



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



Statistical
Bulletin
Number 960

Milk Disposition and Income

Final Estimates 1993-97

USDA



Milk Disposition and Income: Final Estimates by State, 1993-97, U.S. Department of Agriculture, Agricultural Statistics Board, National Agricultural Statistics Service, Statistical Bulletin No. 960.

Introduction: This bulletin presents final estimates, including revisions made by the Agricultural Statistics Board (ASB), for the production years 1993 through 1997. The disposition and income from milk production for 1993-1997 were published during calendar years 1994-1998. Data included in this publication provide a historic record and a benchmark for current estimates. Number of milk cows, production per cow, total production, and annual estimates of number of operations with milk cows were published in Statistical Bulletin No. 952.

Procedures: Revisions were made after a thorough review of the original survey data and all additional data now available, including the 1997 Census of Agriculture. Other data series considered included Federal Milk Market Orders, receipts of milk by plants and dealers, and any other available administrative information. The 1993-1997 estimates shown herein are considered final and will not be revised again.

At the National level, revisions to estimates of milk production and annual number of milk cows were less than one percent.

Year	U. S. Annual Total Milk Production			U. S. Annual Cash Receipts for Marketings		
	From (000)	To (000)	Change %	From (000)	To (000)	Change %
1997	156,602	156,091	-0.3	20,997,382	20,936,726	-0.3
1996	154,259	154,006	-0.2	22,820,300	22,781,435	-0.2
1995	155,425	155,292	-0.1	19,893,608	19,876,353	-0.1
1994	153,664	153,602	-	19,935,160	19,980,583	+0.2
1993	150,582	150,636	-	19,242,550	19,258,442	+0.1
1992	150,847	150,847	-	19,740,655	19,740,655	-

Historic Estimates: Final estimates of Milk Disposition and Income in earlier years are available in Statistical Bulletins No. 909 for 1988-92, No. 802 for 1983-87, No. 722 for 1979-82, No. 651 for 1975-78, No. 591 for 1970-74, No. 509 for 1965-69, No. 390 for 1960-64, No. 282 for 1955-59, and No. 289 for 1930-59.

Other Statistical Bulletins: The National Agricultural Statistics Service will issue a series of twenty bulletins in 1998-99 containing final estimates for agricultural commodities based on the review of the 1997 Census of Agriculture and other information. The product number, bulletin title, and tentative release dates are as follows.

NASS-SB944	Chickens and Eggs - Final Estimates 1994-97	12/10/98
NASS-SB945	Turkeys - Final Estimates 1994-97	12/17/98
NASS-SB947	Field Crops - Final Estimates 1992-97	12/18/98
NASS-SB948	Stocks of Grains, Oilseeds, and Hay - Final Estimates 1993-98	12/18/98
NASS-SB949	Rice Stocks - Final Estimates 1993-98	12/21/98
NASS-SB950	Noncitrus Fruits and Nuts - Final Estimates 1992-97	12/21/98
NASS-SB951	Hogs and Pigs - Final Estimates 1993-97	12/22/98
NASS-SB946	Vegetables - Final Estimates 1992-97	01/11/99
NASS-SB952	Milk Cows and Production - Final Estimates 1993-97	01/19/99
NASS-SB953	Cattle - Final Estimates 1994-98	01/19/99
NASS-SB954	Sheep and Goats - Final Estimates 1994-98	01/19/99
NASS-SB955	Farms and Land in Farms - Final Estimates 1993-97	01/19/99
NASS-SB956	Honey - Final Estimates 1993-97	02/09/99
NASS-SB957	Agricultural Land Values - Final Estimates 1994-98	03/12/99
NASS-SB958	Poultry Production and Value - Final Estimates 1994-97	03/15/99
NASS-SB959	Meat Animals, PDI - Final Estimates 1993-97	05/21/99
NASS-SB960	Milk Disposition and Income - Final Estimates 1993-97	05/21/99
NASS-SB961	Citrus Fruits - Final Estimates 1992-97	Aug. 99
NASS-SB962	Potatoes and Sweet Potatoes - Final Estimates 1992-97	Aug. 99
NASS-SB963	Crop Values - Final Estimates 1992-97	Oct. 99

Electronic Publications: These bulletins will be available **FREE OF CHARGE** on the Internet from the NASS Home Page at: <http://www.usda.gov/nass/>, in either text or PDF format. From the Homepage select "Historic Data," then "Statistical Bulletins."

Internet Published Estimates Data Base: Selected historical State and U.S. information is now available in an online data base via the Internet **free of charge**. County information will be available by mid 1999. The database allows custom extracts based on commodity, year, state and other selection criteria and produces an output file compatible for updating databases and spreadsheets. The database can be accessed from the NASS Home Page at: <http://www.usda.gov/nass/>.

Printed Copies: Printed copies of the bulletins may be ordered by calling the Sales Order Desk toll free at 1-800-999-6779. Costs for printed copies of the publications range from \$15.00 to \$20.00. Visa, MasterCard, check, or money order are acceptable for payment.

