



Dairy Products

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June 2024 Highlights

Total cheese output (excluding cottage cheese) was 1.16 billion pounds, 1.4 percent below June 2023 and 4.0 percent below May 2024.

Italian type cheese production totaled 486 million pounds, 0.1 percent below June 2023 and 3.9 percent below May 2024.

American type cheese production totaled 457 million pounds, 4.9 percent below June 2023 and 6.3 percent below May 2024.

Butter production was 169 million pounds, 2.8 percent above June 2023 but 17.3 percent below May 2024.

Dry milk products (comparisons in percentage with June 2023)

Nonfat dry milk, human - 128 million pounds, down 26.1 percent.

Skim milk powder - 60.5 million pounds, up 21.6 percent.

Whey products (comparisons in percentage with June 2023)

Dry whey, total - 81.5 million pounds, down 7.5 percent.

Lactose, human and animal - 94.8 million pounds, down 3.4 percent.

Whey protein concentrate, total - 40.6 million pounds, down 7.0 percent.

Frozen products (comparisons in percentage with June 2023)

Ice cream, regular (hard) - 66.5 million gallons, down 0.3 percent.

Ice cream, lowfat (total) - 38.4 million gallons, down 10.8 percent.

Sherbet (hard) - 1.73 million gallons, down 9.9 percent.

Frozen yogurt (total) - 4.16 million gallons, down 2.5 percent.

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Dairy Products Production by Product – United States: June 2023 and 2024

Product	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	164,478	204,444	169,151	2.8	-17.3
Cheese					
American types ¹	480,863	488,140	457,208	-4.9	-6.3
Cheddar	343,057	329,161	312,036	-9.0	-5.2
Other American types	137,806	158,979	145,172	5.3	-8.7
Blue and Gorgonzola	7,038	8,776	10,787	53.3	22.9
Brick and Muenster	16,808	18,602	17,467	3.9	-6.1
Cream and Neufchatel	88,421	94,725	96,404	9.0	1.8
Feta	13,559	13,674	13,248	-2.3	-3.1
Gouda	4,722	5,677	6,710	42.1	18.2
Hispanic	36,812	34,546	33,776	-8.2	-2.2
Italian types	486,238	505,383	485,785	-0.1	-3.9
Mozzarella	383,786	405,705	391,450	2.0	-3.5
Parmesan	42,645	39,142	32,796	-23.1	-16.2
Provolone	31,948	32,604	31,842	-0.3	-2.3
Ricotta	16,852	15,462	16,916	0.4	9.4
Romano	4,028	5,193	4,545	12.8	-12.5
Other Italian types	6,979	7,277	8,236	18.0	13.2
Swiss	29,018	28,735	26,431	-8.9	-8.0
All other types	14,931	11,996	13,559	-9.2	13.0
Total cheese ²	1,178,410	1,210,254	1,161,375	-1.4	-4.0
Cottage cheese, curd ³	34,175	38,268	35,408	3.6	-7.5
Cottage cheese, cream ⁴	32,699	36,335	34,224	4.7	-5.8
Cottage cheese, lowfat ⁵	27,433	33,591	31,310	14.1	-6.8
Sour cream	129,278	127,362	123,313	-4.6	-3.2
Yogurt, plain and flavored	384,105	401,316	390,721	1.7	-2.6
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	66,668	66,193	66,479	-0.3	0.4
Ice cream, lowfat, hard	21,895	20,059	19,757	-9.8	-1.5
Ice cream, lowfat, soft	21,100	19,759	18,595	-11.9	-5.9
Ice cream, lowfat, total ⁶	42,995	39,818	38,352	-10.8	-3.7
Ice cream, nonfat, hard	613	701	586	-4.4	-16.4
Sherbet, hard	1,918	1,678	1,729	-9.9	3.0
Frozen yogurt, total	4,272	4,315	4,164	-2.5	-3.5
Regular and lowfat, hard	916	1,137	864	-5.7	-24.0
Nonfat, hard	378	361	320	-15.3	-11.4
Other frozen dairy products	1,287	1,327	1,416	10.0	6.7
Water and juice ices	7,745	6,893	7,241	-6.5	5.0
Mix for frozen products					
Ice cream, regular, mix	42,659	42,715	43,543	2.1	1.9
Ice cream, lowfat, mix ⁷	23,504	22,389	21,533	-8.4	-3.8
Ice cream, nonfat, mix	433	615	524	21.0	-14.8
Sherbet mix	1,781	1,407	1,551	-12.9	10.2
Yogurt mix	2,192	1,718	1,743	-20.5	1.5

¹ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

² Excludes Cottage Cheese.

