



Dairy Products

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June 2020 Highlights

Total cheese output (excluding cottage cheese) was 1.10 billion pounds, 3.5 percent above June 2019 and 0.3 percent above May 2020.

Italian type cheese production totaled 475 million pounds, 3.0 percent above June 2019 but 1.1 percent below May 2020.

American type cheese production totaled 438 million pounds, 2.5 percent above June 2019 but 0.9 percent below May 2020.

Butter production was 150 million pounds, 3.1 percent below June 2019 and 15.7 percent below May 2020.

Dry milk products (comparisons in percentage with June 2019)

Nonfat dry milk, human - 147 million pounds, down 7.1 percent.

Skim milk powder - 61.3 million pounds, up 17.7 percent.

Whey products (comparisons in percentage with June 2019)

Dry whey, total - 85.4 million pounds, up 2.9 percent.

Lactose, human and animal - 101 million pounds, down 6.9 percent.

Whey protein concentrate, total - 39.5 million pounds, down 0.1 percent.

Frozen products (comparisons in percentage with June 2019)

Ice cream, regular (hard) - 71.2 million gallons, up 9.7 percent.

Ice cream, lowfat (total) - 44.7 million gallons, up 0.8 percent.

Sherbet (hard) - 3.50 million gallons, up 10.6 percent.

Frozen yogurt (total) - 5.41 million gallons, down 4.2 percent.

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Dairy Products Production by Product – United States: June 2019 and 2020

Product	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	154,848	177,966	150,018	-3.1	-15.7
Cheese					
American types ¹	427,638	442,282	438,248	2.5	-0.9
Cheddar	307,403	317,737	310,615	1.0	-2.2
Other American types	120,235	124,545	127,633	6.2	2.5
Blue and Gorgonzola	8,758	4,447	7,040	-19.6	58.3
Brick and Muenster	16,749	17,585	16,715	-0.2	-4.9
Cream and Neufchatel	71,339	77,255	87,431	22.6	13.2
Feta	11,539	10,186	8,615	-25.3	-15.4
Gouda	3,330	2,744	3,862	16.0	40.7
Hispanic	25,877	29,658	28,507	10.2	-3.9
Italian types	461,688	480,614	475,313	3.0	-1.1
Mozzarella	370,364	378,291	384,815	3.9	1.7
Parmesan	32,682	35,211	29,747	-9.0	-15.5
Provolone	31,166	33,239	31,356	0.6	-5.7
Ricotta	16,645	22,659	18,990	14.1	-16.2
Romano	4,676	4,797	4,410	-5.7	-8.1
Other Italian types	6,155	6,417	5,995	-2.6	-6.6
Swiss	28,290	24,252	26,053	-7.9	7.4
All other types	12,494	11,982	12,875	3.0	7.5
Total cheese ²	1,067,702	1,101,005	1,104,659	3.5	0.3
Cottage cheese, curd ³	31,947	33,063	31,962	-	-3.3
Cottage cheese, cream ⁴	28,265	31,976	31,077	9.9	-2.8
Cottage cheese, lowfat ⁵	25,433	25,959	25,455	0.1	-1.9
Sour cream	111,416	136,118	123,024	10.4	-9.6
Yogurt, plain and flavored	364,013	372,064	390,015	7.1	4.8
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	64,920	64,092	71,234	9.7	11.1
Ice cream, lowfat, hard	22,034	22,489	23,395	6.2	4.0
Ice cream, lowfat, soft	22,330	21,200	21,324	-4.5	0.6
Ice cream, lowfat, total ⁶	44,364	43,689	44,719	0.8	2.4
Ice cream, nonfat, hard	684	408	576	-15.8	41.2
Sherbet, hard	3,166	2,614	3,502	10.6	34.0
Frozen yogurt, total	5,641	6,038	5,405	-4.2	-10.5
Regular and lowfat, hard	1,316	1,225	1,190	-9.6	-2.9
Nonfat, hard	564	267	454	-19.5	70.0
Other frozen dairy products	1,988	942	1,110	-44.2	17.8
Water and juice ices	7,560	6,731	7,035	-6.9	4.5
Mix for frozen products					
Ice cream, regular, mix	40,750	42,062	48,211	18.3	14.6
Ice cream, lowfat, mix ⁷	23,384	24,531	25,082	7.3	2.2
Ice cream, nonfat, mix	461	292	412	-10.6	41.1
Sherbet mix	2,120	1,713	2,448	15.5	42.9
Yogurt mix	2,786	2,364	2,652	-4.8	12.2