Agricultural Census Publications: The Volume 1, Geographic Area Series publication containing the United States Summary provides National data and selected data for each State. Separate State reports present statistics for the entire State and each county. Census reports cover the 1997 production year, with comparative data for earlier census years. The 1997 Census of Agriculture Geographic Area Series products, including all manipulable data files and Adobe Acrobat (PDF) files of the printed reports, will be available on March 20, 1999 via the Internet at <http://www.usda.gov/nass/>. The information is also available on CD-ROM, and in printed publications. Printed copies of the Census publications and CD-ROM's may be ordered by calling the Sales Order Desk toll free at 1-800-999-6779.

Assistance: For more information pertaining to this bulletin, call Livestock and Economics Branch at (202) 720-3570. For assistance with general agricultural statistics or further information about NASS or its products and services, contact the **Agricultural Statistics Hotline** at **1-800-727-9540**, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C., 20250-9410, or call 202-720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

**Milk Cows and Production of Milk and Milkfat:
United States, 1993-97 ¹**

Year	Number of Milk Cows ²	Production of Milk and Milkfat ³				
		Per Milk Cow		Percentage of Fat in All Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
1993	9,581	15,722	576	3.66	150,636	5,516.8
1994	9,494	16,179	592	3.66	153,602	5,621.4
1995	9,466	16,405	600	3.66	155,292	5,681.3
1996	9,372	16,433	606	3.69	154,006	5,678.8
1997	9,252	16,871	617	3.66	156,091	5,705.9

¹ May not add due to rounding.

² Average number during year, excluding heifers not yet fresh.

³ Excludes milk sucked by calves.

**Milk Used and Marketed by Producers:
United States, 1993-97 ¹**

Year	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves ²	Used for Milk, Cream and Butter	Total	Sold to Plants and Dealers	Sold Directly to Consumers ⁴	Total
				As Whole Milk ³		
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
1993	1,330	415	1,745	147,933	958	148,891
1994	1,267	390	1,657	150,678	1,266	151,944
1995	1,216	340	1,556	152,442	1,294	153,737
1996	1,175	301	1,476	151,232	1,299	152,531
1997	1,138	256	1,394	153,405	1,292	154,697

¹ May not add due to rounding.

² Excludes milk sucked by calves.

³ Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also includes equivalent amounts of milk for cream sold to plants and dealers.

⁴ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

**Milk Marketed by Producers: Quantity, Price,
and Cash Receipts, United States, 1993-97 ¹**

Year	Milk Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Price per 100 Lb	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Qt</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
1993	147,933	12.84	18,998,047	445,674	0.584	260,395
1994	150,678	13.01	19,606,089	588,930	0.636	374,494
1995	152,442	12.78	19,487,042	601,953	0.647	389,311
1996	151,232	14.75	22,307,546	604,279	0.784	473,889
1997	153,405	13.36	20,496,289	601,023	0.733	440,437

¹ May not add due to rounding.

**Marketings, Income, and Value of Milk Production:
United States, 1993-97 ¹**

Year	Combined Marketings of Milk and Cream			
	Milk Utilized	Average Returns ²		Cash Receipts from Marketings
		Per 100 Pounds of Milk	Per Pound of Milkfat	
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
1993	148,891	12.93	3.53	19,258,442
1994	151,944	13.15	3.59	19,980,583
1995	153,737	12.93	3.53	19,876,353
1996	152,531	14.94	4.05	22,781,435
1997	154,697	13.53	3.70	20,936,726
	Combined Marketings of Milk and Cream			
	Used for Milk, Cream and Butter Where Produced		Gross Producers Income ⁴	Value of All Milk Produced ^{3 5}
	Milk Utilized	Value ³		
	<i>Mil Lbs</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
1993	415	54,699	19,313,144	19,487,104
1994	390	52,378	20,032,961	20,201,639
1995	340	44,522	19,920,875	20,079,217
1996	301	45,304	22,826,739	23,002,715
1997	256	34,854	20,971,580	21,125,886

¹ May not add due to rounding.

² Cash receipts divided by milk for milkfat represented in combined marketings.

³ Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

⁴ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.

⁵ Includes value of milk fed to calves.

