

Dairy Products

ISSN: 1949-0399

Released July 1, 2022, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

May 2022 Highlights

Total cheese output (excluding cottage cheese) was 1.19 billion pounds, 2.1 percent above May 2021 and 2.5 percent above April 2022.

Italian type cheese production totaled 486 million pounds, 2.9 percent above May 2021 but 0.6 percent below April 2022.

American type cheese production totaled 483 million pounds, 0.3 percent above May 2021 and 3.3 percent above April 2022.

Butter production was 182 million pounds, 0.7 percent below May 2021 but 0.3 percent above April 2022.

Dry milk products (comparisons in percentage with May 2021) Nonfat dry milk, human - 193 million pounds, down 6.2 percent. Skim milk powder - 38.7 million pounds, down 20.3 percent.

Whey products (comparisons in percentage with May 2021) Dry whey, total - 84.6 million pounds, up 9.5 percent. Lactose, human and animal - 105 million pounds, up 10.8 percent. Whey protein concentrate, total - 43.7 million pounds, up 8.1 percent.

Frozen products (comparisons in percentage with May 2021) Ice cream, regular (hard) - 62.6 million gallons, up 2.3 percent. Ice cream, lowfat (total) - 40.5 million gallons, down 7.6 percent. Sherbet (hard) - 2.24 million gallons, down 5.2 percent. Frozen yogurt (total) - 4.31 million gallons, up 1.4 percent.

Contents

Dairy Products Production by Product – United States: May 2021 and 2022	3
Whey and Modified Whey Products Production, Stocks, and Prices – United States: May 2021 and 2022	4
Condensed and Dry Milk Products Production, Stocks, and Shipments – United States: May 2021 and 2022	5
Dairy Products Production by Product and Month – United States: 2021 and 2022	6
Total Cheese Production Excluding Cottage Cheese – States, United States, and Regions: May 2021 and 2022	13
American Cheese Production – States, United States, and Regions: May 2021 and 2022	14
Cheddar Cheese Production – States, United States, and Regions: May 2021 and 2022	14
Total Italian Cheese Production – States, United States, and Regions: May 2021 and 2022	15
Mozzarella Cheese Production – States, United States, and Regions: May 2021 and 2022	15
Butter Production – States, United States, and Regions: May 2021 and 2022	16
Nonfat Dry Milk (Human) Production – States, United States, and Regions: May 2021 and 2022	16
Dry Whey (Human) Production – States, United States, and Regions: May 2021 and 2022	17
Ice Cream, Regular (Hard) Production – States, United States, and Regions: May 2021 and 2022	17
Dairy Products Regions	18
Statistical Methodology	19
Information Contacts	20