- Represents zero.

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 2019 and 2020**

Product	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	10,752	6,680	6,526	-39.3	-2.3
Dry whey products					
Dry whey, human	81,722	85,445	84,106	2.9	-1.6
Dry whey, animal	1,254	1,089	1,263	0.7	16.0
Dry whey, total	82,976	86,534	85,369	2.9	-1.3
Reduced lactose and minerals					
Human	1,696	1,741	1,819	7.3	4.5
Animal	2,921	2,932	3,020	3.4	3.0
Whey protein concentrate					
Human ²	38,840	38,509	39,100	0.7	1.5
Animal ²	676	1,206	383	-43.3	-68.2
Total ²	39,516	39,715	39,483	-0.1	-0.6
25.0-49.9 percent ³	13,628	13,882	13,689	0.4	-1.4
50.0-89.9 percent ³	25,888	25,833	25,794	-0.4	-0.2
Whey protein isolates ⁴	10,564	10,675	10,258	-2.9	-3.9
Lactose, human and animal	108,551	94,059	101,076	-6.9	7.5
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	67,246	83,979	83,387	24.0	-0.7
Dry whey, animal	1,068	810	1,078	0.9	33.1
Dry whey, total	68,314	84,789	84,465	23.6	-0.4
Reduced Lactose and minerals					
Human and animal ⁶	5,697	5,101	5,429	-4.7	6.4
Whey protein concentrate					
Human ²	56,241	66,645	66,911	19.0	0.4
Animal ²	1,050	1,191	1,154	9.9	-3.1
Total ²	57,291	67,836	68,065	18.8	0.3
25.0-49.9 percent ³	21,375	25,983	25,891	21.1	-0.4
50.0-89.9 percent ³	35,916	41,853	42,174	17.4	0.8
Whey protein isolates ⁴	18,571	16,476	15,612	-15.9	-5.2
Lactose, human and animal	117,096	98,314	95,690	-18.3	-2.7
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	21.6	24.0	22.8	1.2	-1.2

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 2019 and 2020**

Product	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	134,661	125,151	121,989	-9.4	-2.5
Dry milk products					
Dry buttermilk, total	8,354	12,072	9,008	7.8	-25.4
Dry skim milk, animal	750	1,077	731	-2.5	-32.1
Dry whole milk	13,392	14,384	10,349	-22.7	-28.1
Milk protein concentrate, total ¹	19,707	13,630	18,210	-7.6	33.6
Nonfat dry milk, human	157,948	158,591	146,689	-7.1	-7.5
Skim milk powder, total ²	52,062	47,070	61,253	17.7	30.1
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	14,026	24,633	24,178	72.4	-1.8
Dry skim milk, animal	3,417	11,303	9,436	176.1	-16.5
Dry whole milk	39,884	16,477	25,927	-35.0	57.4
Nonfat dry milk, human	291,181	345,716	289,048	-0.7	-16.4
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	141,846	204,717	198,197	39.7	-3.2

