



# Dairy Products

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## January 2020 Highlights

**Total cheese** output (excluding cottage cheese) was 1.10 billion pounds, 0.4 percent above January 2019 but 2.3 percent below December 2019.

**Italian type cheese** production totaled 482 million pounds, 0.4 percent above January 2019 but 0.2 percent below December 2019.

**American type cheese** production totaled 436 million pounds, 0.7 percent below January 2019 and 4.9 percent below December 2019.

**Butter** production was 191 million pounds, 0.6 percent above January 2019 and 7.9 percent above December 2019.

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

Nonfat dry milk, human - 173 million pounds, up 0.3 percent.

Skim milk powder - 51.5 million pounds, up 29.5 percent.

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

Dry whey, total - 84.8 million pounds, up 4.4 percent.

Lactose, human and animal - 87.5 million pounds, down 21.6 percent.

Whey protein concentrate, total - 41.2 million pounds, down 4.5 percent.

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

Ice cream, regular (hard) - 51.7 million gallons, down 3.4 percent.

Ice cream, lowfat (total) - 30.2 million gallons, down 4.2 percent.

Sherbet (hard) - 2.56 million gallons, up 0.5 percent.

Frozen yogurt (total) - 4.41 million gallons, down 14.4 percent.

## Contents

Dairy Products Production by Product – United States: January 2019 and 2020 .....	3
Whey and Modified Whey Products Production, Stocks, and Prices – United States: January 2019 and 2020 .....	4
Condensed and Dry Milk Products Production, Stocks, and Shipments – United States: January 2019 and 2020 .....	5
Dairy Products Production by Product and Month – United States: 2019 and 2020 .....	6
Total Cheese Production Excluding Cottage Cheese – States and United States: January 2019 and 2020 .....	13
American Cheese Production – States and United States: January 2019 and 2020 .....	14
Cheddar Cheese Production – States and United States: January 2019 and 2020 .....	14
Total Italian Cheese Production – States and United States: January 2019 and 2020 .....	15
Mozzarella Cheese Production – States and United States: January 2019 and 2020 .....	15
Butter Production – States and United States: January 2019 and 2020 .....	16
Nonfat Dry Milk (Human) Production – States and United States: January 2019 and 2020 .....	16
Dry Whey (Human) Production – States and United States: January 2019 and 2020 .....	17
Ice Cream, Regular (Hard) Production – States and United States: January 2019 and 2020.....	17
Dairy Products Regions.....	18
Statistical Methodology.....	19
Information Contacts.....	20

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

Product	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	189,642	176,780	190,746	0.6	7.9
<b>Cheese</b>					
American types <sup>1</sup> .....	439,283	458,917	436,256	-0.7	-4.9
Cheddar .....	323,210	333,337	317,431	-1.8	-4.8
Other American types .....	116,073	125,580	118,825	2.4	-5.4
Blue and Gorgonzola .....	7,522	6,663	7,234	-3.8	8.6
Brick and Muenster .....	17,987	15,100	15,971	-11.2	5.8
Cream and Neufchatel .....	72,842	82,923	77,866	6.9	-6.1
Feta .....	9,763	9,861	8,989	-7.9	-8.8
Gouda .....	5,439	4,084	4,509	-17.1	10.4
Hispanic .....	23,433	26,294	27,051	15.4	2.9
Italian types .....	480,134	483,437	482,235	0.4	-0.2
Mozzarella .....	379,627	384,009	380,174	0.1	-1.0
Parmesan .....	37,840	34,287	38,119	0.7	11.2
Provolone .....	30,472	30,099	30,274	-0.6	0.6
Ricotta .....	21,577	22,836	22,353	3.6	-2.1
Romano .....	3,868	5,064	4,529	17.1	-10.6
Other Italian types .....	6,750	7,142	6,786	0.5	-5.0
Swiss .....	29,913	27,541	28,340	-5.3	2.9
All other types .....	12,037	13,655	14,583	21.2	6.8
<b>Total cheese</b> <sup>2</sup> .....	<b>1,098,353</b>	<b>1,128,475</b>	<b>1,103,034</b>	<b>0.4</b>	<b>-2.3</b>
Cottage cheese, curd <sup>3</sup> .....	32,575	28,386	31,413	-3.6	10.7
Cottage cheese, cream <sup>4</sup> .....	28,322	27,641	27,778	-1.9	0.5
Cottage cheese, lowfat <sup>5</sup> .....	28,134	23,150	27,132	-3.6	17.2
Sour cream .....	120,975	129,542	124,263	2.7	-4.1
Yogurt, plain and flavored .....	360,050	336,480	345,769	-4.0	2.8
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	53,551	47,318	51,731	-3.4	9.3
Ice cream, lowfat, hard .....	15,999	14,365	17,228	7.7	19.9
Ice cream, lowfat, soft .....	15,560	10,719	13,012	-16.4	21.4
Ice cream, lowfat, total <sup>6</sup> .....	31,559	25,084	30,240	-4.2	20.6
Ice cream, nonfat, hard .....	538	453	409	-24.0	-9.7
Sherbet, hard .....	2,551	2,131	2,563	0.5	20.3
Frozen yogurt, total .....	5,145	2,917	4,406	-14.4	51.0
Regular and lowfat, hard .....	1,562	1,022	1,538	-1.5	50.5
Nonfat, hard .....	1,175	271	460	-60.9	69.7
Other frozen dairy products .....	1,704	1,122	710	-58.3	-36.7
Water and juice ices .....	4,022	3,647	4,303	7.0	18.0
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	34,932	30,045	31,093	-11.0	3.5
Ice cream, lowfat, mix <sup>7</sup> .....	17,738	13,979	16,859	-5.0	20.6
Ice cream, nonfat, mix .....	619	289	329	-46.8	13.8
Sherbet mix .....	1,665	1,440	1,703	2.3	18.3
Yogurt mix .....	2,221	1,713	1,894	-14.7	10.6