Dairy Products Production by Product - United States: May 2021 and 2022

_	May	April	May	Change from		
Product	2021	2022	2022	May 2021	April 2022	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)	
Butter	183,041	181,179	181,711	-0.7	0.3	
Cheese						
American types ¹	481,545	467,510	482,807	0.3	3.3	
Cheddar	348,365	319,950	335,362	-3.7	4.8	
Other American types	133,180	147,560	147,445	10.7	-0.1	
Blue and Gorgonzola	8,207	7,883	7,380	-10.1	-6.4	
Brick and Muenster	17,416	17,868	15,857	-9.0	-11.3	
Cream and Neufchatel	93,185	84,477	101,748	9.2	20.4	
Feta	15,678	15,158	15,469	-1.3	2.1	
Gouda	5,723	5,308	5,568	-2.7	4.9	
Hispanic	27,919	28,946	29,900	7.1	3.3	
Italian types	472,514	489,492	486,315	2.9	-0.6	
Mozzarella	371,087	386,815	387,991	4.6	0.3	
Parmesan	40,065	39,681	36,735	-8.3	-7.4	
Provolone	32,232	29,582	30,296	-6.0	2.4	
Ricotta	16,005	21,104	19,108	19.4	-9.5	
Romano	6,310	4,400	4,170	-33.9	-5.2	
Other Italian types	6,815	7,910	8,015	17.6	1.3	
Swiss	28,347	30,290	31,133	9.8	2.8	
All other types	12,689	11,757	11,836	-6.7	0.7	
All other types	12,009	11,737	11,030	-0.7	0.7	
Total cheese ²	1,163,223	1,158,689	1,188,013	2.1	2.5	
Cottage cheese, curd ³	28,192	29,410	29,379	4.2	-0.1	
Cottage cheese, cream 4	28,165	26,671	27,561	-2.1	3.3	
Cottage cheese, lowfat ⁵	24,753	25,403	24,348	-1.6	-4.2	
Sour cream	120,142	117,676	125,210	4.2	6.4	
Yogurt, plain and flavored	393,724	378,182	400,546	1.7	5.9	
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)	
Frozen products						
Ice cream, regular, hard	61,168	64,748	62,580	2.3	-3.3	
Ice cream, lowfat, hard	21,662	20,646	19,495	-10.0	-5.6	
Ice cream, lowfat, soft	22,193	17,511	21,048	-5.2	20.2	
Ice cream, lowfat, total 6	43,855	38,157	40,543	-7.6	6.3	
Ice cream, nonfat, hard	521	752	665	27.6	-11.6	
Sherbet, hard	2,364	2,208	2,242	-5.2	1.5	
Frozen yogurt, total	4,248	4,827	4,306	1.4	-10.8	
Regular and lowfat, hard	978	1,135	1,096	12.1	-3.4	
Nonfat, hard	299	146	239	-20.1	63.7	
Other frozen dairy products	1,073	1,116	824	-23.2	-26.2	
Water and juice ices	6,561	6,218	6,974	6.3	12.2	
Mix for frozen products						
Ice cream, regular, mix	38,884	42,709	40,350	3.8	-5.5	
Ice cream, lowfat, mix 7	25,005	21,352	22,864	-8.6	7.1	
Ice cream, nonfat, mix	354	445	495	39.8	11.2	
Sherbet mix	1,719	1,668	1,713	-0.3	2.7	
Yogurt mix	1,713	1,750	1,807	5.5	3.3	

¹ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack. ² Excludes Cottage Cheese.

Mostly used for processing into cream or lowfat cottage cheese.
 Fat content 4 percent or more.
 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: May 2021 and 2022

	May	April	Mov	Chang	e from	
Product	2021	2022	May 2022	May 2021	April 2022	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)	
Condensed whey, solids content ¹ Sweet-type, human	10,535	8,532	8,217	-22.0	-3.7	
Dry whey products						
Dry whey, human		81,278	81,581	7.3	0.4	
Dry whey, animal		1,541	3,042	145.1	97.4	
Dry whey, total	77,277	82,819	84,623	9.5	2.2	
Reduced lactose and minerals						
Human	,	2,727	2,593	56.6	-4.9	
Animal	3,136	3,681	3,189	1.7	-13.4	
Whey protein concentrate						
Human ²		44,498	42,314	8.4	-4.9	
Animal ²		1,013	1,407	-1.3	38.9	
Total ²	40,450	45,511	43,721	8.1	-3.9	
25.0-49.9 percent ³	14,154	16,072	15,990	13.0	-0.5	
50.0-89.9 percent ³	26,296	29,439	27,731	5.5	-5.8	
Whey protein isolates ⁴	11,084	12,781	12,976	17.1	1.5	
Lactose, human and animal	94,741	100,889	104,943	10.8	4.0	
Manufacturers' stocks end of month ⁵						
Dry whey products						
Dry whey, human		72,223	71,746	7.5	-0.7	
Dry whey, animal	,	991	1,710	66.0	72.6	
Dry whey, total	67,755	73,214	73,456	8.4	0.3	
Reduced Lactose and minerals						
Human and animal ⁶	6,528	9,193	8,083	23.8	-12.1	
Whey protein concentrate						
Human ²	61,175	67,090	67,827	10.9	1.1	
Animal ²	1,993	1,777	1,910	-4.2	7.5	
Total ²		68,867	69,737	10.4	1.3	
25.0-49.9 percent ³	23,965	21,268	21,020	-12.3	-1.2	
50.0-89.9 percent ³	39,203	47,599	48,717	24.3	2.3	
Whey protein isolates ⁴	12,463	14,231	14,540	16.7	2.2	
Lactose, human and animal	130,816	168,132	172,144	31.6	2.4	
·	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)	
Manufacturers' selling price 7					5 /	
Dry whey, animal	37.1	39.9	39.8	2.6	-0.2	

