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Update Alert - February 7, 2025

Corrections were made to the monthly October 2024 data and the cumulative 2024 totals from October to December on pages 6-12. Quick Stats data was not impacted.

December 2024 Highlights

Total cheese output (excluding cottage cheese) was 1.20 billion pounds, 0.7 percent below December 2023 but 4.0 percent above November 2024.

Italian type cheese production totaled 523 million pounds, 3.1 percent above December 2023 and 5.9 percent above November 2024.

American type cheese production totaled 470 million pounds, 3.9 percent below December 2023 but 3.9 percent above November 2024.

Butter production was 198 million pounds, 2.3 percent above December 2023 and 13.3 percent above November 2024.

Dry milk products (comparisons in percentage with December 2023)

Nonfat dry milk, human - 130 million pounds, down 11.6 percent.

Skim milk powder - 51.0 million pounds, down 20.6 percent.

Whey products (comparisons in percentage with December 2023)

Dry whey, total - 69.0 million pounds, down 4.9 percent.

Lactose, human and animal - 93.8 million pounds, up 3.4 percent.

Whey protein concentrate, total - 41.6 million pounds, down 6.0 percent.

Frozen products (comparisons in percentage with December 2023)

Ice cream, regular (hard) - 52.5 million gallons, up 18.1 percent.

Ice cream, lowfat (total) - 24.4 million gallons, down 8.5 percent.

Sherbet (hard) - 1.45 million gallons, up 22.8 percent.

Frozen yogurt (total) - 3.16 million gallons, down 1.0 percent.

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Dairy Products Production by Product – United States: December 2023 and 2024

Product	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	193,656	174,808	198,126	2.3	13.3
Cheese					
American types ¹	489,254	452,686	470,186	-3.9	3.9
Cheddar	337,743	313,751	317,270	-6.1	1.1
Other American types	151,511	138,935	152,916	0.9	10.1
Blue and Gorgonzola	6,784	6,996	5,948	-12.3	-15.0
Brick and Muenster	17,626	17,878	18,225	3.4	1.9
Cream and Neufchatel	88,806	90,091	84,229	-5.2	-6.5
Feta	9,642	11,278	10,409	8.0	-7.7
Gouda	5,698	7,185	7,324	28.5	1.9
Hispanic	39,213	32,438	35,334	-9.9	8.9
Italian types	507,540	493,932	523,218	3.1	5.9
Mozzarella	401,292	388,572	416,980	3.9	7.3
Parmesan	41,540	38,590	41,527	(Z)	7.6
Provolone	30,461	31,021	30,074	-1.3	-3.1
Ricotta	22,742	21,886	21,679	-4.7	-0.9
Romano	4,395	4,869	4,702	7.0	-3.4
Other Italian types	7,110	8,994	8,256	16.1	-8.2
Swiss	28,943	26,017	29,294	1.2	12.6
All other types	14,208	15,189	15,648	10.1	3.0
Total cheese ²	1,207,714	1,153,690	1,199,815	-0.7	4.0
Cottage cheese, curd ³	31,114	36,102	36,963	18.8	2.4
Cottage cheese, cream ⁴	29,001	34,195	33,613	15.9	-1.7
Cottage cheese, lowfat ⁵	26,154	33,644	29,867	14.2	-11.2
Sour cream	132,557	131,996	138,544	4.5	5.0
Yogurt, plain and flavored	359,954	383,874	375,923	4.4	-2.1
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	44,454	50,806	52,506	18.1	3.3
Ice cream, lowfat, hard	12,619	13,022	12,639	0.2	-2.9
Ice cream, lowfat, soft	14,039	12,713	11,757	-16.3	-7.5
Ice cream, lowfat, total ⁶	26,658	25,735	24,396	-8.5	-5.2
Ice cream, nonfat, hard	595	425	467	-21.5	9.9
Sherbet, hard	1,182	1,260	1,451	22.8	15.2
Frozen yogurt, total	3,191	2,600	3,160	-1.0	21.5
Regular and lowfat, hard	1,171	1,006	1,125	-3.9	11.8
Nonfat, hard	160	215	175	9.4	-18.6
Other frozen dairy products	838	1,026	886	5.7	-13.6
Water and juice ices	3,530	4,554	3,844	8.9	-15.6
Mix for frozen products					
Ice cream, regular, mix	28,075	31,881	33,212	18.3	4.2
Ice cream, lowfat, mix ⁷	13,075	14,466	13,692	4.7	-5.4
Ice cream, nonfat, mix	300	546	523	74.3	-4.2
Sherbet mix	1,074	980	1,083	0.8	10.5
Yogurt mix	1,928	1,514	1,943	0.8	28.3