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: 2019 and 2020

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese ¹						
January	1,116,577	1,110,515	-0.5	1,116,577	1,110,515	-0.5
February	1,003,696	1,031,672	2.8	2,120,273	2,142,187	1.0
March	1,122,414	1,124,028	0.1	3,242,687	3,266,215	0.7
April	1,085,010	1,063,753	-2.0	4,327,697	4,329,968	0.1
May	1,105,886	1,101,005	-0.4	5,433,583	5,430,973	-
June	1,067,702	1,104,659	3.5	6,501,285	6,535,632	0.5
July	1,087,602			7,588,887		
August	1,113,646			8,702,533		
September	1,080,526			9,783,059		
October	1,138,241			10,921,300		
November	1,093,397			12,014,697		
December	1,122,546			13,137,243		
Total American cheese types ²						
January	451,964	437,451	-3.2	451,964	437,451	-3.2
February	399,112	418,605	4.9	851,076	856,056	0.6
March	442,723	450,058	1.7	1,293,799	1,306,114	1.0
April	430,539	447,044	3.8	1,724,338	1,753,158	1.7
May	443,683	442,282	-0.3	2,168,021	2,195,440	1.3
June	427,638	438,248	2.5	2,595,659	2,633,688	1.5
July	434,449			3,030,108		
August	452,030			3,482,138		
September	415,687			3,897,825		
October	445,601			4,343,426		
November	432,438			4,775,864		
December	456,378			5,232,242		
Cheddar cheese						
January	336,801	319,240	-5.2	336,801	319,240	-5.2
February	289,258	302,408	4.5	626,059	621,648	-0.7
March	315,229	318,292	1.0	941,288	939,940	-0.1
April	306,510	330,891	8.0	1,247,798	1,270,831	1.8
May	321,122	317,737	-1.1	1,568,920	1,588,568	1.3
June	307,403	310,615	1.0	1,876,323	1,899,183	1.2
July	305,911			2,182,234		
August	321,190			2,503,424		
September	284,142			2,787,566		
October	309,584			3,097,150		
November	309,223			3,406,373		
December	330,369			3,736,742		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2019 and 2020 (continued)

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	483,211	485,398	0.5	483,211	485,398	0.5
February	440,425	448,190	1.8	923,636	933,588	1.1
March	493,275	486,865	-1.3	1,416,911	1,420,453	0.2
April	475,467	451,068	-5.1	1,892,378	1,871,521	-1.1
May	474,522	480,614	1.3	2,366,900	2,352,135	-0.6
June	461,688	475,313	3.0	2,828,588	2,827,448	-
July	463,865			3,292,453		
August	466,578			3,759,031		
September	470,642			4,229,673		
October	485,559			4,715,232		
November	471,962			5,187,194		
December	483,331			5,670,525		
Mozzarella						
January	381,103	381,983	0.2	381,103	381,983	0.2
February	346,363	353,200	2.0	727,466	735,183	1.1
March	391,166	388,257	-0.7	1,118,632	1,123,440	0.4
April	372,686	351,712	-5.6	1,491,318	1,475,152	-1.1
May	374,770	378,291	0.9	1,866,088	1,853,443	-0.7
June	370,364	384,815	3.9	2,236,452	2,238,258	0.1
July	368,167			2,604,619		
August	370,384			2,975,003		
September	375,726			3,350,729		
October	384,612			3,735,341		
November	375,266			4,110,607		
December	383,976			4,494,583		
Other Italian cheese types						
January	6,968	6,809	-2.3	6,968	6,809	-2.3
February	6,184	5,896	-4.7	13,152	12,705	-3.4
March	7,465	6,687	-10.4	20,617	19,392	-5.9
April	6,725	5,103	-24.1	27,342	24,495	-10.4
May	6,450	6,417	-0.5	33,792	30,912	-8.5
June	6,155	5,995	-2.6	39,947	36,907	-7.6
July	6,898			46,845		
August	7,143			53,988		
September	7,017			61,005		
October	5,698			66,703		
November	6,714			73,417		
December	7,123			80,540		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2019 and 2020 (continued)