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: May 2021 and 2022

	Mov	Anvil	Mav	Chang	e from
Product	May 2021	April 2022	2022	May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production Bulk condensed milk Skim, unsweetened	126,181	113,998	119,532	-5.3	4.9
Dry milk products Dry buttermilk, total Dry skim milk, animal Dry whole milk Milk protein concentrate, total ¹ Nonfat dry milk, human Skim milk powder, total ²	10,647 693 14,205 18,991 205,470 48,496	12,444 898 10,710 21,638 195,709 35,391	11,765 1,083 12,109 22,122 192,657 38,670	10.5 56.3 -14.8 16.5 -6.2 -20.3	-5.5 20.6 13.1 2.2 -1.6 9.3
Manufacturers' stocks end-of-month ³ Dry milk products Dry buttermilk, total Dry skim milk, animal Dry whole milk Nonfat dry milk, human	20,722 9,882 18,111 348,522	24,515 7,955 19,464 299,069	24,686 8,443 19,933 316,159	19.1 -14.6 10.1 -9.3	0.7 6.1 2.4 5.7
Manufacturers' shipments ⁴ Dry milk products Nonfat dry milk, human	175,615	174,575	158,244	-9.9	-9.4

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: 2021 and 2022 [Blank data cells indicate estimation period has not yet begun]

Ediank data cens indicate estimation pendu has not y		Monthly			Cumulative	
Product and month	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese 1						
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	1,158,689	0.4	4,528,762	4,646,118	2.6
May	1,163,223	1,188,013	2.1	5,691,985	5,834,131	2.5
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	1,152,102			11,399,697		
November	1,130,406			12,530,103		
December	1,176,463			13,706,566		
Total American cheese types ²						
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	467,510	-2.2	1,864,114	1,855,567	-0.5
May	481,545	482,807	0.3	2,345,659	2,338,374	-0.3
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	460,680			4,648,152		
November	449,639			5,097,791		
December	469,770			5,567,561		
Cheddar cheese						
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	319,950	-5.3	1,327,842	1,287,736	-3.0
May	348,365	335,362	-3.7	1,676,207	1,623,098	-3.2
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	324,914			3,286,114		
November	313,524			3,599,638		
December	333,665			3,933,303		

See footnote(s) at end of table.

--continued

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

		Monthly			Cumulative	
Product and month	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
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	489,492	1.3	1,911,114	1,976,983	3.4
May	472,514	486,315	2.9	2,383,628	2,463,298	3.3
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				4,773,325		
November	479,853			5,253,178		
December	498,981			5,752,159		
Mozzarella						
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	386,815	2.6	1,490,738	1,548,400	3.9
May	371,087	387,991	4.6	1,861,825	1,936,391	4.0
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	375,299			4,098,651		
December	388,985			4,487,636		
Other Italian cheese types						
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	7,910	20.3	26,538	31,617	19.1
May	6,815	8,015	17.6	33,353	39,632	18.8
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. --continued

Dairy Products Production by Product and Month – United States: 2021 and 2022 (continued) [Blank data cells indicate estimation period has not yet begun]