**Milk Cows and Production of Milk and Milkfat: By State
and United States, 1993¹**

State	Number of Milk Cows ²	Production of Milk and Milkfat ³				
		Per Milk Cow		Percentage of Fat in All Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	39	13,205	467	3.54	515	18.2
AK	0.7	17,000	571	3.36	11.90	0.4
AZ	102	18,392	668	3.63	1,876	68.1
AR	63	12,206	431	3.53	769	27.1
CA	1,216	18,852	690	3.66	22,924	839.0
CO	80	18,175	660	3.63	1,454	52.8
CT	34	15,971	578	3.62	543	19.7
DE	10.0	14,660	535	3.65	146.6	5.4
FL	178	14,371	497	3.46	2,558	88.5
GA	101	15,198	536	3.53	1,535	54.2
HI	10.9	13,028	434	3.33	142.0	4.7
ID	189	17,085	618	3.62	3,229	116.9
IL	164	15,329	566	3.69	2,514	92.8
IN	144	15,660	576	3.68	2,255	83.0
IA	264	15,356	564	3.67	4,054	148.8
KS	81	13,333	483	3.62	1,080	39.1
KY	179	11,844	425	3.59	2,120	76.1
LA	79	11,835	421	3.56	935	33.3
ME	42	15,786	571	3.62	663	24.0
MD	97	14,433	527	3.65	1,400	51.1
MA	31	15,419	574	3.72	478	17.8
MI	330	16,470	600	3.64	5,435	197.8
MN	635	15,265	566	3.71	9,693	359.6
MS	59	12,627	460	3.64	745	27.1
MO	209	13,589	491	3.61	2,840	102.5
MT	22	13,955	495	3.55	307	10.9
NE	82	13,720	508	3.70	1,125	41.6
NV	20	17,400	619	3.56	348	12.4
NH	21	15,476	577	3.73	325	12.1
NJ	25	14,520	529	3.64	363	13.2
NM	136	20,338	728	3.58	2,766	99.0
NY	727	15,702	573	3.65	11,415	416.6
NC	95	15,768	568	3.60	1,498	53.9
ND	71	12,930	473	3.66	918	33.6
OH	305	15,148	559	3.69	4,620	170.5
OK	96	13,094	469	3.58	1,257	45.0
OR	100	16,920	621	3.67	1,692	62.1
PA	640	15,908	581	3.65	10,181	371.6
RI	2.3	14,000	507	3.62	32.2	1.2
SC	29	14,414	519	3.60	418	15.0
SD	125	12,952	481	3.71	1,619	60.1
TN	154	12,318	439	3.56	1,897	67.5
TX	394	15,000	531	3.54	5,910	209.2
UT	81	16,444	592	3.60	1,332	48.0
VT	162	15,457	581	3.76	2,504	94.2
VA	132	15,114	538	3.56	1,995	71.0
WA	257	19,377	711	3.67	4,980	182.8
WV	23	11,957	439	3.67	275	10.1
WI	1,543	14,805	560	3.78	22,844	863.5
WY	7.3	13,658	508	3.72	99.7	3.7
US	9,581	15,722	576	3.66	150,636	5,516.8

¹ May not add due to rounding.

² Average number during year, excluding heifers not yet fresh.

³ Excludes milk sucked by calves.

Milk Used and Marketed by Producers: By State and United States, 1993

State	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Sold to Plants and Dealers ²	Sold Directly to Consumers ^{3 4}	Total
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	3	1	4	511		511
AK	0.4	0.2	0.6	11.1	0.2	11.3
AZ	5	1	6	1,870		1,870
AR	15	7	22	747		747
CA	26	4	30	22,675	219	22,894
CO	46	15	61	1,353	40	1,393
CT	6	1	7	527	9	536
DE	1.0		1.0	145.6		145.6
FL	4	1	5	2,553		2,553
GA	4	1	5	1,530		1,530
HI	2.4	1.1	3.5	138.5		138.5
ID	44	5	49	3,180		3,180
IL	25	5	30	2,484		2,484
IN	40	10	50	2,205		2,205
IA	65	35	100	3,954		3,954
KS	13	2	15	1,065		1,065
KY	50	25	75	2,045		2,045
LA	9	6	15	920		920
ME	8	2	10	645	8	653
MD	7	3	10	1,390		1,390
MA	7	1	8	452	18	470
MI	65	11	76	5,340	19	5,359
MN	94	19	113	9,580		9,580
MS	2	3	5	740		740
MO	40	12	52	2,788		2,788
MT	8	7	15	290	2	292
NE	25	10	35	1,090		1,090
NV	4	1	5	343		343
NH	4	1	5	320		320
NJ	3	1	4	359		359
NM	8	8	16	2,712	38	2,750
NY	143	48	191	11,196	28	11,224
NC	17	14	31	1,467		1,467
ND	20	3	23	895		895
OH	20	15	35	4,585		4,585
OK	10	4	14	1,243		1,243
OR	24	6	30	1,600	62	1,662
PA	70	30	100	9,826	255	10,081
RI	0.3		0.3	31.9		31.9
SC	5	1	6	405	7	412
SD	10	3	13	1,606		1,606
TN	15	2	148	1,880		1,880
TX	36	4	40	5,870		5,870
UT	22	3	25	1,259	48	1,307
VT	23	5	28	2,470	6	2,476
VA	16	4	20	1,975		1,975
WA	25	4	29	4,755	196	4,951
WV	3	2	5	270		270
WI	234	67	301	22,540	3	22,543
WY	3.0	1.0	4.0	95.7		95.7
US ⁵	1,330	415	1,745	147,933	958	148,891

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. ³ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. ⁴ For States not published, sales are nominal. Included in milk sold to plants. ⁵ May not add due to rounding.