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	199,038	193,422	-2.8	199,038	193,422	-2.8
February	172,171	188,035	9.2	371,209	381,457	2.8
March	180,694	195,886	8.4	551,903	577,343	4.6
April	172,371	217,531	26.2	724,274	794,874	9.7
May	170,044	177,966	4.7	894,318	972,840	8.8
June	154,848	150,018	-3.1	1,049,166	1,122,858	7.0
July	150,705			1,199,871		
August	141,323			1,341,194		
September	144,334			1,485,528		
October	162,921			1,648,449		
November	161,852			1,810,301		
December	183,774			1,994,075		
Nonfat dry milk, human						
January	177,280	176,259	-0.6	177,280	176,259	-0.6
February	153,417	159,128	3.7	330,697	335,387	1.4
March	161,829	172,389	6.5	492,526	507,776	3.1
April	167,758	195,159	16.3	660,284	702,935	6.5
May	173,666	158,591	-8.7	833,950	861,526	3.3
June	157,948	146,689	-7.1	991,898	1,008,215	1.6
July	172,329			1,164,227		
August	132,525			1,296,752		
September	117,806			1,414,558		
October	132,716			1,547,274		
November	138,880			1,686,154		
December	164,869			1,851,023		
Skim milk powder, total ³						
January	36,153	40,119	11.0	36,153	40,119	11.0
February	33,901	38,434	13.4	70,054	78,553	12.1
March	48,274	40,843	-15.4	118,328	119,396	0.9
April	46,244	40,394	-12.7	164,572	159,790	-2.9
May	26,604	47,070	76.9	191,176	206,860	8.2
June	52,062	61,253	17.7	243,238	268,113	10.2
July	46,708			289,946		
August	60,768			350,714		
September	58,764			409,478		
October	47,386			456,864		
November	50,955			507,819		
December	64,893			572,712		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2019 and 2020 (continued)

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ⁴						
January	82,765	84,272	1.8	82,765	84,272	1.8
February	76,146	76,490	0.5	158,911	160,762	1.2
March	77,378	82,100	6.1	236,289	242,862	2.8
April	74,998	77,844	3.8	311,287	320,706	3.0
May	79,090	86,534	9.4	390,377	407,240	4.3
June	82,976	85,369	2.9	473,353	492,609	4.1
July	82,906			556,259		
August	84,897			641,156		
September	90,627			731,783		
October	90,843			822,626		
November	75,111			897,737		
December	79,821			977,558		
Lactose, human and animal						
January	112,832	87,796	-22.2	112,832	87,796	-22.2
February	98,231	87,435	-11.0	211,063	175,231	-17.0
March	114,157	97,498	-14.6	325,220	272,729	-16.1
April	108,057	91,183	-15.6	433,277	363,912	-16.0
May	109,722	94,059	-14.3	542,999	457,971	-15.7
June	108,551	101,076	-6.9	651,550	559,047	-14.2
July	106,989			758,539		
August	95,074			853,613		
September	95,488			949,101		
October	96,493			1,045,594		
November	88,375			1,133,969		
December	93,634			1,227,603		
Whey protein concentrate, total						
January	43,871	41,935	-4.4	43,871	41,935	-4.4
February	38,551	35,600	-7.7	82,422	77,535	-5.9
March	42,026	39,800	-5.3	124,448	117,335	-5.7
April	40,639	38,650	-4.9	165,087	155,985	-5.5
May	41,911	39,715	-5.2	206,998	195,700	-5.5
June	39,516	39,483	-0.1	246,514	235,183	-4.6
July	39,802			286,316		
August	39,903			326,219		
September	40,068			366,287		
October	40,672			406,959		
November	40,696			447,655		
December	43,106			490,761		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2019 and 2020 (continued)

