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# Dairy Products 2024 Summary

## April 2025

# USDA





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## Summary

**Total cheese** production, excluding cottage cheeses, was 14.2 billion pounds, 0.7 percent above 2023 production. Wisconsin was the leading State with 25.2 percent of the production.

**Italian varieties**, with 6.03 billion pounds were 2.9 percent above 2023 production and accounted for 42.3 percent of total cheese in 2024. Mozzarella accounted for 79.5 percent of the Italian production, followed by Parmesan with 7.4 percent and Provolone with 6.4 percent. Wisconsin was the leading State in Italian cheese production with 28.3 percent of the production.

**American type cheese** production was 5.58 billion pounds, 3.0 percent below 2023 and accounted for 39.1 percent of total cheese in 2024. Wisconsin was the leading State in American type cheese production with 19.7 percent of the production.

**Butter** production in the United States during 2024 totaled 2.24 billion pounds, 5.9 percent above 2023. California accounted for 29.8 percent of the production.

### **Dry milk powders** (2024 United States production, comparisons with 2023)

Nonfat dry milk, human - 1.67 billion pounds, down 10.7 percent.

Skim milk powders - 599 million pounds, down 13.3 percent.

### **Whey products** (2024 United States production, comparisons with 2023)

Dry whey, total - 853 million pounds, down 9.0 percent.

Lactose, human and animal - 1.11 billion pounds, up 0.3 percent.

Whey protein concentrate, total - 495 million pounds, down 1.9 percent.

### **Frozen products** (2024 United States production, comparisons with 2023)

Ice cream, Regular (total) - 886 million gallons, up 2.7 percent.

Ice cream, Lowfat (total) - 412 million gallons, down 6.6 percent.

Sherbet (total) - 26.4 million gallons, down 6.9 percent.

Frozen Yogurt (total) - 37.8 million gallons, down 5.6 percent.

## Dairy Products Production by Product and Month – United States: 2023

Products	Plants	January	February	March	April
	(number)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Butter .....	93	202,770	187,117	205,028	197,364
<b>Cheese</b>					
American types .....	264	504,761	446,744	497,856	483,606
Cheddar .....	249	358,333	320,648	347,393	344,887
Other American <sup>1</sup> .....	137	146,428	126,096	150,463	138,719
Blue and Gorgonzola .....	47	6,338	7,020	8,098	6,537
Brick .....	19	139	94	145	116
Cream and Neufchatel .....	33	99,527	98,347	105,360	89,896
Feta .....	49	10,021	11,193	14,060	12,916
Gouda .....	96	4,761	5,429	5,516	5,368
Hispanic .....	64	31,766	31,821	36,802	33,056
Italian types .....	190	501,662	460,738	496,216	477,008
Mozzarella .....	114	394,322	361,785	383,596	378,077
Parmesan .....	48	43,448	40,393	43,358	36,440
Provolone .....	32	29,358	28,840	34,405	30,568
Ricotta .....	51	23,521	19,307	22,278	18,179
Romano .....	25	3,653	3,676	4,940	3,969
Other Italian types .....	59	7,360	6,737	7,639	9,775
Muenster .....	43	18,168	14,506	16,986	15,063
Swiss .....	66	30,141	24,754	27,130	28,114
All other types .....	209	12,415	11,449	12,475	12,191
<b>Total cheese</b> <sup>2</sup> .....	<b>523</b>	<b>1,219,699</b>	<b>1,112,095</b>	<b>1,220,644</b>	<b>1,163,871</b>
Cottage cheese, curd <sup>3</sup> .....	48	31,520	30,734	33,319	30,516
Cottage cheese, creamed <sup>4</sup> .....	48	29,411	29,224	33,127	28,531
Cottage cheese, lowfat <sup>5</sup> .....	44	26,555	24,353	26,305	25,100
Sour cream .....	97	127,252	113,513	127,613	117,756
Yogurt, plain and flavored .....	155	384,819	383,803	428,546	371,978

See footnote(s) at end of table.

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

Products	May	June	July	August	September
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Butter .....	196,429	164,497	158,240	138,934	142,734
<b>Cheese</b>					
American types .....	509,554	473,450	474,167	470,524	465,477
Cheddar .....	356,098	335,591	326,002	315,617	312,125
Other American <sup>1</sup> .....	153,456	137,859	148,165	154,907	153,352
Blue and Gorgonzola .....	7,198	6,835	7,284	7,719	6,216
Brick .....	126	175	113	146	109
Cream and Neufchatel .....	89,671	93,099	89,349	92,541	93,395
Feta .....	12,969	13,559	12,799	13,641	12,429
Gouda .....	4,212	4,723	6,357	4,967	4,744
Hispanic .....	32,383	32,974	33,525	38,312	36,738
Italian types .....	483,926	486,140	483,407	484,136	479,375
Mozzarella .....	378,367	383,787	384,246	381,751	379,377
Parmesan .....	43,938	42,645	40,881	37,806	35,253
Provolone .....	32,745	31,948	29,862	32,731	32,741
Ricotta .....	17,466	16,852	17,831	20,861	21,505
Romano .....	4,150	4,028	4,000	3,681	3,846
Other Italian types .....	7,260	6,880	6,587	7,306	6,653
Muenster .....	16,271	16,633	17,295	19,315	16,912
Swiss .....	31,245	28,968	28,959	27,655	26,494
All other types .....	12,194	13,731	11,289	12,432	12,931
Total cheese <sup>2</sup> .....	1,199,749	1,170,287	1,164,544	1,171,388	1,154,820
Cottage cheese, curd <sup>3</sup> .....	35,329	34,175	34,299	37,510	35,191
Cottage cheese, creamed <sup>4</sup> .....	33,115	32,699	32,026	34,740	33,459
Cottage cheese, lowfat <sup>5</sup> .....	28,559	27,433	29,618	32,997	32,472
Sour cream .....	128,006	129,815	116,487	122,939	120,654
Yogurt, plain and flavored .....	382,385	384,158	385,156	392,675	402,690

See footnote(s) at end of table.

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

Products	October	November	December	Total	2023 as percent of 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter .....	161,962	163,098	193,334	2,111,507	2.6
<b>Cheese</b>					
American types <sup>1</sup> .....	478,900	463,202	481,206	5,749,447	1.4
Cheddar .....	334,662	313,881	329,642	3,994,879	0.8
Other American .....	144,238	149,321	151,564	1,754,568	2.7
Blue and Gorgonzola .....	6,993	6,847	6,791	83,876	-8.8
Brick .....	126	209	136	1,634	11.2
Cream and Neufchatel .....	104,641	97,200	92,658	1,145,684	2.4
Feta .....	11,632	10,878	9,642	145,739	3.1
Gouda .....	3,836	8,374	5,699	63,986	2.5
Hispanic .....	36,496	36,496	39,213	419,582	8.6
Italian types .....	509,164	487,489	507,542	5,856,803	-0.8
Mozzarella .....	399,263	380,414	401,293	4,606,278	-1.0
Parmesan .....	42,663	40,128	41,540	488,493	0.7
Provolone .....	31,935	30,600	30,461	376,194	1.8
Ricotta .....	23,579	23,583	22,742	247,704	0.6
Romano .....	4,269	5,402	4,395	50,009	-12.2
Other Italian types .....	7,455	7,362	7,111	88,125	-7.7
Muenster .....	16,939	16,789	17,490	202,367	5.6
Swiss .....	26,111	26,462	28,936	334,969	-4.5
All other types .....	13,455	13,714	13,214	151,490	-7.1
Total cheese <sup>2</sup> .....	1,208,293	1,167,660	1,202,527	14,155,577	0.5
Cottage cheese, curd <sup>3</sup> .....	33,409	31,399	31,126	398,527	10.0
Cottage cheese, creamed <sup>4</sup> .....	31,351	31,158	29,001	377,842	9.7
Cottage cheese, lowfat <sup>5</sup> .....	29,760	26,106	26,154	335,412	14.1
Sour cream .....	141,369	143,828	133,368	1,522,600	1.8
Yogurt, plain and flavored .....	374,940	339,347	360,034	4,590,531	2.8

<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 creamed or lowfat cottage cheese.

<sup>4</sup> Fat content 4 percent or more.

<sup>5</sup> Fat content less than 4 percent.

## Dairy Products Production by Product and Month – United States: 2024

Products	Plants	January	February	March	April
	(number)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Butter .....	97	217,081	197,802	210,764	207,790
<b>Cheese</b>					
American types .....	267	476,910	438,328	478,035	463,581
Cheddar .....	247	333,329	304,535	330,061	312,737
Other American <sup>1</sup> .....	142	143,581	133,793	147,974	150,844
Blue and Gorgonzola .....	44	6,720	6,766	7,390	6,944
Brick .....	20	180	143	161	161
Cream and Neufchatel .....	30	92,226	99,368	89,414	100,940
Feta .....	47	12,359	12,757	13,343	13,623
Gouda .....	99	4,674	6,722	7,912	6,544
Hispanic .....	64	38,534	33,087	36,609	36,695
Italian types .....	189	514,928	482,336	518,896	505,628
Mozzarella .....	118	401,493	378,254	409,392	402,355
Parmesan .....	44	46,573	41,304	40,429	39,093
Provolone .....	30	30,784	30,493	33,475	32,697
Ricotta .....	50	22,960	20,281	22,452	18,566
Romano .....	27	4,723	4,379	4,772	4,960
Other Italian types .....	56	8,395	7,625	8,376	7,957
Muenster .....	41	18,491	17,482	16,110	16,623
Swiss .....	69	59,919	25,592	27,578	27,598
All other types .....	190	13,420	12,992	13,967	13,906
Total cheese <sup>2</sup> .....	509	1,238,361	1,135,573	1,209,415	1,192,243
Cottage cheese, curd <sup>3</sup> .....	47	33,839	33,674	36,372	38,018
Cottage cheese, creamed <sup>4</sup> .....	48	32,705	32,596	35,450	35,925
Cottage cheese, lowfat <sup>5</sup> .....	42	29,806	28,974	30,603	33,138
Sour cream .....	92	130,634	121,202	124,862	125,765
Yogurt, plain and flavored .....	155	399,345	397,744	429,451	417,366

See footnote(s) at end of table.

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

Products	May	June	July	August	September
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Butter .....	204,806	168,024	164,074	160,215	160,577
<b>Cheese</b>					
American types .....	484,880	451,315	464,906	472,379	446,038
Cheddar .....	324,433	305,072	306,663	316,653	303,893
Other American <sup>1</sup> .....	160,447	146,243	158,243	155,726	142,145
Blue and Gorgonzola .....	8,771	7,924	7,385	7,588	6,822
Brick .....	189	147	177	181	106
Cream and Neufchatel .....	97,530	97,170	102,615	100,399	99,459
Feta .....	13,816	13,512	13,553	12,961	13,111
Gouda .....	5,860	7,014	8,761	7,459	3,799
Hispanic .....	36,383	35,285	35,820	37,028	36,316
Italian types .....	505,124	485,284	497,566	501,027	488,774
Mozzarella .....	404,993	390,882	399,768	401,292	391,596
Parmesan .....	38,369	31,919	32,563	31,044	31,835
Provolone .....	33,182	32,999	33,102	33,100	31,029
Ricotta .....	15,966	16,753	18,347	19,869	20,718
Romano .....	5,306	4,500	5,001	6,208	5,837
Other Italian types .....	7,308	8,231	8,785	9,514	7,759
Muenster .....	18,488	17,897	17,174	17,108	16,585
Swiss .....	28,781	26,341	28,091	27,354	26,849
All other types .....	12,578	13,129	13,192	12,330	13,479
Total cheese <sup>2</sup> .....	1,212,400	1,155,018	1,189,240	1,195,814	1,151,338
Cottage cheese, curd <sup>3</sup> .....	38,493	35,824	41,198	40,014	40,182
Cottage cheese, creamed <sup>4</sup> .....	36,205	34,100	36,796	37,202	35,716
Cottage cheese, lowfat <sup>5</sup> .....	33,974	31,643	33,441	33,288	31,670
Sour cream .....	128,595	123,851	127,810	127,081	121,708
Yogurt, plain and flavored .....	402,431	394,042	403,497	424,277	431,754

See footnote(s) at end of table.

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

Products	October	November	December	Total	2024 as percent of 2023
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter .....	168,689	176,016	199,754	2,235,592	5.9
<b>Cheese</b>					
American types <sup>1</sup> .....	483,093	448,814	468,264	5,576,543	-3.0
Cheddar .....	327,362	308,263	312,307	3,785,308	-5.2
Other American .....	155,731	140,551	155,957	1,791,235	2.1
Blue and Gorgonzola .....	7,791	6,998	5,953	87,052	3.8
Brick .....	108	118	83	1,754	7.3
Cream and Neufchatel .....	101,592	90,102	85,731	1,156,546	0.9
Feta .....	13,784	11,476	10,659	154,954	6.3
Gouda .....	5,943	7,297	7,494	79,479	24.2
Hispanic .....	38,546	34,021	36,573	434,897	3.7
Italian types .....	510,576	492,866	522,330	6,025,335	2.9
Mozzarella .....	405,193	387,271	416,010	4,788,499	4.0
Parmesan .....	35,393	38,214	40,995	447,731	-8.3
Provolone .....	34,142	31,592	30,648	387,243	2.9
Ricotta .....	22,645	21,917	21,734	242,208	-2.2
Romano .....	4,801	4,869	4,702	60,058	20.1
Other Italian types .....	8,402	9,003	8,241	99,596	13.0
Muenster .....	18,181	17,717	18,457	210,313	3.9
Swiss .....	26,522	26,037	29,602	360,264	7.6
All other types .....	15,278	14,414	13,526	162,211	7.1
Total cheese <sup>2</sup> .....	1,221,414	1,149,860	1,198,672	14,249,348	0.7
Cottage cheese, curd <sup>3</sup> .....	40,685	36,512	37,521	452,332	13.5
Cottage cheese, creamed <sup>4</sup> .....	36,307	34,365	34,321	421,688	11.6
Cottage cheese, lowfat <sup>5</sup> .....	33,713	34,035	30,273	384,558	14.7
Sour cream .....	140,433	134,697	140,167	1,546,805	1.6
Yogurt, plain and flavored .....	418,991	384,022	376,472	4,879,392	6.3

<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 creamed or lowfat cottage cheese.