**Milk Marketed by Producers: Quantity, Price, and Cash Receipts
by State and United States, 1993**

State	Milk Sold to Plants and Dealers ¹				Milk Sold Directly to Consumers ²		
	Quantity	Percent Fluid Grade ³	Price per 100 Lbs	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>1,000 Qts</i>	<i>Dollars</i>	<i>1,000 Dol</i>
AL	511	99	14.20	72,562			
AK	11.1	100	20.30	2,253	93	0.7	65
AZ	1,870	100	13.10	244,970			
AR	747	98	13.60	101,592			
CA	22,675	98	11.45	2,596,288	101,860	0.66	67,228
CO	1,353	100	13.00	175,890	18,605	0.72	13,396
CT	527	100	13.60	71,672	4,186	0.67	2,805
DE	145.6	100	13.40	19,510			
FL	2,553	100	15.10	385,503			
GA	1,530	100	14.70	224,910			
HI	138.5	100	23.13	32,035			
ID	3,180	86	12.20	387,960			
IL	2,484	94	12.60	312,984			
IN	2,205	92	13.00	286,650			
IA	3,954	88	12.80	506,112			
KS	1,065	93	12.70	135,255			
KY	2,045	95	13.40	274,030			
LA	920	100	14.00	128,800			
ME	645	100	14.00	90,300	3,721	0.56	2,084
MD	1,390	100	13.40	186,260			
MA	452	100	13.80	62,376	8,372	0.68	5,693
MI	5,340	99	13.10	699,540	8,837	0.61	5,391
MN	9,580	86	12.80	1,226,240			
MS	740	99	14.00	103,600			
MO	2,788	93	12.80	356,864			
MT	290	100	13.30	38,570	930	0.49	456
NE	1,090	85	12.50	136,250			
NV	343	100	12.30	42,189			
NH	320	100	13.70	43,840			
NJ	359	100	13.50	48,465			
NM	2,712	100	11.70	317,304	17,674	0.59	10,428
NY	11,196	100	13.00	1,455,480	13,023	0.62	8,074
NC	1,467	99	14.40	211,248			
ND	895	58	12.00	107,400			
OH	4,585	93	13.00	596,050			
OK	1,243	98	13.40	166,562			
OR	1,600	98	12.60	201,600	28,837	0.45	12,977
PA	9,826	99	13.70	1,346,162	118,605	0.54	64,047
RI	31.9	100	13.70	4,370			
SC	405	100	14.20	57,510	3,256	0.73	2,377
SD	1,606	58	12.90	207,174			
TN	1,880	97	13.60	255,680			
TX	5,870	100	13.30	780,710			
UT	1,259	88	12.10	152,339	22,326	0.57	12,726
VT	2,470	100	13.40	330,980	2,791	0.67	1,870
VA	1,975	98	14.00	276,500			
WA	4,755	100	12.30	584,865	91,163	0.55	50,140
WV	270	98	13.10	35,370			
WI	22,540	91	12.89	2,905,406	1,395	0.46	642
WY	95.7	80	12.40	11,867			
US ⁴	147,933	95	12.84	18,998,047	445,674	0.584	260,395

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers. ² Not published to avoid disclosing individual operations. Based on unrounded value. Includes milk sold directly to consumers and milk produced by institutional herds.

³ Percentage of milk sold to plants and dealers that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. ⁴ May not add due to rounding.

**Marketings, Income, and Value of Milk Production:
By State and United States, 1993**

State	Combined Marketings of Milk & Cream				Used for Milk Cream & Butter Where Produced		Gross Producer Income ³	Value of Milk Produced ^{2 4}
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value ²		
		Per Cwt Milk ¹	Per Lb Milkfat ¹					
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>Mil lbs</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	511	14.20	4.01	72,562	1	142	72,704	73,130
AK	11.3	20.51	6.11	2,318	0.2	41	2,359	2,441
AZ	1,870	13.10	3.61	244,970	1	131	245,101	245,756
AR	747	13.60	3.85	101,592	7	952	102,544	104,584
CA	22,894	11.63	3.18	2,663,516	4	465	2,663,981	2,667,006
CO	1,393	13.59	3.74	189,286	15	2,038	191,324	197,575
CT	536	13.89	3.84	74,477	1	139	74,616	75,450
DE	145.6	13.40	3.67	19,510			19,510	19,644
FL	2,553	15.10	4.36	385,503	1	151	385,654	386,258
GA	1,530	14.70	4.16	224,910	1	147	225,057	225,645
HI	138.5	23.13	6.95	32,035	1.1	254	32,289	32,845
ID	3,180	12.20	3.37	387,960	5	610	388,570	393,938
IL	2,484	12.60	3.41	312,984	5	630	313,614	316,764
IN	2,205	13.00	3.53	286,650	10	1,300	287,950	293,150
IA	3,954	12.80	3.49	506,112	35	4,480	510,592	518,912
KS	1,065	12.70	3.51	135,255	2	254	135,509	137,160
KY	2,045	13.40	3.73	274,030	25	3,350	277,380	284,080
LA	920	14.00	3.93	128,800	6	840	129,640	130,900
ME	653	14.15	3.91	92,384	2	283	92,667	93,798
MD	1,390	13.40	3.67	186,260	3	402	186,662	187,600
MA	470	14.48	3.89	68,069	1	145	68,214	69,228
MI	5,359	13.15	3.61	704,931	11	1,447	706,378	714,928
MN	9,580	12.80	3.45	1,226,240	19	2,432	1,228,672	1,240,704
MS	740	14.00	3.85	103,600	3	420	104,020	104,300
MO	2,788	12.80	3.55	356,864	12	1,536	358,400	363,520
MT	292	13.37	3.76	39,026	7	936	39,961	41,031
NE	1,090	12.50	3.38	136,250	10	1,250	137,500	140,625
NV	343	12.30	3.46	42,189	1	123	42,312	42,804
NH	320	13.70	3.67	43,840	1	137	43,977	44,525
NJ	359	13.50	3.71	48,465	1	135	48,600	49,005
NM	2,750	11.92	3.33	327,732	8	953	328,685	329,639
NY	11,224	13.04	3.57	1,463,554	48	6,259	1,469,813	1,488,459
NC	1,467	14.40	4.00	211,248	14	2,016	213,264	215,712
ND	895	12.00	3.28	107,400	3	360	107,760	110,160
OH	4,585	13.00	3.52	596,050	15	1,950	598,000	600,600
OK	1,243	13.40	3.74	166,562	4	536	167,098	168,438
OR	1,662	12.91	3.52	214,577	6	775	215,352	218,450
PA	10,081	13.99	3.83	1,410,209	30	4,197	1,414,406	1,424,198
RI	31.9	13.70	3.78	4,370			4,370	4,411
SC	412	14.54	4.04	59,887	1	145	60,032	60,759
SD	1,606	12.90	3.48	207,174	3	387	207,561	208,851
TN	1,880	13.60	3.82	255,680	2	272	255,952	257,992
TX	5,870	13.30	3.76	780,710	4	532	781,242	786,030
UT	1,307	12.63	3.51	165,065	3	379	165,444	168,222
VT	2,476	13.44	3.58	332,850	5	672	333,522	336,614
VA	1,975	14.00	3.93	276,500	4	560	277,060	279,300
WA	4,951	12.83	3.49	635,005	4	513	635,518	638,724
WV	270	13.10	3.57	35,370	2	262	35,632	36,025
WI	22,543	12.89	3.41	2,906,048	67	8,637	2,914,685	2,944,850
WY	95.7	12.40	3.33	11,867	1.0	124	11,991	12,363
US ⁵	148,891	12.93	3.53	19,258,442	415	54,699	19,313,144	19,487,104

