



Dairy Products

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June 2016 Highlights

Total cheese output (excluding cottage cheese) was 987 million pounds, 1.1 percent above June 2015 but 1.5 percent below May 2016.

Italian type cheese production totaled 432 million pounds, 2.2 percent above June 2015 but 2.0 percent below May 2016.

American type cheese production totaled 390 million pounds, 0.2 percent below June 2015 and 2.6 percent below May 2016.

Butter production was 153 million pounds, 6.4 percent above June 2015 but 10.1 percent below May 2016.

Dry milk powders (comparisons with June 2015)

Nonfat dry milk, human - 144 million pounds, down 13.2 percent.

Skim milk powders - 55.3 million pounds, up 59.5 percent.

Whey products (comparisons with June 2015)

Dry whey, total - 79.2 million pounds, down 7.7 percent.

Lactose, human and animal - 91.8 million pounds, up 2.0 percent.

Whey protein concentrate, total - 35.9 million pounds, down 7.9 percent.

Frozen products (comparisons with June 2015)

Ice cream, regular (hard) - 75.6 million gallons, up 4.2 percent.

Ice cream, lowfat (total) - 42.8 million gallons, down 8.0 percent.

Sherbet (hard) - 3.61 million gallons, down 6.8 percent.

Frozen yogurt (total) - 6.33 million gallons, down 10.5 percent.

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Dairy Products Production by Product – United States: June 2015 and 2016

Product	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	143,714	170,015	152,855	6.4	-10.1
Cheese					
American types ¹	390,457	400,350	389,744	-0.2	-2.6
Cheddar	287,963	290,549	277,751	-3.5	-4.4
Other American types	102,494	109,801	111,993	9.3	2.0
Blue and Gorgonzola	7,932	8,673	8,093	2.0	-6.7
Brick and Muenster	14,151	16,260	15,177	7.3	-6.7
Cream and Neufchatel	68,551	59,000	67,278	-1.9	14.0
Feta	9,799	10,978	9,893	1.0	-9.9
Gouda	2,572	6,351	1,920	-25.3	-69.8
Hispanic	20,876	20,001	22,298	6.8	11.5
Italian types	422,827	440,810	432,106	2.2	-2.0
Mozzarella	331,891	345,427	338,344	1.9	-2.1
Parmesan	29,610	31,915	31,299	5.7	-1.9
Provolone	31,796	34,406	33,618	5.7	-2.3
Ricotta	17,914	18,142	18,267	2.0	0.7
Romano	5,319	4,670	4,784	-10.1	2.4
Other Italian types	6,297	6,250	5,794	-8.0	-7.3
Swiss	25,614	26,239	27,154	6.0	3.5
All other types	14,023	13,362	13,757	-1.9	3.0
Total cheese	976,802	1,002,024	987,420	1.1	-1.5
Cottage cheese, curd ²	34,206	35,832	34,785	1.7	-2.9
Cottage cheese, cream ³	27,179	27,985	27,412	0.9	-2.0
Cottage cheese, lowfat ⁴	32,113	31,902	30,856	-3.9	-3.3
Sour cream	110,834	113,759	119,437	7.8	5.0
Yogurt, plain and flavored	395,772	380,186	393,784	-0.5	3.6
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	72,534	71,903	75,615	4.2	5.2
Ice cream, lowfat, hard	23,713	18,248	18,748	-20.9	2.7
Ice cream, lowfat, soft	22,778	22,042	24,031	5.5	9.0
Ice cream, lowfat, total	46,491	40,290	42,779	-8.0	6.2
Ice cream, nonfat, hard	723	637	647	-10.5	1.6
Sherbet, hard	3,875	3,484	3,612	-6.8	3.7
Frozen yogurt, total	7,069	5,755	6,328	-10.5	10.0
Regular and lowfat, hard	2,735	2,031	2,082	-23.9	2.5
Nonfat, hard	674	535	586	-13.1	9.5
Other frozen dairy products	1,393	1,359	1,286	-7.7	-5.4
Water and juice ices	7,741	6,241	7,309	-5.6	17.1
Mix for frozen products					
Ice cream, regular, mix	44,817	42,673	44,811	-	5.0
Ice cream, lowfat, mix	26,850	22,803	24,257	-9.7	6.4
Ice cream, nonfat, mix	670	553	603	-10.0	9.0
Sherbet mix	2,573	2,235	2,415	-6.1	8.1
Yogurt mix	3,860	3,515	3,746	-3.0	6.6

- Represents zero.