<sup>4</sup> Fat content 4 percent or more.

<sup>5</sup> Fat content less than 4 percent.

## Ice Cream Production by Product and Month – United States: 2023

Products	Plants	January	February	March	April
	(number)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
<b>Frozen products</b>					
Ice cream, regular, total .....	(NA)	63,085	68,266	78,599	76,745
Ice cream, regular, hard .....	390	52,395	57,392	65,630	60,653
Ice cream, lowfat, total <sup>1</sup> .....	(NA)	33,000	35,647	42,322	40,190
Ice cream, lowfat, hard .....	94	17,054	18,278	21,277	20,231
Ice cream, lowfat, soft .....	(NA)	15,946	17,369	21,045	19,959
Ice cream, nonfat, total .....	(NA)	800	851	930	923
Ice cream, nonfat, hard .....	28	574	614	709	717
Sherbet, total .....	(NA)	2,151	2,790	2,663	2,578
Sherbet, hard .....	110	1,804	2,050	1,873	1,996
Yogurt, total .....	(NA)	2,439	3,286	3,506	3,050
Yogurt, regular and lowfat, hard .....	63	832	1,080	1,177	920
Yogurt, nonfat, hard .....	31	121	406	265	356
Other frozen dairy products <sup>2</sup> .....	50	606	1,141	1,142	1,084
Water and juice ices <sup>2</sup> .....	97	4,665	5,210	6,725	6,266
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	249	33,267	35,694	42,487	39,439
Ice cream, lowfat, mix <sup>3</sup> .....	131	16,970	18,546	22,453	22,084
Ice cream, nonfat, mix .....	30	460	482	520	443
Sherbet mix .....	84	1,321	1,660	1,686	1,567
Yogurt mix .....	75	1,597	2,085	2,162	1,903

See footnote(s) at end of table.

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**Ice Cream Production by Product and Month – United States: 2023 (continued)**

Products	May	June	July	August	September
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
<b>Frozen products</b>					
Ice cream, regular, total .....	77,471	82,964	77,017	80,396	77,001
Ice cream, regular, hard .....	63,870	67,296	62,639	66,062	61,616
Ice cream, lowfat, total <sup>1</sup> .....	42,137	41,914	40,224	41,297	34,833
Ice cream, lowfat, hard .....	20,131	21,698	19,689	21,335	18,265
Ice cream, lowfat, soft .....	22,006	20,216	20,535	19,962	16,568
Ice cream, nonfat, total .....	938	822	867	1,162	874
Ice cream, nonfat, hard .....	708	613	641	862	628
Sherbet, total .....	2,584	2,821	2,113	2,925	2,208
Sherbet, hard .....	1,960	1,940	1,560	2,200	1,547
Yogurt, total .....	3,789	3,717	3,747	4,833	3,025
Yogurt, regular and lowfat, hard .....	1,110	920	1,030	1,041	972
Yogurt, nonfat, hard .....	395	378	368	365	335
Other frozen dairy products <sup>2</sup> .....	1,190	1,320	1,367	1,374	1,201
Water and juice ices <sup>2</sup> .....	7,033	7,751	7,416	6,665	6,154
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	41,429	44,045	41,497	42,706	38,106
Ice cream, lowfat, mix <sup>3</sup> .....	23,578	23,639	23,082	23,041	18,329
Ice cream, nonfat, mix .....	492	433	445	529	395
Sherbet mix .....	1,573	1,804	1,383	1,868	1,460
Yogurt mix .....	2,087	2,190	2,067	2,028	1,769

See footnote(s) at end of table.

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**Ice Cream Production by Product and Month – United States: 2023 (continued)**

Products	October	November	December	Total	2023 as percent of 2022
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Frozen products</b>					
Ice cream, regular, total .....	68,137	59,355	53,765	862,801	-6.7
Ice cream, regular, hard .....	56,699	49,066	44,877	708,195	-5.3
Ice cream, lowfat, total <sup>1</sup> .....	35,936	27,420	26,048	440,968	-1.0
Ice cream, lowfat, hard .....	19,596	13,664	12,422	223,640	2.8
Ice cream, lowfat, soft .....	16,340	13,756	13,626	217,328	-4.7
Ice cream, nonfat, total .....	933	788	712	10,600	-43.0
Ice cream, nonfat, hard .....	724	606	595	7,991	-4.6
Sherbet, total .....	2,146	1,710	1,637	28,326	-13.5
Sherbet, hard .....	1,666	1,393	1,204	21,193	-10.0
Yogurt, total .....	3,198	2,348	3,107	40,045	5.0
Yogurt, regular and lowfat, hard .....	1,089	874	1,189	12,234	-4.8
Yogurt, nonfat, hard .....	361	183	160	3,693	8.4
Other frozen dairy products <sup>2</sup> .....	1,072	957	837	13,291	4.3
Water and juice ices <sup>2</sup> .....	5,533	4,519	3,751	71,688	4.5
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	35,573	31,274	28,936	454,453	-4.5
Ice cream, lowfat, mix <sup>3</sup> .....	17,982	14,232	13,261	237,197	-0.8
Ice cream, nonfat, mix .....	497	413	300	5,409	-6.5
Sherbet mix .....	1,308	1,074	1,096	17,800	-4.8
Yogurt mix .....	2,123	1,737	1,928	23,676	-2.4

(NA) Not available.

<sup>1</sup> Includes freezer-made milkshake.

<sup>2</sup> Plant count does not include counter-freezers.

<sup>3</sup> Includes milkshake mix.

## Ice Cream Production by Product and Month – United States: 2024

Products	Plants	January	February	March	April
	(number)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
<b>Frozen products</b>					
Ice cream, regular, total .....	(NA)	62,855	69,432	77,702	80,994
Ice cream, regular, hard .....	390	52,014	58,860	65,548	64,655
Ice cream, lowfat, total <sup>1</sup> .....	(NA)	27,109	34,859	38,899	38,798
Ice cream, lowfat, hard .....	85	12,859	18,290	19,755	19,652
Ice cream, lowfat, soft .....	(NA)	14,250	16,569	19,144	19,146
Ice cream, nonfat, total .....	(NA)	527	500	771	717
Ice cream, nonfat, hard .....	23	411	373	611	549
Sherbet, total .....	(NA)	2,139	1,821	2,391	2,354
Sherbet, hard .....	105	1,700	1,495	1,750	1,774
Yogurt, total .....	(NA)	2,354	3,061	3,528	2,819
Yogurt, regular and lowfat, hard .....	60	868	1,094	1,136	900
Yogurt, nonfat, hard .....	24	140	167	324	253
Other frozen dairy products <sup>2</sup> .....	45	763	836	1,279	1,176
Water and juice ices <sup>2</sup> .....	91	4,077	5,104	5,752	5,678
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	253	33,872	37,818	41,792	42,378
Ice cream, lowfat, mix <sup>3</sup> .....	130	14,342	18,454	20,799	21,851
Ice cream, nonfat, mix .....	26	241	311	407	441
Sherbet mix .....	80	1,406	1,317	1,408	1,578
Yogurt mix .....	68	1,647	1,840	1,870	1,866

See footnote(s) at end of table.

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**Ice Cream Production by Product and Month – United States: 2024 (continued)**

Products	May	June	July	August	September
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
<b>Frozen products</b>					
Ice cream, regular, total .....	80,394	81,082	80,336	83,460	73,507
Ice cream, regular, hard .....	67,102	67,559	66,546	69,927	59,071
Ice cream, lowfat, total <sup>1</sup> .....	39,646	39,543	38,359	39,201	31,778
Ice cream, lowfat, hard .....	19,847	20,113	18,873	20,263	15,750
Ice cream, lowfat, soft .....	19,799	19,430	19,486	18,938	16,028
Ice cream, nonfat, total .....	1,188	1,049	941	1,042	953
Ice cream, nonfat, hard .....	623	558	463	552	397
Sherbet, total .....	2,328	2,368	2,399	2,866	2,210
Sherbet, hard .....	1,793	1,756	1,848	2,167	1,710
Yogurt, total .....	4,249	3,546	3,579	3,575	2,577
Yogurt, regular and lowfat, hard .....	1,181	1,004	1,323	1,166	1,100
Yogurt, nonfat, hard .....	348	318	108	296	161
Other frozen dairy products <sup>2</sup> .....	1,319	1,397	1,120	1,579	1,039
Water and juice ices <sup>2</sup> .....	6,363	6,620	6,631	6,175	4,918
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	43,878	44,232	44,944	45,070	37,780
Ice cream, lowfat, mix <sup>3</sup> .....	22,569	22,217	22,385	21,580	17,782
Ice cream, nonfat, mix .....	577	523	453	550	492
Sherbet mix .....	1,424	1,556	1,526	1,607	1,318
Yogurt mix .....	1,727	1,802	1,805	1,926	1,598

See footnote(s) at end of table.

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## Ice Cream Production by Product and Month – United States: 2024 (continued)

Products	October	November	December	Total	2024 as percent of 2023
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Frozen products</b>					
Ice cream, regular, total .....	74,537	60,456	61,244	885,999	2.7
Ice cream, regular, hard .....	62,782	50,854	51,762	736,680	4.0
Ice cream, lowfat, total <sup>1</sup> .....	32,887	25,696	25,013	411,788	-6.6
Ice cream, lowfat, hard .....	17,834	12,338	12,583	208,157	-6.9
Ice cream, lowfat, soft .....	15,053	13,358	12,430	203,631	-6.3
Ice cream, nonfat, total .....	1,087	929	960	10,664	0.6
Ice cream, nonfat, hard .....	523	428	468	5,956	-25.5
Sherbet, total .....	2,111	1,647	1,743	26,377	-6.9
Sherbet, hard .....	1,592	1,316	1,448	20,349	-4.0
Yogurt, total .....	2,997	2,671	2,832	37,788	-5.6
Yogurt, regular and lowfat, hard .....	1,378	1,272	1,397	13,819	13.0
Yogurt, nonfat, hard .....	105	218	174	2,612	-29.3
Other frozen dairy products <sup>2</sup> .....	1,102	925	854	13,389	0.7
Water and juice ices <sup>2</sup> .....	4,831	4,527	3,883	64,559	-9.9
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	39,364	32,852	33,070	477,050	5.0
Ice cream, lowfat, mix <sup>3</sup> .....	17,615	14,004	13,208	226,806	-4.4
Ice cream, nonfat, mix .....	578	552	519	5,644	4.3
Sherbet mix .....	1,355	991	1,065	16,551	-7.0
Yogurt mix .....	2,035	1,601	1,946	21,663	-8.5

(NA) Not available.

<sup>1</sup> Includes freezer-made milkshake.

<sup>2</sup> Plant count does not include counter-freezers.

<sup>3</sup> Includes milkshake mix.

## Whey and Modified Whey Products Production, Stocks, and Prices by Month – United States: 2023

Products	Plants	January	February	March	April
	(number)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet type, human .....	11	11,841	11,700	11,324	11,096
Dry whey products					
Dry whey, human .....	29	71,659	62,102	72,722	75,230
Dry whey, animal .....	21	5,054	4,597	4,574	4,365
Dry whey, total .....	(NA)	76,713	66,699	77,296	79,595
Reduced lactose and minerals					
Human .....	3	913	812	899	900
Animal .....	3	3,124	2,844	3,151	3,168
Whey protein concentrate					
Human <sup>2</sup> .....	44	40,503	37,757	41,920	40,659
Animal <sup>2</sup> .....	18	489	980	1,111	1,050
Total <sup>2</sup> .....	(NA)	40,992	38,737	43,031	41,709
25.0-49.9 percent <sup>3</sup> .....	15	15,382	13,087	14,974	14,365
50.0-89.9 percent <sup>3</sup> .....	38	25,610	25,650	28,057	27,344
Whey protein isolates <sup>4</sup> .....	20	9,462	8,849	9,764	9,285
Lactose, human and animal .....	29	90,193	83,542	98,668	92,838
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	(NA)	65,111	65,191	63,348	74,798
Dry whey, animal .....	(NA)	3,330	3,552	3,291	4,305
Dry whey, total .....	(NA)	68,441	68,743	66,639	79,103
Reduced lactose and minerals					
Human and animal <sup>6</sup> .....	(NA)	12,684	9,963	7,703	8,134
Whey protein concentrate					
Human <sup>2</sup> .....	(NA)	85,168	88,621	88,948	88,509
Animal <sup>2</sup> .....	(NA)	748	903	1,094	1,330
Total <sup>2</sup> .....	(NA)	85,916	89,524	90,042	89,839
25.0-49.9 percent <sup>3</sup> .....	(NA)	31,787	34,614	35,494	36,272
50.0-89.9 percent <sup>3</sup> .....	(NA)	54,129	54,910	54,548	53,567
Whey protein isolates <sup>4</sup> .....	(NA)	25,869	26,362	27,692	28,157
Lactose, human and animal .....	(NA)	165,641	168,095	168,417	167,778
	(number)	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	(NA)	24.7	23.8	27.8	29.4

See footnote(s) at end of table.

