



# Dairy Products

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## April 2022 Highlights

**Total cheese** output (excluding cottage cheese) was 1.16 billion pounds, 0.1 percent above April 2021 but 4.5 percent below March 2022.

**Italian type cheese** production totaled 489 million pounds, 1.2 percent above April 2021 but 5.5 percent below March 2022.

**American type cheese** production totaled 465 million pounds, 2.7 percent below April 2021 and 1.8 percent below March 2022.

**Butter** production was 181 million pounds, 1.0 percent below April 2021 and 10.3 percent below March 2022.

### **Dry milk products** (comparisons in percentage with April 2021)

Nonfat dry milk, human - 196 million pounds, up 1.0 percent.

Skim milk powder - 35.6 million pounds, down 36.5 percent.

### **Whey products** (comparisons in percentage with April 2021)

Dry whey, total - 82.8 million pounds, up 7.0 percent.

Lactose, human and animal - 101 million pounds, up 2.8 percent.

Whey protein concentrate, total - 45.9 million pounds, down 8.1 percent.

### **Frozen products** (comparisons in percentage with April 2021)

Ice cream, regular (hard) - 65.4 million gallons, down 4.9 percent.

Ice cream, lowfat (total) - 38.3 million gallons, down 10.8 percent.

Sherbet (hard) - 2.24 million gallons, down 20.6 percent.

Frozen yogurt (total) - 4.83 million gallons, down 1.2 percent.

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## Dairy Products Production by Product – United States: April 2021 and 2022

Product	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	182,991	201,940	181,194	-1.0	-10.3
<b>Cheese</b>					
American types <sup>1</sup> .....	478,196	473,724	465,415	-2.7	-1.8
Cheddar .....	337,847	327,246	320,994	-5.0	-1.9
Other American types .....	140,349	146,478	144,421	2.9	-1.4
Blue and Gorgonzola .....	7,393	7,102	7,833	6.0	10.3
Brick and Muenster .....	15,476	16,449	17,903	15.7	8.8
Cream and Neufchatel .....	81,648	96,581	84,463	3.4	-12.5
Feta .....	15,602	12,025	14,648	-6.1	21.8
Gouda .....	3,549	6,881	5,289	49.0	-23.1
Hispanic .....	27,579	31,747	28,964	5.0	-8.8
Italian types .....	483,156	517,561	489,041	1.2	-5.5
Mozzarella .....	377,151	407,492	385,779	2.3	-5.3
Parmesan .....	40,900	43,317	39,468	-3.5	-8.9
Provolone .....	32,804	30,488	30,351	-7.5	-0.4
Ricotta .....	19,813	23,178	21,104	6.5	-8.9
Romano .....	5,911	4,635	4,452	-24.7	-3.9
Other Italian types .....	6,577	8,451	7,887	19.9	-6.7
Swiss .....	28,832	31,525	30,276	5.0	-4.0
All other types .....	13,170	16,490	11,690	-11.2	-29.1
<b>Total cheese</b> <sup>2</sup> .....	<b>1,154,601</b>	<b>1,210,085</b>	<b>1,155,522</b>	<b>0.1</b>	<b>-4.5</b>
Cottage cheese, curd <sup>3</sup> .....	28,853	31,927	29,568	2.5	-7.4
Cottage cheese, cream <sup>4</sup> .....	27,116	29,744	26,736	-1.4	-10.1
Cottage cheese, lowfat <sup>5</sup> .....	25,862	26,934	26,390	2.0	-2.0
Sour cream .....	119,051	129,936	117,676	-1.2	-9.4
Yogurt, plain and flavored .....	414,884	431,500	378,115	-8.9	-12.4
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	68,856	65,973	65,448	-4.9	-0.8
Ice cream, lowfat, hard .....	20,934	22,017	20,242	-3.3	-8.1
Ice cream, lowfat, soft .....	22,052	18,444	18,105	-17.9	-1.8
Ice cream, lowfat, total <sup>6</sup> .....	42,986	40,461	38,347	-10.8	-5.2
Ice cream, nonfat, hard .....	791	661	752	-4.9	13.8
Sherbet, hard .....	2,823	2,826	2,241	-20.6	-20.7
Frozen yogurt, total .....	4,895	4,274	4,834	-1.2	13.1
Regular and lowfat, hard .....	1,126	1,511	1,140	1.2	-24.6
Nonfat, hard .....	223	237	148	-33.6	-37.6
Other frozen dairy products .....	1,125	1,055	1,118	-0.6	6.0
Water and juice ices .....	6,471	6,535	6,218	-3.9	-4.9
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	45,309	42,469	42,655	-5.9	0.4
Ice cream, lowfat, mix <sup>7</sup> .....	23,589	22,632	21,495	-8.9	-5.0
Ice cream, nonfat, mix .....	538	563	445	-17.3	-21.0
Sherbet mix .....	2,087	2,111	1,694	-18.8	-19.8
Yogurt mix .....	2,049	1,712	1,753	-14.4	2.4