¹ Includes Cheddar, Colby, Monterey, and Jack.

² Mostly used for processing into cream or lowfat cottage cheese.

³ Fat content 4 percent or more.

⁴ Fat content less than 4 percent.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:
June 2015 and 2016**

Product	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	10,860	11,255	10,907	0.4	-3.1
Dry whey products					
Dry whey, human	84,430	80,590	77,525	-8.2	-3.8
Dry whey, animal	1,331	1,456	1,656	24.4	13.7
Dry whey, total	85,761	82,046	79,181	-7.7	-3.5
Reduced lactose and minerals					
Human	2,701	2,848	2,465	-8.7	-13.4
Animal	2,537	2,485	2,384	-6.0	-4.1
Whey protein concentrate					
Human ²	37,735	37,641	35,669	-5.5	-5.2
Animal ²	1,273	351	254	-80.0	-27.6
Total ²	39,008	37,992	35,923	-7.9	-5.4
25.0-49.9 percent ³	20,125	14,819	15,172	-24.6	2.4
50.0-89.9 percent ³	18,883	23,173	20,751	9.9	-10.5
Whey protein isolates ⁴	8,086	8,676	8,581	6.1	-1.1
Lactose, human and animal	89,945	91,631	91,761	2.0	0.1
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	75,240	86,364	73,513	-2.3	-14.9
Dry whey, animal	2,129	1,368	1,472	-30.9	7.6
Dry whey, total	77,369	87,732	74,985	-3.1	-14.5
Reduced Lactose and minerals					
Human and animal ⁶	9,284	8,008	7,673	-17.4	-4.2
Whey protein concentrate					
Human ²	77,057	56,435	53,853	-30.1	-4.6
Animal ²	1,454	579	447	-69.3	-22.8
Total ²	78,511	57,014	54,300	-30.8	-4.8
25.0-49.9 percent ³	34,773	21,197	20,917	-39.8	-1.3
50.0-89.9 percent ³	43,738	35,817	33,383	-23.7	-6.8
Whey protein isolates ⁴	13,286	17,577	17,865	34.5	1.6
Lactose, human and animal	128,759	119,353	120,660	-6.3	1.1
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	45.4	12.3	22.4	-23.1	10.1

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 2015 and 2016**

Product	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	150,466	156,279	153,987	2.3	-1.5
Dry milk products					
Dry buttermilk, total	6,613	8,775	8,110	22.6	-7.6
Dry skim milk, animal	998	837	893	-10.5	6.7
Dry whole milk	6,721	8,513	6,203	-7.7	-27.1
Milk protein concentrate, total ¹	13,551	18,729	18,382	35.7	-1.9
Nonfat dry milk, human	165,441	166,026	143,578	-13.2	-13.5
Skim milk powder, total ²	34,676	50,865	55,312	59.5	8.7
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	21,651	24,112	21,400	-1.2	-11.2
Dry skim milk, animal	1,994	2,446	2,496	25.2	2.0
Dry whole milk	25,050	15,338	15,573	-37.8	1.5
Nonfat dry milk, human	262,322	232,180	237,592	-9.4	2.3
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	158,824	174,255	132,973	-16.3	-23.7