¹ Cash receipts divided by milkfat represented in combined marketings. ² Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁴ Includes value of milk fed to calves. ⁵ May not add due to rounding.

**Milk Cows and Production of Milk and Milkfat: By State
and United States, 1994 ¹**

State	Number of Milk Cows ²	Production of Milk and Milkfat ³				
		Per Milk Cow		Percentage of Fat in All Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	37	13,514	484	3.58	500	17.9
AK	0.7	18,000	617	3.43	12.60	0.4
AZ	109	19,578	705	3.60	2,134	76.8
AR	61	12,344	448	3.63	753	27.3
CA	1,249	20,203	737	3.65	25,234	921.0
CO	81	19,173	688	3.59	1,553	55.8
CT	33	16,061	583	3.63	530	19.2
DE	10.0	14,300	529	3.70	143.0	5.3
FL	176	14,903	517	3.47	2,623	91.0
GA	102	15,637	558	3.57	1,595	56.9
HI	10.7	12,991	433	3.33	139.0	4.6
ID	208	18,048	644	3.57	3,754	134.0
IL	158	15,519	571	3.68	2,452	90.2
IN	145	15,566	574	3.69	2,257	83.3
IA	255	15,529	573	3.69	3,960	146.1
KS	78	14,423	521	3.61	1,125	40.6
KY	168	11,946	429	3.59	2,007	72.1
LA	79	11,709	419	3.58	925	33.1
ME	40	15,975	580	3.63	639	23.2
MD	92	14,511	537	3.70	1,335	49.4
MA	29	15,690	585	3.73	455	17.0
MI	328	16,905	614	3.63	5,545	201.3
MN	609	15,340	571	3.72	9,342	347.5
MS	57	12,825	467	3.64	731	26.6
MO	197	13,782	496	3.60	2,715	97.7
MT	21	14,619	519	3.55	307	10.9
NE	77	14,416	529	3.67	1,110	40.7
NV	23	18,356	661	3.60	413	14.9
NH	20	15,650	579	3.70	313	11.6
NJ	24	13,750	503	3.66	330	12.1
NM	165	20,152	717	3.56	3,325	118.4
NY	718	15,877	581	3.66	11,400	417.2
NC	90	16,367	591	3.61	1,473	53.2
ND	68	12,779	466	3.65	869	31.7
OH	294	15,350	571	3.72	4,513	167.9
OK	96	13,406	483	3.60	1,287	46.3
OR	100	17,140	624	3.64	1,714	62.4
PA	639	16,009	589	3.68	10,230	376.5
RI	2.2	14,364	510	3.55	31.6	1.1
SC	28	14,679	533	3.63	411	14.9
SD	120	13,242	489	3.69	1,589	58.6
TN	138	13,130	467	3.56	1,812	64.5
TX	402	15,485	547	3.53	6,225	219.7
UT	86	16,640	601	3.61	1,431	51.7
VT	158	15,551	580	3.73	2,457	91.6
VA	130	14,800	536	3.62	1,924	69.6
WA	261	19,935	724	3.63	5,203	188.9
WV	22	12,364	457	3.70	272	10.1
WI	1,494	15,001	566	3.77	22,412	844.9
WY	7.1	12,859	472	3.67	91.3	3.4
US	9,494	16,179	592	3.66	153,602	5,621.4

¹ May not add due to rounding.

² Average number during year, excluding heifers not yet fresh.

³ Excludes milk sucked by calves.