³ Mostly used for processing into cream or lowfat cottage cheese.

⁴ Fat content 4 percent or more.

⁵ Fat content less than 4 percent.

⁶ Includes freezer-made milkshake.

⁷ Includes milkshake mix.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:
June 2023 and 2024**

Product	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	8,417	7,996	7,765	-7.7	-2.9
Dry whey products					
Dry whey, human	84,195	70,755	76,445	-9.2	8.0
Dry whey, animal	3,969	5,875	5,094	28.3	-13.3
Dry whey, total	88,164	76,630	81,539	-7.5	6.4
Reduced Lactose and minerals					
Human and animal	3,651	3,717	3,623	-0.8	-2.5
Whey protein concentrate					
Human ²	42,100	40,856	39,438	-6.3	-3.5
Animal ²	1,543	1,559	1,129	-26.8	-27.6
Total ²	43,643	42,415	40,567	-7.0	-4.4
25.0-49.9 percent ³	14,608	12,363	11,561	-20.9	-6.5
50.0-89.9 percent ³	29,035	30,052	29,006	-0.1	-3.5
Whey protein isolates ⁴	12,126	16,153	16,254	34.0	0.6
Lactose, human and animal	98,125	92,900	94,760	-3.4	2.0
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	80,119	60,267	64,140	-19.9	6.4
Dry whey, animal	2,519	4,188	3,692	46.6	-11.8
Dry whey, total	82,638	64,455	67,832	-17.9	5.2
Reduced Lactose and minerals					
Human and animal ⁶	8,901	8,604	8,668	-2.6	0.7
Whey protein concentrate					
Human ²	82,276	54,339	50,953	-38.1	-6.2
Animal ²	1,976	2,547	1,840	-6.9	-27.8
Total ²	84,252	56,886	52,793	-37.3	-7.2
25.0-49.9 percent ³	36,250	21,040	19,031	-47.5	-9.5
50.0-89.9 percent ³	48,002	35,846	33,762	-29.7	-5.8
Whey protein isolates ⁴	24,168	18,232	15,864	-34.4	-13.0
Lactose, human and animal	149,878	118,631	113,808	-24.1	-4.1
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	23.7	25.6	23.4	-0.2	-2.1

¹ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.

² Whey protein concentrate, 25.0 to 89.9 percent.

³ Whey protein concentrate, human and animal.

⁴ Whey protein isolate, 90.0 percent or greater.

⁵ Stocks held by manufacturers at all points and in transit.

⁶ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

⁷ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Condensed and Dry Milk Products Production, Stocks, and Shipments – United States:
June 2023 and 2024**

Product	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	130,773	136,805	131,656	0.7	-3.8
Dry milk products					
Dry buttermilk, total	10,087	12,871	9,400	-6.8	-27.0
Dry skim milk, animal	834	690	693	-16.9	0.4
Dry whole milk	10,425	9,350	10,377	-0.5	11.0
Milk protein concentrate, total ¹	18,447	32,299	30,476	65.2	-5.6
Nonfat dry milk, human	173,093	169,098	127,846	-26.1	-24.4
Skim milk powder, total ²	49,722	41,852	60,457	21.6	44.5
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	39,140	38,876	34,241	-12.5	-11.9
Dry skim milk, animal	6,701	9,511	8,674	29.4	-8.8
Dry whole milk	12,008	12,315	13,101	9.1	6.4
Nonfat dry milk, human	291,257	280,636	273,184	-6.2	-2.7
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	173,790	162,564	140,562	-19.1	-13.5

¹ Dry milk protein concentrate, 40-89.9 percent.