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: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	994,542	1,003,278	0.9	994,542	1,003,278	0.9
February	896,222	955,051	6.6	1,890,764	1,958,329	3.6
March	1,011,401	1,025,629	1.4	2,902,165	2,983,958	2.8
April	977,734	991,181	1.4	3,879,899	3,975,139	2.5
May	986,103	1,002,024	1.6	4,866,002	4,977,163	2.3
June	976,802	987,420	1.1	5,842,804	5,964,583	2.1
July	1,003,072			6,845,876		
August	978,177			7,824,053		
September	966,057			8,790,110		
October	1,027,279			9,817,389		
November	984,720			10,802,109		
December	1,036,316			11,838,425		
Total American cheese types ¹						
January	402,235	400,989	-0.3	402,235	400,989	-0.3
February	357,392	366,870	2.7	759,627	767,859	1.1
March	395,913	399,063	0.8	1,155,540	1,166,922	1.0
April	396,707	395,527	-0.3	1,552,247	1,562,449	0.7
May	407,684	400,350	-1.8	1,959,931	1,962,799	0.1
June	390,457	389,744	-0.2	2,350,388	2,352,543	0.1
July	397,252			2,747,640		
August	394,944			3,142,584		
September	379,532			3,522,116		
October	392,516			3,914,632		
November	380,090			4,294,722		
December	400,164			4,694,886		
Cheddar cheese						
January	296,775	296,492	-0.1	296,775	296,492	-0.1
February	262,614	257,550	-1.9	559,389	554,042	-1.0
March	287,127	283,957	-1.1	846,516	837,999	-1.0
April	287,362	297,403	3.5	1,133,878	1,135,402	0.1
May	296,459	290,549	-2.0	1,430,337	1,425,951	-0.3
June	287,963	277,751	-3.5	1,718,300	1,703,702	-0.8
July	286,447			2,004,747		
August	279,375			2,284,122		
September	271,528			2,555,650		
October	278,831			2,834,481		
November	266,026			3,100,507		
December	292,957			3,393,464		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	433,575	435,176	0.4	433,575	435,176	0.4
February	389,448	423,918	8.9	823,023	859,094	4.4
March	440,148	458,783	4.2	1,263,171	1,317,877	4.3
April	421,271	436,543	3.6	1,684,442	1,754,420	4.2
May	417,329	440,810	5.6	2,101,771	2,195,230	4.4
June	422,827	432,106	2.2	2,524,598	2,627,336	4.1
July	430,439			2,955,037		
August	402,279			3,357,316		
September	403,028			3,760,344		
October	437,762			4,198,106		
November	425,075			4,623,181		
December	465,574			5,088,755		
Mozzarella						
January	341,435	336,865	-1.3	341,435	336,865	-1.3
February	304,907	332,553	9.1	646,342	669,418	3.6
March	342,753	359,034	4.8	989,095	1,028,452	4.0
April	331,378	340,847	2.9	1,320,473	1,369,299	3.7
May	331,276	345,427	4.3	1,651,749	1,714,726	3.8
June	331,891	338,344	1.9	1,983,640	2,053,070	3.5
July	339,588			2,323,228		
August	315,163			2,638,391		
September	317,118			2,955,509		
October	342,127			3,297,636		
November	333,437			3,631,073		
December	364,737			3,995,810		
Other Italian cheese types						
January	6,087	6,117	0.5	6,087	6,117	0.5
February	6,153	5,777	-6.1	12,240	11,894	-2.8
March	7,506	5,994	-20.1	19,746	17,888	-9.4
April	6,916	5,376	-22.3	26,662	23,264	-12.7
May	6,481	6,250	-3.6	33,143	29,514	-10.9
June	6,297	5,794	-8.0	39,440	35,308	-10.5
July	5,692			45,132		
August	6,130			51,262		
September	5,560			56,822		
October	6,746			63,568		
November	6,312			69,880		
December	6,435			76,315		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	173,637	175,654	1.2	173,637	175,654	1.2
February	155,979	174,353	11.8	329,616	350,007	6.2
March	167,503	182,126	8.7	497,119	532,133	7.0
April	165,472	176,453	6.6	662,591	708,586	6.9
May	169,429	170,015	0.3	832,020	878,601	5.6
June	143,714	152,855	6.4	975,734	1,031,456	5.7
July	144,205			1,119,939		
August	128,091			1,248,030		
September	133,659			1,381,689		
October	148,424			1,530,113		
November	152,329			1,682,442		
December	175,556			1,857,998		
Nonfat dry milk, human						
January	167,699	137,046	-18.3	167,699	137,046	-18.3
February	150,953	140,225	-7.1	318,652	277,271	-13.0
March	180,815	172,009	-4.9	499,467	449,280	-10.0
April	180,768	169,349	-6.3	680,235	618,629	-9.1
May	180,001	166,026	-7.8	860,236	784,655	-8.8
June	165,441	143,578	-13.2	1,025,677	928,233	-9.5
July	155,245			1,180,922		
August	123,885			1,304,807		
September	119,947			1,424,754		
October	118,358			1,543,112		
November	127,928			1,671,040		
December	151,143			1,822,183		
Skim milk powders ²						
January	41,107	51,243	24.7	41,107	51,243	24.7
February	33,320	40,201	20.7	74,427	91,444	22.9
March	39,442	40,564	2.8	113,869	132,008	15.9
April	33,099	43,189	30.5	146,968	175,197	19.2
May	35,538	50,865	43.1	182,506	226,062	23.9
June	34,676	55,312	59.5	217,182	281,374	29.6
July	34,882			252,064		
August	39,288			291,352		
September	26,837			318,189		
October	39,723			357,912		
November	44,940			402,852		
December	43,472			446,324		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	76,418	83,281	9.0	76,418	83,281	9.0
February	76,735	75,459	-1.7	153,153	158,740	3.6
March	86,928	82,941	-4.6	240,081	241,681	0.7
April	78,079	82,348	5.5	318,160	324,029	1.8
May	79,396	82,046	3.3	397,556	406,075	2.1
June	85,761	79,181	-7.7	483,317	485,256	0.4
