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February 2020 Highlights

Total cheese output (excluding cottage cheese) was 1.03 billion pounds, 3.7 percent above February 2019 but 7.4 percent below January 2020.

Italian type cheese production totaled 449 million pounds, 1.8 percent above February 2019 but 7.4 percent below January 2020.

American type cheese production totaled 415 million pounds, 6.1 percent above February 2019 but 5.1 percent below January 2020.

Butter production was 179 million pounds, 8.9 percent above February 2019 but 7.3 percent below January 2020.

Dry milk products (comparisons in percentage with February 2019)

Nonfat dry milk, human - 156 million pounds, up 1.5 percent.

Skim milk powder - 40.4 million pounds, up 13.5 percent.

Whey products (comparisons in percentage with February 2019)

Dry whey, total - 76.5 million pounds, up 2.1 percent.

Lactose, human and animal - 87.2 million pounds, down 11.1 percent.

Whey protein concentrate, total - 36.0 million pounds, down 8.3 percent.

Frozen products (comparisons in percentage with February 2019)

Ice cream, regular (hard) - 51.8 million gallons, down 0.6 percent.

Ice cream, lowfat (total) - 32.7 million gallons, up 1.4 percent.

Sherbet (hard) - 3.01 million gallons, up 13.6 percent.

Frozen yogurt (total) - 4.33 million gallons, down 3.7 percent.

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

Product	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	164,525	193,422	179,239	8.9	-7.3
Cheese					
American types ¹	391,027	437,451	415,025	6.1	-5.1
Cheddar	280,816	319,240	301,625	7.4	-5.5
Other American types	110,211	118,211	113,400	2.9	-4.1
Blue and Gorgonzola	6,482	7,120	6,917	6.7	-2.9
Brick and Muenster	14,184	15,444	15,019	5.9	-2.8
Cream and Neufchatel	60,192	79,982	61,975	3.0	-22.5
Feta	10,434	10,193	9,416	-9.8	-7.6
Gouda	2,710	4,559	4,818	77.8	5.7
Hispanic	27,287	27,247	26,971	-1.2	-1.0
Italian types	441,082	485,398	449,242	1.8	-7.4
Mozzarella	347,234	381,983	353,648	1.8	-7.4
Parmesan	35,654	38,288	36,581	2.6	-4.5
Provolone	29,682	31,236	29,727	0.2	-4.8
Ricotta	18,614	22,354	19,135	2.8	-14.4
Romano	3,822	4,728	4,261	11.5	-9.9
Other Italian types	6,076	6,809	5,890	-3.1	-13.5
Swiss	26,489	28,525	26,366	-0.5	-7.6
All other types	11,459	14,596	12,320	7.5	-15.6
Total cheese ²	991,346	1,110,515	1,028,069	3.7	-7.4
Cottage cheese, curd ³	30,242	30,838	29,260	-3.2	-5.1
Cottage cheese, cream ⁴	26,094	27,622	26,194	0.4	-5.2
Cottage cheese, lowfat ⁵	25,374	26,333	24,467	-3.6	-7.1
Sour cream	100,923	121,591	102,205	1.3	-15.9
Yogurt, plain and flavored	365,389	347,758	379,531	3.9	9.1
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	52,120	52,157	51,790	-0.6	-0.7
Ice cream, lowfat, hard	18,177	17,098	18,573	2.2	8.6
Ice cream, lowfat, soft	14,058	13,788	14,116	0.4	2.4
Ice cream, lowfat, total ⁶	32,235	30,886	32,689	1.4	5.8
Ice cream, nonfat, hard	591	409	429	-27.4	4.9
Sherbet, hard	2,653	2,577	3,013	13.6	16.9
Frozen yogurt, total	4,500	4,032	4,333	-3.7	7.5
Regular and lowfat, hard	1,186	1,151	1,099	-7.3	-4.5
Nonfat, hard	457	473	377	-17.5	-20.3
Other frozen dairy products	1,726	748	1,529	-11.4	104.4
Water and juice ices	4,647	4,068	4,806	3.4	18.1
Mix for frozen products					
Ice cream, regular, mix	30,605	31,638	33,129	8.2	4.7
Ice cream, lowfat, mix ⁷	17,985	17,255	18,228	1.4	5.6
Ice cream, nonfat, mix	721	328	313	-56.6	-4.6
Sherbet mix	1,851	1,734	2,057	11.1	18.6
Yogurt mix	2,438	1,890	2,173	-10.9	15.0