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**Whey and Modified Whey Products Production, Stocks, and Prices by Month – United States:  
2023 (continued)**

Products	May	June	July	August	September
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet type, human .....	11,818	11,950	11,955	11,454	10,477
Dry whey products					
Dry whey, human .....	77,264	84,195	82,741	80,294	75,828
Dry whey, animal .....	4,518	3,969	5,913	3,276	3,071
Dry whey, total .....	81,782	88,164	88,654	83,570	78,899
Reduced lactose and minerals					
Human .....	646	574	826	216	679
Animal .....	3,198	3,077	2,982	3,140	2,731
Whey protein concentrate					
Human <sup>2</sup> .....	42,930	44,998	42,478	39,300	39,271
Animal <sup>2</sup> .....	870	1,638	1,032	1,335	1,361
Total <sup>2</sup> .....	43,800	46,636	43,510	40,635	40,632
25.0-49.9 percent <sup>3</sup> .....	15,895	14,608	14,325	13,714	13,676
50.0-89.9 percent <sup>3</sup> .....	27,905	32,028	29,185	26,921	26,956
Whey protein isolates <sup>4</sup> .....	9,422	13,973	12,756	11,733	13,964
Lactose, human and animal .....	95,558	98,125	94,224	92,371	95,253
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	75,237	80,119	83,520	84,791	80,258
Dry whey, animal .....	2,865	2,519	3,612	2,991	2,997
Dry whey, total .....	78,102	82,638	87,132	87,782	83,255
Reduced lactose and minerals					
Human and animal <sup>6</sup> .....	8,515	8,901	9,383	8,679	8,399
Whey protein concentrate					
Human <sup>2</sup> .....	88,961	82,271	82,741	79,506	74,893
Animal <sup>2</sup> .....	1,416	1,976	2,161	1,886	1,082
Total <sup>2</sup> .....	90,377	84,247	84,902	81,392	75,975
25.0-49.9 percent <sup>3</sup> .....	38,008	36,250	35,071	34,946	33,027
50.0-89.9 percent <sup>3</sup> .....	52,369	47,997	49,831	46,446	42,948
Whey protein isolates <sup>4</sup> .....	25,700	24,168	21,678	20,114	18,861
Lactose, human and animal .....	170,086	149,878	145,153	142,336	129,374
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	23.8	20.0	15.3	15.6	17.9

See footnote(s) at end of table.

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**Whey and Modified Whey Products Production, Stocks, and Prices by Month – United States: 2023 (continued)**

Products	October	November	December	Total	2023 as percent of 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet type, human .....	11,636	10,941	11,312	137,504	14.2
Dry whey products					
Dry whey, human .....	71,473	63,351	68,231	885,090	-0.1
Dry whey, animal .....	3,803	5,230	4,319	52,689	79.7
Dry whey, total .....	75,276	68,581	72,550	937,779	2.5
Reduced lactose and minerals					
Human .....	471	573	610	8,119	-72.5
Animal .....	2,852	2,399	2,996	35,662	-3.8
Whey protein concentrate					
Human <sup>2</sup> .....	38,480	40,204	43,839	492,339	12.1
Animal <sup>2</sup> .....	1,150	966	402	12,384	2.8
Total <sup>2</sup> .....	39,630	41,170	44,241	504,723	11.9
25.0-49.9 percent <sup>3</sup> .....	12,230	12,445	11,884	166,585	7.7
50.0-89.9 percent <sup>3</sup> .....	27,400	28,725	32,357	338,138	14.1
Whey protein isolates <sup>4</sup> .....	14,092	14,180	15,684	143,164	9.6
Lactose, human and animal .....	90,017	84,059	90,687	1,105,535	-0.6
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	71,246	66,722	65,429	(X)	(X)
Dry whey, animal .....	4,074	4,339	3,887	(X)	(X)
Dry whey, total .....	75,320	71,061	69,316	(X)	(X)
Reduced lactose and minerals					
Human and animal <sup>6</sup> .....	7,162	5,942	5,205	(X)	(X)
Whey protein concentrate					
Human <sup>2</sup> .....	61,075	61,942	60,180	(X)	(X)
Animal <sup>2</sup> .....	1,344	1,944	1,721	(X)	(X)
Total <sup>2</sup> .....	62,419	63,886	61,901	(X)	(X)
25.0-49.9 percent <sup>3</sup> .....	27,596	26,450	25,207	(X)	(X)
50.0-89.9 percent <sup>3</sup> .....	34,823	37,436	36,694	(X)	(X)
Whey protein isolates <sup>4</sup> .....	17,716	16,892	16,266	(X)	(X)
Lactose, human and animal .....	114,800	110,264	108,338	(X)	(X)
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(percent)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	19.2	22.2	23.2	(X)	(X)

(NA) Not available.

(X) Not applicable.

<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, FOB plant. Average monthly prices reported by firms.

## Whey and Modified Whey Products Production, Stocks, and Prices by Month – United States: 2024

Products	Plants	January	February	March	April
	(number)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet type, human .....	11	12,997	11,942	12,146	12,383
Dry whey products					
Dry whey, human .....	28	73,443	66,236	74,473	75,253
Dry whey, animal .....	20	4,268	5,895	5,452	5,769
Dry whey, total .....	(NA)	77,711	72,131	79,925	81,022
Reduced lactose and minerals					
Human .....	2	723	752	935	946
Animal .....	3	2,658	2,755	2,954	2,760
Whey protein concentrate					
Human <sup>2</sup> .....	45	42,782	38,751	42,915	38,713
Animal <sup>2</sup> .....	18	659	549	1,572	957
Total <sup>2</sup> .....	(NA)	43,441	39,300	44,487	39,670
25.0-49.9 percent <sup>3</sup> .....	14	12,224	10,518	12,246	10,978
50.0-89.9 percent <sup>3</sup> .....	39	31,217	28,782	32,241	28,692
Whey protein isolates <sup>4</sup> .....	19	14,276	14,371	17,039	15,434
Lactose, human and animal .....	30	89,669	87,552	98,763	91,706
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	(NA)	61,490	66,929	75,813	67,631
Dry whey, animal .....	(NA)	4,368	5,922	5,471	4,831
Dry whey, total .....	(NA)	65,858	72,851	81,284	72,462
Reduced lactose and minerals					
Human and animal <sup>6</sup> .....	(NA)	6,325	6,832	7,451	8,223
Whey protein concentrate					
Human <sup>2</sup> .....	(NA)	58,975	56,791	50,834	49,451
Animal <sup>2</sup> .....	(NA)	1,093	1,377	1,957	1,973
Total <sup>2</sup> .....	(NA)	60,068	58,168	52,791	51,424
25.0-49.9 percent <sup>3</sup> .....	(NA)	24,730	22,184	20,752	18,847
50.0-89.9 percent <sup>3</sup> .....	(NA)	35,338	35,984	32,039	32,577
Whey protein isolates <sup>4</sup> .....	(NA)	16,072	18,917	15,651	15,772
Lactose, human and animal .....	(NA)	106,726	107,754	112,386	115,491
	(number)	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	(NA)	26.9	27.9	25.8	25.8

See footnote(s) at end of table.

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**Whey and Modified Whey Products Production, Stocks, and Prices by Month – United States: 2024 (continued)**

Products	May	June	July	August	September
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet type, human .....	13,413	13,015	12,198	11,827	11,400
Dry whey products					
Dry whey, human .....	62,410	68,056	62,774	60,858	65,178
Dry whey, animal .....	5,875	5,091	5,095	4,388	2,836
Dry whey, total .....	68,285	73,147	67,869	65,246	68,014
Reduced lactose and minerals					
Human .....	975	858	280	477	476
Animal .....	2,742	2,766	2,984	3,131	2,823
Whey protein concentrate					
Human <sup>2</sup> .....	42,194	39,781	38,076	40,548	38,743
Animal <sup>2</sup> .....	1,563	1,147	879	1,243	1,004
Total <sup>2</sup> .....	43,757	40,928	38,955	41,791	39,747
25.0-49.9 percent <sup>3</sup> .....	12,363	11,560	11,206	13,215	11,615
50.0-89.9 percent <sup>3</sup> .....	31,394	29,368	27,749	28,576	28,132
Whey protein isolates <sup>4</sup> .....	16,153	16,271	15,934	15,818	17,107
Lactose, human and animal .....	92,772	94,183	95,088	94,905	94,098
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	60,267	59,446	60,317	55,264	53,204
Dry whey, animal .....	4,188	3,692	3,424	3,277	2,544
Dry whey, total .....	64,455	63,138	63,741	58,541	55,748
Reduced lactose and minerals					
Human and animal <sup>6</sup> .....	8,604	8,781	8,912	8,580	7,899
Whey protein concentrate					
Human <sup>2</sup> .....	54,316	51,909	51,272	54,682	49,414
Animal <sup>2</sup> .....	2,547	1,834	1,714	1,390	1,214
Total <sup>2</sup> .....	56,863	53,743	52,986	56,072	50,628
25.0-49.9 percent <sup>3</sup> .....	21,069	19,071	18,819	22,662	17,558
50.0-89.9 percent <sup>3</sup> .....	35,794	34,672	34,167	33,410	33,070
Whey protein isolates <sup>4</sup> .....	18,303	15,600	16,143	16,171	14,957
Lactose, human and animal .....	118,790	117,621	118,348	124,079	120,772
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	25.8	25.7	29.6	29.7	32.3

See footnote(s) at end of table.

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**Whey and Modified Whey Products Production, Stocks, and Prices by Month – United States: 2024 (continued)**

Products	October	November	December	Total	2024 as percent of 2023
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet type, human .....	11,814	11,508	11,854	146,497	6.5
Dry whey products					
Dry whey, human .....	62,701	61,425	65,378	798,185	-9.8
Dry whey, animal .....	3,581	3,376	3,638	55,264	4.9
Dry whey, total .....	66,282	64,801	69,016	853,449	-9.0
Reduced lactose and minerals					
Human .....	588	617	847	8,474	4.4
Animal .....	3,130	2,724	2,800	34,227	-4.0
Whey protein concentrate					
Human <sup>2</sup> .....	39,382	39,108	41,038	482,031	-2.1
Animal <sup>2</sup> .....	1,659	680	1,266	13,178	6.4
Total <sup>2</sup> .....	41,041	39,788	42,304	495,209	-1.9
25.0-49.9 percent <sup>3</sup> .....	12,096	11,755	11,380	141,156	-15.3
50.0-89.9 percent <sup>3</sup> .....	28,945	28,033	30,924	354,053	4.7
Whey protein isolates <sup>4</sup> .....	15,902	15,789	18,479	192,573	34.5
Lactose, human and animal .....	91,558	84,900	93,434	1,108,628	0.3
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	47,775	53,627	56,898	(X)	(X)
Dry whey, animal .....	2,843	3,527	3,259	(X)	(X)
Dry whey, total .....	50,618	57,154	60,157	(X)	(X)
Reduced lactose and minerals					
Human and animal <sup>6</sup> .....	8,050	6,860	6,254	(X)	(X)
Whey protein concentrate					
Human <sup>2</sup> .....	49,356	52,850	56,321	(X)	(X)
Animal <sup>2</sup> .....	1,315	1,234	1,436	(X)	(X)
Total <sup>2</sup> .....	50,671	54,084	57,757	(X)	(X)
25.0-49.9 percent <sup>3</sup> .....	18,419	21,818	21,895	(X)	(X)
50.0-89.9 percent <sup>3</sup> .....	32,252	32,266	35,862	(X)	(X)
Whey protein isolates <sup>4</sup> .....	13,971	15,081	16,187	(X)	(X)
Lactose, human and animal .....	108,263	111,697	106,280	(X)	(X)
	(cents per pounds)	(cents per pounds)	(cents per pounds)	(cents per pounds)	(percent)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	35.2	37.8	38.4	(X)	(X)

(NA) Not available.

(X) Not applicable.

<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, FOB plant. Average monthly prices reported by firms.