July	81,691			565,008		
August	82,744			647,752		
September	79,247			726,999		
October	77,108			804,107		
November	79,012			883,119		
December	91,786			974,905		
Lactose, human and animal						
January	90,148	84,602	-6.2	90,148	84,602	-6.2
February	80,505	83,897	4.2	170,653	168,499	-1.3
March	92,896	92,710	-0.2	263,549	261,209	-0.9
April	88,352	87,962	-0.4	351,901	349,171	-0.8
May	88,285	91,631	3.8	440,186	440,802	0.1
June	89,945	91,761	2.0	530,131	532,563	0.5
July	90,326			620,457		
August	86,557			707,014		
September	85,084			792,098		
October	83,126			875,224		
November	82,460			957,684		
December	91,094			1,048,778		
Whey protein concentrate, total						
January	43,826	39,051	-10.9	43,826	39,051	-10.9
February	38,516	36,775	-4.5	82,342	75,826	-7.9
March	42,131	39,232	-6.9	124,473	115,058	-7.6
April	42,622	36,808	-13.6	167,095	151,866	-9.1
May	43,898	37,992	-13.5	210,993	189,858	-10.0
June	39,008	35,923	-7.9	250,001	225,781	-9.7
July	41,723			291,724		
August	39,564			331,288		
September	37,440			368,728		
October	42,076			410,804		
November	41,302			452,106		
December	42,299			494,405		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	24,103	23,777	-1.4	24,103	23,777	-1.4
February	25,188	25,233	0.2	49,291	49,010	-0.6
March	26,991	28,607	6.0	76,282	77,617	1.8
April	25,811	26,717	3.5	102,093	104,334	2.2
May	26,281	27,985	6.5	128,374	132,319	3.1
June	27,179	27,412	0.9	155,553	159,731	2.7
July	28,791			184,344		
August	27,810			212,154		
September	27,369			239,523		
October	27,130			266,653		
November	24,212			290,865		
December	26,663			317,528		
Cottage cheese, lowfat						
January	28,993	28,610	-1.3	28,993	28,610	-1.3
February	28,913	28,708	-0.7	57,906	57,318	-1.0
March	32,157	34,290	6.6	90,063	91,608	1.7
April	29,848	30,499	2.2	119,911	122,107	1.8
May	29,920	31,902	6.6	149,831	154,009	2.8
June	32,113	30,856	-3.9	181,944	184,865	1.6
July	31,483			213,427		
August	31,377			244,804		
September	31,918			276,722		
October	29,543			306,265		
November	26,652			332,917		
December	30,088			363,005		
Sour cream						
January	109,699	102,931	-6.2	109,699	102,931	-6.2
February	96,386	103,420	7.3	206,085	206,351	0.1
March	110,976	116,668	5.1	317,061	323,019	1.9
April	103,658	102,123	-1.5	420,719	425,142	1.1
May	104,420	113,759	8.9	525,139	538,901	2.6
June	110,834	119,437	7.8	635,973	658,338	3.5
July	105,243			741,216		
August	107,410			848,626		
September	106,825			955,451		
October	119,063			1,074,514		
November	123,532			1,198,046		
December	118,408			1,316,454		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	57,106	57,066	-0.1	57,106	57,066	-0.1
February	59,797	60,423	1.0	116,903	117,489	0.5
March	71,808	71,024	-1.1	188,711	188,513	-0.1
April	68,771	71,328	3.7	257,482	259,841	0.9
May	65,517	71,903	9.7	322,999	331,744	2.7
June	72,534	75,615	4.2	395,533	407,359	3.0
July	72,356			467,889		
August	69,503			537,392		
September	65,391			602,783		
October	63,356			666,139		
November	54,953			721,092		
December	56,472			777,564		
Ice cream, lowfat total						
January	29,598	25,723	-13.1	29,598	25,723	-13.1
February	31,465	31,137	-1.0	61,063	56,860	-6.9
March	38,086	40,926	7.5	99,149	97,786	-1.4
April	39,693	39,789	0.2	138,842	137,575	-0.9
May	41,140	40,290	-2.1	179,982	177,865	-1.2
June	46,491	42,779	-8.0	226,473	220,644	-2.6
July	43,126			269,599		
August	42,556			312,155		
September	35,441			347,596		
October	31,918			379,514		
November	26,788			406,302		
December	25,399			431,701		
Sherbet, hard						
January	2,982	2,461	-17.5	2,982	2,461	-17.5
February	3,225	3,200	-0.8	6,207	5,661	-8.8
March	3,989	3,726	-6.6	10,196	9,387	-7.9
April	3,527	3,567	1.1	13,723	12,954	-5.6
May	3,739	3,484	-6.8	17,462	16,438	-5.9
June	3,875	3,612	-6.8	21,337	20,050	-6.0
July	3,766			25,103		
August	3,553			28,656		
September	3,407			32,063		
October	2,927			34,990		
November	2,531			37,521		
December	2,178			39,699		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	370,650	394,767	6.5	370,650	394,767	6.5
February	419,288	396,799	-5.4	789,938	791,566	0.2
March	436,581	421,450	-3.5	1,226,519	1,213,016	-1.1
April	384,158	392,006	2.0	1,610,677	1,605,022	-0.4
May	396,737	380,186	-4.2	2,007,414	1,985,208	-1.1
June	395,772	393,784	-0.5	2,403,186	2,378,992	-1.0
July	388,817			2,792,003		
August	401,818			3,193,821		
September	445,270			3,639,091		
October	387,836			4,026,927		
November	347,738			4,374,665		
December	367,422			4,742,087		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	4,699	4,125	-12.2	4,699	4,125	-12.2
February	5,614	5,377	-4.2	10,313	9,502	-7.9
March	6,283	6,079	-3.2	16,596	15,581	-6.1
April	7,000	6,281	-10.3	23,596	21,862	-7.3
May	5,827	5,755	-1.2	29,423	27,617	-6.1
June	7,069	6,328	-10.5	36,492	33,945	-7.0
July	6,616			43,108		
August	5,891			48,999		
September	5,673			54,672		
October	5,543			60,215		
November	4,496			64,711		
December	4,004			68,715		