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:
February 2019 and 2020**

Product	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	7,684	7,437	6,411	-16.6	-13.8
Dry whey products					
Dry whey, human	73,675	82,660	75,006	1.8	-9.3
Dry whey, animal	1,273	1,612	1,484	16.6	-7.9
Dry whey, total	74,948	84,272	76,490	2.1	-9.2
Reduced lactose and minerals					
Human	1,602	2,095	1,838	14.7	-12.3
Animal	2,675	3,100	2,844	6.3	-8.3
Whey protein concentrate					
Human ²	38,355	41,192	35,655	-7.0	-13.4
Animal ²	940	743	381	-59.5	-48.7
Total ²	39,295	41,935	36,036	-8.3	-14.1
25.0-49.9 percent ³	15,048	16,361	13,437	-10.7	-17.9
50.0-89.9 percent ³	24,247	25,574	22,599	-6.8	-11.6
Whey protein isolates ⁴	8,884	9,333	8,843	-0.5	-5.3
Lactose, human and animal	98,080	87,796	87,173	-11.1	-0.7
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	68,217	62,120	73,660	8.0	18.6
Dry whey, animal	707	803	766	8.3	-4.6
Dry whey, total	68,924	62,923	74,426	8.0	18.3
Reduced Lactose and minerals					
Human and animal ⁶	4,729	5,278	4,967	5.0	-5.9
Whey protein concentrate					
Human ²	62,042	65,074	64,454	3.9	-1.0
Animal ²	985	1,050	632	-35.8	-39.8
Total ²	63,027	66,124	65,086	3.3	-1.6
25.0-49.9 percent ³	27,805	27,011	27,298	-1.8	1.1
50.0-89.9 percent ³	35,222	39,113	37,788	7.3	-3.4
Whey protein isolates ⁴	20,394	15,296	15,912	-22.0	4.0
Lactose, human and animal	102,769	99,949	100,202	-2.5	0.3
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	15.9	14.4	17.1	1.2	2.7

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:
February 2019 and 2020**

Product	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	121,247	107,772	126,229	4.1	17.1
Dry milk products					
Dry buttermilk, total	9,470	13,178	13,229	39.7	0.4
Dry skim milk, animal	534	876	934	74.9	6.6
Dry whole milk	9,445	8,839	11,388	20.6	28.8
Milk protein concentrate, total ¹	14,747	21,681	22,517	52.7	3.9
Nonfat dry milk, human	153,806	176,259	156,128	1.5	-11.4
Skim milk powder, total ²	35,630	40,119	40,434	13.5	0.8
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	20,094	18,860	20,195	0.5	7.1
Dry skim milk, animal	9,928	12,311	12,267	23.6	-0.4
Dry whole milk	18,329	13,481	14,032	-23.4	4.1
Nonfat dry milk, human	310,447	280,516	317,508	2.3	13.2
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	126,000	132,325	125,243	-0.6	-5.4

