



# Dairy Products

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## October 2020 Highlights

**Total cheese** output (excluding cottage cheese) was 1.13 billion pounds, 0.6 percent below October 2019 but 3.2 percent above September 2020.

**Italian type cheese** production totaled 469 million pounds, 3.4 percent below October 2019 but 1.3 percent above September 2020.

**American type cheese** production totaled 461 million pounds, 3.5 percent above October 2019 and 6.1 percent above September 2020.

**Butter** production was 165 million pounds, 1.2 percent above October 2019 and 8.8 percent above September 2020.

### **Dry milk products** (comparisons in percentage with October 2019)

Nonfat dry milk, human - 138 million pounds, up 4.3 percent.

Skim milk powder - 57.2 million pounds, up 20.7 percent.

### **Whey products** (comparisons in percentage with October 2019)

Dry whey, total - 80.2 million pounds, down 11.8 percent.

Lactose, human and animal - 95.9 million pounds, down 0.7 percent.

Whey protein concentrate, total - 40.8 million pounds, up 0.3 percent.

### **Frozen products** (comparisons in percentage with October 2019)

Ice cream, regular (hard) - 62.7 million gallons, up 7.1 percent.

Ice cream, lowfat (total) - 35.5 million gallons, down 2.3 percent.

Sherbet (hard) - 2.84 million gallons, up 16.0 percent.

Frozen yogurt (total) - 4.43 million gallons, up 0.9 percent.

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

Product	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	162,921	151,612	164,937	1.2	8.8
<b>Cheese</b>					
American types <sup>1</sup> .....	445,601	434,659	461,097	3.5	6.1
Cheddar .....	309,584	306,953	326,914	5.6	6.5
Other American types .....	136,017	127,706	134,183	-1.3	5.1
Blue and Gorgonzola .....	9,270	6,611	6,491	-30.0	-1.8
Brick and Muenster .....	19,217	15,002	16,465	-14.3	9.8
Cream and Neufchatel .....	89,440	93,081	90,352	1.0	-2.9
Feta .....	11,074	10,715	10,450	-5.6	-2.5
Gouda .....	4,152	2,850	3,755	-9.6	31.8
Hispanic .....	30,543	29,984	30,745	0.7	2.5
Italian types .....	485,559	463,126	469,217	-3.4	1.3
Mozzarella .....	384,612	365,058	366,046	-4.8	0.3
Parmesan .....	32,349	33,636	36,398	12.5	8.2
Provolone .....	34,272	31,353	33,428	-2.5	6.6
Ricotta .....	23,459	22,241	22,944	-2.2	3.2
Romano .....	5,169	3,918	3,783	-26.8	-3.4
Other Italian types .....	5,698	6,920	6,618	16.1	-4.4
Swiss .....	29,136	27,612	28,548	-2.0	3.4
All other types .....	14,249	13,046	14,817	4.0	13.6
<b>Total cheese</b> <sup>2</sup> .....	<b>1,138,241</b>	<b>1,096,686</b>	<b>1,131,937</b>	<b>-0.6</b>	<b>3.2</b>
Cottage cheese, curd <sup>3</sup> .....	33,497	35,704	35,454	5.8	-0.7
Cottage cheese, cream <sup>4</sup> .....	31,956	35,592	33,414	4.6	-6.1
Cottage cheese, lowfat <sup>5</sup> .....	27,922	28,120	29,271	4.8	4.1
Sour cream .....	133,320	121,426	139,724	4.8	15.1
Yogurt, plain and flavored .....	357,443	388,829	382,872	7.1	-1.5
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	58,581	65,078	62,744	7.1	-3.6
Ice cream, lowfat, hard .....	19,178	22,062	20,022	4.4	-9.2
Ice cream, lowfat, soft .....	17,137	18,060	15,469	-9.7	-14.3
Ice cream, lowfat, total <sup>6</sup> .....	36,315	40,122	35,491	-2.3	-11.5
Ice cream, nonfat, hard .....	546	425	648	18.7	52.5
Sherbet, hard .....	2,445	3,076	2,836	16.0	-7.8
Frozen yogurt, total .....	4,390	4,463	4,431	0.9	-0.7
Regular and lowfat, hard .....	852	892	838	-1.6	-6.1
Nonfat, hard .....	376	432	331	-12.0	-23.4
Other frozen dairy products .....	1,346	1,352	1,386	3.0	2.5
Water and juice ices .....	5,401	5,984	5,450	0.9	-8.9
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	35,726	43,604	40,923	14.5	-6.1
Ice cream, lowfat, mix <sup>7</sup> .....	16,999	22,426	19,801	16.5	-11.7
Ice cream, nonfat, mix .....	361	344	495	37.1	43.9
Sherbet mix .....	1,700	2,385	2,181	28.3	-8.6
Yogurt mix .....	1,883	2,080	1,717	-8.8	-17.5

<sup>1</sup> Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

<sup>2</sup> Excludes Cottage Cheese.