		Monthly			Cumulative	
Product and month	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January		194,034	-12.7	222,262	194,034	-12.7
February		183,462	-2.8	411,095	377,496	-8.2
March	, -	201,940	1.2	610,669	579,436	-5.1
April		181,179	-1.0	793,660	760,615	-4.2
May		181,711	-0.7	976,701	942,326	-3.5
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		
Nonfat dry milk, human						
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	195,709	1.0	784,685	728,179	-7.2
May	205,470	192,657	-6.2	990,155	920,836	-7.0
June	185,604			1,175,759	·	
July	137,789			1,313,548		
August	121,559			1,435,107		
September	139,384			1,574,491		
October	120,721			1,695,212		
November	161,011			1,856,223		
December	167,804			2,024,027		
Skim milk powder, total ³						
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	35,391	-36.8	200,584	141,564	-29.4
May	48.496	38,670	-20.3	249.080	180,234	-27.6
June	54,174	55,570	20.0	303,254	100,204	21.0
July				367,667		
August				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.

--continued

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

		Monthly			Cumulative	
Product and month	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ⁴						
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	84,623	9.5	392,312	401,196	2.3
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		
Lactose, human and animal						
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	100,889	2.9	372,183	391,816	5.3
May	94,741	104,943	10.8	466,924	496,759	6.4
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		
Whey protein concentrate, total						
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	45,511	-8.9	167,940	174,223	3.7
May	40,450	43,721	8.1	208,390	217,944	4.6
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. --continued

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

		Monthly		Cumulative		
Product and month	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
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	26,671	-1.6	113,107	112,289	-0.7
May	28,165	27,561	-2.1	141,272	139,850	-1.0
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		
Cottage cheese, lowfat						
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	25,403	-1.8	105,033	101,482	-3.4
May	24,753	24,348	-1.6	129,786	125,830	-3.0
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		
Sour cream						
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	125,210	4.2	601.843	611,190	1.6
June	126,500	120,210	7.2	728,343	311,100	1.0
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.

--continued

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

Diank data cens indicate estimation period has not y		Monthly			Cumulative	
Product and month	2021	2022	Change from 2021	2021	2022	Change from 2021
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
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	64,748	-6.0	253,605	236,833	-6.6
May	61,168	62,580	2.3	314,773	299,413	-4.9
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		
Ice cream, lowfat total						
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	38,157	-11.2	160,871	137,054	-14.8
May	43,855	40,543	-7.6	204,726	177,597	-13.3
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		
Sherbet, hard						
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	2,208	-21.8	10,169	9,856	-3.1
May	2,364	2,242	-5.2	12,533	12,098	-3.5
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. --continued

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

		Monthly			Cumulative	
Product and month	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		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	378,182	-8.8	1,625,799	1,556,070	-4.3
May		400,546	1.7	2,019,523	1,956,616	-3.1
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	4,827	-1.4	15,657	16,744	6.9
May	4,248	4,306	1.4	19,905	21,050	5.8
June				24,145		
July				28,217		
August				32,551		
September	3,594			36,145		
October				39,707		
November				42,608		
December	3,789			46,397		

Excludes Cottage Cheese.
 Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.
 Includes protein standardized and blends.
 Excludes all modified dry whey products.

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

	Mov	Anril	Mov	Change	from
State and region	May 2021	April 2022	May 2022	May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	207,595	205,412	211,775	2.0	3.1
Idaho	79,985	86,405	77,220	-3.5	-10.6
Illinois	5,124	5,904	5,962	16.4	1.0
lowa	29,843	31,510	33,082	10.9	5.0
Minnesota	65,106	67,203	66,533	2.2	-1.0
New Jersey	4,305	4,746	4,293	-0.3	-9.5
New Mexico	80,608	78,891	84,173	4.4	6.7
New York	72,364	70,045	76,240	5.4	8.8
Ohio	19,647	22,711	22,478	14.4	-1.0
Pennsylvania	38,114	38,449	39,420	3.4	2.5
Vermont	11,862	12,670	12,864	8.4	1.5
Wisconsin	294,983	284,555	289,537	-1.8	1.8
Other States ¹	253,687	250,188	264,436	4.2	5.7
United States	1,163,223	1,158,689	1,188,013	2.1	2.5
Atlantic	138,945	138,087	145,044	4.4	5.0
Central	563,616	559,909	572,230	1.5	2.2
West	460,662	460,693	470,739	2.2	2.2