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	1,098,353	1,110,515	1.1	1,098,353	1,110,515	1.1
February	991,346	1,028,069	3.7	2,089,699	2,138,584	2.3
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		
Total American cheese types ²						
January	439,283	437,451	-0.4	439,283	437,451	-0.4
February	391,027	415,025	6.1	830,310	852,476	2.7
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		
Cheddar cheese						
January	323,210	319,240	-1.2	323,210	319,240	-1.2
February	280,816	301,625	7.4	604,026	620,865	2.8
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)
Total Italian cheese types						
January	480,134	485,398	1.1	480,134	485,398	1.1
February	441,082	449,242	1.8	921,216	934,640	1.5
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		
Mozzarella						
January	379,627	381,983	0.6	379,627	381,983	0.6
February	347,234	353,648	1.8	726,861	735,631	1.2
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		
Other Italian cheese types						
January	6,750	6,809	0.9	6,750	6,809	0.9
February	6,076	5,890	-3.1	12,826	12,699	-1.0
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)
Butter						
January	189,642	193,422	2.0	189,642	193,422	2.0
February	164,525	179,239	8.9	354,167	372,661	5.2
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		
Nonfat dry milk, human						
January	172,690	176,259	2.1	172,690	176,259	2.1
February	153,806	156,128	1.5	326,496	332,387	1.8
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		
Skim milk powder, total ³						
January	39,784	40,119	0.8	39,784	40,119	0.8
February	35,630	40,434	13.5	75,414	80,553	6.8
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)
Dry whey, total ⁴						
January	81,202	84,272	3.8	81,202	84,272	3.8
February	74,948	76,490	2.1	156,150	160,762	3.0
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		
Lactose, human and animal						
January	111,586	87,796	-21.3	111,586	87,796	-21.3
February	98,080	87,173	-11.1	209,666	174,969	-16.5
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		
Whey protein concentrate, total						
January	43,170	41,935	-2.9	43,170	41,935	-2.9
February	39,295	36,036	-8.3	82,465	77,971	-5.4
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)
Cottage cheese, cream						
January	28,322	27,622	-2.5	28,322	27,622	-2.5
February	26,094	26,194	0.4	54,416	53,816	-1.1
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		
Cottage cheese, lowfat						
January	28,134	26,333	-6.4	28,134	26,333	-6.4
February	25,374	24,467	-3.6	53,508	50,800	-5.1
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		
Sour cream						
January	120,975	121,591	0.5	120,975	121,591	0.5
February	100,923	102,205	1.3	221,898	223,796	0.9
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)
Ice cream, regular hard						
January	53,551	52,157	-2.6	53,551	52,157	-2.6
February	52,120	51,790	-0.6	105,671	103,947	-1.6
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		
Ice cream, lowfat total						
January	31,559	30,886	-2.1	31,559	30,886	-2.1
February	32,235	32,689	1.4	63,794	63,575	-0.3
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		
Sherbet, hard						
January	2,551	2,577	1.0	2,551	2,577	1.0
February	2,653	3,013	13.6	5,204	5,590	7.4
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	347,758	-3.4	360,050	347,758	-3.4
February	365,389	379,531	3.9	725,439	727,289	0.3
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	4,032	-21.6	5,145	4,032	-21.6
February	4,500	4,333	-3.7	9,645	8,365	-13.3
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		

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:
February 2019 and 2020**

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	200,731	213,085	199,828	-0.4	-6.2
Idaho	71,563	85,349	73,649	2.9	-13.7
Illinois	5,652	5,597	5,457	-3.5	-2.5
Iowa	26,921	29,009	28,212	4.8	-2.7
Minnesota	56,829	61,573	58,643	3.2	-4.8
New Jersey	3,925	5,212	4,448	13.3	-14.7
New Mexico	71,202	83,893	76,163	7.0	-9.2
New York	61,772	71,285	63,261	2.4	-11.3
Ohio	16,356	22,154	19,594	19.8	-11.6
Oregon	16,094	18,110	17,569	9.2	-3.0
Pennsylvania	30,575	41,252	29,665	-3.0	-28.1
South Dakota	22,590	34,523	32,776	45.1	-5.1
Vermont	11,101	12,783	11,567	4.2	-9.5
Wisconsin	260,992	277,120	260,509	-0.2	-6.0
Other States ¹	135,043	149,570	146,728	8.7	-1.9
United States	991,346	1,110,515	1,028,069	3.7	-7.4
Atlantic	117,515	140,167	119,365	1.6	-14.8
Central	450,479	503,427	477,811	6.1	-5.1
West	423,352	466,921	430,893	1.8	-7.7

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

American Cheese Production – States and United States: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	48,744	49,653	46,813	-4.0	-5.7
Idaho	45,406	50,626	47,728	5.1	-5.7
Iowa	15,223	19,076	17,780	16.8	-6.8
Minnesota	45,442	51,273	48,929	7.7	-4.6
New York	10,891	12,454	11,399	4.7	-8.5
Oregon	16,017	18,015	17,476	9.1	-3.0
Wisconsin	79,816	87,079	80,100	0.4	-8.0
Other States ¹	129,488	149,275	144,800	11.8	-3.0
United States	391,027	437,451	415,025	6.1	-5.1
Atlantic	25,544	29,928	26,960	5.5	-9.9
Central	194,895	216,802	208,695	7.1	-3.7
West	170,588	190,721	179,370	5.1	-6.0