² Includes protein standardized and blends.

³ Stocks held by manufacturers at all points and in transit.

⁴ For dry products, shipments of bulk goods.

Dairy Products Production by Product and Month – United States: 2023 and 2024

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese ¹						
January	1,222,785	1,200,917	-1.8	1,222,785	1,200,917	-1.8
February	1,116,128	1,139,985	2.1	2,338,913	2,340,902	0.1
March	1,224,820	1,223,777	-0.1	3,563,733	3,564,679	(Z)
April	1,165,123	1,188,261	2.0	4,728,856	4,752,940	0.5
May	1,204,162	1,210,254	0.5	5,933,018	5,963,194	0.5
June	1,178,410	1,161,375	-1.4	7,111,428	7,124,569	0.2
July	1,168,945			8,280,373		
August	1,177,853			9,458,226		
September	1,159,521			10,617,747		
October	1,214,264			11,832,011		
November	1,171,266			13,003,277		
December	1,207,714			14,210,991		
Total American cheese types ²						
January	512,962	473,081	-7.8	512,962	473,081	-7.8
February	454,152	446,591	-1.7	967,114	919,672	-4.9
March	505,830	489,346	-3.3	1,472,944	1,409,018	-4.3
April	491,399	467,098	-4.9	1,964,343	1,876,116	-4.5
May	517,700	488,140	-5.7	2,482,043	2,364,256	-4.7
June	480,863	457,208	-4.9	2,962,906	2,821,464	-4.8
July	481,811			3,444,717		
August	479,230			3,923,947		
September	473,266			4,397,213		
October	487,001			4,884,214		
November	471,035			5,355,249		
December	489,254			5,844,503		
Cheddar cheese						
January	366,554	330,574	-9.8	366,554	330,574	-9.8
February	328,113	314,571	-4.1	694,667	645,145	-7.1
March	355,379	340,784	-4.1	1,050,046	985,929	-6.1
April	352,686	317,180	-10.1	1,402,732	1,303,109	-7.1
May	364,287	329,161	-9.6	1,767,019	1,632,270	-7.6
June	343,057	312,036	-9.0	2,110,076	1,944,306	-7.9
July	333,699			2,443,775		
August	325,393			2,769,168		
September	319,957			3,089,125		
October	342,782			3,431,907		
November	321,767			3,753,674		
December	337,743			4,091,417		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	501,658	510,548	1.8	501,658	510,548	1.8
February	460,736	476,892	3.5	962,394	987,440	2.6
March	496,213	518,595	4.5	1,458,607	1,506,035	3.3
April	474,325	505,053	6.5	1,932,932	2,011,088	4.0
May	484,024	505,383	4.4	2,416,956	2,516,471	4.1
June	486,238	485,785	-0.1	2,903,194	3,002,256	3.4
July	483,503			3,386,697		
August	484,214			3,870,911		
September	479,371			4,350,282		
October	509,162			4,859,444		
November	487,486			5,346,930		
December	507,540			5,854,470		
Mozzarella						
January	394,320	398,419	1.0	394,320	398,419	1.0
February	361,784	374,126	3.4	756,104	772,545	2.2
March	383,594	409,839	6.8	1,139,698	1,182,384	3.7
April	378,076	402,159	6.4	1,517,774	1,584,543	4.4
May	378,366	405,705	7.2	1,896,140	1,990,248	5.0
June	383,786	391,450	2.0	2,279,926	2,381,698	4.5
July	384,244			2,664,170		
August	381,750			3,045,920		
September	379,375			3,425,295		
October	399,262			3,824,557		
November	380,413			4,204,970		
December	401,292			4,606,262		
Other Italian cheese types						
January	7,359	8,380	13.9	7,359	8,380	13.9
February	6,736	7,680	14.0	14,095	16,060	13.9
March	7,638	8,374	9.6	21,733	24,434	12.4