(Z) Less than half of the unit shown.

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:
December 2023 and 2024**

Product	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	7,779	6,136	6,654	-14.5	8.4
Dry whey products					
Dry whey, human	68,231	61,425	65,378	-4.2	6.4
Dry whey, animal	4,319	3,376	3,638	-15.8	7.8
Dry whey, total	72,550	64,801	69,016	-4.9	6.5
Reduced Lactose and minerals					
Human and animal	3,606	3,341	3,741	3.7	12.0
Whey protein concentrate					
Human ²	43,898	38,954	40,356	-8.1	3.6
Animal ²	402	681	1,266	214.9	85.9
Total ²	44,300	39,635	41,622	-6.0	5.0
25.0-49.9 percent ³	11,884	11,755	11,426	-3.9	-2.8
50.0-89.9 percent ³	32,416	27,880	30,196	-6.8	8.3
Whey protein isolates ⁴	15,684	15,532	18,530	18.1	19.3
Lactose, human and animal	90,687	85,082	93,809	3.4	10.3
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	65,429	53,627	56,925	-13.0	6.1
Dry whey, animal	3,887	3,527	3,259	-16.2	-7.6
Dry whey, total	69,316	57,154	60,184	-13.2	5.3
Reduced Lactose and minerals					
Human and animal ⁶	5,205	6,860	6,340	21.8	-7.6
Whey protein concentrate					
Human ²	60,240	52,949	55,070	-8.6	4.0
Animal ²	1,721	1,234	1,403	-18.5	13.7
Total ²	61,961	54,183	56,473	-8.9	4.2
25.0-49.9 percent ³	25,207	21,818	21,768	-13.6	-0.2
50.0-89.9 percent ³	36,754	32,365	34,705	-5.6	7.2
Whey protein isolates ⁴	16,266	14,929	15,881	-2.4	6.4
Lactose, human and animal	108,338	111,906	105,123	-3.0	-6.1
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	23.3	35.7	37.8	14.5	2.1

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:
December 2023 and 2024**

Product	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	107,580	106,056	108,305	0.7	2.1
Dry milk products					
Dry buttermilk, total	14,641	16,270	13,119	-10.4	-19.4
Dry skim milk, animal	537	618	718	33.7	16.2
Dry whole milk	9,600	7,631	9,225	-3.9	20.9
Milk protein concentrate, total ¹	19,124	24,170	29,195	52.7	20.8
Nonfat dry milk, human	146,889	119,266	129,784	-11.6	8.8
Skim milk powder, total ²	64,201	44,834	50,998	-20.6	13.7
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	30,040	29,358	30,626	2.0	4.3
Dry skim milk, animal	6,499	8,291	7,859	20.9	-5.2
Dry whole milk	13,073	10,912	12,372	-5.4	13.4
Nonfat dry milk, human	198,567	237,646	253,569	27.7	6.7
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	146,658	110,666	107,453	-26.7	-2.9