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

Cheddar Cheese Production – States and United States: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	26,539	27,674	22,138	-16.6	-20.0
Idaho	32,609	41,076	37,305	14.4	-9.2
Iowa	8,778	10,681	9,928	13.1	-7.0
Minnesota	44,369	49,892	47,873	7.9	-4.0
Oregon	12,178	15,219	15,660	28.6	2.9
Vermont	7,831	9,144	8,462	8.1	-7.5
Wisconsin	57,954	61,823	55,700	-3.9	-9.9
Other States ¹	90,558	103,731	104,559	15.5	0.8
United States	280,816	319,240	301,625	7.4	-5.5
Atlantic	24,581	28,180	25,859	5.2	-8.2
Central	143,189	152,913	149,226	4.2	-2.4
West	113,046	138,147	126,540	11.9	-8.4

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: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	134,235	143,613	133,320	-0.7	-7.2
Idaho	21,811	29,504	21,721	-0.4	-26.4
Minnesota	11,097	10,028	9,449	-14.9	-5.8
New York	27,183	30,305	28,297	4.1	-6.6
Pennsylvania	19,777	23,003	21,408	8.2	-6.9
Wisconsin	133,913	140,637	132,343	-1.2	-5.9
Other States ¹	93,066	108,308	102,704	10.4	-5.2
United States	441,082	485,398	449,242	1.8	-7.4
Atlantic	53,274	58,473	56,195	5.5	-3.9
Central	176,821	195,955	184,555	4.4	-5.8
West	210,987	230,970	208,492	-1.2	-9.7

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

Mozzarella Cheese Production – States and United States: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	122,552	132,175	122,175	-0.3	-7.6
Idaho	21,364	28,872	21,296	-0.3	-26.2
New York	14,051	16,267	14,801	5.3	-9.0
Pennsylvania	16,860	19,502	18,098	7.3	-7.2
Wisconsin	87,469	89,021	86,100	-1.6	-3.3
Other States ¹	84,938	96,146	91,178	7.3	-5.2
United States	347,234	381,983	353,648	1.8	-7.4
Atlantic	34,779	38,498	36,736	5.6	-4.6
Central	114,688	125,750	121,332	5.8	-3.5
West	197,767	217,735	195,580	-1.1	-10.2

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

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

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	48,416	60,357	56,603	16.9	-6.2
New York	2,639	2,947	2,621	-0.7	-11.1
Pennsylvania	7,308	9,999	8,078	10.5	-19.2
Other States ¹	106,162	120,119	111,937	5.4	-6.8
United States	164,525	193,422	179,239	8.9	-7.3
Atlantic	17,605	22,882	19,033	8.1	-16.8
Central	69,170	78,481	73,184	5.8	-6.7
West	77,750	92,059	87,022	11.9	-5.5

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: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	61,538	72,527	67,267	9.3	-7.3
Pennsylvania	14,119	16,473	16,104	14.1	-2.2
Other States ¹	78,149	87,259	72,757	-6.9	-16.6
United States	153,806	176,259	156,128	1.5	-11.4
Atlantic	27,506	33,317	27,464	-0.2	-17.6
Central	30,509	30,959	29,077	-4.7	-6.1
West	95,791	111,983	99,587	4.0	-11.1

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: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	9,932	10,986	10,360	4.3	-5.7
Wisconsin	20,481	24,939	23,274	13.6	-6.7
Other States ¹	43,262	46,735	41,372	-4.4	-11.5
United States	73,675	82,660	75,006	1.8	-9.3
Atlantic	18,735	21,579	19,902	6.2	-7.8
Central	29,528	39,131	35,855	21.4	-8.4
West	25,412	21,950	19,249	-24.3	-12.3