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	30,354	27,622	-9.0	30,354	27,622	-9.0
February	28,399	26,172	-7.8	58,753	53,794	-8.4
March	29,846	32,439	8.7	88,599	86,233	-2.7
April	30,945	32,946	6.5	119,544	119,179	-0.3
May	29,312	31,976	9.1	148,856	151,155	1.5
June	28,265	31,077	9.9	177,121	182,232	2.9
July	32,350			209,471		
August	31,495			240,966		
September	29,488			270,454		
October	31,956			302,410		
November	27,025			329,435		
December	28,427			357,862		
Cottage cheese, lowfat						
January	29,450	26,333	-10.6	29,450	26,333	-10.6
February	26,863	24,434	-9.0	56,313	50,767	-9.8
March	27,765	27,693	-0.3	84,078	78,460	-6.7
April	29,039	28,300	-2.5	113,117	106,760	-5.6
May	27,512	25,959	-5.6	140,629	132,719	-5.6
June	25,433	25,455	0.1	166,062	158,174	-4.8
July	29,611			195,673		
August	29,747			225,420		
September	26,427			251,847		
October	27,922			279,769		
November	24,008			303,777		
December	23,879			327,656		
Sour cream						
January	122,056	121,591	-0.4	122,056	121,591	-0.4
February	103,082	101,869	-1.2	225,138	223,460	-0.7
March	108,617	118,779	9.4	333,755	342,239	2.5
April	117,973	111,887	-5.2	451,728	454,126	0.5
May	120,332	136,118	13.1	572,060	590,244	3.2
June	111,416	123,024	10.4	683,476	713,268	4.4
July	118,403			801,879		
August	119,252			921,131		
September	111,282			1,032,413		
October	133,320			1,165,733		
November	129,785			1,295,518		
December	130,139			1,425,657		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2019 and 2020 (continued)

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	53,064	52,157	-1.7	53,064	52,157	-1.7
February	53,369	52,484	-1.7	106,433	104,641	-1.7
March	65,957	63,707	-3.4	172,390	168,348	-2.3
April	64,681	63,059	-2.5	237,071	231,407	-2.4
May	67,414	64,092	-4.9	304,485	295,499	-3.0
June	64,920	71,234	9.7	369,405	366,733	-0.7
July	64,846			434,251		
August	64,242			498,493		
September	58,155			556,648		
October	58,581			615,229		
November	46,927			662,156		
December	47,039			709,195		
Ice cream, lowfat total						
January	33,457	30,886	-7.7	33,457	30,886	-7.7
February	35,760	33,278	-6.9	69,217	64,164	-7.3
March	42,538	38,109	-10.4	111,755	102,273	-8.5
April	44,505	35,531	-20.2	156,260	137,804	-11.8
May	47,873	43,689	-8.7	204,133	181,493	-11.1
June	44,364	44,719	0.8	248,497	226,212	-9.0
July	43,582			292,079		
August	42,021			334,100		
September	37,206			371,306		
October	36,315			407,621		
November	29,068			436,689		
December	28,110			464,799		
Sherbet, hard						
January	2,437	2,577	5.7	2,437	2,577	5.7
February	2,700	3,021	11.9	5,137	5,598	9.0
March	3,225	3,056	-5.2	8,362	8,654	3.5
April	3,067	2,759	-10.0	11,429	11,413	-0.1
May	3,191	2,614	-18.1	14,620	14,027	-4.1
June	3,166	3,502	10.6	17,786	17,529	-1.4
July	2,795			20,581		
August	2,382			22,963		
September	2,703			25,666		
October	2,445			28,111		
November	2,053			30,164		
December	2,056			32,220		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2019 and 2020 (continued)