<sup>3</sup> Mostly used for processing into cream or lowfat cottage cheese.

<sup>4</sup> Fat content 4 percent or more.

<sup>5</sup> Fat content less than 4 percent.

<sup>6</sup> Includes freezer-made milkshake.

<sup>7</sup> Includes milkshake mix.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:  
October 2019 and 2020**

Product	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	9,633	6,285	6,178	-35.9	-1.7
Dry whey products					
Dry whey, human .....	89,778	73,367	79,125	-11.9	7.8
Dry whey, animal .....	1,065	1,391	1,025	-3.8	-26.3
Dry whey, total .....	90,843	74,758	80,150	-11.8	7.2
Reduced lactose and minerals					
Human .....	1,511	2,517	1,739	15.1	-30.9
Animal .....	2,809	2,809	2,810	-	-
Whey protein concentrate					
Human <sup>2</sup> .....	39,428	38,923	40,377	2.4	3.7
Animal <sup>2</sup> .....	1,244	477	416	-66.6	-12.8
Total <sup>2</sup> .....	40,672	39,400	40,793	0.3	3.5
25.0-49.9 percent <sup>3</sup> .....	13,979	13,478	14,813	6.0	9.9
50.0-89.9 percent <sup>3</sup> .....	26,693	25,922	25,980	-2.7	0.2
Whey protein isolates <sup>4</sup> .....	9,675	9,767	10,801	11.6	10.6
Lactose, human and animal .....	96,493	98,634	95,858	-0.7	-2.8
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	77,952	77,994	67,119	-13.9	-13.9
Dry whey, animal .....	1,504	1,368	998	-33.6	-27.0
Dry whey, total .....	79,456	79,362	68,117	-14.3	-14.2
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	4,908	5,601	5,599	14.1	-
Whey protein concentrate					
Human <sup>2</sup> .....	64,996	63,317	62,890	-3.2	-0.7
Animal <sup>2</sup> .....	1,387	734	808	-41.7	10.1
Total <sup>2</sup> .....	66,383	64,051	63,698	-4.0	-0.6
25.0-49.9 percent <sup>3</sup> .....	22,593	23,459	26,102	15.5	11.3
50.0-89.9 percent <sup>3</sup> .....	43,790	40,592	37,596	-14.1	-7.4
Whey protein isolates <sup>4</sup> .....	16,875	15,241	14,943	-11.4	-2.0
Lactose, human and animal .....	108,511	104,731	104,373	-3.8	-0.3
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	18.5	18.1	20.9	2.4	2.8

- Represents zero.

<sup>1</sup> 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.

<sup>2</sup> Whey protein concentrate, 25.0 to 89.9 percent.

<sup>3</sup> Whey protein concentrate, human and animal.

<sup>4</sup> Whey protein isolate, 90.0 percent or greater.

<sup>5</sup> Stocks held by manufacturers at all points and in transit.

<sup>6</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>7</sup> 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:  
October 2019 and 2020**

Product	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	113,608	104,713	109,378	-3.7	4.5
Dry milk products					
Dry buttermilk, total .....	8,905	9,333	8,121	-8.8	-13.0
Dry skim milk, animal .....	710	729	716	0.8	-1.8
Dry whole milk .....	8,130	10,391	12,095	48.8	16.4
Milk protein concentrate, total <sup>1</sup> .....	13,529	12,756	18,371	35.8	44.0
Nonfat dry milk, human .....	132,716	125,980	138,372	4.3	9.8
Skim milk powder, total <sup>2</sup> .....	47,386	72,450	57,175	20.7	-21.1
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Dry milk products					
Dry buttermilk, total .....	12,413	20,512	17,126	38.0	-16.5
Dry skim milk, animal .....	6,521	9,216	8,976	37.6	-2.6
Dry whole milk .....	18,701	12,616	13,484	-27.9	6.9
Nonfat dry milk, human .....	217,923	233,291	234,888	7.8	0.7
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	151,222	146,701	134,017	-11.4	-8.6

<sup>1</sup> Dry milk protein concentrate, 40-89.9 percent.