<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:  
January 2019 and 2020**

Product	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	7,946	7,552	7,455	-6.2	-1.3
Dry whey products					
Dry whey, human .....	79,703	78,695	83,155	4.3	5.7
Dry whey, animal .....	1,499	1,125	1,619	8.0	43.9
Dry whey, total .....	81,202	79,820	84,774	4.4	6.2
Reduced lactose and minerals					
Human .....	1,837	1,640	1,912	4.1	16.6
Animal .....	3,321	2,850	2,617	-21.2	-8.2
Whey protein concentrate					
Human <sup>2</sup> .....	41,675	42,220	40,474	-2.9	-4.1
Animal <sup>2</sup> .....	1,495	521	749	-49.9	43.8
Total <sup>2</sup> .....	43,170	42,741	41,223	-4.5	-3.6
25.0-49.9 percent <sup>3</sup> .....	17,935	16,021	16,194	-9.7	1.1
50.0-89.9 percent <sup>3</sup> .....	25,235	26,720	25,029	-0.8	-6.3
Whey protein isolates <sup>4</sup> .....	11,737	9,365	9,874	-15.9	5.4
Lactose, human and animal .....	111,586	93,603	87,506	-21.6	-6.5
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	78,721	71,442	65,821	-16.4	-7.9
Dry whey, animal .....	706	859	856	21.2	-0.3
Dry whey, total .....	79,427	72,301	66,677	-16.1	-7.8
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	4,433	4,070	4,851	9.4	19.2
Whey protein concentrate					
Human <sup>2</sup> .....	61,308	66,202	65,700	7.2	-0.8
Animal <sup>2</sup> .....	1,335	621	1,003	-24.9	61.5
Total <sup>2</sup> .....	62,643	66,823	66,703	6.5	-0.2
25.0-49.9 percent <sup>3</sup> .....	27,575	26,535	26,545	-3.7	-
50.0-89.9 percent <sup>3</sup> .....	35,068	40,288	40,158	14.5	-0.3
Whey protein isolates <sup>4</sup> .....	22,772	16,497	16,209	-28.8	-1.7
Lactose, human and animal .....	107,692	110,651	102,102	-5.2	-7.7
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	27.6	19.9	14.5	-13.0	-5.4

- 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:  
January 2019 and 2020**