<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:  
April 2021 and 2022**

Product	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	10,753	9,655	8,427	-21.6	-12.7
Dry whey products					
Dry whey, human .....	76,070	81,372	81,278	6.8	-0.1
Dry whey, animal .....	1,365	1,688	1,541	12.9	-8.7
Dry whey, total .....	77,435	83,060	82,819	7.0	-0.3
Reduced lactose and minerals					
Human .....	2,499	3,035	2,863	14.6	-5.7
Animal .....	2,847	3,620	3,363	18.1	-7.1
Whey protein concentrate					
Human <sup>2</sup> .....	48,890	39,627	44,906	-8.1	13.3
Animal <sup>2</sup> .....	1,066	1,141	1,013	-5.0	-11.2
Total <sup>2</sup> .....	49,956	40,768	45,919	-8.1	12.6
25.0-49.9 percent <sup>3</sup> .....	19,675	13,889	15,714	-20.1	13.1
50.0-89.9 percent <sup>3</sup> .....	30,281	26,879	30,205	-0.3	12.4
Whey protein isolates <sup>4</sup> .....	10,311	12,073	12,866	24.8	6.6
Lactose, human and animal .....	98,065	96,701	100,789	2.8	4.2
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	59,278	67,847	72,073	21.6	6.2
Dry whey, animal .....	995	1,015	991	-0.4	-2.4
Dry whey, total .....	60,273	68,862	73,064	21.2	6.1
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	7,115	7,968	9,192	29.2	15.4
Whey protein concentrate					
Human <sup>2</sup> .....	60,267	65,300	66,884	11.0	2.4
Animal <sup>2</sup> .....	1,412	1,782	1,769	25.3	-0.7
Total <sup>2</sup> .....	61,679	67,082	68,653	11.3	2.3
25.0-49.9 percent <sup>3</sup> .....	23,114	21,894	20,825	-9.9	-4.9
50.0-89.9 percent <sup>3</sup> .....	38,565	45,188	47,828	24.0	5.8
Whey protein isolates <sup>4</sup> .....	12,660	13,677	13,155	3.9	-3.8
Lactose, human and animal .....	127,434	169,831	165,350	29.8	-2.6
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	38.8	42.5	39.9	1.2	-2.5

<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:  
April 2021 and 2022**

Product	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	124,966	115,551	114,755	-8.2	-0.7
Dry milk products					
Dry buttermilk, total .....	12,982	11,454	12,444	-4.1	8.6
Dry skim milk, animal .....	572	502	898	57.0	78.9
Dry whole milk .....	13,760	11,738	10,710	-22.2	-8.8
Milk protein concentrate, total <sup>1</sup> .....	18,875	20,710	21,479	13.8	3.7
Nonfat dry milk, human .....	193,792	191,349	195,763	1.0	2.3
Skim milk powder, total <sup>2</sup> .....	55,977	33,146	35,550	-36.5	7.3
<b>Manufacturers' stocks end-of-month <sup>3</sup></b>					
Dry milk products					
Dry buttermilk, total .....	22,547	23,683	24,515	8.7	3.5
Dry skim milk, animal .....	9,650	7,632	7,955	-17.6	4.2
Dry whole milk .....	15,669	24,507	19,464	24.2	-20.6
Nonfat dry milk, human .....	297,427	287,795	298,712	0.4	3.8
<b>Manufacturers' shipments <sup>4</sup></b>					
Dry milk products					
Nonfat dry milk, human .....	192,542	185,494	174,863	-9.2	-5.7

