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February 2021 Highlights

Total cheese output (excluding cottage cheese) was 1.04 billion pounds, 1.1 percent above February 2020 but 8.1 percent below January 2021.

Italian type cheese production totaled 444 million pounds, 0.9 percent below February 2020 and 7.6 percent below January 2021.

American type cheese production totaled 425 million pounds, 1.6 percent above February 2020 but 10.3 percent below January 2021.

Butter production was 186 million pounds, 1.3 percent below February 2020 and 11.5 percent below January 2021.

Dry milk products (comparisons in percentage with February 2020)

Nonfat dry milk, human - 186 million pounds, up 17.1 percent.

Skim milk powder - 29.6 million pounds, down 23.0 percent.

Whey products (comparisons in percentage with February 2020)

Dry whey, total - 77.0 million pounds, up 0.7 percent.

Lactose, human and animal - 84.2 million pounds, down 3.7 percent.

Whey protein concentrate, total - 37.4 million pounds, up 5.0 percent.

Frozen products (comparisons in percentage with February 2020)

Ice cream, regular (hard) - 55.0 million gallons, up 4.7 percent.

Ice cream, lowfat (total) - 34.1 million gallons, up 2.6 percent.

Sherbet (hard) - 2.61 million gallons, down 13.8 percent.

Frozen yogurt (total) - 4.26 million gallons, up 2.5 percent.

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Dairy Products Production by Product – United States: February 2020 and 2021

Product	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	188,035	209,630	185,620	-1.3	-11.5
Cheese					
American types ¹	418,605	474,315	425,392	1.6	-10.3
Cheddar	302,408	346,949	301,551	-0.3	-13.1
Other American types	116,197	127,366	123,841	6.6	-2.8
Blue and Gorgonzola	7,035	5,345	6,792	-3.5	27.1
Brick and Muenster	15,042	16,679	14,374	-4.4	-13.8
Cream and Neufchatel	62,709	78,479	72,787	16.1	-7.3
Feta	9,400	8,459	11,412	21.4	34.9
Gouda	4,927	5,211	5,173	5.0	-0.7
Hispanic	26,821	27,384	28,256	5.4	3.2
Italian types	448,190	481,029	444,311	-0.9	-7.6
Mozzarella	353,200	374,948	347,499	-1.6	-7.3
Parmesan	36,596	40,967	36,744	0.4	-10.3
Provolone	29,137	31,245	27,569	-5.4	-11.8
Ricotta	19,096	22,547	21,646	13.4	-4.0
Romano	4,265	5,038	4,521	6.0	-10.3
Other Italian types	5,896	6,284	6,332	7.4	0.8
Swiss	26,640	25,977	23,100	-13.3	-11.1
All other types	12,303	12,689	11,591	-5.8	-8.7
Total cheese ²	1,031,672	1,135,567	1,043,188	1.1	-8.1
Cottage cheese, curd ³	28,990	29,551	29,666	2.3	0.4
Cottage cheese, cream ⁴	26,172	26,622	27,230	4.0	2.3
Cottage cheese, lowfat ⁵	24,434	24,428	24,289	-0.6	-0.6
Sour cream	101,869	115,248	113,631	11.5	-1.4
Yogurt, plain and flavored	375,155	385,594	381,691	1.7	-1.0
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	52,484	56,990	54,975	4.7	-3.5
Ice cream, lowfat, hard	18,982	18,903	19,758	4.1	4.5
Ice cream, lowfat, soft	14,296	11,834	14,370	0.5	21.4
Ice cream, lowfat, total ⁶	33,278	30,737	34,128	2.6	11.0
Ice cream, nonfat, hard	433	541	421	-2.8	-22.2
Sherbet, hard	3,021	2,666	2,605	-13.8	-2.3
Frozen yogurt, total	4,160	3,804	4,264	2.5	12.1
Regular and lowfat, hard	919	1,145	1,084	18.0	-5.3
Nonfat, hard	384	251	323	-15.9	28.7
Other frozen dairy products	1,528	715	734	-52.0	2.7
Water and juice ices	4,854	4,655	4,838	-0.3	3.9
Mix for frozen products					
Ice cream, regular, mix	33,688	36,049	35,207	4.5	-2.3
Ice cream, lowfat, mix ⁷	18,551	17,035	19,004	2.4	11.6
Ice cream, nonfat, mix	315	383	399	26.7	4.2
Sherbet mix	2,049	1,823	1,974	-3.7	8.3
Yogurt mix	2,039	1,759	1,725	-15.4	-1.9