Product	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	120,368	97,135	118,893	-1.2	22.4
Dry milk products					
Dry buttermilk, total .....	13,189	11,849	13,881	5.2	17.1
Dry skim milk, animal .....	560	793	893	59.5	12.6
Dry whole milk .....	12,504	8,920	8,763	-29.9	-1.8
Milk protein concentrate, total <sup>1</sup> .....	12,019	14,583	21,652	80.1	48.5
Nonfat dry milk, human .....	172,690	164,728	173,216	0.3	5.2
Skim milk powder, total <sup>2</sup> .....	39,784	53,487	51,533	29.5	-3.7
<b>Manufacturers' stocks end-of-month <sup>3</sup></b>					
Dry milk products					
Dry buttermilk, total .....	20,713	17,426	18,700	-9.7	7.3
Dry skim milk, animal .....	3,390	12,572	12,299	262.8	-2.2
Dry whole milk .....	17,772	12,113	13,385	-24.7	10.5
Nonfat dry milk, human .....	286,374	247,476	279,197	-2.5	12.8
<b>Manufacturers' shipments <sup>4</sup></b>					
Dry milk products					
Nonfat dry milk, human .....	154,575	125,424	134,175	-13.2	7.0

<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 .....	1,098,353	1,103,034	0.4	1,098,353	1,103,034	0.4
February .....	991,346			2,089,699		
March .....	1,120,525			3,210,224		
April .....	1,086,416			4,296,640		
May .....	1,109,044			5,405,684		
June .....	1,067,383			6,473,067		
July .....	1,092,686			7,565,753		
August .....	1,121,987			8,687,740		
September .....	1,080,648			9,768,388		
October .....	1,137,641			10,906,029		
November .....	1,100,600			12,006,629		
December .....	1,128,475			13,135,104		
<b>Total American cheese types <sup>2</sup></b>						
January .....	439,283	436,256	-0.7	439,283	436,256	-0.7
February .....	391,027			830,310		
March .....	440,262			1,270,572		
April .....	431,588			1,702,160		
May .....	443,943			2,146,103		
June .....	426,627			2,572,730		
July .....	437,343			3,010,073		
August .....	459,204			3,469,277		
September .....	414,502			3,883,779		
October .....	445,950			4,329,729		
November .....	434,896			4,764,625		
December .....	458,917			5,223,542		
<b>Cheddar cheese</b>						
January .....	323,210	317,431	-1.8	323,210	317,431	-1.8
February .....	280,816			604,026		
March .....	312,494			916,520		
April .....	307,591			1,224,111		
May .....	321,660			1,545,771		
June .....	307,127			1,852,898		
July .....	307,940			2,160,838		
August .....	325,145			2,485,983		
September .....	283,246			2,769,229		
October .....	310,108			3,079,337		
November .....	311,104			3,390,441		
December .....	333,337			3,723,778		

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 .....	480,134	482,235	0.4	480,134	482,235	0.4
February .....	441,082			921,216		
March .....	494,933			1,416,149		
April .....	476,853			1,893,002		
May .....	475,351			2,368,353		
June .....	462,859			2,831,212		
July .....	465,587			3,296,799		
August .....	467,324			3,764,123		
September .....	470,703			4,234,826		
October .....	485,386			4,720,212		
November .....	474,076			5,194,288		
December .....	483,437			5,677,725		
<b>Mozzarella</b>						
January .....	379,627	380,174	0.1	379,627	380,174	0.1
February .....	347,234			726,861		
March .....	392,018			1,118,879		
April .....	373,667			1,492,546		
May .....	375,667			1,868,213		
June .....	371,007			2,239,220		
July .....	369,779			2,608,999		
August .....	371,629			2,980,628		
September .....	376,283			3,356,911		
October .....	385,784			3,742,695		
November .....	376,481			4,119,176		
December .....	384,009			4,503,185		
<b>Other Italian cheese types</b>						
January .....	6,750	6,786	0.5	6,750	6,786	0.5
February .....	6,076			12,826		
March .....	7,328			20,154		
April .....	6,567			26,721		
May .....	6,330			33,051		
June .....	5,981			39,032		
July .....	6,749			45,781		
August .....	7,244			53,025		
September .....	6,805			59,830		
October .....	5,559			65,389		
November .....	6,598			71,987		
December .....	7,142			79,129		