April	7,094	7,950	12.1	28,827	32,384	12.3
May	7,359	7,277	-1.1	36,186	39,661	9.6
June	6,979	8,236	18.0	43,165	47,897	11.0
July	6,686			49,851		
August	7,385			57,236		
September	6,652			63,888		
October	7,454			71,342		
November	7,361			78,703		
December	7,110			85,813		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	203,586	217,247	6.7	203,586	217,247	6.7
February	187,456	197,645	5.4	391,042	414,892	6.1
March	205,762	210,526	2.3	596,804	625,418	4.8
April	197,344	207,630	5.2	794,148	833,048	4.9
May	196,410	204,444	4.1	990,558	1,037,492	4.7
June	164,478	169,151	2.8	1,155,036	1,206,643	4.5
July	158,220			1,313,256		
August	138,915			1,452,171		
September	143,134			1,595,305		
October	162,523			1,757,828		
November	163,544			1,921,372		
December	193,656			2,115,028		
Nonfat dry milk, human						
January	175,602	138,296	-21.2	175,602	138,296	-21.2
February	177,583	147,081	-17.2	353,185	285,377	-19.2
March	199,390	183,977	-7.7	552,575	469,354	-15.1
April	198,521	174,167	-12.3	751,096	643,521	-14.3
May	206,532	169,098	-18.1	957,628	812,619	-15.1
June	173,093	127,846	-26.1	1,130,721	940,465	-16.8
July	133,356			1,264,077		
August	112,079			1,376,156		
September	99,972			1,476,128		
October	128,569			1,604,697		
November	116,818			1,721,515		
December	146,889			1,868,404		
Skim milk powder, total ³						
January	56,002	56,918	1.6	56,002	56,918	1.6
February	47,623	36,240	-23.9	103,625	93,158	-10.1
March	48,544	28,313	-41.7	152,169	121,471	-20.2
April	45,797	35,840	-21.7	197,966	157,311	-20.5
May	46,555	41,852	-10.1	244,521	199,163	-18.5
June	49,722	60,457	21.6	294,243	259,620	-11.8
July	72,400			366,643		
August	71,296			437,939		
September	67,711			505,650		
October	54,046			559,696		
November	70,722			630,418		
December	64,201			694,619		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ⁴						
January	76,713	77,724	1.3	76,713	77,724	1.3
February	66,699	72,131	8.1	143,412	149,855	4.5
March	77,296	79,925	3.4	220,708	229,780	4.1
April	79,595	81,240	2.1	300,303	311,020	3.6
May	81,782	76,630	-6.3	382,085	387,650	1.5
June	88,164	81,539	-7.5	470,249	469,189	-0.2
July	89,321			559,570		
August	83,570			643,140		
September	78,899			722,039		
October	75,276			797,315		
November	68,581			865,896		
December	72,550			938,446		
Lactose, human and animal						
January	90,193	89,452	-0.8	90,193	89,452	-0.8
February	83,542	87,602	4.9	173,735	177,054	1.9
March	98,668	99,109	0.4	272,403	276,163	1.4
April	92,838	91,706	-1.2	365,241	367,869	0.7
May	95,558	92,900	-2.8	460,799	460,769	(Z)
June	98,125	94,760	-3.4	558,924	555,529	-0.6
July	94,224			653,148		
August	92,371			745,519		
September	95,253			840,772		
October	90,017			930,789		
November	84,059			1,014,848		
December	90,687			1,105,535		
Whey protein concentrate, total						
January	41,102	42,695	3.9	41,102	42,695	3.9
February	38,859	38,710	-0.4	79,961	81,405	1.8
March	43,152	44,170	2.4	123,113	125,575	2.0
April	41,819	39,233	-6.2	164,932	164,808	-0.1
May	43,893	42,415	-3.4	208,825	207,223	-0.8
June	43,643	40,567	-7.0	252,468	247,790	-1.9