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: May 2021 and 2022

State and region	Mov	April 2022	May 2022	Change from	
	May 2021			May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	50,469	47,126	50,605	0.3	7.4
lowa	16,001	16,901	17,525	9.5	3.7
Minnesota	53,746	55,668	56,459	5.0	1.4
New York	11,964	11,433	12,072	0.9	5.6
Wisconsin	92,509	88,057	88,566	-4.3	0.6
Other States ¹	256,856	248,325	257,580	0.3	3.7
United States	481,545	467,510	482,807	0.3	3.3
Atlantic	28,529	28,676	29,359	2.9	2.4
Central	257,864	250,871	259,029	0.5	3.3
West	195,152	187,963	194,419	-0.4	3.4

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: May 2021 and 2022

State and region	Mari	April 2022	May 2022	Change from	
	May 2021			May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	26,748 8,441 61,454	21,342 8,994 59,178	24,127 9,264 59,349	-9.8 9.8 -3.4	13.0 3.0 0.3
Other States 1	251,722	230,436	242,622	-3.6	5.3
United States	348,365	319,950	335,362	-3.7	4.8
Atlantic Central West	26,556 186,073 135,736	26,734 170,952 122,264	27,453 178,074 129,835	3.4 -4.3 -4.3	2.7 4.2 6.2

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: May 2021 and 2022

	Mov	April 2022	May 2022	Change from	
State and region	May 2021			May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	135,257	133,670	136,961	1.3	2.5
Minnesota	11,144	11,210	9,772	-12.3	-12.8
New Jersey	2,104	2,275	1,956	-7.0	-14.0
New York	28,302	28,345	27,050	-4.4	-4.6
Pennsylvania	23,323	23,007	23,990	2.9	4.3
Wisconsin	134,920	139,151	137,619	2.0	-1.1
Other States ¹	137,464	151,834	148,967	8.4	-1.9
United States	472,514	489,492	486,315	2.9	-0.6
Atlantic	57,999	57,715	57,273	-1.3	-0.8
Central	196,582	206,185	202,562	3.0	-1.8
West	217,933	225,592	226,480	3.9	0.4

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: May 2021 and 2022

				Change from	
State and region	May April 2021 2022	May 2022	May 2021	April 2022	
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	125,132	124,422	127,398	1.8	2.4
New Jersey	1,077	1,198	1,151	6.9	-3.9
New York	15,326	14,409	13,961	-8.9	-3.1
Pennsylvania	18,755	18,849	19,538	4.2	3.7
Wisconsin	87,752	90,598	89,459	1.9	-1.3
Other States ¹	123,045	137,339	136,484	10.9	-0.6
United States	371,087	386,815	387,991	4.6	0.3
Atlantic	38,173	37,012	37,665	-1.3	1.8
Central	127,097	135,256	134,843	6.1	-0.3
West	205,817	214,547	215,483	4.7	0.4

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

Butter Production - States, United States, and Regions: May 2021 and 2022

State and region	Mov	April 2022	May 2022	Change from	
	May 2021			May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California Pennsylvania	61,211 7,388	60,539 7,849	59,276 8,342	-3.2 12.9	-2.1 6.3
Other States ¹	114,442	112,791	114,093	-0.3	1.2
United States	183,041	181,179	181,711	-0.7	0.3
Atlantic	15,300	15,301	15,086	-1.4	-1.4
Central	68,004	67,230	70,048	3.0	4.2
West	99,737	98,648	96,577	-3.2	-2.1