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 .....	189,642	190,746	0.6	189,642	190,746	0.6
February .....	164,525			354,167		
March .....	173,558			527,725		
April .....	164,674			692,399		
May .....	160,945			853,344		
June .....	144,801			998,145		
July .....	142,541			1,140,686		
August .....	137,322			1,278,008		
September .....	137,886			1,415,894		
October .....	156,946			1,572,840		
November .....	155,525			1,728,365		
December .....	176,780			1,905,145		
<b>Nonfat dry milk, human</b>						
January .....	172,690	173,216	0.3	172,690	173,216	0.3
February .....	153,806			326,496		
March .....	163,944			490,440		
April .....	165,049			655,489		
May .....	170,687			826,176		
June .....	155,862			982,038		
July .....	168,198			1,150,236		
August .....	133,720			1,283,956		
September .....	120,297			1,404,253		
October .....	135,233			1,539,486		
November .....	141,703			1,681,189		
December .....	164,728			1,845,917		
<b>Skim milk powder, total <sup>3</sup></b>						
January .....	39,784	51,533	29.5	39,784	51,533	29.5
February .....	35,630			75,414		
March .....	46,677			122,091		
April .....	45,014			167,105		
May .....	25,169			192,274		
June .....	44,384			236,658		
July .....	36,725			273,383		
August .....	51,350			324,733		
September .....	52,806			377,539		
October .....	44,459			421,998		
November .....	43,733			465,731		
December .....	53,487			519,218		

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 .....	81,202	84,774	4.4	81,202	84,774	4.4
February .....	74,948			156,150		
March .....	76,372			232,522		
April .....	74,997			307,519		
May .....	79,483			387,002		
June .....	82,976			469,978		
July .....	82,905			552,883		
August .....	84,909			637,792		
September .....	90,626			728,418		
October .....	90,842			819,260		
November .....	75,111			894,371		
December .....	79,820			974,191		
<b>Lactose, human and animal</b>						
January .....	111,586	87,506	-21.6	111,586	87,506	-21.6
February .....	98,080			209,666		
March .....	114,527			324,193		
April .....	108,038			432,231		
May .....	109,247			541,478		
June .....	106,630			648,108		
July .....	106,918			755,026		
August .....	95,457			850,483		
September .....	95,525			946,008		
October .....	96,939			1,042,947		
November .....	88,656			1,131,603		
December .....	93,603			1,225,206		
<b>Whey protein concentrate, total</b>						
January .....	43,170	41,223	-4.5	43,170	41,223	-4.5
February .....	39,295			82,465		
March .....	42,769			125,234		
April .....	40,729			165,963		
May .....	41,126			207,089		
June .....	39,191			246,280		
July .....	39,624			285,904		
August .....	39,789			325,693		
September .....	39,865			365,558		
October .....	40,546			406,104		
November .....	40,486			446,590		
December .....	42,741			489,331		

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 .....	28,322	27,778	-1.9	28,322	27,778	-1.9
February .....	26,094			54,416		
March .....	30,228			84,644		
April .....	31,141			115,785		
May .....	29,580			145,365		
June .....	28,754			174,119		
July .....	32,594			206,713		
August .....	27,859			234,572		
September .....	27,360			261,932		
October .....	31,962			293,894		
November .....	26,747			320,641		
December .....	27,641			348,282		
<b>Cottage cheese, lowfat</b>						
January .....	28,134	27,132	-3.6	28,134	27,132	-3.6
February .....	25,374			53,508		
March .....	28,122			81,630		
April .....	29,221			110,851		
May .....	27,653			138,504		
June .....	25,769			164,273		
July .....	29,827			194,100		
August .....	26,402			220,502		
September .....	27,505			248,007		
October .....	27,890			275,897		
November .....	24,002			299,899		
December .....	23,150			323,049		
<b>Sour cream</b>						
January .....	120,975	124,263	2.7	120,975	124,263	2.7
February .....	100,923			221,898		
March .....	108,829			330,727		
April .....	117,612			448,339		
May .....	121,142			569,481		
June .....	111,628			681,109		
July .....	118,337			799,446		
August .....	115,858			915,304		
September .....	113,199			1,028,503		
October .....	133,084			1,161,587		
November .....	130,096			1,291,683		
December .....	129,542			1,421,225		