**Canned, Condensed, and Dry Milk Products Production, Stocks, Shipments, and Prices by Month – United States: 2023**

Products	Plants	January	February	March	April
	(number)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Bulk condensed milk					
Skim, sweetened .....	4	9,106	8,621	12,691	9,431
Skim, unsweetened .....	37	119,360	107,949	122,347	118,823
Whole, sweetened .....	4	11,918	11,139	11,383	13,305
Whole, unsweetened .....	3	970	934	1,026	1,019
Condensed or evaporated buttermilk .....	11	7,544	7,152	7,654	7,515
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	4	41,861	37,427	37,568	43,788
Dry milk products					
Dry buttermilk, total .....	21	14,468	12,954	14,086	13,168
Dry skim milk, animal .....	13	1,217	694	947	530
Dry whole milk .....	13	9,349	8,441	9,882	8,529
Milk protein concentrate, total <sup>2</sup> .....	11	21,128	19,099	22,732	22,533
Nonfat dry milk, human .....	47	175,602	177,583	199,390	198,521
Skim milk powder, total <sup>3</sup> .....	18	55,752	47,623	48,544	45,617
<b>Manufacturers' stocks end of month <sup>4</sup></b>					
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	(NA)	54,744	56,205	44,315	48,000
Dry milk products					
Dry buttermilk, total .....	(NA)	37,834	38,115	38,688	40,265
Dry skim milk, animal .....	(NA)	7,125	10,055	5,616	5,892
Dry whole milk .....	(NA)	16,137	16,832	17,960	14,302
Nonfat dry milk, human .....	(NA)	300,066	323,005	334,192	327,675
<b>Manufacturers' shipments <sup>5</sup></b>					
Dry milk products					
Dry buttermilk, human .....	(NA)	11,922	12,047	14,180	11,590
Dry skim milk, animal .....	(NA)	1,986	2,375	1,369	813
Dry whole milk .....	(NA)	7,366	8,425	8,933	11,367
Nonfat dry milk, human .....	(NA)	133,432	147,090	176,840	194,304
<b>Manufacturers' selling price <sup>6</sup></b>					
Dry milk products					
Dry buttermilk, human .....	(NA)	88.9	115.1	108.9	100.3
Dry skim milk, animal .....	(NA)	92.8	79.5	86.9	75.9
Dry whole milk .....	(NA)	219.1	202.6	187.5	175.6

See footnote(s) at end of table.

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**Canned, Condensed, and Dry Milk Products Production, Stocks, Shipments, and Prices by Month – United States: 2023** (continued)

Products	May	June	July	August	September
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Bulk condensed milk					
Skim, sweetened .....	11,001	9,399	10,303	9,750	9,752
Skim, unsweetened .....	127,606	130,773	133,695	128,631	108,228
Whole, sweetened .....	13,128	14,167	13,342	13,307	13,507
Whole, unsweetened .....	858	945	982	1,269	1,334
Condensed or evaporated buttermilk .....	6,652	6,243	5,499	5,640	5,629
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	39,535	36,970	39,520	31,730	28,035
Dry milk products					
Dry buttermilk, total .....	13,763	10,087	11,360	5,689	8,485
Dry skim milk, animal .....	795	834	582	715	721
Dry whole milk .....	9,446	10,025	8,719	8,005	9,014
Milk protein concentrate, total <sup>2</sup> .....	23,920	18,447	14,229	12,812	15,236
Nonfat dry milk, human .....	206,532	173,093	133,356	112,079	99,972
Skim milk powder, total <sup>3</sup> .....	46,305	49,436	72,149	71,099	67,121
<b>Manufacturers' stocks end of month <sup>4</sup></b>					
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	56,525	57,428	73,178	71,013	59,023
Dry milk products					
Dry buttermilk, total .....	40,169	38,540	38,623	30,963	27,269
Dry skim milk, animal .....	6,241	6,726	7,137	7,928	9,677
Dry whole milk .....	13,458	12,914	9,107	11,469	11,398
Nonfat dry milk, human .....	312,319	298,497	277,506	257,719	232,110
<b>Manufacturers' shipments <sup>5</sup></b>					
Dry milk products					
Dry buttermilk, human .....	12,767	10,692	10,345	12,070	11,221
Dry skim milk, animal .....	1,211	1,542	885	1,498	1,505
Dry whole milk .....	10,938	8,934	11,397	9,494	7,829
Nonfat dry milk, human .....	212,163	177,659	146,032	129,789	130,717
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)
<b>Manufacturers' selling price <sup>6</sup></b>					
Dry milk products					
Dry buttermilk, human .....	84.7	78.7	93.6	75.1	72.8
Dry skim milk, animal .....	81.3	79.3	71.2	79.0	76.9
Dry whole milk .....	164.1	178.9	180.7	185.6	188.4

See footnote(s) at end of table.

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**Canned, Condensed, and Dry Milk Products Production, Stocks, Shipments, and Prices by Month – United States: 2023** (continued)

Products	October	November	December	Total	2023 as percent of 2022
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, sweetened .....	8,434	10,054	9,423	117,965	-0.2
Skim, unsweetened .....	115,933	104,005	107,580	1,424,930	7.5
Whole, sweetened .....	13,275	11,799	10,765	151,035	3.4
Whole, unsweetened .....	1,203	1,040	1,504	13,084	149.7
Condensed or evaporated buttermilk .....	6,551	6,777	8,332	81,188	1.5
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	41,480	43,305	43,165	464,384	-6.5
Dry milk products					
Dry buttermilk, total .....	12,456	10,750	14,641	141,907	2.7
Dry skim milk, animal .....	590	599	537	8,761	-0.8
Dry whole milk .....	9,461	10,000	9,600	110,471	-19.3
Milk protein concentrate, total <sup>2</sup> .....	13,702	14,068	19,124	217,030	-1.9
Nonfat dry milk, human .....	128,563	116,815	146,889	1,868,395	-4.4
Skim milk powder, total <sup>3</sup> .....	53,520	70,321	63,447	690,934	5.0
<b>Manufacturers' stocks end of month <sup>4</sup></b>					
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	49,668	40,879	39,876	(X)	(X)
Dry milk products					
Dry buttermilk, total .....	25,355	24,875	27,199	(X)	(X)
Dry skim milk, animal .....	11,463	7,869	6,255	(X)	(X)
Dry whole milk .....	8,137	10,218	13,073	(X)	(X)
Nonfat dry milk, human .....	211,516	198,138	194,486	(X)	(X)
<b>Manufacturers' shipments <sup>5</sup></b>					
Dry milk products					
Dry buttermilk, human .....	13,379	10,312	11,321	(X)	(X)
Dry skim milk, animal .....	2,119	2,107	3,400	(X)	(X)
Dry whole milk .....	9,892	10,641	7,162	(X)	(X)
Nonfat dry milk, human .....	143,339	126,437	144,138	(X)	(X)
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(percent)
<b>Manufacturers' selling price <sup>6</sup></b>					
Dry milk products					
Dry buttermilk, human .....	73.3	80.1	84.0	(X)	(X)
Dry skim milk, animal .....	73.7	86.0	82.3	(X)	(X)
Dry whole milk .....	195.0	200.2	195.4	(X)	(X)

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Combined to avoid disclosing individual plant operations.

<sup>2</sup> Dry milk protein concentrate, 40.0-89.9 percent.

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

<sup>4</sup> Stocks held by manufacturers at all points and in transit.

<sup>5</sup> For dry products, shipments of bulk goods.

<sup>6</sup> Prices for bulk goods, FOB plant. Average monthly prices reported by firms, weighted by shipments of each firm.

**Canned, Condensed, and Dry Milk Products Production, Stocks, Shipments, and Prices by Month – United States: 2024**

Products	Plants	January	February	March	April
	(number)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Bulk condensed milk					
Skim, sweetened .....	4	10,072	9,631	10,345	13,503
Skim, unsweetened .....	40	116,575	111,269	125,523	134,902
Whole, sweetened .....	4	12,851	12,116	13,056	14,548
Whole, unsweetened .....	6	1,536	1,131	1,451	1,395
Condensed or evaporated buttermilk .....	12	8,844	7,472	7,491	7,295
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	4	44,108	34,445	39,034	44,253
Dry milk products					
Dry buttermilk, total .....	22	18,159	14,452	14,806	13,429
Dry skim milk, animal .....	15	686	583	585	658
Dry whole milk .....	11	9,881	10,115	8,439	9,037
Milk protein concentrate, total <sup>2</sup> .....	11	22,731	32,815	31,495	31,557
Nonfat dry milk, human .....	43	139,032	147,100	184,846	173,911
Skim milk powder, total <sup>3</sup> .....	17	64,335	43,609	38,561	44,858
<b>Manufacturers' stocks end of month <sup>4</sup></b>					
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	(NA)	56,045	56,515	46,113	52,817
Dry milk products					
Dry buttermilk, total .....	(NA)	33,950	35,350	35,683	35,314
Dry skim milk, animal .....	(NA)	2,980	7,433	6,930	6,917
Dry whole milk .....	(NA)	11,972	12,216	11,447	11,926
Nonfat dry milk, human .....	(NA)	196,776	196,000	218,159	243,084
<b>Manufacturers' shipments <sup>5</sup></b>					
Dry milk products					
Dry buttermilk, human .....	(NA)	11,524	12,672	13,618	12,429
Dry skim milk, animal .....	(NA)	1,027	1,147	1,510	1,373
Dry whole milk .....	(NA)	7,907	11,357	9,703	8,391
Nonfat dry milk, human .....	(NA)	134,927	142,292	155,381	153,370
<b>Manufacturers' selling price <sup>6</sup></b>					
Dry milk products					
Dry buttermilk, human .....	(NA)	84.9	83.3	92.6	82.3
Dry skim milk, animal .....	(NA)	85.8	67.4	87.9	98.1
Dry whole milk .....	(NA)	199.0	185.5	195.9	200.5

See footnote(s) at end of table.

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**Canned, Condensed, and Dry Milk Products Production, Stocks, Shipments, and Prices by Month – United States: 2024** (continued)

Products	May	June	July	August	September
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
<b>Production</b>					
Bulk condensed milk					
Skim, sweetened .....	14,149	12,968	16,188	16,931	13,853
Skim, unsweetened .....	136,780	129,391	118,894	112,413	103,517
Whole, sweetened .....	17,765	19,500	18,148	17,419	19,422
Whole, unsweetened .....	1,151	3,254	3,612	4,064	4,530
Condensed or evaporated buttermilk .....	7,728	6,379	7,092	6,570	6,362
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	37,693	43,001	36,512	43,162	40,051
Dry milk products					
Dry buttermilk, total .....	12,927	9,275	10,157	8,988	10,041
Dry skim milk, animal .....	659	678	522	588	571
Dry whole milk .....	9,350	10,698	10,914	8,623	7,811
Milk protein concentrate, total <sup>2</sup> .....	33,451	30,599	25,920	22,842	23,195
Nonfat dry milk, human .....	167,726	127,609	120,950	114,903	117,057
Skim milk powder, total <sup>3</sup> .....	49,678	68,813	51,855	48,679	53,295
<b>Manufacturers' stocks end of month <sup>4</sup></b>					
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	57,486	57,870	59,608	65,601	60,915
Dry milk products					
Dry buttermilk, total .....	34,586	30,152	28,686	26,324	26,859
Dry skim milk, animal .....	8,784	7,933	11,694	10,400	10,693
Dry whole milk .....	12,315	13,000	11,516	11,188	11,707
Nonfat dry milk, human .....	252,232	240,212	226,915	211,447	197,297
<b>Manufacturers' shipments <sup>5</sup></b>					
Dry milk products					
Dry buttermilk, human .....	12,369	12,041	11,332	10,727	9,070
Dry skim milk, animal .....	1,991	1,057	1,281	1,959	675
Dry whole milk .....	7,673	10,017	8,629	7,307	7,396
Nonfat dry milk, human .....	157,712	146,130	131,184	127,556	125,388
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)
<b>Manufacturers' selling price <sup>6</sup></b>					
Dry milk products					
Dry buttermilk, human .....	78.0	82.9	85.2	83.8	87.7
Dry skim milk, animal .....	94.3	81.6	87.2	96.0	82.8
Dry whole milk .....	200.2	202.3	212.8	220.4	221.9

See footnote(s) at end of table.

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**Canned, Condensed, and Dry Milk Products Production, Stocks, Shipments, and Prices by Month – United States: 2024** (continued)

Products	October	November	December	Total	2024 as percent of 2023
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, sweetened .....	15,356	13,305	12,077	158,378	34.3
Skim, unsweetened .....	111,219	99,752	109,226	1,409,461	-1.1
Whole, sweetened .....	18,236	16,233	15,046	194,340	28.7
Whole, unsweetened .....	3,607	3,068	3,146	31,945	144.2
Condensed or evaporated buttermilk .....	7,033	7,221	7,746	87,233	7.4
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	44,415	44,094	40,291	491,059	5.7
Dry milk products					
Dry buttermilk, total .....	10,695	16,324	13,157	152,410	7.4
Dry skim milk, animal .....	526	658	757	7,471	-14.7
Dry whole milk .....	9,613	7,631	9,252	111,364	0.8
Milk protein concentrate, total <sup>2</sup> .....	25,270	23,947	29,178	333,000	53.4
Nonfat dry milk, human .....	124,669	120,137	130,715	1,668,655	-10.7
Skim milk powder, total <sup>3</sup> .....	39,853	44,990	50,824	599,350	-13.3
<b>Manufacturers' stocks end of month <sup>4</sup></b>					
Canned milk					
Evaporated and condensed whole <sup>1</sup> .....	50,543	42,986	42,927	(X)	(X)
Dry milk products					
Dry buttermilk, total .....	22,133	23,752	23,747	(X)	(X)
Dry skim milk, animal .....	9,654	7,640	6,733	(X)	(X)
Dry whole milk .....	11,517	10,912	12,398	(X)	(X)
Nonfat dry milk, human .....	190,397	191,482	202,548	(X)	(X)
<b>Manufacturers' shipments <sup>5</sup></b>					
Dry milk products					
Dry buttermilk, human .....	14,459	13,970	12,599	(X)	(X)
Dry skim milk, animal .....	1,372	1,420	1,743	(X)	(X)
Dry whole milk .....	8,134	6,507	7,258	(X)	(X)
Nonfat dry milk, human .....	126,003	112,818	114,989	(X)	(X)
	(cents per pound)	(cents per pound)	(cents per pound)	(cents per pound)	(percent)
<b>Manufacturers' selling price <sup>6</sup></b>					
Dry milk products					
Dry buttermilk, human .....	86.9	99.5	106.9	(X)	(X)
Dry skim milk, animal .....	91.2	103.8	95.3	(X)	(X)
Dry whole milk .....	223.2	218.5	212.7	(X)	(X)

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Combined to avoid disclosing individual plant operations.