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

Product and month	Monthly			Cumulative		
	2019	2020	Change from 2019	2019	2020	Change from 2019
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	369,301	347,758	-5.8	369,301	347,758	-5.8
February	375,622	375,155	-0.1	744,923	722,913	-3.0
March	399,699	418,060	4.6	1,144,622	1,140,973	-0.3
April	379,341	363,628	-4.1	1,523,963	1,504,601	-1.3
May	354,516	372,064	4.9	1,878,479	1,876,665	-0.1
June	364,013	390,015	7.1	2,242,492	2,266,680	1.1
July	348,614			2,591,106		
August	377,322			2,968,428		
September	381,495			3,349,923		
October	357,443			3,707,366		
November	319,612			4,026,978		
December	348,979			4,375,957		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	4,081	4,032	-1.2	4,081	4,032	-1.2
February	5,761	4,160	-27.8	9,842	8,192	-16.8
March	5,691	5,577	-2.0	15,533	13,769	-11.4
April	5,083	4,762	-6.3	20,616	18,531	-10.1
May	6,491	6,038	-7.0	27,107	24,569	-9.4
June	5,641	5,405	-4.2	32,748	29,974	-8.5
July	5,722			38,470		
August	7,963			46,433		
September	4,522			50,955		
October	4,390			55,345		
November	3,868			59,213		
December	2,916			62,129		

- Represents zero.

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 and United States: June 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	203,714	209,635	203,628	-	-2.9
Idaho	86,081	80,649	87,255	1.4	8.2
Illinois	7,070	5,177	5,419	-23.4	4.7
Iowa	26,361	28,244	29,244	10.9	3.5
Minnesota	61,203	61,558	61,796	1.0	0.4
New Jersey	3,994	5,191	5,044	26.3	-2.8
New Mexico	76,984	81,408	80,631	4.7	-1.0
New York	65,762	71,011	65,790	-	-7.4
Ohio	18,175	20,190	19,696	8.4	-2.4
Oregon	17,212	19,121	18,232	5.9	-4.6
Pennsylvania	34,610	34,940	35,231	1.8	0.8
South Dakota	28,764	37,655	35,741	24.3	-5.1
Vermont	11,371	11,991	11,991	5.5	-
Wisconsin	278,804	279,391	281,532	1.0	0.8
Other States ¹	147,597	154,844	163,429	10.7	5.5
United States	1,067,702	1,101,005	1,104,659	3.5	0.3
Atlantic	126,290	133,706	128,506	1.8	-3.9
Central	493,352	509,525	516,155	4.6	1.3
West	448,060	457,774	459,998	2.7	0.5

- Represents zero.

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 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	49,098	48,739	47,659	-2.9	-2.2
Idaho	51,508	48,580	49,397	-4.1	1.7
Iowa	16,717	16,789	16,476	-1.4	-1.9
Minnesota	51,594	51,557	52,984	2.7	2.8
New York	12,638	12,296	12,638	-	2.8
Oregon	17,099	18,995	18,113	5.9	-4.6
Wisconsin	82,633	87,552	85,300	3.2	-2.6
Other States ¹	146,351	157,774	155,681	6.4	-1.3
United States	427,638	442,282	438,248	2.5	-0.9
Atlantic	28,208	28,382	28,157	-0.2	-0.8
Central	213,321	221,418	222,138	4.1	0.3
West	186,109	192,482	187,953	1.0	-2.4

- Represents zero.

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 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	26,063	23,751	22,654	-13.1	-4.6
Iowa	8,553	8,754	8,421	-1.5	-3.8
Minnesota	50,271	50,287	49,613	-1.3	-1.3
Oregon	15,137	16,280	16,636	9.9	2.2
Vermont	8,051	8,600	8,292	3.0	-3.6
Wisconsin	58,635	61,991	59,500	1.5	-4.0
Other States ¹	140,693	148,074	145,499	3.4	-1.7
United States	307,403	317,737	310,615	1.0	-2.2
Atlantic	26,601	26,746	26,705	0.4	-0.2
Central	155,051	158,002	154,046	-0.6	-2.5
West	125,751	132,989	129,864	3.3	-2.3