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: 2023 and 2024

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese ¹						
January	1,222,785	1,200,917	-1.8	1,222,785	1,200,917	-1.8
February	1,116,128	1,139,985	2.1	2,338,913	2,340,902	0.1
March	1,224,820	1,223,777	-0.1	3,563,733	3,564,679	(Z)
April	1,165,123	1,188,261	2.0	4,728,856	4,752,940	0.5
May	1,204,162	1,210,254	0.5	5,933,018	5,963,194	0.5
June	1,178,410	1,159,745	-1.6	7,111,428	7,122,939	0.2
July	1,168,945	1,191,591	1.9	8,280,373	8,314,530	0.4
August	1,177,853	1,196,864	1.6	9,458,226	9,511,394	0.6
September	1,159,521	1,160,964	0.1	10,617,747	10,672,358	0.5
October	1,214,264	1,226,886	1.0	11,832,011	11,899,244	0.6
November	1,171,266	1,153,690	-1.5	13,003,277	13,052,934	0.4
December	1,207,714	1,199,815	-0.7	14,210,991	14,252,749	0.3
Total American cheese types ²						
January	512,962	473,081	-7.8	512,962	473,081	-7.8
February	454,152	446,591	-1.7	967,114	919,672	-4.9
March	505,830	489,346	-3.3	1,472,944	1,409,018	-4.3
April	491,399	467,098	-4.9	1,964,343	1,876,116	-4.5
May	517,700	488,140	-5.7	2,482,043	2,364,256	-4.7
June	480,863	456,275	-5.1	2,962,906	2,820,531	-4.8
July	481,811	469,556	-2.5	3,444,717	3,290,087	-4.5
August	479,230	476,774	-0.5	3,923,947	3,766,861	-4.0
September	473,266	456,060	-3.6	4,397,213	4,222,921	-4.0
October	487,001	487,438	0.1	4,884,214	4,710,359	-3.6
November	471,035	452,686	-3.9	5,355,249	5,163,045	-3.6
December	489,254	470,186	-3.9	5,844,503	5,633,231	-3.6
Cheddar cheese						
January	366,554	330,574	-9.8	366,554	330,574	-9.8
February	328,113	314,571	-4.1	694,667	645,145	-7.1
March	355,379	340,784	-4.1	1,050,046	985,929	-6.1
April	352,686	317,180	-10.1	1,402,732	1,303,109	-7.1
May	364,287	329,161	-9.6	1,767,019	1,632,270	-7.6
June	343,057	310,178	-9.6	2,110,076	1,942,448	-7.9
July	333,699	311,572	-6.6	2,443,775	2,254,020	-7.8
August	325,393	321,447	-1.2	2,769,168	2,575,467	-7.0
September	319,957	312,830	-2.2	3,089,125	2,888,297	-6.5
October	342,782	333,877	-2.6	3,431,907	3,222,174	-6.1
November	321,767	313,751	-2.5	3,753,674	3,535,925	-5.8
December	337,743	317,270	-6.1	4,091,417	3,853,195	-5.8

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	501,658	510,548	1.8	501,658	510,548	1.8
February	460,736	476,892	3.5	962,394	987,440	2.6
March	496,213	518,595	4.5	1,458,607	1,506,035	3.3
April	474,325	505,053	6.5	1,932,932	2,011,088	4.0
May	484,024	505,383	4.4	2,416,956	2,516,471	4.1
June	486,238	485,397	-0.2	2,903,194	3,001,868	3.4
July	483,503	496,118	2.6	3,386,697	3,497,986	3.3
August	484,214	500,060	3.3	3,870,911	3,998,046	3.3
September	479,371	487,702	1.7	4,350,282	4,485,748	3.1
October	509,162	511,157	0.4	4,859,444	4,996,905	2.8
November	487,486	493,932	1.3	5,346,930	5,490,837	2.7
December	507,540	523,218	3.1	5,854,470	6,014,055	2.7
Mozzarella						
January	394,320	398,419	1.0	394,320	398,419	1.0
February	361,784	374,126	3.4	756,104	772,545	2.2
March	383,594	409,839	6.8	1,139,698	1,182,384	3.7
April	378,076	402,159	6.4	1,517,774	1,584,543	4.4
May	378,366	405,705	7.2	1,896,140	1,990,248	5.0
June	383,786	390,447	1.7	2,279,926	2,380,695	4.4
July	384,244	399,268	3.9	2,664,170	2,779,963	4.3
August	381,750	400,492	4.9	3,045,920	3,180,455	4.4
September	379,375	390,995	3.1	3,425,295	3,571,450	4.3
October	399,262	406,008	1.7	3,824,557	3,977,458	4.0
November	380,413	388,572	2.1	4,204,970	4,366,030	3.8
December	401,292	416,980	3.9	4,606,262	4,783,010	3.8
Other Italian cheese types						
January	7,359	8,380	13.9	7,359	8,380	13.9
February	6,736	7,680	14.0	14,095	16,060	13.9
March	7,638	8,374	9.6	21,733	24,434	12.4
April	7,094	7,950	12.1	28,827	32,384	12.3
May	7,359	7,277	-1.1	36,186	39,661	9.6
June	6,979	8,234	18.0	43,165	47,895	11.0
July	6,686	8,768	31.1	49,851	56,663	13.7
August	7,385	9,468	28.2	57,236	66,131	15.5
September	6,652	7,608	14.4	63,888	73,739	15.4
October	7,454	8,391	12.6	71,342	82,130	15.1
November	7,361	8,994	22.2	78,703	91,124	15.8
December	7,110	8,256	16.1	85,813	99,380	15.8