<sup>2</sup> Includes protein standardized and blends.

<sup>3</sup> Stocks held by manufacturers at all points and in transit.

<sup>4</sup> 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)
<b>Total cheese <sup>1</sup></b>						
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	1,111,446	4.1	6,501,285	6,542,419	0.6
July .....	1,087,602	1,107,633	1.8	7,588,887	7,650,052	0.8
August .....	1,113,646	1,085,226	-2.6	8,702,533	8,735,278	0.4
September .....	1,080,526	1,096,686	1.5	9,783,059	9,831,964	0.5
October .....	1,138,241	1,131,937	-0.6	10,921,300	10,963,901	0.4
November .....	1,093,397			12,014,697		
December .....	1,122,546			13,137,243		
<b>Total American cheese types <sup>2</sup></b>						
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	436,406	2.1	2,595,659	2,631,846	1.4
July .....	434,449	454,712	4.7	3,030,108	3,086,558	1.9
August .....	452,030	447,095	-1.1	3,482,138	3,533,653	1.5
September .....	415,687	434,659	4.6	3,897,825	3,968,312	1.8
October .....	445,601	461,097	3.5	4,343,426	4,429,409	2.0
November .....	432,438			4,775,864		
December .....	456,378			5,232,242		
<b>Cheddar cheese</b>						
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	309,012	0.5	1,876,323	1,897,580	1.1
July .....	305,911	323,991	5.9	2,182,234	2,221,571	1.8
August .....	321,190	324,030	0.9	2,503,424	2,545,601	1.7
September .....	284,142	306,953	8.0	2,787,566	2,852,554	2.3
October .....	309,584	326,914	5.6	3,097,150	3,179,468	2.7
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)
<b>Total Italian cheese types</b>						
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	477,058	3.3	2,828,588	2,829,193	-
July .....	463,865	453,813	-2.2	3,292,453	3,283,006	-0.3
August .....	466,578	443,457	-5.0	3,759,031	3,726,463	-0.9
September .....	470,642	463,126	-1.6	4,229,673	4,189,589	-0.9
October .....	485,559	469,217	-3.4	4,715,232	4,658,806	-1.2
November .....	471,962			5,187,194		
December .....	483,331			5,670,525		
<b>Mozzarella</b>						
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	382,043	3.2	2,236,452	2,235,486	-
July .....	368,167	365,266	-0.8	2,604,619	2,600,752	-0.1
August .....	370,384	351,956	-5.0	2,975,003	2,952,708	-0.7
September .....	375,726	365,058	-2.8	3,350,729	3,317,766	-1.0
October .....	384,612	366,046	-4.8	3,735,341	3,683,812	-1.4
November .....	375,266			4,110,607		
December .....	383,976			4,494,583		
<b>Other Italian cheese types</b>						
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	5,975	-2.9	39,947	36,887	-7.7
July .....	6,898	5,299	-23.2	46,845	42,186	-9.9
August .....	7,143	6,051	-15.3	53,988	48,237	-10.7
September .....	7,017	6,920	-1.4	61,005	55,157	-9.6
October .....	5,698	6,618	16.1	66,703	61,775	-7.4
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)
<b>Butter</b>						
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	150,200	-3.0	1,049,166	1,123,040	7.0
July .....	150,705	154,883	2.8	1,199,871	1,277,923	6.5
August .....	141,323	151,631	7.3	1,341,194	1,429,554	6.6
September .....	144,334	151,612	5.0	1,485,528	1,581,166	6.4
October .....	162,921	164,937	1.2	1,648,449	1,746,103	5.9
November .....	161,852			1,810,301		
December .....	183,774			1,994,075		
<b>Nonfat dry milk, human</b>						
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	147,134	-6.8	991,898	1,008,660	1.7
July .....	172,329	163,198	-5.3	1,164,227	1,171,858	0.7
August .....	132,525	144,216	8.8	1,296,752	1,316,074	1.5
September .....	117,806	125,980	6.9	1,414,558	1,442,054	1.9
October .....	132,716	138,372	4.3	1,547,274	1,580,426	2.1
November .....	138,880			1,686,154		
December .....	164,869			1,851,023		
<b>Skim milk powder, total <sup>3</sup></b>						
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	51,220	9.7	289,946	319,333	10.1
August .....	60,768	61,233	0.8	350,714	380,566	8.5
September .....	58,764	72,450	23.3	409,478	453,016	10.6
October .....	47,386	57,175	20.7	456,864	510,191	11.7
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)
<b>Dry whey, total <sup>4</sup></b>						
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	84,795	2.2	473,353	492,035	3.9
July .....	82,906	84,826	2.3	556,259	576,861	3.7
August .....	84,897	78,818	-7.2	641,156	655,679	2.3