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 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	135,961	142,010	134,625	-1.0	-5.2
Idaho	28,783	26,046	32,961	14.5	26.5
Minnesota	9,287	9,807	8,685	-6.5	-11.4
New Jersey	1,837	2,644	2,598	41.4	-1.7
New York	28,885	31,246	28,913	0.1	-7.5
Pennsylvania	22,378	23,171	20,921	-6.5	-9.7
Wisconsin	140,159	138,918	139,789	-0.3	0.6
Other States ¹	94,398	106,772	106,821	13.2	-
United States	461,688	480,614	475,313	3.0	-1.1
Atlantic	57,133	60,716	56,433	-1.2	-7.1
Central	186,168	196,143	192,056	3.2	-2.1
West	218,387	223,755	226,824	3.9	1.4

- Represents zero.

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 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	125,939	131,201	127,229	1.0	-3.0
Idaho	28,036	25,674	32,312	15.3	25.9
New Jersey	1,115	1,242	1,366	22.5	10.0
New York	16,789	16,732	16,880	0.5	0.9
Pennsylvania	18,964	18,521	16,919	-10.8	-8.6
Wisconsin	93,990	92,025	93,300	-0.7	1.4
Other States ¹	85,531	92,896	96,809	13.2	4.2
United States	370,364	378,291	384,815	3.9	1.7
Atlantic	39,166	38,067	37,460	-4.4	-1.6
Central	125,059	129,880	130,154	4.1	0.2
West	206,139	210,344	217,201	5.4	3.3

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

Butter Production – States and United States: June 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	45,524	55,557	49,225	8.1	-11.4
New York	2,543	2,050	2,044	-19.6	-0.3
Pennsylvania	6,894	8,117	7,833	13.6	-3.5
Other States ¹	99,887	112,242	90,916	-9.0	-19.0
United States	154,848	177,966	150,018	-3.1	-15.7
Atlantic	14,824	16,370	14,335	-3.3	-12.4
Central	59,583	68,235	54,912	-7.8	-19.5
West	80,441	93,361	80,771	0.4	-13.5

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 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	44,623	57,791	48,147	7.9	-16.7
Pennsylvania	16,344	16,434	13,996	-14.4	-14.8
Other States ¹	96,981	84,366	84,546	-12.8	0.2
United States	157,948	158,591	146,689	-7.1	-7.5
Atlantic	34,879	31,373	29,514	-15.4	-5.9
Central	33,458	34,077	37,545	12.2	10.2
West	89,611	93,141	79,630	-11.1	-14.5

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 2019 and 2020

State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	12,259	12,132	11,826	-3.5	-2.5
Wisconsin	26,049	26,900	25,889	-0.6	-3.8
Other States ¹	43,414	46,413	46,391	6.9	-
United States	81,722	85,445	84,106	2.9	-1.6
Atlantic	22,552	22,630	21,770	-3.5	-3.8
Central	37,548	43,494	42,126	12.2	-3.1
West	21,622	19,321	20,210	-6.5	4.6

- Represents zero.