¹ Includes Cheddar, Colby, Monterey, and Jack.

² Includes protein standardized and blends.

³ Excludes all modified dry whey products.

Total Cheese Production Excluding Cottage Cheese – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	202,815	213,484	206,148	1.6	-3.4
Idaho	79,674	76,009	81,239	2.0	6.9
Illinois	6,449	6,948	6,595	2.3	-5.1
Iowa	18,638	21,493	19,233	3.2	-10.5
Minnesota	55,569	56,886	53,183	-4.3	-6.5
New Jersey	4,879	4,293	5,283	8.3	23.1
New Mexico	63,893	67,891	59,598	-6.7	-12.2
New York	62,561	59,792	63,155	0.9	5.6
Ohio	17,239	17,822	17,912	3.9	0.5
Pennsylvania	33,701	33,698	34,050	1.0	1.0
South Dakota	23,089	22,624	23,603	2.2	4.3
Vermont	10,293	11,083	10,319	0.3	-6.9
Wisconsin	256,093	263,211	262,339	2.4	-0.3
Other States ¹	141,909	146,790	144,763	2.0	-1.4
United States	976,802	1,002,024	987,420	1.1	-1.5
Atlantic	118,123	115,803	119,619	1.3	3.3
Central	441,153	452,426	446,327	1.2	-1.3
West	417,526	433,795	421,474	0.9	-2.8