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 .....	53,551	51,731	-3.4	53,551	51,731	-3.4
February .....	52,120			105,671		
March .....	65,449			171,120		
April .....	64,091			235,211		
May .....	64,194			299,405		
June .....	66,462			365,867		
July .....	65,958			431,825		
August .....	61,956			493,781		
September .....	59,247			553,028		
October .....	58,963			611,991		
November .....	49,361			661,352		
December .....	47,318			708,670		
<b>Ice cream, lowfat total</b>						
January .....	31,559	30,240	-4.2	31,559	30,240	-4.2
February .....	32,235			63,794		
March .....	41,611			105,405		
April .....	44,487			149,892		
May .....	48,594			198,486		
June .....	45,579			244,065		
July .....	43,393			287,458		
August .....	37,929			325,387		
September .....	32,503			357,890		
October .....	31,828			389,718		
November .....	25,179			414,897		
December .....	25,084			439,981		
<b>Sherbet, hard</b>						
January .....	2,551	2,563	0.5	2,551	2,563	0.5
February .....	2,653			5,204		
March .....	3,502			8,706		
April .....	3,236			11,942		
May .....	3,294			15,236		
June .....	3,346			18,582		
July .....	2,974			21,556		
August .....	2,563			24,119		
September .....	2,702			26,821		
October .....	2,450			29,271		
November .....	2,164			31,435		
December .....	2,131			33,566		

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 .....	360,050	345,769	-4.0	360,050	345,769	-4.0
February .....	365,389			725,439		
March .....	390,607			1,116,046		
April .....	371,640			1,487,686		
May .....	347,538			1,835,224		
June .....	360,060			2,195,284		
July .....	348,256			2,543,540		
August .....	357,283			2,900,823		
September .....	357,865			3,258,688		
October .....	352,291			3,610,979		
November .....	320,475			3,931,454		
December .....	336,480			4,267,934		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January .....	5,145	4,406	-14.4	5,145	4,406	-14.4
February .....	4,500			9,645		
March .....	4,750			14,395		
April .....	4,896			19,291		
May .....	4,673			23,964		
June .....	2,936			26,900		
July .....	4,078			30,978		
August .....	4,011			34,989		
September .....	3,817			38,806		
October .....	2,955			41,761		
November .....	3,170			44,931		
December .....	2,917			47,848		

<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 and United States:  
January 2019 and 2020**

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	213,927	217,239	212,033	-0.9	-2.4
Idaho .....	86,681	88,880	85,193	-1.7	-4.1
Illinois .....	5,908	7,051	5,593	-5.3	-20.7
Iowa .....	29,105	29,289	28,676	-1.5	-2.1
Minnesota .....	65,281	63,349	61,901	-5.2	-2.3
New Jersey .....	5,064	5,547	5,168	2.1	-6.8
New Mexico .....	80,184	82,564	83,890	4.6	1.6
New York .....	72,566	68,213	71,573	-1.4	4.9
Ohio .....	18,156	20,506	22,061	21.5	7.6
Oregon .....	18,035	18,354	18,110	0.4	-1.3
Pennsylvania .....	37,962	39,904	41,252	8.7	3.4
South Dakota .....	26,577	33,747	32,951	24.0	-2.4
Vermont .....	12,662	12,516	12,617	-0.4	0.8
Wisconsin .....	276,493	278,482	273,962	-0.9	-1.6
Other States <sup>1</sup> .....	149,752	162,834	148,054	-1.1	-9.1
United States .....	1,098,353	1,128,475	1,103,034	0.4	-2.3
Atlantic .....	138,079	137,239	140,236	1.6	2.2
Central .....	490,982	513,740	498,595	1.6	-2.9
West .....	469,292	477,496	464,203	-1.1	-2.8

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

### American Cheese Production – States and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	49,076	50,039	49,666	1.2	-0.7
Idaho .....	51,639	53,302	50,626	-2.0	-5.0
Iowa .....	16,781	18,772	18,742	11.7	-0.2
Minnesota .....	52,921	55,373	51,601	-2.5	-6.8
New York .....	12,203	11,712	11,823	-3.1	0.9
Oregon .....	17,954	18,262	18,015	0.3	-1.4
Wisconsin .....	87,296	87,574	86,600	-0.8	-1.1
Other States <sup>1</sup> .....	151,413	163,883	149,183	-1.5	-9.0
United States .....	439,283	458,917	436,256	-0.7	-4.9
Atlantic .....	29,792	28,301	29,288	-1.7	3.5
Central .....	216,554	233,184	216,235	-0.1	-7.3
West .....	192,937	197,432	190,733	-1.1	-3.4