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	203,586	217,247	6.7	203,586	217,247	6.7
February	187,456	197,645	5.4	391,042	414,892	6.1
March	205,762	210,526	2.3	596,804	625,418	4.8
April	197,344	207,630	5.2	794,148	833,048	4.9
May	196,410	204,444	4.1	990,558	1,037,492	4.7
June	164,478	167,992	2.1	1,155,036	1,205,484	4.4
July	158,220	163,973	3.6	1,313,256	1,369,457	4.3
August	138,915	159,922	15.1	1,452,171	1,529,379	5.3
September	143,134	160,463	12.1	1,595,305	1,689,842	5.9
October	162,523	168,956	4.0	1,757,828	1,858,798	5.7
November	163,544	174,808	6.9	1,921,372	2,033,606	5.8
December	193,656	198,126	2.3	2,115,028	2,231,732	5.5
Nonfat dry milk, human						
January	175,602	138,296	-21.2	175,602	138,296	-21.2
February	177,583	147,081	-17.2	353,185	285,377	-19.2
March	199,390	183,977	-7.7	552,575	469,354	-15.1
April	198,521	174,167	-12.3	751,096	643,521	-14.3
May	206,532	169,098	-18.1	957,628	812,619	-15.1
June	173,093	127,495	-26.3	1,130,721	940,114	-16.9
July	133,356	120,993	-9.3	1,264,077	1,061,107	-16.1
August	112,079	116,151	3.6	1,376,156	1,177,258	-14.5
September	99,972	115,480	15.5	1,476,128	1,292,738	-12.4
October	128,569	125,363	-2.5	1,604,697	1,418,101	-11.6
November	116,818	119,266	2.1	1,721,515	1,537,367	-10.7
December	146,889	129,784	-11.6	1,868,404	1,667,151	-10.8
Skim milk powder, total ³						
January	56,002	56,918	1.6	56,002	56,918	1.6
February	47,623	36,240	-23.9	103,625	93,158	-10.1
March	48,544	28,313	-41.7	152,169	121,471	-20.2
April	45,797	35,840	-21.7	197,966	157,311	-20.5
May	46,555	41,852	-10.1	244,521	199,163	-18.5
June	49,722	60,457	21.6	294,243	259,620	-11.8
July	72,400	51,571	-28.8	366,643	311,191	-15.1
August	71,296	50,320	-29.4	437,939	361,511	-17.5
September	67,711	53,377	-21.2	505,650	414,888	-17.9
October	54,046	40,979	-24.2	559,696	455,867	-18.6
November	70,722	44,834	-36.6	630,418	500,701	-20.6
December	64,201	50,998	-20.6	694,619	551,699	-20.6