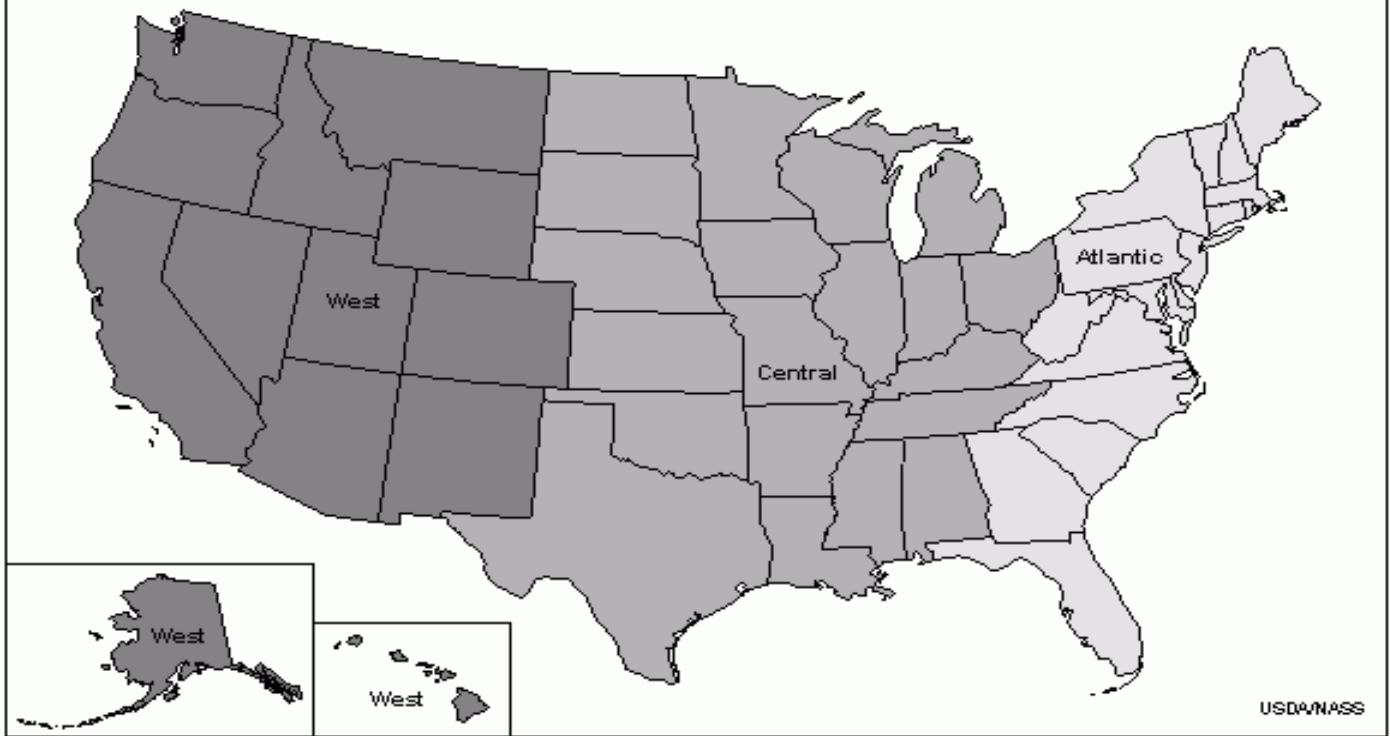
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States and United States: February 2019 and 2020

State	February 2019	January 2020	February 2020	Change from	
				February 2019	January 2020
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	4,337	5,397	4,312	-0.6	-20.1
Connecticut	1,008	878	1,115	10.6	27.0
Missouri	2,965	1,847	2,907	-2.0	57.4
New York	2,167	2,328	1,578	-27.2	-32.2
Ohio	1,721	2,013	1,839	6.9	-8.6
Oregon	980	1,167	1,017	3.8	-12.9
Pennsylvania	2,631	2,969	3,419	30.0	15.2
Tennessee	1,861	1,873	2,070	11.2	10.5
Utah	2,276	1,587	1,582	-30.5	-0.3
Other States ¹	32,174	32,098	31,951	-0.7	-0.5
United States	52,120	52,157	51,790	-0.6	-0.7
Atlantic	12,447	11,956	11,971	-3.8	0.1
Central	30,099	30,467	31,128	3.4	2.2
West	9,574	9,734	8,691	-9.2	-10.7

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

Dairy Products Regions



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

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

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

Statistical Methodology

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

Sampling frames and sample size: In 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.

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Scott Hollis, Head, Livestock Section	(202) 690-2424
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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

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
- 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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USDA NASS Data Users' Meeting

**Tuesday, April 21, 2020
1:00 p.m. – 3:30 p.m. EDT**

USDA's National Agricultural Statistics Service will hold a virtual meeting 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). Contact Vernita Murray (NASS) at 202-690-8141 or vernita.murray@usda.gov or Patricia Snipe (NASS) at 202-720-2248 or patricia.snipe@usda.gov for information.