<sup>2</sup> Dry milk protein concentrate, 40.0-89.9 percent.

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

<sup>4</sup> Stocks held by manufacturers at all points and in transit.

<sup>5</sup> For dry products, shipments of bulk goods.

<sup>6</sup> Prices for bulk goods, FOB plant. Average monthly prices reported by firms, weighted by shipments of each firm.

**Total Cheese (Excluding Cottage Cheese) Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January (1,000 pounds)	February (1,000 pounds)	March (1,000 pounds)	April (1,000 pounds)	May (1,000 pounds)	June (1,000 pounds)	July (1,000 pounds)	August (1,000 pounds)
California .....	211,457	203,816	215,428	206,516	214,524	205,203	203,695	213,084
Idaho .....	86,703	76,565	89,044	89,372	81,186	88,806	88,717	86,599
Illinois .....	37,439	6,889	7,380	6,893	6,887	6,845	7,293	6,880
Iowa .....	34,533	31,505	33,209	33,377	33,413	31,393	31,868	30,595
Massachusetts .....	50	38	44	43	47	47	49	48
Minnesota .....	71,541	65,518	70,885	68,057	70,478	65,668	66,867	67,724
New Jersey .....	8,260	7,516	8,357	7,520	7,909	7,933	8,654	8,495
New Mexico .....	81,870	75,724	82,916	77,425	80,954	68,684	77,848	88,730
New York .....	77,175	73,907	72,672	74,085	68,669	67,175	77,361	69,768
Ohio .....	22,546	19,300	22,067	20,643	20,551	19,579	21,611	21,051
Pennsylvania .....	37,840	35,878	38,961	42,326	41,318	38,313	34,431	38,286
Vermont .....	13,048	12,521	12,896	12,473	12,323	11,187	11,728	11,309
Wisconsin .....	300,569	282,219	296,252	301,541	312,051	293,382	301,370	296,800
Other States <sup>1</sup> .....	255,330	244,177	259,304	251,972	262,090	250,803	257,748	256,445
United States .....	1,238,361	1,135,573	1,209,415	1,192,243	1,212,400	1,155,018	1,189,240	1,195,814
Atlantic .....	141,028	134,304	137,920	141,478	134,492	129,335	136,560	132,320
Central .....	621,833	554,319	588,487	580,554	604,046	568,583	584,994	578,266
West .....	475,500	446,950	483,008	470,211	473,862	457,100	467,686	485,228

State and region	2024					2023		
	September (1,000 pounds)	October (1,000 pounds)	November (1,000 pounds)	December (1,000 pounds)	Total (1,000 pounds)	Plants (number)	Total (1,000 pounds)	Plants (number)
California .....	199,112	204,481	198,932	204,730	2,480,978	47	2,493,238	48
Idaho .....	89,654	94,446	79,764	92,281	1,043,137	9	1,012,143	8
Illinois .....	7,070	6,956	7,297	7,358	115,187	9	70,205	12
Iowa .....	29,572	31,981	32,518	33,760	387,724	18	395,804	17
Massachusetts .....	42	47	44	42	541	10	1,111	13
Minnesota .....	66,534	69,693	64,997	68,955	816,917	13	819,400	13
New Jersey .....	7,777	8,832	7,613	8,984	97,850	19	72,042	14
New Mexico .....	65,952	75,986	75,171	73,686	924,946	4	995,572	4
New York .....	68,953	74,802	66,956	64,718	856,241	55	828,433	59
Ohio .....	22,026	21,560	20,716	23,087	254,737	18	254,705	19
Pennsylvania .....	40,783	39,882	37,472	38,010	463,500	43	521,050	46
Vermont .....	11,846	13,227	12,242	13,190	147,990	28	141,930	31
Wisconsin .....	284,743	315,022	295,374	306,267	3,585,590	116	3,517,903	117
Other States <sup>1</sup> .....	257,274	264,499	250,764	263,604	3,074,010	120	3,032,041	122
United States .....	1,151,338	1,221,414	1,149,860	1,198,672	14,249,348	509	14,155,577	523
Atlantic .....	133,703	141,117	128,774	129,420	1,620,451	192	1,627,967	202
Central .....	565,756	608,834	571,205	597,935	7,024,812	230	6,959,128	234
West .....	451,879	471,463	449,881	471,317	5,604,085	87	5,568,482	87

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

## Total American Type Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	47,935	43,248	50,359	46,830	48,992	45,708	44,368	48,133
Iowa .....	19,786	18,117	19,957	20,244	18,648	17,372	16,768	15,268
Minnesota .....	60,054	55,053	59,289	57,900	60,931	58,514	60,978	60,371
New York .....	13,111	12,058	12,871	11,541	12,799	11,685	12,611	11,867
Wisconsin .....	97,333	84,694	93,352	95,426	95,671	89,428	91,994	86,092
Other States <sup>1</sup> .....	238,691	225,158	242,207	231,640	247,839	228,608	238,187	250,648
United States .....	476,910	438,328	478,035	463,581	484,880	451,315	464,906	472,379
Atlantic .....	23,931	22,389	23,469	22,099	23,517	21,309	22,761	21,445
Central .....	268,308	246,575	267,580	262,407	274,942	253,940	258,161	251,308
West .....	184,671	169,364	186,986	179,075	186,421	176,066	183,984	199,626

State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	45,688	47,958	42,872	42,738	554,829	12	547,396	11
Iowa .....	14,712	16,811	16,580	17,725	211,988	15	206,502	14
Minnesota .....	59,256	62,322	56,424	59,115	710,207	10	692,099	10
New York .....	12,534	12,171	12,276	13,290	148,814	21	145,292	23
Wisconsin .....	85,693	95,004	86,456	98,432	1,099,575	66	1,104,300	65
Other States <sup>1</sup> .....	228,155	248,827	234,206	236,964	2,851,130	143	3,053,858	141
United States .....	446,038	483,093	448,814	468,264	5,576,543	267	5,749,447	264
Atlantic .....	22,663	23,342	22,812	24,885	274,622	92	264,538	92
Central .....	250,246	270,843	249,550	269,547	3,123,407	138	3,202,639	136
West .....	173,129	188,908	176,452	173,832	2,178,514	37	2,282,270	36

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

## Cheddar Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	23,838	19,374	21,291	21,251	22,308	20,803	18,441	21,187
Vermont .....	9,231	8,666	8,765	8,871	9,054	8,009	8,498	7,904
Wisconsin .....	66,169	54,882	61,118	62,920	59,350	55,036	56,457	52,964
Other States <sup>1</sup> .....	234,091	221,613	238,887	219,695	233,721	221,224	223,267	234,598
United States .....	333,329	304,535	330,061	312,737	324,433	305,072	306,663	316,653
Atlantic .....	21,968	21,127	21,676	20,098	21,550	19,419	20,814	19,756
Central .....	188,317	173,830	185,816	174,864	182,204	168,596	167,418	168,788
West .....	123,044	109,578	122,569	117,775	120,679	117,057	118,431	128,109

State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	22,593	21,161	20,347	17,087	249,681	10	243,810	9
Vermont .....	8,514	9,554	8,767	9,978	105,811	14	99,644	15
Wisconsin .....	53,659	61,066	53,620	60,739	697,980	65	733,312	65
Other States <sup>1</sup> .....	219,127	235,581	225,529	224,503	2,731,836	158	2,918,113	160
United States .....	303,893	327,362	308,263	312,307	3,785,308	247	3,994,879	249
Atlantic .....	20,593	21,144	20,598	22,776	251,519	79	244,052	82
Central .....	168,957	183,012	165,696	174,478	2,101,976	133	2,207,416	133
West .....	114,343	123,206	121,969	115,053	1,431,813	35	1,543,411	34

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

## Other American Varieties of Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Includes Colby, washed curd, stirred curd, Monterey, and Jack]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	24,097	23,874	29,068	25,579	26,684	24,905	25,927	26,946
Wisconsin .....	31,164	29,812	32,234	32,506	36,321	34,392	35,537	33,128
Other States <sup>1</sup> .....	88,320	80,107	86,672	92,759	97,442	86,946	96,779	95,652
United States .....	143,581	133,793	147,974	150,844	160,447	146,243	158,243	155,726
Atlantic .....	1,963	1,262	1,793	2,001	1,967	1,890	1,947	1,689
Central .....	79,991	72,745	81,764	87,543	92,738	85,344	90,743	82,520
West .....	61,627	59,786	64,417	61,300	65,742	59,009	65,553	71,517

State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	23,095	26,797	22,525	25,651	305,148	8	303,586	8
Wisconsin .....	32,034	33,938	32,836	37,693	401,595	40	370,988	39
Other States <sup>1</sup> .....	87,016	94,996	85,190	92,613	1,084,492	94	1,079,994	90
United States .....	142,145	155,731	140,551	155,957	1,791,235	142	1,754,568	137
Atlantic .....	2,070	2,198	2,214	2,109	23,103	41	20,486	38
Central .....	81,289	87,831	83,854	95,069	1,021,431	82	995,223	79
West .....	58,786	65,702	54,483	58,779	746,701	19	738,859	20

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

**Total Italian Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	141,637	141,357	144,683	139,930	146,123	139,509	140,159	144,115
Minnesota .....	11,292	10,310	11,433	9,956	9,385	7,034	5,674	7,202
New Jersey .....	5,446	4,505	5,294	4,602	4,948	4,907	5,566	5,152
New York .....	31,195	28,861	30,952	27,920	26,911	27,585	27,616	30,410
Pennsylvania .....	23,813	20,738	22,489	23,736	23,224	20,935	20,336	22,871
Wisconsin .....	145,540	133,562	143,871	141,948	146,342	137,610	143,937	142,818
Other States <sup>1</sup> .....	156,005	143,003	160,174	157,536	148,191	147,704	154,278	148,459
United States .....	514,928	482,336	518,896	505,628	505,124	485,284	497,566	501,027
Atlantic .....	63,533	56,976	62,143	59,586	57,671	56,628	56,344	61,332
Central .....	210,733	195,591	209,927	204,791	208,348	196,135	206,528	206,865
West .....	240,662	229,769	246,826	241,251	239,105	232,521	234,694	232,830

State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	135,487	136,342	138,327	142,601	1,690,270	26	1,654,574	25
Minnesota .....	7,099	7,195	8,446	9,716	104,742	5	124,994	5
New Jersey .....	4,986	4,946	4,568	5,608	60,528	12	37,023	9
New York .....	28,072	30,503	28,505	25,491	344,021	14	344,979	13
Pennsylvania .....	22,316	22,531	22,638	23,728	269,355	14	276,231	12
Wisconsin .....	132,033	150,584	142,818	146,308	1,707,371	53	1,674,241	51
Other States <sup>1</sup> .....	158,781	158,475	147,564	168,878	1,849,048	65	1,744,761	75
United States .....	488,774	510,576	492,866	522,330	6,025,335	189	5,856,803	190
Atlantic .....	58,165	60,788	58,623	57,716	709,505	69	705,732	70
Central .....	196,827	215,953	205,246	215,953	2,472,897	81	2,467,552	81
West .....	233,782	233,835	228,997	248,661	2,842,933	39	2,683,519	39

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

**Mozzarella Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January (1,000 pounds)	February (1,000 pounds)	March (1,000 pounds)	April (1,000 pounds)	May (1,000 pounds)	June (1,000 pounds)	July (1,000 pounds)	August (1,000 pounds)
California .....	128,031	128,580	134,110	129,583	135,492	129,387	129,192	134,455
New Jersey .....	3,127	2,877	3,145	2,998	3,231	3,276	3,632	3,489
New York .....	15,856	12,670	14,682	13,221	14,087	14,228	14,174	14,885
Pennsylvania .....	19,873	16,636	18,195	19,519	18,718	17,196	16,114	19,114
Wisconsin .....	92,756	86,428	91,788	90,996	96,055	89,921	93,571	91,839
Other States <sup>1</sup> .....	141,850	131,063	147,472	146,038	137,410	136,874	143,085	137,510
United States .....	401,493	378,254	409,392	402,355	404,993	390,882	399,768	401,292
Atlantic .....	40,504	33,776	37,785	37,479	37,540	36,467	35,611	39,181
Central .....	135,459	128,834	136,462	135,278	140,332	133,503	141,719	139,578
West .....	225,530	215,644	235,145	229,598	227,121	220,912	222,438	222,533