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ⁴						
January	76,713	77,724	1.3	76,713	77,724	1.3
February	66,699	72,131	8.1	143,412	149,855	4.5
March	77,296	79,925	3.4	220,708	229,780	4.1
April	79,595	81,240	2.1	300,303	311,020	3.6
May	81,782	76,630	-6.3	382,085	387,650	1.5
June	88,164	72,962	-17.2	470,249	460,612	-2.0
July	89,321	67,677	-24.2	559,570	528,289	-5.6
August	83,570	65,246	-21.9	643,140	593,535	-7.7
September	78,899	68,014	-13.8	722,039	661,549	-8.4
October	75,276	66,282	-11.9	797,315	727,831	-8.7
November	68,581	64,801	-5.5	865,896	792,632	-8.5
December	72,550	69,016	-4.9	938,446	861,648	-8.2
Lactose, human and animal						
January	90,193	89,452	-0.8	90,193	89,452	-0.8
February	83,542	87,602	4.9	173,735	177,054	1.9
March	98,668	99,109	0.4	272,403	276,163	1.4
April	92,838	91,706	-1.2	365,241	367,869	0.7
May	95,558	92,900	-2.8	460,799	460,769	(Z)
June	98,125	94,181	-4.0	558,924	554,950	-0.7
July	94,224	95,146	1.0	653,148	650,096	-0.5
August	92,371	94,954	2.8	745,519	745,050	-0.1
September	95,253	94,098	-1.2	840,772	839,148	-0.2
October	90,017	91,558	1.7	930,789	930,706	(Z)
November	84,059	85,082	1.2	1,014,848	1,015,788	0.1
December	90,687	93,809	3.4	1,105,535	1,109,597	0.4
Whey protein concentrate, total						
January	41,102	42,695	3.9	41,102	42,695	3.9
February	38,859	38,710	-0.4	79,961	81,405	1.8
March	43,152	44,170	2.4	123,113	125,575	2.0
April	41,819	39,233	-6.2	164,932	164,808	-0.1
May	43,893	42,415	-3.4	208,825	207,223	-0.8
June	43,643	40,541	-7.1	252,468	247,764	-1.9
July	42,769	38,519	-9.9	295,237	286,283	-3.0
August	40,792	41,444	1.6	336,029	327,727	-2.5
September	40,645	39,220	-3.5	376,674	366,947	-2.6
October	39,688	40,538	2.1	416,362	407,485	-2.1
November	41,293	39,635	-4.0	457,655	447,120	-2.3
December	44,300	41,622	-6.0	501,955	488,742	-2.6

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	29,410	32,818	11.6	29,410	32,818	11.6
February	29,224	32,747	12.1	58,634	65,565	11.8
March	33,127	35,291	6.5	91,761	100,856	9.9
April	28,531	35,842	25.6	120,292	136,698	13.6
May	33,114	36,335	9.7	153,406	173,033	12.8
June	32,699	34,196	4.6	186,105	207,229	11.4
July	32,026	36,071	12.6	218,131	243,300	11.5
August	34,739	34,822	0.2	252,870	278,122	10.0
September	33,459	35,785	7.0	286,329	313,907	9.6
October	31,351	36,575	16.7	317,680	350,482	10.3
November	31,158	34,195	9.7	348,838	384,677	10.3
December	29,001	33,613	15.9	377,839	418,290	10.7
Cottage cheese, lowfat						
January	26,555	29,535	11.2	26,555	29,535	11.2
February	24,353	28,625	17.5	50,908	58,160	14.2
March	26,305	29,824	13.4	77,213	87,984	13.9
April	25,100	32,609	29.9	102,313	120,593	17.9
May	28,559	33,591	17.6	130,872	154,184	17.8
June	27,433	31,251	13.9	158,305	185,435	17.1
July	29,618	31,743	7.2	187,923	217,178	15.6
August	32,997	33,012	(Z)	220,920	250,190	13.2
September	32,472	31,305	-3.6	253,392	281,495	11.1
October	29,760	33,451	12.4	283,152	314,946	11.2
November	26,106	33,644	28.9	309,258	348,590	12.7
December	26,154	29,867	14.2	335,412	378,457	12.8
Sour cream						
January	127,476	128,934	1.1	127,476	128,934	1.1
February	114,036	119,290	4.6	241,512	248,224	2.8
March	127,913	123,459	-3.5	369,425	371,683	0.6
April	118,718	124,292	4.7	488,143	495,975	1.6
May	128,185	127,362	-0.6	616,328	623,337	1.1
June	129,278	123,012	-4.8	745,606	746,349	0.1
July	118,268	126,862	7.3	863,874	873,211	1.1
August	121,697	126,753	4.2	985,571	999,964	1.5
September	119,965	120,222	0.2	1,105,536	1,120,186	1.3
October	139,112	139,393	0.2	1,244,648	1,259,579	1.2
November	141,909	131,996	-7.0	1,386,557	1,391,575	0.4
December	132,557	138,544	4.5	1,519,114	1,530,119	0.7