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: May 2021 and 2022

		•	, ,		
	Mov	انعما	Mov	Change from	
State and region	May 2021	April 2022	May 2022	May	April
				2021	2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	91,812	91,368	85,300	-7.1	-6.6
Pennsylvania	16,853	15,850	16,706	-0.9	5.4
Other States ¹	96,805	88,491	90,651	-6.4	2.4
United States	205,470	195,709	192,657	-6.2	-1.6
Atlantic	33,403	32,297	33,120	-0.8	2.5
Central	39,159	41,316	41,708	6.5	0.9
West	132,908	122,096	117,829	-11.3	-3.5

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: May 2021 and 2022

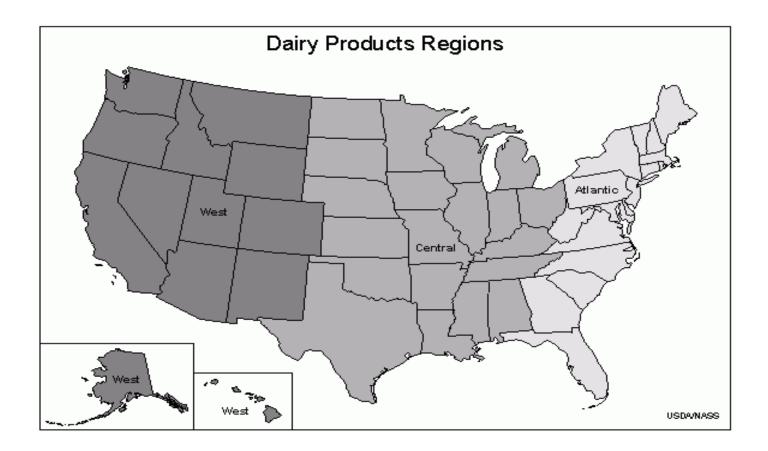
State and region	Mov	April 2022	May 2022	Change from	
	May 2021			May 2021	April 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New YorkWisconsin	12,609 23,833	11,548 27,677	14,255 24,913	13.1 4.5	23.4 -10.0
Other States ¹	39,594	42,053	42,413	7.1	0.9
United States	76,036	81,278	81,581	7.3	0.4
Atlantic Central West	23,665 34,565 17,806	21,581 38,858 20,839	24,562 37,121 19,898	3.8 7.4 11.7	13.8 -4.5 -4.5

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: May 2021 and 2022

		·		Chang	e from
State and region	May	April	May	May	April
	2021	2022	2022	2021	2022
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California Connecticut New York Ohio Oregon Pennsylvania Tennessee Utah Wisconsin	1,410 2,397 2,622 947 2,493 818 1,533	8,020 1,609 2,216 1,922 1,050 3,247 1,994 1,711 561	7,690 1,411 2,272 1,973 1,005 2,877 2,032 1,647 581	8.8 0.1 -5.2 -24.8 6.1 15.4 148.4 7.4	-4.1 -12.3 2.5 2.7 -4.3 -11.4 1.9 -3.7 3.6
Other States ¹ United States	41,217	42,418	41,092	-0.3	-3.1
	61,168	64,748	62,580	2.3	-3.3
Atlantic	14,357	15,695	14,341	-0.1	-8.6
	35,640	36,410	36,098	1.3	-0.9
	11,171	12,643	12,141	8.7	-4.0

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



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.

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	
Mike Miller – Milk Production and Milk Cows	· · · · · · · · · · · · · · · · · · ·
Suzanne Richards – Dairy Products	(202) 720-4448

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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the <u>USDA Program Discrimination</u> <u>Complaint Form</u> (PDF), found online at <u>www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer</u>, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at <u>program.intake@usda.gov</u>.