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

### Cheddar Cheese Production – States and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	31,289	24,343	27,716	-11.4	13.9
Idaho .....	38,013	41,701	41,076	8.1	-1.5
Iowa .....	8,777	9,745	9,499	8.2	-2.5
Minnesota .....	51,493	53,584	50,220	-2.5	-6.3
Oregon .....	13,385	15,641	15,219	13.7	-2.7
Vermont .....	8,935	8,872	9,135	2.2	3.0
Wisconsin .....	65,191	61,838	61,200	-6.1	-1.0
Other States <sup>1</sup> .....	106,127	117,613	103,366	-2.6	-12.1
United States .....	323,210	333,337	317,431	-1.8	-4.8
Atlantic .....	28,009	27,203	27,789	-0.8	2.2
Central .....	158,800	165,671	151,454	-4.6	-8.6
West .....	136,401	140,463	138,188	1.3	-1.6

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

## Total Italian Cheese Production – States and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	143,873	147,259	142,616	-0.9	-3.2
Idaho .....	27,969	30,982	29,504	5.5	-4.8
Minnesota .....	12,162	7,732	10,028	-17.5	29.7
New York .....	31,609	29,040	31,398	-0.7	8.1
Pennsylvania .....	22,959	22,441	23,003	0.2	2.5
Wisconsin .....	141,794	137,655	139,243	-1.8	1.2
Other States <sup>1</sup> .....	99,768	108,328	106,443	6.7	-1.7
United States .....	480,134	483,437	482,235	0.4	-0.2
Atlantic .....	60,000	59,041	59,552	-0.7	0.9
Central .....	189,475	187,535	192,714	1.7	2.8
West .....	230,659	236,861	229,969	-0.3	-2.9

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

## Mozzarella Cheese Production – States and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	131,870	136,534	131,178	-0.5	-3.9
Idaho .....	27,194	30,327	28,872	6.2	-4.8
New York .....	16,991	14,563	17,360	2.2	19.2
Pennsylvania .....	20,093	18,712	19,502	-2.9	4.2
Wisconsin .....	93,071	88,632	88,600	-4.8	-
Other States <sup>1</sup> .....	90,408	95,241	94,662	4.7	-0.6
United States .....	379,627	384,009	380,174	0.1	-1.0
Atlantic .....	39,805	36,776	39,595	-0.5	7.7
Central .....	123,272	123,090	123,845	0.5	0.6
West .....	216,550	224,143	216,734	0.1	-3.3

- Represents zero.

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

## Butter Production – States and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	52,754	55,483	56,871	7.8	2.5
New York .....	2,511	2,413	2,508	-0.1	3.9
Pennsylvania .....	8,842	8,914	9,999	13.1	12.2
Other States <sup>1</sup> .....	125,535	109,970	121,368	-3.3	10.4
United States .....	189,642	176,780	190,746	0.6	7.9
Atlantic .....	20,908	18,978	22,442	7.3	18.3
Central .....	82,889	69,521	79,731	-3.8	14.7
West .....	85,845	88,281	88,573	3.2	0.3

<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 and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	65,802	56,994	68,525	4.1	20.2
Pennsylvania .....	14,255	18,042	16,473	15.6	-8.7
Other States <sup>1</sup> .....	92,633	89,692	88,218	-4.8	-1.6
United States .....	172,690	164,728	173,216	0.3	5.2
Atlantic .....	27,010	33,665	33,297	23.3	-1.1
Central .....	35,989	29,168	31,937	-11.3	9.5
West .....	109,691	101,895	107,982	-1.6	6.0

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

## Dry Whey (Human) Production – States and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	11,428	10,854	10,986	-3.9	1.2
Wisconsin .....	21,735	26,638	25,434	17.0	-4.5
Other States <sup>1</sup> .....	46,540	41,203	46,735	0.4	13.4
United States .....	79,703	78,695	83,155	4.3	5.7
Atlantic .....	21,706	21,206	21,579	-0.6	1.8
Central .....	31,347	40,207	39,626	26.4	-1.4
West .....	26,650	17,282	21,950	-17.6	27.0

<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 and United States: January 2019 and 2020