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 2020 and 2021**

Product	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	6,431	5,994	5,628	-12.5	-6.1
Dry whey products					
Dry whey, human	75,006	82,888	75,943	1.2	-8.4
Dry whey, animal	1,484	1,100	1,082	-27.1	-1.6
Dry whey, total	76,490	83,988	77,025	0.7	-8.3
Reduced lactose and minerals					
Human	1,560	1,713	1,344	-13.8	-21.5
Animal	3,166	3,171	3,028	-4.4	-4.5
Whey protein concentrate					
Human ²	35,219	43,027	36,863	4.7	-14.3
Animal ²	381	773	528	38.6	-31.7
Total ²	35,600	43,800	37,391	5.0	-14.6
25.0-49.9 percent ³	13,437	16,791	13,919	3.6	-17.1
50.0-89.9 percent ³	22,163	27,009	23,472	5.9	-13.1
Whey protein isolates ⁴	8,641	10,610	10,700	23.8	0.8
Lactose, human and animal	87,435	93,798	84,205	-3.7	-10.2
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	73,739	66,668	69,535	-5.7	4.3
Dry whey, animal	766	680	844	10.2	24.1
Dry whey, total	74,505	67,348	70,379	-5.5	4.5
Reduced Lactose and minerals					
Human and animal ⁶	4,547	7,111	6,723	47.9	-5.5
Whey protein concentrate					
Human ²	63,984	62,975	63,844	-0.2	1.4
Animal ²	605	915	883	46.0	-3.5
Total ²	64,589	63,890	64,727	0.2	1.3
25.0-49.9 percent ³	27,270	27,088	25,705	-5.7	-5.1
50.0-89.9 percent ³	37,319	36,802	39,022	4.6	6.0
Whey protein isolates ⁴	15,990	14,027	14,098	-11.8	0.5
Lactose, human and animal	102,120	128,157	119,449	17.0	-6.8
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	17.1	23.8	34.6	17.5	10.8

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 2020 and 2021**

Product	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	126,597	108,106	101,467	-19.9	-6.1
Dry milk products					
Dry buttermilk, total	13,509	15,257	11,909	-11.8	-21.9
Dry skim milk, animal	934	704	591	-36.7	-16.1
Dry whole milk	11,271	10,891	11,088	-1.6	1.8
Milk protein concentrate, total ¹	21,817	20,829	18,285	-16.2	-12.2
Nonfat dry milk, human	159,128	198,025	186,273	17.1	-5.9
Skim milk powder, total ²	38,434	35,992	29,593	-23.0	-17.8
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	20,195	22,636	23,915	18.4	5.7
Dry skim milk, animal	12,267	8,929	9,909	-19.2	11.0
Dry whole milk	14,018	18,053	18,599	32.7	3.0
Nonfat dry milk, human	318,255	305,003	345,611	8.6	13.3
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	124,613	165,702	139,051	11.6	-16.1