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 2019 and 2020

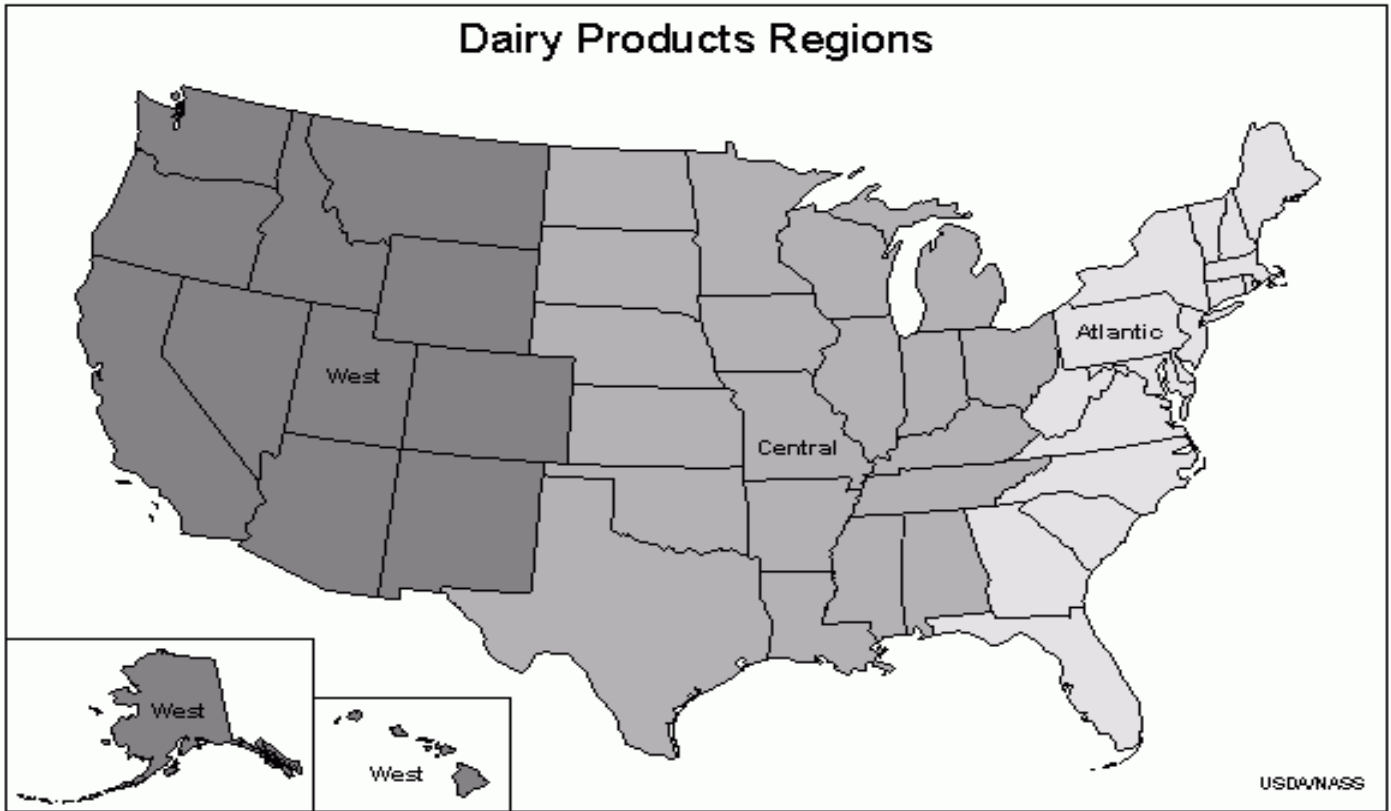
State	June 2019	May 2020	June 2020	Change from	
				June 2019	May 2020
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	5,521	5,933	7,094	28.5	19.6
Connecticut	1,094	1,159	1,256	14.8	8.4
Missouri	3,337	2,714	2,877	-13.8	6.0
New Jersey ¹	99	(NA)	(NA)	(NA)	(NA)
New York	2,193	2,367	2,349	7.1	-0.8
Ohio	2,450	2,781	2,885	17.8	3.7
Oregon	1,242	1,061	1,582	27.4	49.1
Pennsylvania	3,426	3,273	3,528	3.0	7.8
Tennessee	1,753	970	2,000	14.1	106.2
Utah	2,050	1,915	2,265	10.5	18.3
Wisconsin	1,174	538	578	-50.8	7.4
Other States ²	40,581	41,381	44,820	10.4	8.3
United States	64,920	64,092	71,234	9.7	11.1
Atlantic	13,152	13,936	14,894	13.2	6.9
Central	40,846	39,060	43,395	6.2	11.1
West	10,922	11,096	12,945	18.5	16.7

(NA) Not available.

¹ Included in Other States in 2020.

² 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 2019, there were 1,266 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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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- 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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