<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: 2021 and 2022

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total cheese <sup>1</sup></b>						
January .....	1,143,106	1,172,006	2.5	1,143,106	1,172,006	2.5
February .....	1,047,673	1,105,338	5.5	2,190,779	2,277,344	4.0
March .....	1,183,382	1,210,085	2.3	3,374,161	3,487,429	3.4
April .....	1,154,601	1,155,522	0.1	4,528,762	4,642,951	2.5
May .....	1,163,223			5,691,985		
June .....	1,126,772			6,818,757		
July .....	1,145,699			7,964,456		
August .....	1,148,755			9,113,211		
September .....	1,134,384			10,247,595		
October .....	1,172,302			11,419,897		
November .....	1,151,406			12,571,303		
December .....	1,201,463			13,772,766		
<b>Total American cheese types <sup>2</sup></b>						
January .....	478,328	471,650	-1.4	478,328	471,650	-1.4
February .....	427,090	442,683	3.7	905,418	914,333	1.0
March .....	480,500	473,724	-1.4	1,385,918	1,388,057	0.2
April .....	478,196	465,415	-2.7	1,864,114	1,853,472	-0.6
May .....	481,545			2,345,659		
June .....	457,394			2,803,053		
July .....	467,274			3,270,327		
August .....	462,477			3,732,804		
September .....	454,668			4,187,472		
October .....	480,880			4,668,352		
November .....	462,639			5,130,991		
December .....	483,770			5,614,761		
<b>Cheddar cheese</b>						
January .....	352,093	332,479	-5.6	352,093	332,479	-5.6
February .....	301,126	308,061	2.3	653,219	640,540	-1.9
March .....	336,776	327,246	-2.8	989,995	967,786	-2.2
April .....	337,847	320,994	-5.0	1,327,842	1,288,780	-2.9
May .....	348,365			1,676,207		
June .....	329,810			2,006,017		
July .....	325,011			2,331,028		
August .....	320,293			2,651,321		
September .....	309,879			2,961,200		
October .....	341,914			3,303,114		
November .....	321,524			3,624,638		
December .....	345,665			3,970,303		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total Italian cheese types</b>						
January .....	482,461	503,643	4.4	482,461	503,643	4.4
February .....	443,396	466,287	5.2	925,857	969,930	4.8
March .....	502,101	517,561	3.1	1,427,958	1,487,491	4.2
April .....	483,156	489,041	1.2	1,911,114	1,976,532	3.4
May .....	472,514			2,383,628		
June .....	465,030			2,848,658		
July .....	480,260			3,328,918		
August .....	480,009			3,808,927		
September .....	475,972			4,284,899		
October .....	488,426			4,773,325		
November .....	485,853			5,259,178		
December .....	508,981			5,768,159		
<b>Mozzarella</b>						
January .....	376,540	394,810	4.9	376,540	394,810	4.9
February .....	344,391	359,283	4.3	720,931	754,093	4.6
March .....	392,656	407,492	3.8	1,113,587	1,161,585	4.3
April .....	377,151	385,779	2.3	1,490,738	1,547,364	3.8
May .....	371,087			1,861,825		
June .....	364,385			2,226,210		
July .....	374,441			2,600,651		
August .....	374,517			2,975,168		
September .....	369,882			3,345,050		
October .....	378,302			3,723,352		
November .....	378,299			4,101,651		
December .....	394,985			4,496,636		
<b>Other Italian cheese types</b>						
January .....	6,374	7,952	24.8	6,374	7,952	24.8
February .....	6,455	7,304	13.2	12,829	15,256	18.9
March .....	7,132	8,451	18.5	19,961	23,707	18.8
April .....	6,577	7,887	19.9	26,538	31,594	19.1
May .....	6,815			33,353		
June .....	7,638			40,991		
July .....	7,750			48,741		