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: 2020 and 2021

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese ¹						
January	1,110,515	1,135,567	2.3	1,110,515	1,135,567	2.3
February	1,031,672	1,043,188	1.1	2,142,187	2,178,755	1.7
March	1,124,028			3,266,215		
April	1,063,753			4,329,968		
May	1,101,005			5,430,973		
June	1,111,446			6,542,419		
July	1,107,633			7,650,052		
August	1,085,226			8,735,278		
September	1,096,686			9,831,964		
October	1,131,266			10,963,230		
November	1,099,606			12,062,836		
December	1,129,991			13,192,827		
Total American cheese types ²						
January	437,451	474,315	8.4	437,451	474,315	8.4
February	418,605	425,392	1.6	856,056	899,707	5.1
March	450,058			1,306,114		
April	447,044			1,753,158		
May	442,282			2,195,440		
June	436,406			2,631,846		
July	454,712			3,086,558		
August	447,095			3,533,653		
September	434,659			3,968,312		
October	462,048			4,430,360		
November	448,192			4,878,552		
December	462,935			5,341,487		
Cheddar cheese						
January	319,240	346,949	8.7	319,240	346,949	8.7
February	302,408	301,551	-0.3	621,648	648,500	4.3
March	318,292			939,940		
April	330,891			1,270,831		
May	317,737			1,588,568		
June	309,012			1,897,580		
July	323,991			2,221,571		
August	324,030			2,545,601		
September	306,953			2,852,554		
October	328,957			3,181,511		
November	320,161			3,501,672		
December	337,180			3,838,852		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2020 and 2021 (continued)

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	485,398	481,029	-0.9	485,398	481,029	-0.9
February	448,190	444,311	-0.9	933,588	925,340	-0.9
March	486,865			1,420,453		
April	451,068			1,871,521		
May	480,614			2,352,135		
June	477,058			2,829,193		
July	453,813			3,283,006		
August	443,457			3,726,463		
September	463,126			4,189,589		
October	468,629			4,658,218		
November	457,640			5,115,858		
December	484,707			5,600,565		
Mozzarella						
January	381,983	374,948	-1.8	381,983	374,948	-1.8
February	353,200	347,499	-1.6	735,183	722,447	-1.7
March	388,257			1,123,440		
April	351,712			1,475,152		
May	378,291			1,853,443		
June	382,043			2,235,486		
July	365,266			2,600,752		
August	351,956			2,952,708		
September	365,058			3,317,766		
October	366,108			3,683,874		
November	361,574			4,045,448		
December	373,061			4,418,509		
Other Italian cheese types						
January	6,809	6,284	-7.7	6,809	6,284	-7.7
February	5,896	6,332	7.4	12,705	12,616	-0.7
March	6,687			19,392		
April	5,103			24,495		
May	6,417			30,912		
June	5,975			36,887		
July	5,299			42,186		
August	6,051			48,237		
September	6,920			55,157		
October	6,703			61,860		
November	6,624			68,484		
December	6,738			75,222		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2020 and 2021 (continued)

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	193,422	209,630	8.4	193,422	209,630	8.4
February	188,035	185,620	-1.3	381,457	395,250	3.6
March	195,886			577,343		
April	217,531			794,874		
May	177,966			972,840		
June	150,200			1,123,040		
July	154,883			1,277,923		
August	151,631			1,429,554		
September	151,612			1,581,166		
October	165,383			1,746,549		
November	173,175			1,919,724		
December	206,370			2,126,094		
Nonfat dry milk, human						
January	176,259	198,025	12.3	176,259	198,025	12.3
February	159,128	186,273	17.1	335,387	384,298	14.6
March	172,389			507,776		
April	195,159			702,935		
May	158,591			861,526		
June	147,134			1,008,660		
July	163,198			1,171,858		
August	144,216			1,316,074		
September	125,980			1,442,054		
October	138,720			1,580,774		
November	159,182			1,739,956		
December	206,400			1,946,356		
Skim milk powder, total ³						
January	40,119	35,992	-10.3	40,119	35,992	-10.3
February	38,434	29,593	-23.0	78,553	65,585	-16.5
March	40,843			119,396		
April	40,394			159,790		
May	47,070			206,860		
June	61,253			268,113		
July	51,220			319,333		
August	61,233			380,566		
September	72,450			453,016		
October	57,175			510,191		
November	52,392			562,583		
December	41,171			603,754		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2020 and 2021 (continued)