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	51,980	49,619	-4.5	51,980	49,619	-4.5
February	56,997	57,300	0.5	108,977	106,919	-1.9
March	65,225	66,215	1.5	174,202	173,134	-0.6
April	60,272	64,744	7.4	234,474	237,878	1.5
May	63,493	66,193	4.3	297,967	304,071	2.0
June	66,668	66,551	-0.2	364,635	370,622	1.6
July	61,876	64,954	5.0	426,511	435,576	2.1
August	65,454	69,341	5.9	491,965	504,917	2.6
September	61,000	59,063	-3.2	552,965	563,980	2.0
October	55,913	62,528	11.8	608,878	626,508	2.9
November	48,489	50,806	4.8	657,367	677,314	3.0
December	44,454	52,506	18.1	701,821	729,820	4.0
Ice cream, lowfat total						
January	32,887	26,593	-19.1	32,887	26,593	-19.1
February	36,307	31,391	-13.5	69,194	57,984	-16.2
March	43,267	37,552	-13.2	112,461	95,536	-15.0
April	40,975	38,662	-5.6	153,436	134,198	-12.5
May	42,912	39,818	-7.2	196,348	174,016	-11.4
June	42,995	38,416	-10.7	239,343	212,432	-11.2
July	41,580	39,455	-5.1	280,923	251,887	-10.3
August	42,401	38,636	-8.9	323,324	290,523	-10.1
September	35,738	31,884	-10.8	359,062	322,407	-10.2
October	37,237	31,260	-16.1	396,299	353,667	-10.8
November	27,899	25,735	-7.8	424,198	379,402	-10.6
December	26,658	24,396	-8.5	450,856	403,798	-10.4
Sherbet, hard						
January	1,783	1,609	-9.8	1,783	1,609	-9.8
February	2,029	1,533	-24.4	3,812	3,142	-17.6
March	1,851	1,835	-0.9	5,663	4,977	-12.1
April	1,974	1,777	-10.0	7,637	6,754	-11.6
May	1,937	1,678	-13.4	9,574	8,432	-11.9
June	1,918	1,716	-10.5	11,492	10,148	-11.7
July	1,698	1,793	5.6	13,190	11,941	-9.5
August	2,069	2,153	4.1	15,259	14,094	-7.6
September	1,525	1,677	10.0	16,784	15,771	-6.0
October	1,644	1,583	-3.7	18,428	17,354	-5.8
November	1,371	1,260	-8.1	19,799	18,614	-6.0
December	1,182	1,451	22.8	20,981	20,065	-4.4

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2023 and 2024 (continued)