State and region	2024					2023		
	September (1,000 pounds)	October (1,000 pounds)	November (1,000 pounds)	December (1,000 pounds)	Total (1,000 pounds)	Plants (number)	Total (1,000 pounds)	Plants (number)
California .....	126,518	125,653	127,018	131,436	1,559,455	20	1,526,474	18
New Jersey .....	3,314	2,834	2,655	3,932	38,510	10	19,020	7
New York .....	13,635	14,291	12,801	10,592	165,122	11	164,188	11
Pennsylvania .....	18,848	18,067	18,610	19,885	220,775	7	225,627	6
Wisconsin .....	83,445	97,169	90,823	94,722	1,099,513	33	1,078,715	33
Other States <sup>1</sup> .....	145,836	147,179	135,364	155,443	1,705,124	37	1,592,254	39
United States .....	391,596	405,193	387,271	416,010	4,788,499	118	4,606,278	114
Atlantic .....	37,425	36,797	35,715	36,011	444,291	37	438,394	35
Central .....	130,241	146,112	134,815	143,332	1,645,665	51	1,629,845	52
West .....	223,930	222,284	216,741	236,667	2,698,543	30	2,538,039	27

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

### Total Italian Cheese Production by Type – United States: 2023 and 2024

Type	2023	2024	2024 as percent of 2023
	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Hard</b>			
Provolone and similars .....	376,194	387,243	2.9
Romano and similars .....	50,009	60,058	20.1
Parmesan and similars .....	488,493	447,731	-8.3
Other hard .....	54,999	65,126	18.4
Total hard .....	969,695	960,158	-1.0
<b>Soft</b>			
Mozzarella and similars .....	4,606,278	4,788,499	4.0
Ricotta and similars .....	247,704	242,208	-2.2
Other soft .....	33,126	34,470	4.1
Total soft .....	4,887,108	5,065,177	3.6
Total hard and soft .....	5,856,803	6,025,335	2.9

### Total Italian Cheese Production by Type – Regions and United States: 2023 and 2024

Region	Hard types		Soft types		Total	
	2023	2024	2023	2024	2023	2024
	(1,000 lbs)	(1,000 lbs)	(1,000 lbs)	(1,000 lbs)	(1,000 lbs)	(1,000 lbs)
Atlantic .....	118,621	118,729	587,111	590,776	705,732	709,505
Central .....	713,476	703,275	1,754,076	1,769,622	2,467,552	2,472,897
West .....	137,598	138,154	2,545,921	2,704,779	2,683,519	2,842,933
United States .....	969,695	960,158	4,887,108	5,065,177	5,856,803	6,025,335

### Miscellaneous Italian Cheese Production – States and United States: 2023 and 2024

State	Provolone		Romano		Parmesan	
	2023	2024	2023	2024	2023	2024
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Wisconsin .....	197,686	208,152	29,504	36,530	262,236	243,840
Other States <sup>1</sup> .....	178,508	179,091	20,505	23,528	226,257	203,891
United States .....	376,194	387,243	50,009	60,058	488,493	447,731

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

### Swiss Cheese Production by Month – States and United States: 2024 and Total 2023-2024

State	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Ohio .....	12,465	11,822	12,678	12,069	13,087	12,324	12,800	11,707
Pennsylvania .....	650	585	602	656	684	679	719	686
Wisconsin .....	1,401	1,314	1,259	1,433	1,291	1,155	1,264	1,312
Other States <sup>1</sup> .....	45,403	11,871	13,039	13,440	13,719	12,183	13,308	13,649
United States .....	59,919	25,592	27,578	27,598	28,781	26,341	28,091	27,354

State	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
Ohio .....	11,731	11,919	11,030	12,607	146,239	12	147,873	12
Pennsylvania .....	532	499	543	687	7,522	11	7,330	9
Wisconsin .....	1,220	1,018	1,263	1,533	15,463	9	14,939	11
Other States <sup>1</sup> .....	13,366	13,086	13,201	14,775	191,040	37	164,827	34
United States .....	26,849	26,522	26,037	29,602	360,264	69	334,969	66

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

### Hispanic Cheese Production by Month – States and United States: 2024 and Total 2023-2024

State	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Wisconsin .....	10,572	11,132	13,392	12,322	12,585	12,625	13,179	13,266
Other States <sup>1</sup> .....	27,962	21,955	23,217	24,373	23,798	22,660	22,641	23,762
United States .....	38,534	33,087	36,609	36,695	36,383	35,285	35,820	37,028

State	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
Wisconsin .....	12,852	14,101	13,655	11,635	151,316	19	130,030	20
Other States <sup>1</sup> .....	23,464	24,445	20,366	24,938	283,581	45	289,552	44
United States .....	36,316	38,546	34,021	36,573	434,897	64	419,582	64

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

## Muenster Cheese Production by Month – States and United States: 2024 and Total 2023-2024

State	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	4,233	4,701	3,563	3,555	3,959	4,896	4,221	4,462
Wisconsin .....	6,893	5,967	6,341	6,379	7,072	6,006	6,413	7,035
Other States <sup>1</sup> .....	7,365	6,814	6,206	6,689	7,457	6,995	6,540	5,611
United States .....	18,491	17,482	16,110	16,623	18,488	17,897	17,174	17,108

State	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	3,709	3,813	4,417	4,604	50,133	2	63,981	2
Wisconsin .....	6,945	6,347	6,654	7,409	79,461	23	72,286	24
Other States <sup>1</sup> .....	5,931	8,021	6,646	6,444	80,719	16	66,100	17
United States .....	16,585	18,181	17,717	18,457	210,313	41	202,367	43

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

## Processed Cheeses and Combinations Production – United States: 2015-2024

Year	Processed cheese <sup>1</sup>		Processed cheese foods and spreads <sup>2</sup>	
	Plants	Production	Plants	Production
	(number)	(1,000 pounds)	(number)	(1,000 pounds)
2015 .....	26	1,488,683	27	873,337
2016 .....	30	1,630,801	24	654,996
2017 .....	30	1,751,137	23	596,506
2018 .....	27	1,783,805	23	572,213
2019 .....	27	1,600,799	24	740,656
2020 .....	28	1,677,043	24	579,973
2021 .....	27	2,010,903	23	634,621
2022 .....	29	1,740,497	24	638,191
2023 .....	31	2,115,838	24	633,655
2024 .....	33	2,118,861	21	566,912

Year	Cold pack cheese and cheese foods <sup>2</sup>		Total	
	Plants	Production	Plants	Production
	(number)	(1,000 pounds)	(number)	(1,000 pounds)
2015 .....	15	37,893	48	2,399,913
2016 .....	13	30,619	47	2,316,416
2017 .....	14	34,605	50	2,382,248
2018 .....	14	30,443	48	2,386,461
2019 .....	13	30,247	48	2,371,702
2020 .....	14	34,308	47	2,291,324
2021 .....	15	168,512	45	2,814,036
2022 .....	17	164,301	49	2,542,989
2023 .....	15	81,722	50	2,831,215
2024 .....	15	130,391	48	2,816,164

<sup>1</sup> Processed cheese is made by pasteurizing, emulsifying, and blending natural cheese and contains no other ingredients.

<sup>2</sup> Processed cheese foods, spreads, and cold pack contain additional ingredients such as nonfat milk solids, condiments, etc. These data exclude spreads made from Neufchatel and Cream Cheese.

## Lowfat Cottage Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Fat content less than 4 percent]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
New York .....	9,485	9,028	9,723	9,555	10,013	9,638	9,687	9,984
Other States <sup>1</sup> .....	20,321	19,946	20,880	23,583	23,961	22,005	23,754	23,304
United States .....	29,806	28,974	30,603	33,138	33,974	31,643	33,441	33,288
Atlantic .....	9,762	9,376	10,020	9,896	10,369	9,915	10,052	10,342
Central .....	10,230	10,732	11,179	12,380	13,018	11,996	13,825	13,332
West .....	9,814	8,866	9,404	10,862	10,587	9,732	9,564	9,614

State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
New York .....	9,598	11,223	8,854	9,695	116,483	6	103,300	6
Other States <sup>1</sup> .....	22,072	22,490	25,181	20,578	268,075	36	232,112	38
United States .....	31,670	33,713	34,035	30,273	384,558	42	335,412	44
Atlantic .....	9,868	11,502	9,068	9,938	120,108	9	106,654	10
Central .....	13,131	13,047	12,053	12,220	147,143	18	127,299	19
West .....	8,671	9,164	12,914	8,115	117,307	15	101,459	15

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

## Creamed Cottage Cheese Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Fat content more than 4 percent]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
New York .....	10,788	10,839	11,369	10,825	10,183	10,237	10,779	11,633
Oregon .....	677	582	789	787	683	624	555	653
Other States <sup>1</sup> .....	21,240	21,175	23,292	24,313	25,339	23,239	25,462	24,916
United States .....	32,705	32,596	35,450	35,925	36,205	34,100	36,796	37,202
Atlantic .....	11,395	11,508	11,967	11,376	10,907	10,858	11,518	12,475
Central .....	15,772	15,856	17,689	17,020	17,367	16,345	19,142	18,204
West .....	5,538	5,232	5,794	7,529	7,931	6,897	6,136	6,523
State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
New York .....	10,956	10,835	10,518	10,875	129,837	7	122,745	7
Oregon .....	581	565	420	475	7,391	3	6,834	3
Other States <sup>1</sup> .....	24,179	24,907	23,427	22,971	284,460	38	248,263	38
United States .....	35,716	36,307	34,365	34,321	421,688	48	377,842	48
Atlantic .....	11,627	11,394	10,874	11,543	137,442	10	130,230	10
Central .....	18,329	19,065	17,487	17,197	209,473	22	180,313	22
West .....	5,760	5,848	6,004	5,581	74,773	16	67,299	16

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

## Cottage Cheese Curd Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Mostly used for processing into fully creamed or lowfat cottage cheese. Cottage cheese curd and creamed and lowfat cottage cheese should not be added together to obtain total production]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
New York .....	9,953	9,901	10,386	11,000	10,568	10,550	11,684	11,685
Other States <sup>1</sup> .....	23,886	23,773	25,986	27,018	27,925	25,274	29,514	28,329
United States .....	33,839	33,674	36,372	38,018	38,493	35,824	41,198	40,014
Atlantic .....	10,697	10,780	11,159	11,765	11,464	11,331	12,635	12,737
Central .....	15,699	15,806	17,442	18,464	19,119	17,645	20,299	19,086
West .....	7,443	7,088	7,771	7,789	7,910	6,848	8,264	8,191
State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
New York .....	12,477	11,940	10,596	11,390	132,130	8	117,131	8
Other States <sup>1</sup> .....	27,705	28,745	25,916	26,131	320,202	39	281,396	40
United States .....	40,182	40,685	36,512	37,521	452,332	47	398,527	48
Atlantic .....	13,294	12,627	11,159	12,182	141,830	12	126,075	13
Central .....	19,698	20,322	18,509	18,118	220,207	22	187,662	22
West .....	7,190	7,736	6,844	7,221	90,295	13	84,790	13

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

**Sour Cream Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	16,286	15,321	16,043	16,762	15,748	14,145	15,700	16,396
New York .....	24,354	20,792	21,796	22,051	23,316	21,530	24,214	22,392
Oregon .....	1,460	1,053	1,084	1,129	986	1,394	988	1,257
Pennsylvania .....	191	181	249	205	241	270	235	224
Other States <sup>1</sup> .....	88,343	83,855	85,690	85,618	88,304	86,512	86,673	86,812
United States .....	130,634	121,202	124,862	125,765	128,595	123,851	127,810	127,081
Atlantic .....	26,872	23,372	24,297	24,609	26,113	24,032	26,980	24,989
Central .....	69,196	65,933	66,689	67,118	69,327	67,547	68,285	67,540
West .....	34,566	31,897	33,876	34,038	33,155	32,272	32,545	34,552

State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	14,518	17,547	15,973	16,929	191,368	15	198,256	16
New York .....	23,073	25,243	23,904	24,760	277,425	14	274,864	14
Oregon .....	1,345	1,687	1,364	1,340	15,087	5	14,658	5
Pennsylvania .....	231	200	206	216	2,649	6	2,349	6
Other States <sup>1</sup> .....	82,541	95,756	93,250	96,922	1,060,276	52	1,032,473	56
United States .....	121,708	140,433	134,697	140,167	1,546,805	92	1,522,600	97
Atlantic .....	25,592	28,251	26,521	27,461	309,089	27	306,806	29
Central .....	64,787	73,426	72,588	74,837	827,273	36	811,688	38
West .....	31,329	38,756	35,588	37,869	410,443	29	404,106	30

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

## Butter Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	65,004	60,500	65,808	63,228	63,899	54,022	49,675	49,996
Pennsylvania .....	8,980	7,826	7,750	7,858	7,540	5,266	5,250	5,731
Other States <sup>1</sup> .....	143,097	129,476	137,206	136,704	133,367	108,736	109,149	104,488
United States .....	217,081	197,802	210,764	207,790	204,806	168,024	164,074	160,215
Atlantic .....	19,995	17,487	17,054	17,039	15,921	11,102	9,912	11,294
Central .....	87,020	78,962	83,561	84,596	81,771	67,001	66,180	60,993
West .....	110,066	101,353	110,149	106,155	107,114	89,921	87,982	87,928
State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	49,568	48,665	45,024	51,322	666,711	10	680,240	10
Pennsylvania .....	4,051	6,725	6,819	7,247	81,043	8	86,862	6
Other States <sup>1</sup> .....	106,958	113,299	124,173	141,185	1,487,838	79	1,344,405	77
United States .....	160,577	168,689	176,016	199,754	2,235,592	97	2,111,507	93
Atlantic .....	10,055	13,987	14,027	16,972	174,845	41	170,715	40
Central .....	62,890	68,142	75,376	85,507	901,999	37	822,298	34
West .....	87,632	86,560	86,613	97,275	1,158,748	19	1,118,494	19