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ⁴						
January	84,272	83,988	-0.3	84,272	83,988	-0.3
February	76,490	77,025	0.7	160,762	161,013	0.2
March	82,100			242,862		
April	77,844			320,706		
May	86,534			407,240		
June	84,795			492,035		
July	84,826			576,861		
August	78,818			655,679		
September	74,758			730,437		
October	74,751			805,188		
November	69,359			874,547		
December	81,651			956,198		
Lactose, human and animal						
January	87,796	93,798	6.8	87,796	93,798	6.8
February	87,435	84,205	-3.7	175,231	178,003	1.6
March	97,498			272,729		
April	91,183			363,912		
May	94,059			457,971		
June	101,024			558,995		
July	100,628			659,623		
August	97,385			757,008		
September	98,634			855,642		
October	91,218			946,860		
November	90,045			1,036,905		
December	94,529			1,131,434		
Whey protein concentrate, total						
January	41,935	43,800	4.4	41,935	43,800	4.4
February	35,600	37,391	5.0	77,535	81,191	4.7
March	39,800			117,335		
April	38,650			155,985		
May	39,715			195,700		
June	39,785			235,485		
July	39,600			275,085		
August	39,512			314,597		
September	39,400			353,997		
October	38,689			392,686		
November	40,053			432,739		
December	44,342			477,081		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2020 and 2021 (continued)

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	27,622	26,622	-3.6	27,622	26,622	-3.6
February	26,172	27,230	4.0	53,794	53,852	0.1
March	32,439			86,233		
April	32,946			119,179		
May	31,976			151,155		
June	31,008			182,163		
July	32,769			214,932		
August	32,431			247,363		
September	35,592			282,955		
October	33,908			316,863		
November	29,441			346,304		
December	31,195			377,499		
Cottage cheese, lowfat						
January	26,333	24,428	-7.2	26,333	24,428	-7.2
February	24,434	24,289	-0.6	50,767	48,717	-4.0
March	27,693			78,460		
April	28,300			106,760		
May	25,959			132,719		
June	25,505			158,224		
July	28,793			187,017		
August	27,264			214,281		
September	28,120			242,401		
October	28,891			271,292		
November	23,603			294,895		
December	24,870			319,765		
Sour cream						
January	121,591	115,248	-5.2	121,591	115,248	-5.2
February	101,869	113,631	11.5	223,460	228,879	2.4
March	118,779			342,239		
April	111,887			454,126		
May	136,118			590,244		
June	121,962			712,206		
July	113,206			825,412		
August	117,762			943,174		
September	121,426			1,064,600		
October	140,258			1,204,858		
November	129,946			1,334,804		
December	133,696			1,468,500		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2020 and 2021 (continued)

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	52,157	56,990	9.3	52,157	56,990	9.3
February	52,484	54,975	4.7	104,641	111,965	7.0
March	63,707			168,348		
April	63,059			231,407		
May	64,092			295,499		
June	71,841			367,340		
July	71,669			439,009		
August	68,997			508,006		
September	65,078			573,084		
October	61,712			634,796		
November	53,472			688,268		
December	52,004			740,272		
Ice cream, lowfat total						
January	30,886	30,737	-0.5	30,886	30,737	-0.5
February	33,278	34,128	2.6	64,164	64,865	1.1
March	38,109			102,273		
April	35,531			137,804		
May	43,689			181,493		
June	47,333			228,826		
July	47,669			276,495		
August	44,839			321,334		
September	40,122			361,456		
October	34,985			396,441		
November	29,567			426,008		
December	29,871			455,879		
Sherbet, hard						
January	2,577	2,666	3.5	2,577	2,666	3.5
February	3,021	2,605	-13.8	5,598	5,271	-5.8
March	3,056			8,654		
April	2,759			11,413		
May	2,614			14,027		
June	3,475			17,502		
July	3,037			20,539		
August	3,376			23,915		
September	3,076			26,991		
October	2,768			29,759		
November	2,310			32,069		
December	2,671			34,740		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2020 and 2021 (continued)