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

American Cheese Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	54,637	53,733	53,302	-2.4	-0.8
Idaho	51,610	50,312	49,219	-4.6	-2.2
Iowa	10,666	13,890	12,448	16.7	-10.4
New York	10,971	11,156	11,042	0.6	-1.0
Oregon	15,666	17,781	15,850	1.2	-10.9
Pennsylvania	72	134	69	-4.2	-48.5
Wisconsin	75,980	80,067	77,100	1.5	-3.7
Other States ¹	170,855	173,277	170,714	-0.1	-1.5
United States	390,457	400,350	389,744	-0.2	-2.6
Atlantic	23,893	24,928	24,140	1.0	-3.2
Central	186,720	194,510	185,118	-0.9	-4.8
West	179,844	180,912	180,486	0.4	-0.2

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

Cheddar Cheese Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	32,246	28,366	27,557	-14.5	-2.9
Idaho	41,472	41,382	39,407	-5.0	-4.8
Iowa	7,470	7,612	7,126	-4.6	-6.4
Minnesota	42,521	41,902	39,149	-7.9	-6.6
Vermont	7,065	7,913	7,425	5.1	-6.2
Wisconsin	50,565	53,670	51,400	1.7	-4.2
Other States ¹	106,624	109,704	105,687	-0.9	-3.7
United States	287,963	290,549	277,751	-3.5	-4.4
Atlantic	22,685	24,084	23,273	2.6	-3.4
Central	133,050	135,553	125,074	-6.0	-7.7
West	132,228	130,912	129,404	-2.1	-1.2

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

Total Italian Cheese Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	130,731	140,591	134,331	2.8	-4.5
Idaho	22,458	19,858	25,579	13.9	28.8
New York	26,580	27,361	27,630	4.0	1.0
Pennsylvania	20,984	21,946	21,297	1.5	-3.0
Wisconsin	129,582	133,781	136,005	5.0	1.7
Other States ¹	92,492	97,273	87,264	-5.7	-10.3
United States	422,827	440,810	432,106	2.2	-2.0
Atlantic	52,512	53,664	53,969	2.8	0.6
Central	170,401	176,247	175,760	3.1	-0.3
West	199,914	210,899	202,377	1.2	-4.0

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

Mozzarella Cheese Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	117,555	129,101	122,209	4.0	-5.3
Idaho	21,277	18,224	23,542	10.6	29.2
New York	15,109	14,587	14,677	-2.9	0.6
Pennsylvania	17,993	18,750	18,375	2.1	-2.0
Wisconsin	89,359	90,884	92,700	3.7	2.0
Other States ¹	70,598	73,881	66,841	-5.3	-9.5
United States	331,891	345,427	338,344	1.9	-2.1
Atlantic	35,386	35,615	35,557	0.5	-0.2
Central	112,491	113,829	115,958	3.1	1.9
West	184,014	195,983	186,829	1.5	-4.7

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

Butter Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	44,900	49,549	46,035	2.5	-7.1
New York	2,038	2,664	2,313	13.5	-13.2
Pennsylvania	7,869	8,281	7,879	0.1	-4.9
Other States ¹	88,907	109,521	96,628	8.7	-11.8
United States	143,714	170,015	152,855	6.4	-10.1
Atlantic	14,589	17,500	13,816	-5.3	-21.1
Central	52,959	71,097	59,787	12.9	-15.9
West	76,166	81,418	79,252	4.1	-2.7

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

Nonfat Dry Milk (Human) Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	58,646	50,566	38,004	-35.2	-24.8
Pennsylvania	18,110	17,558	18,075	-0.2	2.9
Other States ¹	88,685	97,902	87,499	-1.3	-10.6
United States	165,441	166,026	143,578	-13.2	-13.5
Atlantic	30,391	36,077	33,678	10.8	-6.6
Central	26,533	37,179	29,756	12.1	-20.0
West	108,517	92,770	80,144	-26.1	-13.6

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

Dry Whey (Human) Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	13,285	11,560	12,275	-7.6	6.2
Wisconsin	28,651	28,123	25,266	-11.8	-10.2
Other States ¹	42,494	40,907	39,984	-5.9	-2.3
United States	84,430	80,590	77,525	-8.2	-3.8
Atlantic	23,011	21,419	21,542	-6.4	0.6
Central	41,232	40,383	37,550	-8.9	-7.0
West	20,187	18,788	18,433	-8.7	-1.9