Milk Used and Marketed by Producers: By State and United States, 1994

State	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Sold to Plants and Dealers ²	Sold Directly to Consumers ^{3 4}	Total
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	3	1	4	496		496
AK	0.4	0.2	0.6	11.8	0.2	12.0
AZ	7	1	8	2,126		2,126
AR	14	7	21	732		732
CA	29	5	34	24,696	504	25,200
CO	38	12	50	1,460	43	1,503
CT	5	1	6	514	10	524
DE	1.0		1.0	142.0		142.0
FL	4	1	5	2,618		2,618
GA	4	1	5	1,590		1,590
HI	1.5	0.6	2.1	136.9		136.9
ID	40	4	44	3,710		3,710
IL	27	5	32	2,420		2,420
IN	40	10	50	2,207		2,207
IA	60	35	95	3,865		3,865
KS	12	2	14	1,111		1,111
KY	59	25	84	1,923		1,923
LA	9	6	15	910		910
ME	8	2	10	621	8	629
MD	7	3	10	1,325		1,325
MA	6	1	7	431	17	448
MI	44	6	50	5,475	20	5,495
MN	90	17	107	9,235		9,235
MS	2	4	6	725		725
MO	36	11	47	2,668		2,668
MT	7	6	13	292	2	294
NE	20	10	30	1,080		1,080
NV	6	1	7	406		406
NH	4	1	5	308		308
NJ	4	1	5	325		325
NM	8	7	15	3,268	42	3,310
NY	137	46	183	11,193	24	11,217
NC	17	14	31	1,442		1,442
ND	26	3	29	840		840
OH	20	10	30	4,483		4,483
OK	6	3	9	1,278		1,278
OR	24	6	30	1,621	63	1,684
PA	72	31	103	9,872	255	10,127
RI	0.3	0.1	0.4	31.2		31.2
SC	3	1	4	402	5	407
SD	10	3	13	1,576		1,576
TN	15	2	17	1,795		1,795
TX	21	4	25	6,200		6,200
UT	20	3	23	1,356	52	1,408
VT	24	5	29	2,422	6	2,428
VA	16	4	20	1,904		1,904
WA	26	5	31	4,960	212	5,172
WV	2	1	3	269		269
WI	230	62	292	22,117	3	22,120
WY	2.1	0.5	2.6	88.7		88.7
US ⁵	1,267	390	1,657	150,678	1,266	151,944

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. ³ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. ⁴ For States not published, sales are nominal. Included in milk sold to plants. ⁵ May not add due to rounding.

**Milk Marketed by Producers: Quantity, Price, and Cash Receipts
by State and United States, 1994**

State	Milk Sold to Plants and Dealers ¹				Milk Sold Directly to Consumers ²		
	Quantity	Percent Fluid Grade ³	Price per 100 Lbs	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>1,000 Qts</i>	<i>Dollars</i>	<i>1,000 Dol</i>
AL	496	100	14.70	72,912			
AK	11.8	100	20.30	2,395	93	0.75	70
AZ	2,126	100	13.10	278,506			
AR	732	98	13.90	101,748			
CA	24,696	98	11.52	2,844,979	234,419	0.73	171,126
CO	1,460	100	13.60	198,560	20,000	0.78	15,600
CT	514	100	13.90	71,446	4,651	0.67	3,116
DE	142.0	100	13.70	19,454			
FL	2,618	100	15.60	408,408			
GA	1,590	100	14.90	236,910			
HI	136.9	100	23.19	31,747			
ID	3,710	91	12.30	456,330			
IL	2,420	95	13.30	321,860			
IN	2,207	94	13.40	295,738			
IA	3,865	88	12.90	498,585			
KS	1,111	95	12.80	142,208			
KY	1,923	96	13.90	267,297			
LA	910	100	14.10	128,310			
ME	621	100	14.10	87,561	3,721	0.56	2,084
MD	1,325	100	13.70	181,525			
MA	431	100	14.10	60,771	7,907	0.68	5,377
MI	5,475	98	13.40	733,650	9,302	0.58	5,395
MN	9,235	88	12.93	1,194,086			
MS	725	100	14.20	102,950			
MO	2,668	93	13.20	352,176			
MT	292	100	13.70	40,004	930	0.51	474
NE	1,080	88	12.80	138,240			
NV	406	100	12.50	50,750			
NH	308	100	14.00	43,120			
NJ	325	100	13.80	44,850			
NM	3,268	100	11.70	382,356	19,535	0.59	11,526
NY	11,193	100	13.30	1,488,669	11,163	0.63	7,033
NC	1,442	99	14.60	210,532			
ND	840	58	12.20	102,480			
OH	4,483	94	13.30	596,239			
OK	1,278	99	13.30	169,974			
OR	1,621	98	12.60	204,246	29,302	0.50	14,651
PA	9,872	99	14.00	1,382,080	118,605	0.53	62,861
RI	31.2	100	14.00	4,368			
SC	402	100	14.70	59,094	2,326	0.71	1,651
SD	1,576	59	12.80	201,728			
TN	1,795	97	14.30	256,685			
TX	6,200	100	13.40	830,800			
UT	1,356	90	12.40	168,144	24,186	0.57	13,786
VT	2,422	100	13.60	329,392	2,791	0.67	1,870
VA	1,904	99	14.30	272,272			
WA	4,960	100	12.50	620,000	98,605	0.58	57,191
WV	269	98	13.40	36,046			
WI	22,117	91	12.99	2,872,998	1,395	0.49	684
WY	88.7	78	12.30	10,910			
US ⁴	150,678	95	13.01	19,606,089	588,930	0.636	374,494

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers. ² Not published to avoid disclosing individual operations. Based on unrounded value. Includes milk sold directly to consumers and milk produced by institutional herds. ³ Percentage of milk sold to plants and dealers that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. ⁴ May not add due to rounding.