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

Product and month	Monthly			Cumulative		
	2020	2021	Change from 2020	2020	2021	Change from 2020
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	347,758	385,594	10.9	347,758	385,594	10.9
February	375,155	381,691	1.7	722,913	767,285	6.1
March	418,060			1,140,973		
April	363,628			1,504,601		
May	372,064			1,876,665		
June	396,538			2,273,203		
July	365,970			2,639,173		
August	382,283			3,021,456		
September	388,829			3,410,285		
October	386,920			3,797,205		
November	326,188			4,123,393		
December	358,327			4,481,720		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	4,032	3,804	-5.7	4,032	3,804	-5.7
February	4,160	4,264	2.5	8,192	8,068	-1.5
March	5,577			13,769		
April	4,762			18,531		
May	6,038			24,569		
June	5,344			29,913		
July	5,619			35,532		
August	8,119			43,651		
September	4,463			48,114		
October	4,425			52,539		
November	3,822			56,361		
December	2,859			59,220		

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, United States, and Regions:
February 2020 and 2021**

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	199,198	210,201	193,767	-2.7	-7.8
Idaho	73,497	87,772	73,079	-0.6	-16.7
Illinois	5,457	4,460	4,798	-12.1	7.6
Iowa	28,283	30,330	26,521	-6.2	-12.6
Minnesota	59,114	64,871	59,503	0.7	-8.3
New Jersey	4,448	5,210	4,021	-9.6	-22.8
New Mexico	76,163	83,762	73,070	-4.1	-12.8
New York	63,261	67,910	68,149	7.7	0.4
Ohio	19,647	20,781	18,857	-4.0	-9.3
Oregon	17,569	20,427	16,799	-4.4	-17.8
Pennsylvania	29,665	36,535	34,059	14.8	-6.8
South Dakota	35,950	42,161	43,156	20.0	2.4
Vermont	11,567	13,146	11,620	0.5	-11.6
Wisconsin	261,125	283,853	263,005	0.7	-7.3
Other States ¹	146,728	164,148	152,784	4.1	-6.9
United States	1,031,672	1,135,567	1,043,188	1.1	-8.1
Atlantic	119,376	132,703	128,367	7.5	-3.3
Central	482,191	534,548	495,472	2.8	-7.3
West	430,105	468,316	419,349	-2.5	-10.5

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

American Cheese Production – States, United States, and Regions: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	46,813	49,994	46,688	-0.3	-6.6
Idaho	47,323	53,577	45,842	-3.1	-14.4
Iowa	17,758	19,164	15,883	-10.6	-17.1
Minnesota	49,400	53,251	48,583	-1.7	-8.8
New York	11,399	13,361	11,867	4.1	-11.2
Oregon	17,476	20,346	16,704	-4.4	-17.9
Wisconsin	80,434	93,350	85,400	6.2	-8.5
Other States ¹	148,002	171,272	154,425	4.3	-9.8
United States	418,605	474,315	425,392	1.6	-10.3
Atlantic	26,957	31,303	27,380	1.6	-12.5
Central	212,689	245,240	224,711	5.7	-8.4
West	178,959	197,772	173,301	-3.2	-12.4