July	42,769			295,237		
August	40,792			336,029		
September	40,645			376,674		
October	39,688			416,362		
November	41,293			457,655		
December	44,300			501,955		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	29,410	32,818	11.6	29,410	32,818	11.6
February	29,224	32,747	12.1	58,634	65,565	11.8
March	33,127	35,291	6.5	91,761	100,856	9.9
April	28,531	35,842	25.6	120,292	136,698	13.6
May	33,114	36,335	9.7	153,406	173,033	12.8
June	32,699	34,224	4.7	186,105	207,257	11.4
July	32,026			218,131		
August	34,739			252,870		
September	33,459			286,329		
October	31,351			317,680		
November	31,158			348,838		
December	29,001			377,839		
Cottage cheese, lowfat						
January	26,555	29,535	11.2	26,555	29,535	11.2
February	24,353	28,625	17.5	50,908	58,160	14.2
March	26,305	29,824	13.4	77,213	87,984	13.9
April	25,100	32,609	29.9	102,313	120,593	17.9
May	28,559	33,591	17.6	130,872	154,184	17.8
June	27,433	31,310	14.1	158,305	185,494	17.2
July	29,618			187,923		
August	32,997			220,920		
September	32,472			253,392		
October	29,760			283,152		
November	26,106			309,258		
December	26,154			335,412		
Sour cream						
January	127,476	128,934	1.1	127,476	128,934	1.1
February	114,036	119,290	4.6	241,512	248,224	2.8
March	127,913	123,459	-3.5	369,425	371,683	0.6
April	118,718	124,292	4.7	488,143	495,975	1.6
May	128,185	127,362	-0.6	616,328	623,337	1.1
June	129,278	123,313	-4.6	745,606	746,650	0.1
July	118,268			863,874		
August	121,697			985,571		
September	119,965			1,105,536		
October	139,112			1,244,648		
November	141,909			1,386,557		
December	132,557			1,519,114		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	51,980	49,619	-4.5	51,980	49,619	-4.5
February	56,997	57,300	0.5	108,977	106,919	-1.9
March	65,225	66,215	1.5	174,202	173,134	-0.6
April	60,272	64,744	7.4	234,474	237,878	1.5
May	63,493	66,193	4.3	297,967	304,071	2.0
June	66,668	66,479	-0.3	364,635	370,550	1.6
July	61,876			426,511		
August	65,454			491,965		
September	61,000			552,965		
October	55,913			608,878		
November	48,489			657,367		
December	44,454			701,821		
Ice cream, lowfat total						
January	32,887	26,593	-19.1	32,887	26,593	-19.1
February	36,307	31,391	-13.5	69,194	57,984	-16.2
March	43,267	37,552	-13.2	112,461	95,536	-15.0
April	40,975	38,662	-5.6	153,436	134,198	-12.5
May	42,912	39,818	-7.2	196,348	174,016	-11.4
June	42,995	38,352	-10.8	239,343	212,368	-11.3
July	41,580			280,923		
August	42,401			323,324		
September	35,738			359,062		
October	37,237			396,299		
November	27,899			424,198		
December	26,658			450,856		
Sherbet, hard						
January	1,783	1,609	-9.8	1,783	1,609	-9.8
February	2,029	1,533	-24.4	3,812	3,142	-17.6
March	1,851	1,835	-0.9	5,663	4,977	-12.1
April	1,974	1,777	-10.0	7,637	6,754	-11.6
May	1,937	1,678	-13.4	9,574	8,432	-11.9
June	1,918	1,729	-9.9	11,492	10,161	-11.6
July	1,698			13,190		
August	2,069			15,259		
September	1,525			16,784		
October	1,644			18,428		
November	1,371			19,799		
December	1,182			20,981		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