State	January 2019	December 2019	January 2020	Change from	
				January 2019	December 2019
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	4,390	3,155	4,767	8.6	51.1
Connecticut .....	953	774	868	-8.9	12.1
Missouri .....	1,852	1,424	1,847	-0.3	29.7
New York .....	3,016	1,618	2,328	-22.8	43.9
Ohio .....	2,138	1,765	2,013	-5.8	14.1
Oregon .....	1,258	1,148	1,167	-7.2	1.7
Pennsylvania .....	2,697	3,325	2,969	10.1	-10.7
Tennessee .....	1,813	1,569	1,873	3.3	19.4
Utah .....	1,478	1,201	1,438	-2.7	19.7
Other States <sup>1</sup> .....	33,956	31,339	32,461	-4.4	3.6
United States .....	53,551	47,318	51,731	-3.4	9.3
Atlantic .....	12,815	10,722	12,070	-5.8	12.6
Central .....	31,749	29,825	30,706	-3.3	3.0
West .....	8,987	6,771	8,955	-0.4	32.3

<sup>1</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 2018, there were 1,273 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
Heidi Lanouette – 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

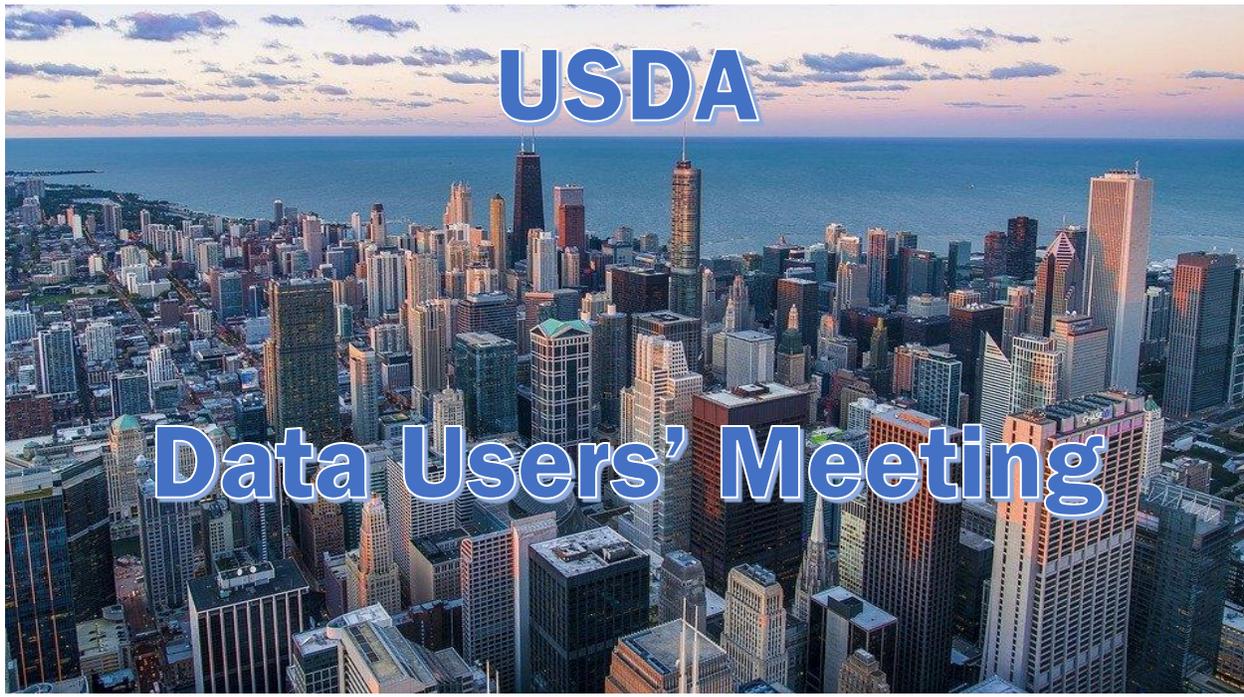
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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box 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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**USDA NASS Data Users' Meeting**  
**Tuesday, April 21, 2020**

Embassy Suites by Hilton Chicago Downtown  
600 North State Street  
Chicago, IL 60654  
312-943-3800

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2020 Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/Education\\_and\\_Outreach/Meeting/index.php](https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php)). Contact Vernita Murray (NASS) at 202-690-8141 or [vernita.murray@usda.gov](mailto:vernita.murray@usda.gov) or Patricia Snipe (NASS) at 202-720-2248 or [patricia.snipe@usda.gov](mailto:patricia.snipe@usda.gov) for information.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 22, 2020. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (<http://lmic.info/page/meetings>). Or contact Laura Lahr at 303-716-9935 or [laura.lahr@lmic.info](mailto:laura.lahr@lmic.info).