Product and month	Monthly			Cumulative		
	2023	2024	Change from 2023	2023	2024	Change from 2023
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	384,757	397,623	3.3	384,757	397,623	3.3
February	383,743	396,526	3.3	768,500	794,149	3.3
March	428,478	427,988	-0.1	1,196,978	1,222,137	2.1
April	371,914	413,821	11.3	1,568,892	1,635,958	4.3
May	382,291	401,316	5.0	1,951,183	2,037,274	4.4
June	384,105	392,756	2.3	2,335,288	2,430,030	4.1
July	385,092	401,462	4.3	2,720,380	2,831,492	4.1
August	392,827	423,662	7.8	3,113,207	3,255,154	4.6
September	402,621	431,425	7.2	3,515,828	3,686,579	4.9
October	374,844	418,965	11.8	3,890,672	4,105,544	5.5
November	339,246	383,874	13.2	4,229,918	4,489,418	6.1
December	359,954	375,923	4.4	4,589,872	4,865,341	6.0
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	2,584	3,277	26.8	2,584	3,277	26.8
February	3,450	4,001	16.0	6,034	7,278	20.6
March	3,710	3,731	0.6	9,744	11,009	13.0
April	3,238	3,105	-4.1	12,982	14,114	8.7
May	4,316	4,315	(Z)	17,298	18,429	6.5
June	4,272	4,164	-2.5	21,570	22,593	4.7
July	4,292	4,293	(Z)	25,862	26,886	4.0
August	4,335	4,387	1.2	30,197	31,273	3.6
September	3,245	3,172	-2.2	33,442	34,445	3.0
October	3,321	3,320	(Z)	36,763	37,765	2.7
November	2,422	2,600	7.3	39,185	40,365	3.0
December	3,191	3,160	-1.0	42,376	43,525	2.7

(Z) Less than half of the unit shown.

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:
December 2023 and 2024**

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	208,379	198,931	203,686	-2.3	2.4
Idaho	88,122	79,691	91,870	4.3	15.3
Illinois	5,836	5,813	5,828	-0.1	0.3
Iowa	35,624	32,510	33,396	-6.3	2.7
Minnesota	70,174	64,996	67,945	-3.2	4.5
New Jersey	6,601	7,540	8,911	35.0	18.2
New Mexico	83,210	75,171	73,686	-11.4	-2.0
New York	67,331	66,930	64,650	-4.0	-3.4
Ohio	22,733	20,715	23,084	1.5	11.4
Pennsylvania	38,081	37,486	37,861	-0.6	1.0
South Dakota	44,974	40,104	45,490	1.1	13.4
Vermont	12,253	12,230	13,192	7.7	7.9
Wisconsin	298,582	294,237	303,880	1.8	3.3
Other States ¹	225,814	217,336	226,336	0.2	4.1
United States	1,207,714	1,153,690	1,199,815	-0.7	4.0
Atlantic	136,414	129,258	129,760	-4.9	0.4
Central	599,634	574,618	600,168	0.1	4.4
West	471,666	449,814	469,887	-0.4	4.5

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	47,614	42,872	42,738	-10.2	-0.3
Iowa	17,973	16,572	17,227	-4.2	4.0
Minnesota	59,058	56,423	58,403	-1.1	3.5
New York	13,160	12,281	13,308	1.1	8.4
Wisconsin	93,911	85,581	96,300	2.5	12.5
Other States ¹	257,538	238,957	242,210	-6.0	1.4
United States	489,254	452,686	470,186	-3.9	3.9
Atlantic	29,971	22,615	24,713	-17.5	9.3
Central	270,300	253,619	271,641	0.5	7.1
West	188,983	176,452	173,832	-8.0	-1.5

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	17,256	20,347	17,087	-1.0	-16.0
Iowa	9,832	10,655	10,906	10.9	2.4
Vermont	8,865	8,758	9,976	12.5	13.9
Wisconsin	62,511	53,461	60,300	-3.5	12.8
Other States ¹	239,279	220,530	219,001	-8.5	-0.7
United States	337,743	313,751	317,270	-6.1	1.1
Atlantic	28,260	20,563	22,764	-19.4	10.7
Central	185,184	171,219	179,453	-3.1	4.8
West	124,299	121,969	115,053	-7.4	-5.7

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	138,771	138,327	142,601	2.8	3.1
Minnesota	10,933	8,446	9,418	-13.9	11.5
New Jersey	3,493	4,527	5,567	59.4	23.0
New York	29,547	28,504	25,435	-13.9	-10.8
Pennsylvania	23,231	22,631	23,722	2.1	4.8
Wisconsin	143,224	143,280	146,533	2.3	2.3
Other States ¹	158,341	148,217	169,942	7.3	14.7
United States	507,540	493,932	523,218	3.1	5.9
Atlantic	60,378	59,229	58,285	-3.5	-1.6
Central	213,113	205,706	215,929	1.3	5.0
West	234,049	228,997	249,004	6.4	8.7