September .....	90,627	74,758	-17.5	731,783	730,437	-0.2
October .....	90,843	80,150	-11.8	822,626	810,587	-1.5
November .....	75,111			897,737		
December .....	79,821			977,558		
<b>Lactose, human and animal</b>						
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	101,024	-6.9	651,550	558,995	-14.2
July .....	106,989	100,628	-5.9	758,539	659,623	-13.0
August .....	95,074	97,385	2.4	853,613	757,008	-11.3
September .....	95,488	98,634	3.3	949,101	855,642	-9.8
October .....	96,493	95,858	-0.7	1,045,594	951,500	-9.0
November .....	88,375			1,133,969		
December .....	93,634			1,227,603		
<b>Whey protein concentrate, total</b>						
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	39,785	0.7	246,514	235,485	-4.5
July .....	39,802	39,600	-0.5	286,316	275,085	-3.9
August .....	39,903	39,512	-1.0	326,219	314,597	-3.6
September .....	40,068	39,400	-1.7	366,287	353,997	-3.4
October .....	40,672	40,793	0.3	406,959	394,790	-3.0
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)
<b>Cottage cheese, cream</b>						
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	31,008	9.7	177,121	182,163	2.8
July .....	32,350	32,769	1.3	209,471	214,932	2.6
August .....	31,495	32,431	3.0	240,966	247,363	2.7
September .....	29,488	35,592	20.7	270,454	282,955	4.6
October .....	31,956	33,414	4.6	302,410	316,369	4.6
November .....	27,025			329,435		
December .....	28,427			357,862		
<b>Cottage cheese, lowfat</b>						
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	25,505	0.3	166,062	158,224	-4.7
July .....	29,611	28,793	-2.8	195,673	187,017	-4.4
August .....	29,747	27,264	-8.3	225,420	214,281	-4.9
September .....	26,427	28,120	6.4	251,847	242,401	-3.8
October .....	27,922	29,271	4.8	279,769	271,672	-2.9
November .....	24,008			303,777		
December .....	23,879			327,656		
<b>Sour cream</b>						
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	121,962	9.5	683,476	712,206	4.2
July .....	118,403	113,206	-4.4	801,879	825,412	2.9
August .....	119,252	117,762	-1.2	921,131	943,174	2.4
September .....	111,282	121,426	9.1	1,032,413	1,064,600	3.1
October .....	133,320	139,724	4.8	1,165,733	1,204,324	3.3
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)
<b>Ice cream, regular hard</b>						
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	71,841	10.7	369,405	367,340	-0.6
July .....	64,846	71,669	10.5	434,251	439,009	1.1
August .....	64,242	68,997	7.4	498,493	508,006	1.9
September .....	58,155	65,078	11.9	556,648	573,084	3.0
October .....	58,581	62,744	7.1	615,229	635,828	3.3
November .....	46,927			662,156		
December .....	47,039			709,195		
<b>Ice cream, lowfat total</b>						
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	47,333	6.7	248,497	228,826	-7.9
July .....	43,582	47,669	9.4	292,079	276,495	-5.3
August .....	42,021	44,839	6.7	334,100	321,334	-3.8
September .....	37,206	40,122	7.8	371,306	361,456	-2.7
October .....	36,315	35,491	-2.3	407,621	396,947	-2.6
November .....	29,068			436,689		
December .....	28,110			464,799		
<b>Sherbet, hard</b>						
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	3,475	9.8	17,786	17,502	-1.6
July .....	2,795	3,037	8.7	20,581	20,539	-0.2
August .....	2,382	3,376	41.7	22,963	23,915	4.1
September .....	2,703	3,076	13.8	25,666	26,991	5.2
October .....	2,445	2,836	16.0	28,111	29,827	6.1
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)
<b>Yogurt, plain and flavored</b>						
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	396,538	8.9	2,242,492	2,273,203	1.4
July .....	348,614	365,970	5.0	2,591,106	2,639,173	1.9
August .....	377,322	382,283	1.3	2,968,428	3,021,456	1.8
September .....	381,495	388,829	1.9	3,349,923	3,410,285	1.8
October .....	357,443	382,872	7.1	3,707,366	3,793,157	2.3
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)
<b>Frozen yogurt, total</b>						
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	5,344	-5.3	32,748	29,913	-8.7
July .....	5,722	5,619	-1.8	38,470	35,532	-7.6
August .....	7,963	8,119	2.0	46,433	43,651	-6.0
September .....	4,522	4,463	-1.3	50,955	48,114	-5.6
October .....	4,390	4,431	0.9	55,345	52,545	-5.1
November .....	3,868			59,213		
December .....	2,916			62,129		

- Represents zero.