August .....	7,708			56,449		
September .....	7,639			64,088		
October .....	8,621			72,709		
November .....	8,011			80,720		
December .....	8,879			89,599		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Butter</b>						
January .....	222,262	194,034	-12.7	222,262	194,034	-12.7
February .....	188,833	183,462	-2.8	411,095	377,496	-8.2
March .....	199,574	201,940	1.2	610,669	579,436	-5.1
April .....	182,991	181,194	-1.0	793,660	760,630	-4.2
May .....	183,041			976,701		
June .....	156,965			1,133,666		
July .....	147,112			1,280,778		
August .....	147,053			1,427,831		
September .....	143,640			1,571,471		
October .....	164,296			1,735,767		
November .....	155,987			1,891,754		
December .....	179,962			2,071,716		
<b>Nonfat dry milk, human</b>						
January .....	210,168	170,306	-19.0	210,168	170,306	-19.0
February .....	182,471	170,815	-6.4	392,639	341,121	-13.1
March .....	198,254	191,349	-3.5	590,893	532,470	-9.9
April .....	193,792	195,763	1.0	784,685	728,233	-7.2
May .....	205,470			990,155		
June .....	185,604			1,175,759		
July .....	155,789			1,331,548		
August .....	121,559			1,453,107		
September .....	119,384			1,572,491		
October .....	120,721			1,693,212		
November .....	132,011			1,825,223		
December .....	167,804			1,993,027		
<b>Skim milk powder, total <sup>3</sup></b>						
January .....	48,065	43,415	-9.7	48,065	43,415	-9.7
February .....	43,967	29,612	-32.6	92,032	73,027	-20.7
March .....	52,575	33,146	-37.0	144,607	106,173	-26.6
April .....	55,977	35,550	-36.5	200,584	141,723	-29.3
May .....	48,496			249,080		
June .....	54,174			303,254		
July .....	64,413			367,667		
August .....	72,450			440,117		
September .....	72,120			512,237		
October .....	77,649			589,886		
November .....	59,550			649,436		
December .....	48,567			698,003		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Dry whey, total <sup>4</sup></b>						
January .....	83,537	80,406	-3.7	83,537	80,406	-3.7
February .....	77,154	70,288	-8.9	160,691	150,694	-6.2
March .....	76,909	83,060	8.0	237,600	233,754	-1.6
April .....	77,435	82,819	7.0	315,035	316,573	0.5
May .....	77,277			392,312		
June .....	76,350			468,662		
July .....	81,016			549,678		
August .....	82,302			631,980		
September .....	75,185			707,165		
October .....	74,882			782,047		
November .....	75,856			857,903		
December .....	76,044			933,947		
<b>Lactose, human and animal</b>						
January .....	91,730	101,448	10.6	91,730	101,448	10.6
February .....	84,576	92,778	9.7	176,306	194,226	10.2
March .....	97,812	96,701	-1.1	274,118	290,927	6.1
April .....	98,065	100,789	2.8	372,183	391,716	5.2
May .....	94,741			466,924		
June .....	96,228			563,152		
July .....	99,012			662,164		
August .....	97,958			760,122		
September .....	100,670			860,792		
October .....	96,548			957,340		
November .....	90,511			1,047,851		
December .....	103,807			1,151,658		
<b>Whey protein concentrate, total</b>						
January .....	41,358	47,226	14.2	41,358	47,226	14.2
February .....	35,794	40,718	13.8	77,152	87,944	14.0
March .....	40,832	40,768	-0.2	117,984	128,712	9.1
April .....	49,956	45,919	-8.1	167,940	174,631	4.0
May .....	40,450			208,390		
June .....	38,515			246,905		
July .....	38,689			285,594		
August .....	41,587			327,181		
September .....	44,812			371,993		