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

**Yogurt (Plain and Flavored) Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	17,309	18,677	18,101	18,665	18,865	16,906	19,135	20,607
New York .....	78,369	83,771	84,581	82,883	83,995	76,908	84,329	81,214
Other States <sup>1</sup> .....	303,667	295,296	326,769	315,818	299,571	300,228	300,033	322,456
United States .....	399,345	397,744	429,451	417,366	402,431	394,042	403,497	424,277
Atlantic .....	130,005	128,861	135,446	134,178	132,882	125,130	130,946	126,494
Central .....	168,666	170,363	189,578	168,874	162,938	166,212	164,951	181,866
West .....	100,674	98,520	104,427	114,314	106,611	102,700	107,600	115,917
State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	19,261	19,574	16,095	16,395	219,590	13	223,178	15
New York .....	81,214	87,966	79,851	76,425	981,506	37	891,534	36
Other States <sup>1</sup> .....	331,279	311,451	288,076	283,652	3,678,296	105	3,475,819	104
United States .....	431,754	418,991	384,022	376,472	4,879,392	155	4,590,531	155
Atlantic .....	138,193	136,899	135,497	123,789	1,578,320	86	1,433,203	82
Central .....	181,153	174,672	153,412	154,221	2,036,906	40	1,987,963	41
West .....	112,408	107,420	95,113	98,462	1,264,166	29	1,169,365	32

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

**Unsweetened Condensed Skim Milk Bulk Production by Month – States, United States, and Regions:  
2024 and Total 2023-2024**

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
California .....	9,342	8,913	12,062	12,193	12,589	11,312	12,049	11,676
New York .....	5,491	5,744	5,263	4,791	7,982	6,960	5,174	5,373
Other States <sup>1</sup> .....	101,742	96,612	108,198	117,918	116,209	111,119	101,671	95,364
United States .....	116,575	111,269	125,523	134,902	136,780	129,391	118,894	112,413
Atlantic .....	38,085	39,268	44,817	45,954	49,787	48,510	45,484	44,201
Central .....	57,705	52,201	61,839	65,564	62,550	59,335	48,866	42,680
West .....	20,785	19,800	18,867	23,384	24,443	21,546	24,544	25,532
State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(number)	(1,000 pounds)	(number)
California .....	10,496	11,865	10,287	9,226	132,010	5	108,447	5
New York .....	4,954	5,294	5,049	5,495	67,570	5	78,846	5
Other States <sup>1</sup> .....	88,067	94,060	84,416	94,505	1,209,881	30	1,237,637	27
United States .....	103,517	111,219	99,752	109,226	1,409,461	40	1,424,930	37
Atlantic .....	38,636	42,129	37,475	40,728	515,074	13	474,714	12
Central .....	43,593	43,480	40,825	46,838	625,476	15	630,534	13
West .....	21,288	25,610	21,452	21,660	268,911	12	319,682	12

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

**Nonfat Dry Milk (Human) Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January (1,000 pounds)	February (1,000 pounds)	March (1,000 pounds)	April (1,000 pounds)	May (1,000 pounds)	June (1,000 pounds)	July (1,000 pounds)	August (1,000 pounds)
California .....	63,034	73,249	91,886	79,057	71,332	42,637	46,866	50,611
Pennsylvania .....	10,922	10,658	11,635	12,483	13,137	10,254	7,723	9,722
Other States <sup>1</sup> .....	65,076	63,193	81,325	82,371	83,257	74,718	66,361	54,570
United States .....	139,032	147,100	184,846	173,911	167,726	127,609	120,950	114,903
Atlantic .....	23,227	22,117	26,115	27,458	28,740	26,169	19,472	21,379
Central .....	28,427	27,242	39,441	37,638	39,364	34,712	31,399	20,478
West .....	87,378	97,741	119,290	108,815	99,622	66,728	70,079	73,046
State and region	2024						2023	
	September (1,000 pounds)	October (1,000 pounds)	November (1,000 pounds)	December (1,000 pounds)	Total (1,000 pounds)	Plants (number)	Total (1,000 pounds)	Plants (number)
California .....	43,494	46,178	42,527	46,905	697,776	10	786,857	9
Pennsylvania .....	9,055	10,143	10,800	12,540	129,072	3	169,611	3
Other States <sup>1</sup> .....	64,508	68,348	66,810	71,270	841,807	30	911,927	35
United States .....	117,057	124,669	120,137	130,715	1,668,655	43	1,868,395	47
Atlantic .....	16,316	19,909	20,725	25,598	277,225	10	322,313	11
Central .....	26,920	32,444	32,588	33,062	383,715	12	395,744	14
West .....	73,821	72,316	66,824	72,055	1,007,715	21	1,150,338	22

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

**Dry Whey (Human) Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January (1,000 pounds)	February (1,000 pounds)	March (1,000 pounds)	April (1,000 pounds)	May (1,000 pounds)	June (1,000 pounds)	July (1,000 pounds)	August (1,000 pounds)
New York .....	11,853	11,138	11,560	10,990	12,444	11,667	10,966	11,621
Wisconsin .....	24,020	21,150	25,834	21,782	23,257	24,407	20,349	18,027
Other States <sup>1</sup> .....	37,570	33,948	37,079	42,481	26,709	31,982	31,459	31,210
United States .....	73,443	66,236	74,473	75,253	62,410	68,056	62,774	60,858
Atlantic .....	21,890	17,917	21,069	21,079	22,749	20,957	18,962	21,239
Central .....	33,666	35,383	39,954	40,705	32,890	33,187	29,744	26,920
West .....	17,887	12,936	13,450	13,469	6,771	13,912	14,068	12,699
State and region	2024						2023	
	September (1,000 pounds)	October (1,000 pounds)	November (1,000 pounds)	December (1,000 pounds)	Total (1,000 pounds)	Plants (number)	Total (1,000 pounds)	Plants (number)
New York .....	10,700	10,476	9,724	8,802	131,941	5	130,069	5
Wisconsin .....	23,840	21,756	23,244	25,788	273,454	8	254,489	8
Other States <sup>1</sup> .....	30,638	30,469	28,457	30,788	392,790	15	500,532	16
United States .....	65,178	62,701	61,425	65,378	798,185	28	885,090	29
Atlantic .....	19,561	19,773	18,909	18,766	242,871	9	250,199	9
Central .....	32,335	30,920	32,102	35,344	403,150	13	437,236	13
West .....	13,282	12,008	10,414	11,268	152,164	6	197,655	7

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

## Ice Cream, Regular (Hard) Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Contains minimum milkfat content of 10 percent and not less than 4.5 pounds per gallon]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
California .....	6,060	6,316	7,248	8,502	8,617	7,995	8,459	8,254
Connecticut .....	899	916	813	792	879	924	789	713
New York .....	1,862	1,916	2,142	2,427	2,249	2,212	2,563	2,257
Ohio .....	2,091	2,146	2,004	2,378	2,335	2,474	2,486	2,480
Pennsylvania .....	2,803	2,411	2,102	2,103	2,715	3,174	3,281	3,684
Utah .....	1,372	1,694	1,608	1,885	1,913	1,977	1,776	1,603
Wisconsin .....	911	853	1,054	960	996	1,036	1,199	1,093
Other States <sup>1</sup> .....	36,016	42,608	48,577	45,608	47,398	47,767	45,993	49,843
United States .....	52,014	58,860	65,548	64,655	67,102	67,559	66,546	69,927
Atlantic .....	10,676	10,635	12,414	12,191	13,055	13,504	14,734	14,378
Central .....	30,806	36,688	40,247	38,271	39,647	40,199	38,199	41,718
West .....	10,532	11,537	12,887	14,193	14,400	13,856	13,613	13,831

State and region	2024					2023		
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(number)	(1,000 gallons)	(number)
California .....	6,579	6,528	5,695	4,154	84,407	22	75,926	21
Connecticut .....	751	277	589	705	9,047	15	15,571	17
New York .....	1,960	1,979	1,224	1,210	24,001	27	25,377	26
Ohio .....	2,351	2,504	1,903	2,067	27,219	30	26,140	30
Pennsylvania .....	4,119	4,317	3,773	3,399	37,881	37	33,247	34
Utah .....	1,543	1,406	1,072	929	18,778	7	17,306	7
Wisconsin .....	882	737	714	556	10,991	30	10,506	30
Other States <sup>1</sup> .....	40,886	45,034	35,884	38,742	524,356	222	504,122	225
United States .....	59,071	62,782	50,854	51,762	736,680	390	708,195	390
Atlantic .....	13,994	13,551	12,116	11,288	152,536	192	152,358	195
Central .....	33,747	37,902	29,634	32,445	439,503	149	424,204	147
West .....	11,330	11,329	9,104	8,029	144,641	49	131,633	48

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

**Ice Cream Mix, Regular Production by Month – States, United States, and Regions: 2024 and Total 2023-2024**

State and region	2024								
	January	February	March	April	May	June	July	August	
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	
California .....	4,350	4,603	5,360	5,993	6,181	5,903	6,154	5,961	
Connecticut .....	975	952	1,157	1,272	1,130	1,057	1,201	781	
Illinois .....	3,226	2,568	2,713	2,805	3,053	2,989	3,125	2,899	
Missouri .....	165	1,231	1,098	1,191	1,222	1,236	1,339	1,318	
New York .....	1,086	1,126	1,306	1,514	1,518	1,400	1,554	1,400	
Ohio .....	1,105	1,125	1,088	1,279	1,286	1,351	1,441	1,395	
Oregon .....	779	839	930	818	889	1,015	1,055	1,042	
Pennsylvania .....	1,932	1,835	1,793	1,631	1,903	2,140	2,198	2,503	
Utah .....	854	1,236	1,047	1,152	1,166	1,012	1,101	1,148	
Other States <sup>1</sup> .....	19,400	22,303	25,300	24,723	25,530	26,129	25,776	26,623	
United States .....	33,872	37,818	41,792	42,378	43,878	44,232	44,944	45,070	
Atlantic .....	8,005	8,158	9,307	10,129	9,861	10,210	11,167	10,570	
Central .....	18,456	21,347	23,540	22,748	23,971	24,251	23,844	24,595	
West .....	7,411	8,313	8,945	9,501	10,046	9,771	9,933	9,905	
State and region	2024					2023			
	September	October	November	December	Total	Plants	Total	Plants	
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(number)	(1,000 gallons)	(number)	
California .....	4,735	4,507	4,020	3,186	60,953	22	56,793	22	
Connecticut .....	762	458	900	763	11,408	8	11,752	8	
Illinois .....	2,629	2,732	2,363	2,257	33,359	8	31,257	9	
Missouri .....	1,102	1,220	843	1,178	13,143	5	14,385	5	
New York .....	1,193	1,156	732	724	14,709	14	15,565	13	
Ohio .....	1,317	1,331	1,003	1,094	14,815	17	13,969	16	
Oregon .....	864	949	664	673	10,517	7	10,110	6	
Pennsylvania .....	2,598	2,653	2,272	2,578	26,036	24	18,544	21	
Utah .....	979	873	646	647	11,861	5	11,862	5	
Other States <sup>1</sup> .....	21,601	23,485	19,409	19,970	280,249	143	270,216	144	
United States .....	37,780	39,364	32,852	33,070	477,050	253	454,453	249	
Atlantic .....	9,821	9,506	8,430	8,172	113,336	92	102,747	92	
Central .....	20,040	22,286	18,194	19,291	262,563	108	253,203	105	
West .....	7,919	7,572	6,228	5,607	101,151	53	98,503	52	

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

## Ice Cream, Lowfat (Total) Production by Month – States, United States and Regions: 2024 and Total 2023-2024

[Includes hard, soft-serve, and freezer-made milkshake. Contains less than 10 percent milkfat required for ice cream]

State and region	2024						
	January	February	March	April	May	June	July
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
California .....	2,844	3,032	3,094	2,955	3,249	3,131	3,484
Illinois .....	1,569	1,369	1,404	1,553	1,621	1,501	1,382
Pennsylvania .....	984	987	964	1,037	919	1,089	1,089
Other States <sup>1</sup> .....	21,712	29,471	33,437	33,253	33,857	33,822	32,404
United States .....	27,109	34,859	38,899	38,798	39,646	39,543	38,359
Atlantic .....	6,313	7,155	7,956	8,685	7,545	7,475	8,080
Central .....	16,621	23,253	26,192	25,667	27,120	27,068	25,602
West .....	4,175	4,451	4,751	4,446	4,981	5,000	4,677
State and region	2024						2023
	August	September	October	November	December	Total	Total
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
California .....	3,047	2,001	2,424	1,752	1,498	32,511	33,932
Illinois .....	1,391	1,178	1,072	929	572	15,541	16,422
Pennsylvania .....	1,345	1,388	1,517	1,393	1,012	13,724	9,101
Other States <sup>1</sup> .....	33,418	27,211	27,874	21,622	21,931	350,012	381,513
United States .....	39,201	31,778	32,887	25,696	25,013	411,788	440,968
Atlantic .....	7,967	7,131	7,125	6,387	5,800	87,619	95,019
Central .....	26,394	21,672	21,982	16,545	16,630	274,746	293,242
West .....	4,840	2,975	3,780	2,764	2,583	49,423	52,707