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

Cheddar Cheese Production – States, United States, and Regions: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	22,138	27,512	23,044	4.1	-16.2
Iowa	10,066	11,728	9,951	-1.1	-15.2
Minnesota	48,344	51,828	47,404	-1.9	-8.5
Oregon	15,660	18,084	14,463	-7.6	-20.0
Vermont	8,462	9,365	8,682	2.6	-7.3
Wisconsin	55,908	65,339	58,500	4.6	-10.5
Other States ¹	141,830	163,093	139,507	-1.6	-14.5
United States	302,408	346,949	301,551	-0.3	-13.1
Atlantic	25,864	29,312	26,719	3.3	-8.8
Central	150,414	174,324	156,799	4.2	-10.1
West	126,130	143,313	118,033	-6.4	-17.6

¹ 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: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	132,610	138,518	126,430	-4.7	-8.7
Idaho	21,721	29,022	23,244	7.0	-19.9
Minnesota	9,449	11,403	10,705	13.3	-6.1
New York	28,297	30,714	28,809	1.8	-6.2
Pennsylvania	21,408	24,145	22,094	3.2	-8.5
Wisconsin	131,974	135,399	126,328	-4.3	-6.7
Other States ¹	102,731	111,828	106,701	3.9	-4.6
United States	448,190	481,029	444,311	-0.9	-7.6
Atlantic	56,208	60,006	56,952	1.3	-5.1
Central	184,200	195,688	184,861	0.4	-5.5
West	207,782	225,335	202,498	-2.5	-10.1

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

Mozzarella Cheese Production – States, United States, and Regions: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	122,055	126,896	114,861	-5.9	-9.5
Idaho	21,296	28,285	22,629	6.3	-20.0
New York	14,801	15,394	14,532	-1.8	-5.6
Pennsylvania	18,098	19,947	18,497	2.2	-7.3
Wisconsin	85,714	86,003	83,400	-2.7	-3.0
Other States ¹	91,236	98,423	93,580	2.6	-4.9
United States	353,200	374,948	347,499	-1.6	-7.3
Atlantic	36,794	38,046	36,630	-0.4	-3.7
Central	120,946	125,072	121,722	0.6	-2.7
West	195,460	211,830	189,147	-3.2	-10.7

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

Butter Production – States, United States, and Regions: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	57,624	65,111	57,003	-1.1	-12.5
New York	2,621	2,813	2,574	-1.8	-8.5
Pennsylvania	8,078	7,717	7,912	-2.1	2.5
Other States ¹	119,712	133,989	118,131	-1.3	-11.8
United States	188,035	209,630	185,620	-1.3	-11.5
Atlantic	19,013	19,224	18,120	-4.7	-5.7
Central	73,271	83,138	73,800	0.7	-11.2
West	95,751	107,268	93,700	-2.1	-12.6

¹ 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: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	70,087	94,652	90,503	29.1	-4.4
Pennsylvania	16,104	16,177	12,185	-24.3	-24.7
Other States ¹	72,937	87,196	83,585	14.6	-4.1
United States	159,128	198,025	186,273	17.1	-5.9
Atlantic	27,464	32,325	25,197	-8.3	-22.1
Central	29,257	29,646	33,313	13.9	12.4
West	102,407	136,054	127,763	24.8	-6.1

¹ 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: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	10,360	11,106	10,852	4.7	-2.3
Wisconsin	23,274	27,899	27,296	17.3	-2.2
Other States ¹	41,372	43,883	37,795	-8.6	-13.9
United States	75,006	82,888	75,943	1.2	-8.4
Atlantic	19,902	22,100	21,229	6.7	-3.9
Central	35,855	38,667	36,811	2.7	-4.8
West	19,249	22,121	17,903	-7.0	-19.1