October .....	46,622			418,615		
November .....	43,440			462,055		
December .....	46,935			508,990		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Cottage cheese, cream</b>						
January .....	26,717	27,422	2.6	26,717	27,422	2.6
February .....	27,677	28,452	2.8	54,394	55,874	2.7
March .....	31,597	29,744	-5.9	85,991	85,618	-0.4
April .....	27,116	26,736	-1.4	113,107	112,354	-0.7
May .....	28,165			141,272		
June .....	28,624			169,896		
July .....	29,474			199,370		
August .....	29,527			228,897		
September .....	28,604			257,501		
October .....	27,437			284,938		
November .....	26,136			311,074		
December .....	27,472			338,546		
<b>Cottage cheese, lowfat</b>						
January .....	24,664	24,313	-1.4	24,664	24,313	-1.4
February .....	24,788	24,832	0.2	49,452	49,145	-0.6
March .....	29,719	26,934	-9.4	79,171	76,079	-3.9
April .....	25,862	26,390	2.0	105,033	102,469	-2.4
May .....	24,753			129,786		
June .....	25,730			155,516		
July .....	26,481			181,997		
August .....	26,252			208,249		
September .....	25,745			233,994		
October .....	24,129			258,123		
November .....	22,085			280,208		
December .....	23,028			303,236		
<b>Sour cream</b>						
January .....	114,190	121,358	6.3	114,190	121,358	6.3
February .....	114,679	117,010	2.0	228,869	238,368	4.2
March .....	133,781	129,936	-2.9	362,650	368,304	1.6
April .....	119,051	117,676	-1.2	481,701	485,980	0.9
May .....	120,142			601,843		
June .....	126,500			728,343		
July .....	121,174			849,517		
August .....	122,915			972,432		
September .....	118,932			1,091,364		
October .....	132,853			1,224,217		
November .....	133,456			1,357,673		
December .....	136,439			1,494,112		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Ice cream, regular hard</b>						
January .....	57,904	51,240	-11.5	57,904	51,240	-11.5
February .....	57,863	54,872	-5.2	115,767	106,112	-8.3
March .....	68,982	65,973	-4.4	184,749	172,085	-6.9
April .....	68,856	65,448	-4.9	253,605	237,533	-6.3
May .....	61,168			314,773		
June .....	66,028			380,801		
July .....	64,257			445,058		
August .....	63,201			508,259		
September .....	55,511			563,770		
October .....	54,598			618,368		
November .....	52,137			670,505		
December .....	52,283			722,788		
<b>Ice cream, lowfat total</b>						
January .....	33,705	27,545	-18.3	33,705	27,545	-18.3
February .....	36,884	30,891	-16.2	70,589	58,436	-17.2
March .....	47,296	40,461	-14.5	117,885	98,897	-16.1
April .....	42,986	38,347	-10.8	160,871	137,244	-14.7
May .....	43,855			204,726		
June .....	43,004			247,730		
July .....	42,723			290,453		
August .....	40,724			331,177		
September .....	36,106			367,283		
October .....	35,214			402,497		
November .....	29,451			431,948		
December .....	28,727			460,675		
<b>Sherbet, hard</b>						
January .....	2,366	2,303	-2.7	2,366	2,303	-2.7
February .....	2,483	2,519	1.4	4,849	4,822	-0.6
March .....	2,497	2,826	13.2	7,346	7,648	4.1
April .....	2,823	2,241	-20.6	10,169	9,889	-2.8
May .....	2,364			12,533		
June .....	2,617			15,150		
July .....	2,793			17,943		
August .....	2,336			20,279		
September .....	2,148			22,427		
October .....	1,957			24,384		
November .....	1,773			26,157		
December .....	1,833			27,990		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued)