[Blank data cells indicate estimation period has not yet begun]

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	384,757	397,623	3.3	384,757	397,623	3.3
February	383,743	396,526	3.3	768,500	794,149	3.3
March	428,478	427,988	-0.1	1,196,978	1,222,137	2.1
April	371,914	413,821	11.3	1,568,892	1,635,958	4.3
May	382,291	401,316	5.0	1,951,183	2,037,274	4.4
June	384,105	390,721	1.7	2,335,288	2,427,995	4.0
July	385,092			2,720,380		
August	392,827			3,113,207		
September	402,621			3,515,828		
October	374,844			3,890,672		
November	339,246			4,229,918		
December	359,954			4,589,872		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	2,584	3,277	26.8	2,584	3,277	26.8
February	3,450	4,001	16.0	6,034	7,278	20.6
March	3,710	3,731	0.6	9,744	11,009	13.0
April	3,238	3,105	-4.1	12,982	14,114	8.7
May	4,316	4,315	(Z)	17,298	18,429	6.5
June	4,272	4,164	-2.5	21,570	22,593	4.7
July	4,292			25,862		
August	4,335			30,197		
September	3,245			33,442		
October	3,321			36,763		
November	2,422			39,185		
December	3,191			42,376		

(Z) Less than half of the unit shown.

¹ Excludes Cottage Cheese.

² Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

³ Includes protein standardized and blends.

⁴ Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States, United States, and Regions:
June 2023 and 2024**

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	208,631	215,524	205,298	-1.6	-4.7
Idaho	87,181	81,184	88,806	1.9	9.4
Illinois	5,618	5,411	5,604	-0.2	3.6
Iowa	32,962	33,412	30,783	-6.6	-7.9
Minnesota	67,329	70,473	65,665	-2.5	-6.8
New Jersey	5,810	5,627	5,825	0.3	3.5
New Mexico	81,188	80,954	68,684	-15.4	-15.2
New York	70,626	69,889	68,359	-3.2	-2.2
Ohio	20,511	20,552	19,571	-4.6	-4.8
Pennsylvania	40,574	41,223	38,140	-6.0	-7.5
South Dakota	38,921	45,614	44,068	13.2	-3.4
Vermont	11,708	12,324	11,179	-4.5	-9.3
Wisconsin	293,822	305,540	296,129	0.8	-3.1
Other States ¹	213,529	222,527	213,264	-0.1	-4.2
United States	1,178,410	1,210,254	1,161,375	-1.4	-4.0
Atlantic	139,768	133,824	128,709	-7.9	-3.8
Central	575,822	601,579	575,454	-0.1	-4.3
West	462,820	474,851	457,212	-1.2	-3.7

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

American Cheese Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	44,163	48,992	45,708	3.5	-6.7
Iowa	16,636	18,648	17,652	6.1	-5.3
Minnesota	56,662	60,925	58,511	3.3	-4.0
New York	12,103	12,798	11,700	-3.3	-8.6
Wisconsin	90,458	94,566	89,200	-1.4	-5.7
Other States ¹	260,841	252,211	234,437	-10.1	-7.0
United States	480,863	488,140	457,208	-4.9	-6.3
Atlantic	27,748	23,284	21,091	-24.0	-9.4
Central	264,092	278,435	260,051	-1.5	-6.6
West	189,023	186,421	176,066	-6.9	-5.6

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

Cheddar Cheese Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	19,166	22,308	20,803	8.5	-6.7
Iowa	12,312	12,659	12,430	1.0	-1.8
Vermont	8,065	9,045	7,998	-0.8	-11.6
Wisconsin	60,844	58,802	55,300	-9.1	-6.0
Other States ¹	242,670	226,347	215,505	-11.2	-4.8
United States	343,057	329,161	312,036	-9.0	-5.2
Atlantic	25,819	21,488	19,366	-25.0	-9.9
Central	184,744	186,994	175,613	-4.9	-6.1
West	132,494	120,679	117,057	-11.7	-3.0

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

Total Italian Cheese Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	138,293	146,123	139,505	0.9	-4.5
Minnesota	10,436	9,386	7,034	-32.6	-25.1
New Jersey	2,777	2,729	2,860	3.0	4.8
New York	28,183	27,910	28,324	0.5	1.5
Pennsylvania	23,658	23,218	20,927	-11.5	-9.9
Wisconsin	140,953	147,254	139,016	-1.4	-5.6
Other States ¹	141,938	148,763	148,119	4.4	-0.4
United States	486,238	505,383	485,785	-0.1	-3.9
Atlantic	58,503	57,088	55,939	-4.4	-2.0
Central	201,530	209,190	197,329	-2.1	-5.7
West	226,205	239,105	232,517	2.8	-2.8