<sup>1</sup> Excludes Cottage Cheese.

<sup>2</sup> Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.

<sup>3</sup> Includes protein standardized and blends.

<sup>4</sup> Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States, United States, and Regions:  
October 2019 and 2020**

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	215,850	192,706	200,618	-7.1	4.1
Idaho .....	86,836	87,056	85,991	-1.0	-1.2
Illinois .....	7,033	5,638	6,064	-13.8	7.6
Iowa .....	29,564	30,598	29,425	-0.5	-3.8
Minnesota .....	60,373	58,039	64,594	7.0	11.3
New Jersey .....	5,737	5,570	6,076	5.9	9.1
New Mexico .....	81,107	77,394	81,381	0.3	5.2
New York .....	73,426	71,061	73,207	-0.3	3.0
Ohio .....	20,185	21,172	21,075	4.4	-0.5
Oregon .....	18,234	18,741	20,104	10.3	7.3
Pennsylvania .....	38,317	38,898	35,009	-8.6	-10.0
South Dakota .....	34,521	39,143	41,233	19.4	5.3
Vermont .....	12,290	12,270	12,476	1.5	1.7
Wisconsin .....	288,573	278,165	285,989	-0.9	2.8
Other States <sup>1</sup> .....	166,195	160,235	168,695	1.5	5.3
United States .....	1,138,241	1,096,686	1,131,937	-0.6	3.2
Atlantic .....	140,673	138,277	137,606	-2.2	-0.5
Central .....	523,598	512,559	534,749	2.1	4.3
West .....	473,970	445,850	459,582	-3.0	3.1

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

### American Cheese Production – States, United States, and Regions: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	48,426	45,967	50,033	3.3	8.8
Idaho .....	52,177	51,636	55,842	7.0	8.1
Iowa .....	17,475	19,077	15,668	-10.3	-17.9
Minnesota .....	51,134	47,083	53,695	5.0	14.0
New York .....	10,596	11,017	10,521	-0.7	-4.5
Oregon .....	18,129	18,639	19,995	10.3	7.3
Wisconsin .....	85,719	85,131	90,300	5.3	6.1
Other States <sup>1</sup> .....	161,945	156,109	165,043	1.9	5.7
United States .....	445,601	434,659	461,097	3.5	6.1
Atlantic .....	26,443	26,719	25,968	-1.8	-2.8
Central .....	226,110	219,736	234,266	3.6	6.6
West .....	193,048	188,204	200,863	4.0	6.7

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

### Cheddar Cheese Production – States, United States, and Regions: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	21,954	24,681	23,928	9.0	-3.1
Iowa .....	7,756	9,620	8,624	11.2	-10.4
Minnesota .....	49,015	46,719	52,853	7.8	13.1
Oregon .....	14,755	16,093	17,639	19.5	9.6
Vermont .....	8,428	8,174	7,967	-5.5	-2.5
Wisconsin .....	58,510	58,804	63,200	8.0	7.5
Other States <sup>1</sup> .....	149,166	142,862	152,703	2.4	6.9
United States .....	309,584	306,953	326,914	5.6	6.5
Atlantic .....	25,097	25,123	24,507	-2.4	-2.5
Central .....	157,458	148,601	164,284	4.3	10.6
West .....	127,029	133,229	138,123	8.7	3.7

<sup>1</sup> 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: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	144,078	125,445	128,421	-10.9	2.4
Idaho .....	28,352	31,083	25,280	-10.8	-18.7
Minnesota .....	8,847	10,700	10,631	20.2	-0.6
New Jersey .....	3,365	2,886	3,088	-8.2	7.0
New York .....	32,220	30,654	32,689	1.5	6.6
Pennsylvania .....	21,508	22,669	19,808	-7.9	-12.6
Wisconsin .....	141,900	133,240	137,045	-3.4	2.9
Other States <sup>1</sup> .....	105,289	106,449	112,255	6.6	5.5
United States .....	485,559	463,126	469,217	-3.4	1.3
Atlantic .....	61,573	60,278	60,074	-2.4	-0.3
Central .....	192,162	189,183	195,325	1.6	3.2
West .....	231,824	213,665	213,818	-7.8	0.1