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	128,835	127,018	131,436	2.0	3.5
New Jersey	1,610	2,622	3,899	142.2	48.7
New York	14,668	12,800	10,570	-27.9	-17.4
Pennsylvania	19,112	18,606	19,881	4.0	6.9
Wisconsin	92,439	91,466	95,000	2.8	3.9
Other States ¹	144,628	136,060	156,194	8.0	14.8
United States	401,292	388,572	416,980	3.9	7.3
Atlantic	37,839	36,375	36,655	-3.1	0.8
Central	140,695	135,456	143,658	2.1	6.1
West	222,758	216,741	236,667	6.2	9.2

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

Butter Production – States, United States, and Regions: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	59,480	45,024	51,322	-13.7	14.0
Pennsylvania	8,418	6,819	7,246	-13.9	6.3
Other States ¹	125,758	122,965	139,558	11.0	13.5
United States	193,656	174,808	198,126	2.3	13.3
Atlantic	16,426	12,567	15,740	-4.2	25.2
Central	76,284	75,628	85,111	11.6	12.5
West	100,946	86,613	97,275	-3.6	12.3

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	62,017	42,527	46,905	-24.4	10.3
Pennsylvania	13,769	10,800	12,540	-8.9	16.1
Other States ¹	71,103	65,939	70,339	-1.1	6.7
United States	146,889	119,266	129,784	-11.6	8.8
Atlantic	26,565	19,854	24,595	-7.4	23.9
Central	30,674	32,588	33,062	7.8	1.5
West	89,650	66,824	72,127	-19.5	7.9

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	11,093	9,724	8,802	-20.7	-9.5
Wisconsin	23,939	23,244	25,788	7.7	10.9
Other States ¹	33,199	28,457	30,788	-7.3	8.2
United States	68,231	61,425	65,378	-4.2	6.4
Atlantic	21,338	18,909	18,766	-12.1	-0.8
Central	34,316	32,102	35,344	3.0	10.1
West	12,577	10,414	11,268	-10.4	8.2

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: December 2023 and 2024

State and region	December 2023	November 2024	December 2024	Change from	
				December 2023	November 2024
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	4,041	5,694	4,154	2.8	-27.0
New York	1,698	1,658	1,538	-9.4	-7.2
Ohio	1,839	1,884	2,066	12.3	9.7
Utah	1,005	1,071	929	-7.6	-13.3
Wisconsin	689	739	611	-11.3	-17.3
Other States ¹	35,182	39,760	43,208	22.8	8.7
United States	44,454	50,806	52,506	18.1	3.3
Atlantic	9,806	12,403	11,505	17.3	-7.2
Central	26,752	29,307	32,973	23.3	12.5
West	7,896	9,096	8,028	1.7	-11.7

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

Dairy Products Regions



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

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

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

Statistical Methodology

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

Sampling frames and sample size: In 2023, there were 1,183 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.

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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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U.S. DEPARTMENT OF AGRICULTURE



USDA's 101st Annual

Agricultural Outlook Forum

Meeting Tomorrow's Challenges, Today

Hybrid Event • February 27-28, 2025
Crystal Gateway Marriott, Arlington VA

Registration is now open to USDA's 101st Agricultural Outlook Forum!

USDA will hold the 101st Annual Agricultural Outlook Forum on February 27-28, 2025, at the Crystal City Gateway Marriott in Arlington, VA, under the title "Meeting Tomorrow's Challenges, Today." All Forum sessions will also be livestreamed on a virtual platform.

The 2025 program will feature a presentation on agricultural markets and trade by USDA Chief Economist Seth Meyer, many distinguished speakers, and 30 breakout sessions covering timely agricultural, food market, and environmental issues. Onsite attendees will also have the opportunity to visit exhibit booths showcasing the important missions and activities of various USDA agencies as well recent USDA-funded innovations.

To see the Forum program and register, visit

[The 2025 Forum Website](#)