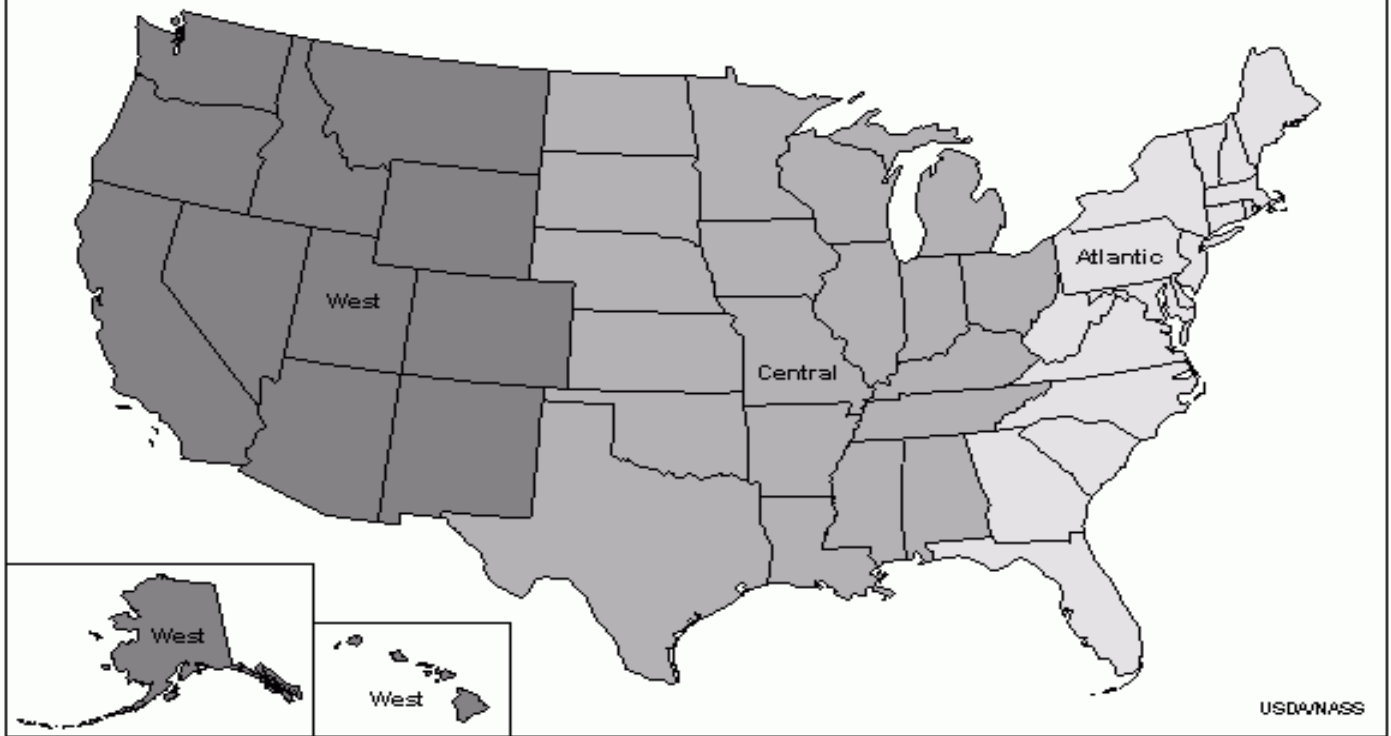
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States, United States, and Regions: February 2020 and 2021

State and region	February 2020	January 2021	February 2021	Change from	
				February 2020	January 2021
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	4,312	5,552	5,884	36.5	6.0
Connecticut	1,115	1,139	1,120	0.4	-1.7
Missouri	2,907	1,800	2,913	0.2	61.8
New York	1,578	2,496	1,961	24.3	-21.4
Ohio	1,839	2,161	2,358	28.2	9.1
Oregon	1,017	1,227	1,033	1.6	-15.8
Pennsylvania	3,419	2,805	2,181	-36.2	-22.2
Tennessee	2,070	2,532	2,010	-2.9	-20.6
Utah	1,627	1,740	1,596	-1.9	-8.3
Other States ¹	32,600	35,538	33,919	4.0	-4.6
United States	52,484	56,990	54,975	4.7	-3.5
Atlantic	11,984	13,461	12,162	1.5	-9.7
Central	31,759	33,089	32,242	1.5	-2.6
West	8,741	10,440	10,571	20.9	1.3

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 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.