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

## Ice Cream Mix, Lowfat Production by Month – States, United States, and Regions: 2024 and Total 2023-2024

[Includes milkshake mix]

State and region	2024							
	January (1,000 gallons)	February (1,000 gallons)	March (1,000 gallons)	April (1,000 gallons)	May (1,000 gallons)	June (1,000 gallons)	July (1,000 gallons)	August (1,000 gallons)
California .....	1,334	1,494	1,496	1,526	1,600	1,577	1,732	1,539
Ohio .....	378	332	443	645	716	629	539	546
Pennsylvania .....	564	627	692	712	699	752	720	877
Other States <sup>1</sup> .....	12,066	16,001	18,168	18,968	19,554	19,259	19,394	18,618
United States .....	14,342	18,454	20,799	21,851	22,569	22,217	22,385	21,580
Atlantic .....	3,317	3,614	4,180	4,483	3,885	3,746	4,122	3,969
Central .....	9,001	12,660	14,297	14,995	16,154	15,946	15,711	15,062
West .....	2,024	2,180	2,322	2,373	2,530	2,525	2,552	2,549
State and region	2024					2023		
	September (1,000 gallons)	October (1,000 gallons)	November (1,000 gallons)	December (1,000 gallons)	Total (1,000 gallons)	Plants (number)	Total (1,000 gallons)	Plants (number)
California .....	1,097	1,344	981	851	16,571	17	18,274	15
Ohio .....	336	328	246	203	5,341	10	5,698	10
Pennsylvania .....	849	824	750	551	8,617	12	6,551	9
Other States <sup>1</sup> .....	15,500	15,119	12,027	11,603	196,277	91	206,674	97
United States .....	17,782	17,615	14,004	13,208	226,806	130	237,197	131
Atlantic .....	3,625	3,505	3,149	2,625	44,220	32	43,985	35
Central .....	12,265	11,784	9,151	9,006	156,032	60	163,501	60
West .....	1,892	2,326	1,704	1,577	26,554	38	29,711	36

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

**Sherbet (Hard) Production by Month – United States and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
United States .....	1,700	1,495	1,750	1,774	1,793	1,756	1,848	2,167
Atlantic .....	262	260	334	313	413	329	415	370
Central .....	1,171	931	1,129	1,123	1,003	1,058	1,037	1,437
West .....	267	304	287	338	377	369	396	360
State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(number)	(1,000 gallons)	(number)
United States .....	1,710	1,592	1,316	1,448	20,349	105	21,193	110
Atlantic .....	379	346	292	333	4,046	38	4,450	43
Central .....	1,068	1,015	838	1,004	12,814	44	13,433	44
West .....	263	231	186	111	3,489	23	3,310	23

**Sherbet Mix Production by Month – States, United States and Regions: 2024 and Total 2023-2024**

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
California .....	68	80	69	87	92	95	85	99
Ohio .....	81	118	119	94	105	127	102	96
Pennsylvania .....	75	68	46	38	47	60	71	88
Utah .....	62	75	70	73	79	80	75	55
Other States <sup>1</sup> .....	1,120	976	1,104	1,286	1,101	1,194	1,193	1,269
United States .....	1,406	1,317	1,408	1,578	1,424	1,556	1,526	1,607
Atlantic .....	376	323	258	201	294	237	316	256
Central .....	824	736	912	1,143	832	1,026	899	1,038
West .....	206	258	238	234	298	293	311	313
State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(number)	(1,000 gallons)	(number)
California .....	58	24	15	22	794	8	702	8
Ohio .....	95	74	60	83	1,154	6	1,297	7
Pennsylvania .....	59	72	88	70	782	6	710	6
Utah .....	88	68	27	28	780	4	806	5
Other States <sup>1</sup> .....	1,018	1,117	801	862	13,041	56	14,285	58
United States .....	1,318	1,355	991	1,065	16,551	80	17,800	84
Atlantic .....	232	220	187	219	3,119	25	3,389	27
Central .....	856	972	679	757	10,674	34	11,747	35
West .....	230	163	125	89	2,758	21	2,664	22

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

## Frozen Yogurt Mix Production by Month – United States and Regions: 2024 and Total 2023-2024

State and region	2024						
	January	February	March	April	May	June	July
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
United States .....	1,647	1,840	1,870	1,866	1,727	1,802	1,805
Atlantic .....	225	183	222	218	336	265	337
Central .....	934	922	860	990	755	819	684
West .....	488	735	788	658	636	718	784
State and region	2024						2023
	August	September	October	November	December	Total	Total
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
United States .....	1,926	1,598	2,035	1,601	1,946	21,663	23,676
Atlantic .....	223	223	218	242	245	2,937	2,995
Central .....	896	806	971	733	966	10,336	11,794
West .....	807	569	846	626	735	8,390	8,887

## Water and Juice Ices Production by Month – United States and Regions: 2024 and Total 2023-2024

[Does not include counter-freezer production]

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
United States .....	4,077	5,104	5,752	5,678	6,363	6,620	6,631	6,175
Atlantic .....	1,920	2,340	2,745	2,891	3,534	3,686	4,036	3,603
Central .....	1,434	1,956	2,025	1,858	1,835	2,015	1,628	1,516
West .....	723	808	982	929	994	919	967	1,056
State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(number)	(1,000 gallons)	(number)
United States .....	4,918	4,831	4,527	3,883	64,559	91	71,688	97
Atlantic .....	2,739	2,271	2,205	1,688	33,658	40	32,927	47
Central .....	1,387	1,657	1,554	1,690	20,555	36	27,571	35
West .....	792	903	768	505	10,346	15	11,190	15

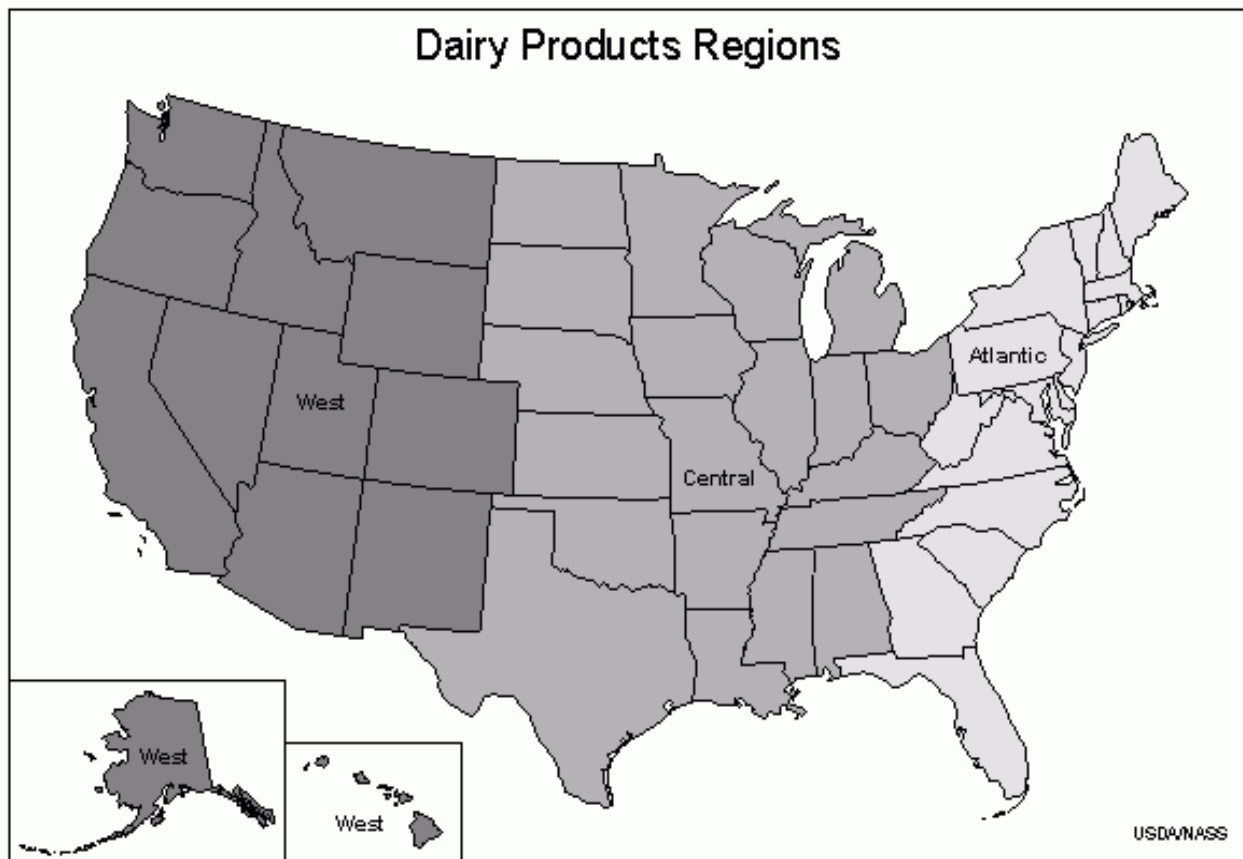
## Other Frozen Dairy Products Production by Month – United States and Regions: 2024 and Total 2023-2024

State and region	2024							
	January	February	March	April	May	June	July	August
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)
United States .....	763	836	1,279	1,176	1,319	1,397	1,120	1,579
Atlantic .....	206	195	284	299	325	375	406	472
Central .....	414	570	847	844	881	815	622	937
West .....	143	71	148	33	113	207	92	170
State and region	2024						2023	
	September	October	November	December	Total	Plants	Total	Plants
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(number)	(1,000 gallons)	(number)
United States .....	1,039	1,102	925	854	13,389	45	13,291	50
Atlantic .....	356	442	357	192	3,909	23	4,568	26
Central .....	621	520	511	564	8,146	17	7,428	18
West .....	62	140	57	98	1,334	5	1,295	6

**Dairy Plants Manufacturing One or More Dairy Products – States, United States, and Regions: 2020-2024**

State and	2020	2021	2022	2023	2024
	(number)	(number)	(number)	(number)	(number)
Alabama .....	4	4	4	5	5
Alaska .....	-	-	-	-	-
Arizona .....	8	8	8	8	8
Arkansas .....	1	1	1	1	1
California .....	110	100	101	97	94
Colorado .....	8	7	7	7	7
Connecticut .....	28	28	27	27	25
Delaware .....	7	7	7	7	6
Florida .....	51	48	50	47	45
Georgia .....	5	6	5	5	6
Hawaii .....	6	6	6	6	6
Idaho .....	17	17	17	17	18
Illinois .....	27	31	24	28	20
Indiana .....	20	21	19	18	18
Iowa .....	26	26	29	28	29
Kansas .....	7	7	7	7	8
Kentucky .....	14	13	14	14	14
Louisiana .....	2	2	2	2	2
Maine .....	23	22	22	21	21
Maryland .....	12	12	12	11	10
Massachusetts .....	34	32	31	32	29
Michigan .....	48	47	47	49	48
Minnesota .....	28	28	28	31	33
Mississippi .....	1	1	1	1	1
Missouri .....	11	11	10	11	11
Montana .....	8	8	8	8	8
Nebraska .....	7	7	7	7	7
Nevada .....	4	4	4	4	4
New Hampshire .....	11	11	11	11	11
New Jersey .....	48	50	48	49	51
New Mexico .....	6	6	6	6	6
New York .....	124	119	120	120	112
North Carolina .....	16	15	13	13	12
North Dakota .....	2	2	2	2	2
Ohio .....	62	63	62	62	61
Oklahoma .....	4	4	4	4	4
Oregon .....	17	17	17	17	17
Pennsylvania .....	81	80	80	86	91
Rhode Island .....	4	4	4	4	4
South Carolina .....	2	2	3	3	3
South Dakota .....	9	9	10	10	10
Tennessee .....	11	11	11	8	8
Texas .....	32	33	32	33	33
Utah .....	20	18	18	18	18
Vermont .....	54	49	50	47	43
Virginia .....	4	4	5	5	5
Washington .....	10	10	10	10	10
West Virginia .....	2	2	2	2	2
Wisconsin .....	195	188	198	197	196
Wyoming .....	-	-	-	-	-
United States .....	1,231	1,201	1,204	1,206	1,183
Atlantic .....	506	491	490	490	476
Central .....	511	509	512	518	511
West .....	214	201	202	198	196

- Represents zero.



**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 2024, 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](mailto:nass@usda.gov).

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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).

If you have specific questions you would like an expert to respond to, please visit our “Ask A Specialist” website at [www.nass.usda.gov/Contact\\_Us/Ask\\_a\\_Specialist](http://www.nass.usda.gov/Contact_Us/Ask_a_Specialist).

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Spring 2025

# USDA Data Users' Meeting

April 29

12 p.m. ET on Zoom



## USDA Spring Data Users' Meeting

**Virtual Meeting**

**April 29, 2025**

**Starting at 12:00 pm ET**

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. NASS is organizing the 2025 Spring Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Representatives will provide agency updates, answer questions, and listen to concerns from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/go/data\\_users](https://www.nass.usda.gov/go/data_users)).