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

Product and month	Monthly			Cumulative		
	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January .....	384,678	372,943	-3.1	384,678	372,943	-3.1
February .....	382,863	373,445	-2.5	767,541	746,388	-2.8
March .....	443,374	431,500	-2.7	1,210,915	1,177,888	-2.7
April .....	414,884	378,115	-8.9	1,625,799	1,556,003	-4.3
May .....	393,724			2,019,523		
June .....	389,530			2,409,053		
July .....	401,106			2,810,159		
August .....	411,210			3,221,369		
September .....	409,977			3,631,346		
October .....	386,014			4,017,360		
November .....	355,335			4,372,695		
December .....	370,532			4,743,227		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January .....	3,033	3,371	11.1	3,033	3,371	11.1
February .....	3,934	4,272	8.6	6,967	7,643	9.7
March .....	3,795	4,274	12.6	10,762	11,917	10.7
April .....	4,895	4,834	-1.2	15,657	16,751	7.0
May .....	4,248			19,905		
June .....	4,240			24,145		
July .....	4,072			28,217		
August .....	4,334			32,551		
September .....	3,594			36,145		
October .....	3,562			39,707		
November .....	2,901			42,608		
December .....	3,789			46,397		

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

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

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

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

**Total Cheese Production Excluding Cottage Cheese – States, United States, and Regions:  
April 2021 and 2022**

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	207,372	213,372	205,182	-1.1	-3.8
Idaho .....	86,941	89,284	86,193	-0.9	-3.5
Illinois .....	5,109	5,300	5,904	15.6	11.4
Iowa .....	30,163	30,371	31,020	2.8	2.1
Minnesota .....	62,902	67,475	67,106	6.7	-0.5
New Jersey .....	4,248	5,791	4,746	11.7	-18.0
New Mexico .....	79,545	83,302	78,891	-0.8	-5.3
New York .....	68,334	78,987	68,999	1.0	-12.6
Ohio .....	20,784	23,434	22,711	9.3	-3.1
Pennsylvania .....	39,665	39,313	38,449	-3.1	-2.2
Vermont .....	12,615	12,728	12,671	0.4	-0.4
Wisconsin .....	294,023	300,568	282,785	-3.8	-5.9
Other States <sup>1</sup> .....	242,900	260,160	250,865	3.3	-3.6
United States .....	1,154,601	1,210,085	1,155,522	0.1	-4.5
Atlantic .....	136,886	148,988	137,020	0.1	-8.0
Central .....	553,967	580,230	557,243	0.6	-4.0
West .....	463,748	480,867	461,259	-0.5	-4.1

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

### American Cheese Production – States, United States, and Regions: April 2021 and 2022

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	51,685	49,098	47,126	-8.8	-4.0
Iowa .....	16,772	15,849	16,418	-2.1	3.6
Minnesota .....	50,821	54,949	54,644	7.5	-0.6
New York .....	11,402	11,367	10,438	-8.5	-8.2
Wisconsin .....	92,146	91,388	87,983	-4.5	-3.7
Other States <sup>1</sup> .....	255,370	251,073	248,806	-2.6	-0.9
United States .....	478,196	473,724	465,415	-2.7	-1.8
Atlantic .....	28,549	27,622	27,665	-3.1	0.2
Central .....	252,212	254,178	248,981	-1.3	-2.0
West .....	197,435	191,924	188,769	-4.4	-1.6

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

### Cheddar Cheese Production – States, United States, and Regions: April 2021 and 2022

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	26,047	23,073	21,342	-18.1	-7.5
Vermont .....	8,708	8,776	8,995	3.3	2.5
Wisconsin .....	62,195	60,223	59,942	-3.6	-0.5
Other States <sup>1</sup> .....	240,897	235,174	230,715	-4.2	-1.9
United States .....	337,847	327,246	320,994	-5.0	-1.9
Atlantic .....	26,298	26,349	25,724	-2.2	-2.4
Central .....	178,316	172,448	173,200	-2.9	0.4
West .....	133,233	128,449	122,070	-8.4	-5.0