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(202) 690-8632
Ryan Cowen – Cattle, Cattle on Feed	(202) 720-3040
Logan Hartley – Sheep and Goats	(202) 690-3236
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

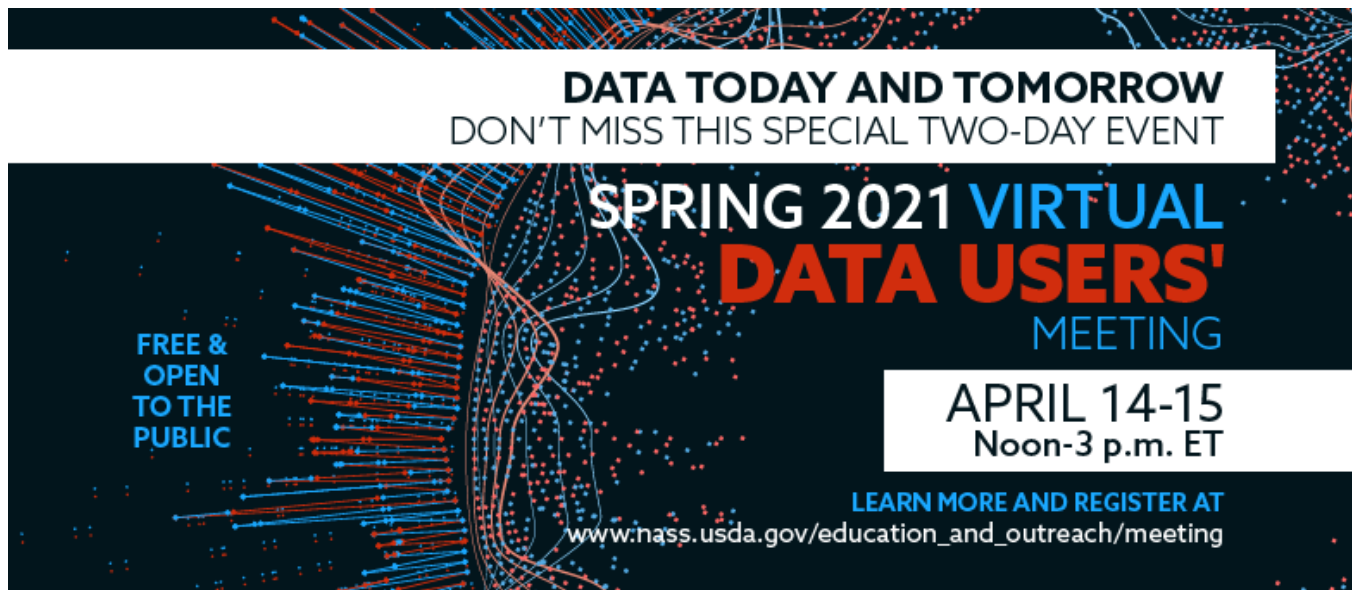
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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and 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

Virtual Meeting
April 14 and 15, 2021
12:00 – 3:00 pm ET

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. Along with NASS, the 2021 Spring Data Users' Meeting will headline the Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Representatives will provide agency updates, answer questions, and listen to concerns from data users.

Abbreviated Agenda

Day 1 – April 14

Agency Updates– *All agencies*

AMS Market News - *Agricultural Marketing Service*

World Board Meteorology - *World Agricultural Outlook Board*

NASS Grain Stocks Program - *National Agricultural Statistics Service*

Foreign Production, Trade, and Import/Export Data - *World Agricultural Outlook Board, Foreign Agricultural Service, and U.S. Census Bureau*

Day 2 – April 15

Open Forum – *All agencies*

NASS Modernization - *National Agricultural Statistics Service*

ERS Research - *Economic Research Service*

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).