**Marketings, Income, and Value of Milk Production:
By State and United States, 1994**

State	Combined Marketings of Milk & Cream				Used for Milk Cream & Butter Where Produced		Gross Producer Income ³	Value of Milk Produced ^{2 4}
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value ²		
		Per Cwt Milk ¹	Per Lb Milkfat ¹					
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>Mil lbs</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	496	14.70	4.11	72,912	1	147	73,059	73,500
AK	12.0	20.54	5.99	2,465	0.2	41	2,506	2,588
AZ	2,126	13.10	3.64	278,506	1	131	278,637	279,554
AR	732	13.90	3.83	101,748	7	973	102,721	104,667
CA	25,200	11.97	3.28	3,016,105	5	598	3,016,703	3,020,174
CO	1,503	14.25	3.97	214,160	12	1,710	215,870	221,284
CT	524	14.23	3.92	74,562	1	142	74,704	75,416
DE	142.0	13.70	3.70	19,454			19,454	19,591
FL	2,618	15.60	4.50	408,408	1	156	408,564	409,188
GA	1,590	14.90	4.17	236,910	1	149	237,059	237,655
HI	136.9	23.19	6.96	31,747	0.6	139.0	31,886	32,234
ID	3,710	12.30	3.45	456,330	4	492	456,822	461,742
IL	2,420	13.30	3.61	321,860	5	665	322,525	326,116
IN	2,207	13.40	3.63	295,738	10	1,340	297,078	302,438
IA	3,865	12.90	3.50	498,585	35	4,515	503,100	510,840
KS	1,111	12.80	3.55	142,208	2	256	142,464	144,000
KY	1,923	13.90	3.87	267,297	25	3,475	270,772	278,973
LA	910	14.10	3.94	128,310	6	846	129,156	130,425
ME	629	14.25	3.93	89,645	2	285	89,930	91,070
MD	1,325	13.70	3.70	181,525	3	411	181,936	182,895
MA	448	14.77	3.96	66,148	1	148	66,296	67,182
MI	5,495	13.45	3.71	739,045	6	807	739,852	745,770
MN	9,235	12.93	3.48	1,194,086	17	2,198	1,196,284	1,207,921
MS	725	14.20	3.90	102,950	4	568	103,518	103,802
MO	2,668	13.20	3.67	352,176	11	1,452	353,628	358,380
MT	294	13.77	3.88	40,478	6	826	41,304	42,268
NE	1,080	12.80	3.49	138,240	10	1,280	139,520	142,080
NV	406	12.50	3.47	50,750	1	125	50,875	51,625
NH	308	14.00	3.78	43,120	1	140	43,260	43,820
NJ	325	13.80	3.77	44,850	1	138	44,988	45,540
NM	3,310	11.90	3.34	393,882	7	833	394,715	395,667
NY	11,217	13.33	3.64	1,495,702	46	6,134	1,501,836	1,520,104
NC	1,442	14.60	4.04	210,532	14	2,044	212,576	215,058
ND	840	12.20	3.34	102,480	3	366	102,846	106,018
OH	4,483	13.30	3.58	596,239	10	1,330	597,569	600,229
OK	1,278	13.30	3.69	169,974	3	399	170,373	171,171
OR	1,684	13.00	3.57	218,897	6	780	219,677	222,797
PA	10,127	14.27	3.88	1,444,941	31	4,423	1,449,364	1,459,637
RI	31.2	14.00	3.94	4,368		14	4,382	4,424
SC	407	14.93	4.11	60,745	1	149	60,894	61,342
SD	1,576	12.80	3.47	201,728	3	384	202,112	203,392
TN	1,795	14.30	4.02	256,685	2	286	256,971	259,116
TX	6,200	13.40	3.80	830,800	4	536	831,336	834,150
UT	1,408	12.92	3.58	181,930	3	388	182,318	184,902
VT	2,428	13.64	3.66	331,262	5	682	331,944	335,218
VA	1,904	14.30	3.95	272,272	4	572	272,844	275,132
WA	5,172	13.09	3.61	677,191	5	655	677,846	681,250
WV	269	13.40	3.62	36,046	1	134	36,180	36,448
WI	22,120	12.99	3.45	2,873,682	62	8,055	2,881,737	2,911,617
WY	88.7	12.30	3.35	10,910	0.5	61	10,971	11,230
US ⁵	151,944	13.15	3.59	19,980,583	390	52,378	20,032,961	20,201,639

¹ Cash receipts divided by milkfat represented in combined marketings. ² Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁴ Includes value of milk fed to calves. ⁵ May not add due to rounding.