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

## Total Italian Cheese Production – States, United States, and Regions: April 2021 and 2022

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	135,045	138,741	133,670	-1.0	-3.7
Minnesota .....	11,750	12,160	12,137	3.3	-0.2
New Jersey .....	1,939	3,244	2,275	17.3	-29.9
New York .....	28,589	30,368	28,298	-1.0	-6.8
Pennsylvania .....	23,062	24,152	23,007	-0.2	-4.7
Wisconsin .....	141,267	149,157	137,820	-2.4	-7.6
Other States <sup>1</sup> .....	141,504	159,739	151,834	7.3	-4.9
United States .....	483,156	517,561	489,041	1.2	-5.5
Atlantic .....	57,587	62,790	57,668	0.1	-8.2
Central .....	203,396	218,766	205,781	1.2	-5.9
West .....	222,173	236,005	225,592	1.5	-4.4

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

## Mozzarella Cheese Production – States, United States, and Regions: April 2021 and 2022

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	124,824	129,100	124,422	-0.3	-3.6
New Jersey .....	1,091	1,405	1,198	9.8	-14.7
New York .....	14,834	15,024	14,362	-3.2	-4.4
Pennsylvania .....	18,786	19,658	18,849	0.3	-4.1
Wisconsin .....	89,986	97,785	89,285	-0.8	-8.7
Other States <sup>1</sup> .....	127,630	144,520	137,663	7.9	-4.7
United States .....	377,151	407,492	385,779	2.3	-5.3
Atlantic .....	37,241	39,007	36,965	-0.7	-5.2
Central .....	129,231	143,940	134,267	3.9	-6.7
West .....	210,679	224,545	214,547	1.8	-4.5

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

**Butter Production – States, United States, and Regions: April 2021 and 2022**

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	59,185	69,702	60,539	2.3	-13.1
Pennsylvania .....	7,576	8,203	7,849	3.6	-4.3
Other States <sup>1</sup> .....	116,230	124,035	112,806	-2.9	-9.1
United States .....	182,991	201,940	181,194	-1.0	-10.3
Atlantic .....	16,163	17,642	15,301	-5.3	-13.3
Central .....	69,131	75,207	67,245	-2.7	-10.6
West .....	97,697	109,091	98,648	1.0	-9.6

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

**Nonfat Dry Milk (Human) Production – States, United States, and Regions: April 2021 and 2022**

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	91,076	92,289	91,368	0.3	-1.0
Pennsylvania .....	16,826	15,900	15,850	-5.8	-0.3
Other States <sup>1</sup> .....	85,890	83,160	88,545	3.1	6.5
United States .....	193,792	191,349	195,763	1.0	2.3
Atlantic .....	30,120	31,976	32,297	7.2	1.0
Central .....	38,879	34,119	41,370	6.4	21.3
West .....	124,793	125,254	122,096	-2.2	-2.5

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



## Dry Whey (Human) Production – States, United States, and Regions: April 2021 and 2022

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	9,040	11,883	11,548	27.7	-2.8
Wisconsin .....	26,613	26,792	27,677	4.0	3.3
Other States <sup>1</sup> .....	40,417	42,697	42,053	4.0	-1.5
United States .....	76,070	81,372	81,278	6.8	-0.1
Atlantic .....	19,715	22,650	21,581	9.5	-4.7
Central .....	37,757	40,274	38,858	2.9	-3.5
West .....	18,598	18,448	20,839	12.0	13.0