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

Mozzarella Cheese Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	126,967	135,492	129,383	1.9	-4.5
New Jersey	1,613	1,489	1,548	-4.0	4.0
New York	15,168	15,087	14,364	-5.3	-4.8
Pennsylvania	19,340	18,714	17,192	-11.1	-8.1
Wisconsin	90,883	96,828	91,900	1.1	-5.1
Other States ¹	129,815	138,095	137,063	5.6	-0.7
United States	383,786	405,705	391,450	2.0	-3.5
Atlantic	38,587	37,479	35,548	-7.9	-5.2
Central	131,866	141,105	134,994	2.4	-4.3
West	213,333	227,121	220,908	3.6	-2.7

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

Butter Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	54,038	63,899	54,022	(Z)	-15.5
Pennsylvania	6,807	7,538	5,265	-22.7	-30.2
Other States ¹	103,633	133,007	109,864	6.0	-17.4
United States	164,478	204,444	169,151	2.8	-17.3
Atlantic	12,426	15,807	11,076	-10.9	-29.9
Central	61,617	81,523	68,154	10.6	-16.4
West	90,435	107,114	89,921	-0.6	-16.1

(Z) Less than half of the unit shown.

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

Nonfat Dry Milk (Human) Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	74,702	71,332	42,637	-42.9	-40.2
Pennsylvania	15,556	13,137	10,254	-34.1	-21.9
Other States ¹	82,835	84,629	74,955	-9.5	-11.4
United States	173,093	169,098	127,846	-26.1	-24.4
Atlantic	30,263	30,112	26,055	-13.9	-13.5
Central	35,724	39,364	35,063	-1.9	-10.9
West	107,106	99,622	66,728	-37.7	-33.0

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

Dry Whey (Human) Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	11,965	12,444	11,479	-4.1	-7.8
Wisconsin	24,465	23,257	24,407	-0.2	4.9
Other States ¹	47,765	35,054	40,559	-15.1	15.7
United States	84,195	70,755	76,445	-9.2	8.0
Atlantic	22,461	22,749	20,769	-7.5	-8.7
Central	43,675	41,235	41,764	-4.4	1.3
West	18,059	6,771	13,912	-23.0	105.5

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

Ice Cream, Regular (Hard) Production – States, United States, and Regions: June 2023 and 2024

State and region	June 2023	May 2024	June 2024	Change from	
				June 2023	May 2024
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	7,721	8,610	7,999	3.6	-7.1
New York	2,410	2,375	2,348	-2.6	-1.1
Ohio	2,350	2,322	2,559	8.9	10.2
Utah	1,643	1,861	1,831	11.4	-1.6
Wisconsin	1,187	986	1,124	-5.3	14.0
Other States ¹	51,357	50,039	50,618	-1.4	1.2
United States	66,668	66,193	66,479	-0.3	0.4
Atlantic	14,377	13,015	13,064	-9.1	0.4
Central	39,068	39,115	39,712	1.6	1.5
West	13,223	14,063	13,703	3.6	-2.6

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

Dairy Products Regions



West: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

Central: Alabama, Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin.

Atlantic: Connecticut, Delaware, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, North Carolina, Rhode Island, South Carolina, Vermont, Virginia, West Virginia.

Statistical Methodology

Data Collection Period: Dairy products estimates are based upon survey data collected after the close of each month. Production data are provided by the firms producing dairy products.

Sampling frames and sample size: In 2023, there were 1,183 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. 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. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

Modes of data collection: Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

Terms and definitions: Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

Reliability: Data for the Dairy Products report are collected by a Census of all known manufacturers of dairy products in the United States. Firms producing large quantities of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law as defined in Public Laws 106-532 and 107-171 to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however non-sampling errors are possible.

Estimating Procedures: In the Regional Field Office (RFO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each RFO summarizes data at the Individual State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both RFO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, RFO data are summarized into a National level summary.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the *Dairy Products Yearly Summary* report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov.

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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