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

## Mozzarella Cheese Production – States, United States, and Regions: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	134,159	116,695	118,315	-11.8	1.4
Idaho .....	27,971	30,356	24,757	-11.5	-18.4
New Jersey .....	1,759	1,377	1,571	-10.7	14.1
New York .....	15,631	14,820	15,942	2.0	7.6
Pennsylvania .....	17,813	18,713	16,722	-6.1	-10.6
Wisconsin .....	90,963	86,565	86,200	-5.2	-0.4
Other States <sup>1</sup> .....	96,316	96,532	102,539	6.5	6.2
United States .....	384,612	365,058	366,046	-4.8	0.3
Atlantic .....	37,972	37,897	37,004	-2.5	-2.4
Central .....	126,167	124,541	126,992	0.7	2.0
West .....	220,473	202,620	202,050	-8.4	-0.3

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

## Butter Production – States, United States, and Regions: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	48,963	48,443	54,605	11.5	12.7
New York .....	1,699	1,024	1,041	-38.7	1.7
Pennsylvania .....	7,786	6,579	8,169	4.9	24.2
Other States <sup>1</sup> .....	104,473	95,566	101,122	-3.2	5.8
United States .....	162,921	151,612	164,937	1.2	8.8
Atlantic .....	14,033	12,048	13,900	-0.9	15.4
Central .....	64,528	57,895	61,456	-4.8	6.2
West .....	84,360	81,669	89,581	6.2	9.7

<sup>1</sup> 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: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	48,168	40,632	44,302	-8.0	9.0
Pennsylvania .....	13,278	14,741	12,892	-2.9	-12.5
Other States <sup>1</sup> .....	71,270	70,607	81,178	13.9	15.0
United States .....	132,716	125,980	138,372	4.3	9.8
Atlantic .....	26,282	25,880	25,809	-1.8	-0.3
Central .....	23,526	27,596	33,455	42.2	21.2
West .....	82,908	72,504	79,108	-4.6	9.1

<sup>1</sup> 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: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	10,473	11,824	11,723	11.9	-0.9
Wisconsin .....	23,789	20,847	24,642	3.6	18.2
Other States <sup>1</sup> .....	55,516	40,696	42,760	-23.0	5.1
United States .....	89,778	73,367	79,125	-11.9	7.8
Atlantic .....	20,776	21,692	22,439	8.0	3.4
Central .....	37,477	30,680	35,473	-5.3	15.6
West .....	31,525	20,995	21,213	-32.7	1.0

<sup>1</sup> 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: October 2019 and 2020

State and region	October 2019	September 2020	October 2020	Change from	
				October 2019	September 2020
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	5,845	6,485	6,077	4.0	-6.3
Connecticut .....	1,339	1,295	1,247	-6.9	-3.7
Missouri .....	2,745	2,685	2,730	-0.5	1.7
New Jersey <sup>1</sup> .....	88	(NA)	(NA)	(NA)	(NA)
New York .....	2,108	1,937	2,307	9.4	19.1
Ohio .....	2,484	2,898	2,700	8.7	-6.8
Oregon .....	1,103	1,377	1,362	23.5	-1.1
Pennsylvania .....	2,782	3,882	4,061	46.0	4.6
Tennessee .....	1,712	1,929	1,736	1.4	-10.0
Utah .....	1,901	1,958	1,827	-3.9	-6.7
Wisconsin .....	586	843	764	30.4	-9.4
Other States <sup>2</sup> .....	35,888	39,789	37,933	5.7	-4.7
United States .....	58,581	65,078	62,744	7.1	-3.6
Atlantic .....	13,282	15,082	15,738	18.5	4.3
Central .....	34,017	37,990	36,142	6.2	-4.9
West .....	11,282	12,006	10,864	-3.7	-9.5

(NA) Not available.

<sup>1</sup> Included in Other States in 2020.

<sup>2</sup> 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](mailto:nass@usda.gov).

Travis Averill, Chief, Livestock Branch .....	(202) 692-0069
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter .....	(202) 690-8632
Holly Brenize – Sheep and Goats .....	(202) 720-0585
Ryan Cowen – Cattle, Cattle on Feed .....	(202) 720-3040
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448
Seth Riggins – Hogs and Pigs .....	(202) 720-3106

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov)
- 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](http://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](mailto: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](mailto:nass@usda.gov).

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