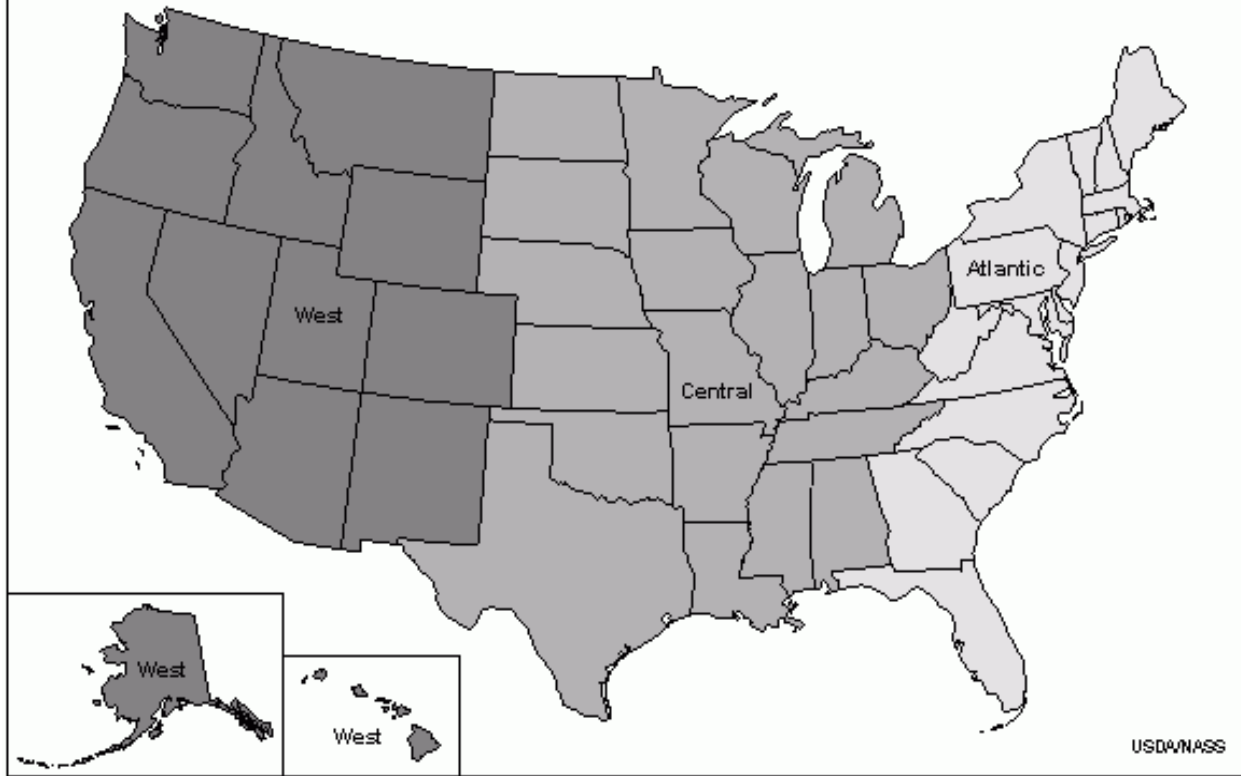
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States and United States: June 2015 and 2016

State	June 2015	May 2016	June 2016	Change from	
				June 2015	May 2016
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	12,575	12,246	12,483	-0.7	1.9
Connecticut	1,276	1,139	1,336	4.7	17.3
Missouri	2,415	2,793	2,772	14.8	-0.8
Ohio	2,617	2,173	2,461	-6.0	13.3
Oregon	1,259	1,347	1,299	3.2	-3.6
Pennsylvania	3,382	3,568	3,922	16.0	9.9
Wisconsin	1,871	1,559	2,058	10.0	32.0
Other States ¹	47,139	47,078	49,284	4.6	4.7
United States	72,534	71,903	75,615	4.2	5.2
Atlantic	15,471	15,479	16,079	3.9	3.9
Central	38,347	37,326	40,378	5.3	8.2
West	18,716	19,098	19,158	2.4	0.3

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

Dairy Products Regions



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 2015, there were 1,267 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@nass.usda.gov.

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