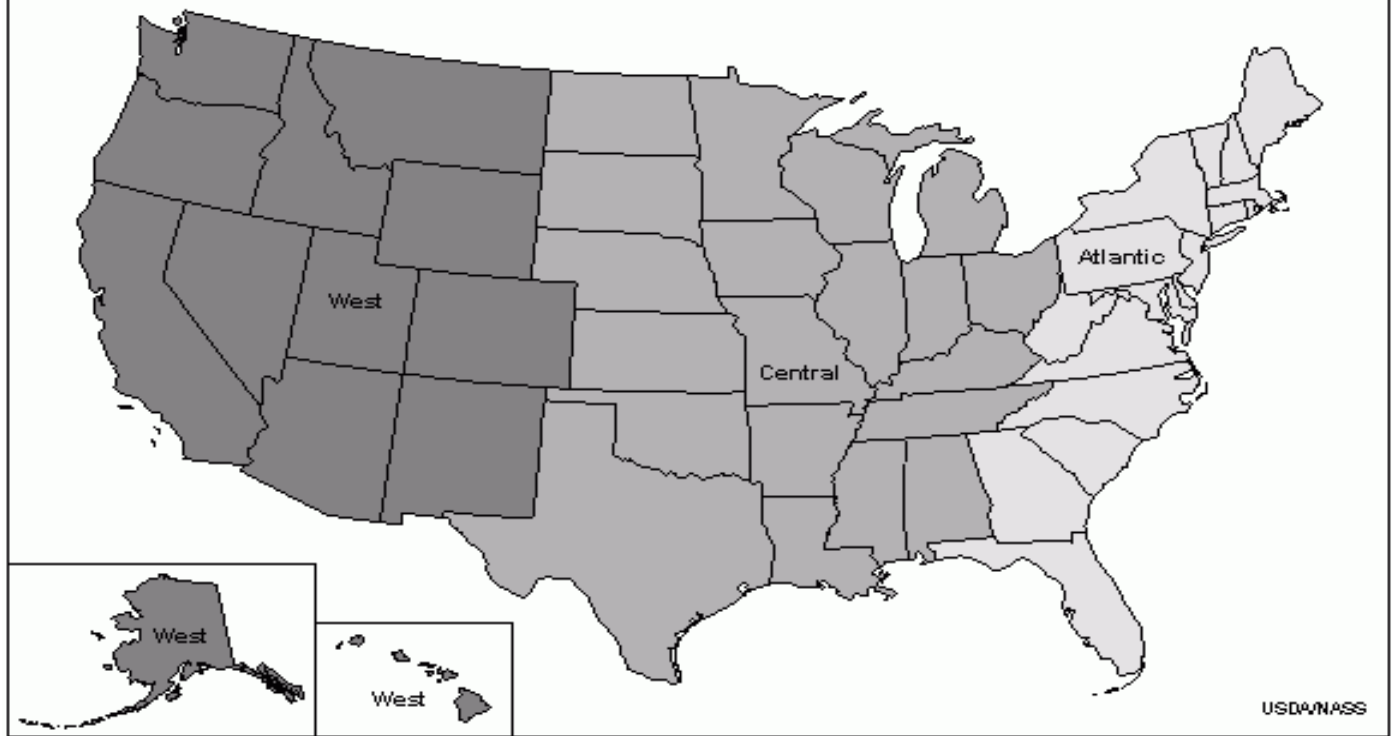
<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Ice Cream, Regular (Hard) Production – States, United States, and Regions: April 2021 and 2022

State and region	April 2021	March 2022	April 2022	Change from	
				April 2021	March 2022
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	7,886	7,315	8,438	7.0	15.4
Connecticut .....	1,301	683	1,607	23.5	135.3
New York .....	2,495	1,789	2,535	1.6	41.7
Ohio .....	2,617	2,272	1,922	-26.6	-15.4
Oregon .....	1,015	1,086	1,050	3.4	-3.3
Pennsylvania .....	2,862	2,681	3,247	13.5	21.1
Tennessee .....	2,294	2,113	1,994	-13.1	-5.6
Utah .....	1,575	1,501	1,711	8.6	14.0
Wisconsin .....	650	626	618	-4.9	-1.3
Other States <sup>1</sup> .....	46,161	45,907	42,326	-8.3	-7.8
United States .....	68,856	65,973	65,448	-4.9	-0.8
Atlantic .....	15,631	13,357	16,010	2.4	19.9
Central .....	40,800	40,610	36,467	-10.6	-10.2
West .....	12,425	12,006	12,971	4.4	8.0

<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 2021, there were 1,196 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
Ryan Cowen – Cattle, Cattle on Feed .....	(202) 720-3040
Anthony Fischer – Hogs and Pigs .....	(202) 720-3106
Logan Hartley-Sanguinett – Sheep and Goats .....	(202) 690-3236
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Suzanne Richards – Dairy Products .....	(202) 720-4448

## Access to NASS Reports

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- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov).
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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