**Milk Cows and Production of Milk and Milkfat: By State
and United States, 1995¹**

State	Number of Milk Cows ²	Production of Milk and Milkfat ³				
		Per Milk Cow		Percentage of Fat in All Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	34	14,176	498	3.51	482	16.9
AK	0.7	17,000	587	3.45	11.90	0.4
AZ	113	19,735	714	3.62	2,230	80.7
AR	60	12,150	431	3.55	729	25.9
CA	1,294	19,573	712	3.64	25,327	921.9
CO	83	18,687	676	3.62	1,551	56.1
CT	32	16,438	592	3.60	526	18.9
DE	10.0	14,500	537	3.70	145.0	5.4
FL	162	14,698	511	3.48	2,381	82.9
GA	100	15,550	555	3.57	1,555	55.5
HI	10.4	13,654	464	3.40	142.0	4.8
ID	232	18,147	651	3.59	4,210	151.1
IL	151	15,887	591	3.72	2,399	89.2
IN	144	15,375	572	3.72	2,214	82.4
IA	251	16,124	595	3.69	4,047	149.3
KS	82	14,390	522	3.63	1,180	42.8
KY	162	12,469	449	3.60	2,020	72.7
LA	76	11,908	418	3.51	905	31.8
ME	40	16,025	577	3.60	641	23.1
MD	91	14,725	545	3.70	1,340	49.6
MA	28	16,000	594	3.71	448	16.6
MI	326	17,071	625	3.66	5,565	203.7
MN	592	15,894	590	3.71	9,409	349.1
MS	55	12,909	456	3.53	710	25.1
MO	190	14,158	514	3.63	2,690	97.6
MT	21	15,000	536	3.57	315	11.2
NE	74	14,797	547	3.70	1,095	40.5
NV	24	18,128	653	3.60	426	15.3
NH	20	16,300	600	3.68	326	12.0
NJ	23	13,913	504	3.62	320	11.6
NM	191	18,969	675	3.56	3,623	129.0
NY	703	16,501	602	3.65	11,600	423.4
NC	86	16,314	587	3.60	1,403	50.5
ND	64	13,094	479	3.66	838	30.7
OH	289	15,917	592	3.72	4,600	171.1
OK	95	13,611	490	3.60	1,293	46.5
OR	97	17,289	628	3.63	1,677	60.9
PA	636	16,492	605	3.67	10,489	384.9
RI	2.2	14,773	520	3.52	32.5	1.1
SC	27	14,481	521	3.60	391	14.1
SD	118	13,398	494	3.69	1,581	58.3
TN	127	13,740	493	3.59	1,745	62.6
TX	401	15,244	544	3.57	6,113	218.2
UT	88	16,739	604	3.61	1,473	53.2
VT	157	16,210	600	3.70	2,545	94.2
VA	129	15,116	543	3.59	1,950	70.0
WA	264	20,091	729	3.63	5,304	192.5
WV	21	12,667	467	3.69	266	9.8
WI	1,490	15,397	579	3.76	22,942	862.6
WY	6.6	13,197	486	3.68	87.1	3.2
US	9,466	16,405	600	3.66	155,292	5,681.3

¹ May not add due to rounding.

² Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding.

³ Excludes milk sucked by calves.

Milk Used and Marketed by Producers: By State and United States, 1995

State	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Sold to Plants and Dealers ²	Sold Directly to Consumers ^{3 4}	Total
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	3	1	4	478		478
AK	0.4	0.2	0.6	11.1	0.2	11.3
AZ	8	1	9	2,221		2,221
AR	12	5	17	712		712
CA	28	5	33	24,741	553	25,294
CO	30	10	40	1,468	43	1,511
CT	5	1	6	508	12	520
DE	1.0		1.0	144.0		144.0
FL	4	1	5	2,376		2,376
GA	14	1	15	1,540		1,540
HI	1.8	0.8	2.6	139.4		139.4
ID	41	4	45	4,165		4,165
IL	22	2	24	2,375		2,375
IN	30	10	40	2,174		2,174
IA	45	25	70	3,977		3,977
KS	12	2	14	1,166		1,166
KY	47	18	65	1,955		1,955
LA	10	5	15	890		890
ME	7	1	8	625	8	633
MD	7	3	10	1,330		1,330
MA	5	1	6	426	16	442
MI	55	6	61	5,485	19	5,504
MN	101	18	119	9,290		9,290
MS	3	2	5	705		705
MO	35	10	45	2,645		2,645
MT	7	5	12	303		303
NE	20	10	30	1,065		1,065
NV	4	1	5	421		421
NH	3	1	4	322		322
NJ	3	1	4	316		316
NM	9	8	17	3,566	40	3,606
NY	135	40	175	11,410	15	11,425
NC	14	13	27	1,376		1,376
ND	17	3	20	818		818
OH	20	10	30	4,570		4,570
OK	7	1	8	1,285		1,285
OR	25	3	28	1,586	63	1,649
PA	73	32	105	10,123	261	10,384
RI	0.3	0.1	0.4	32.1		32.1
SC	2	1	3	385	3	388
SD	12	2	14	1,567		1,567
TN	9	1	10	1,735		1,735
TX	20	4	24	6,089		6,089
UT	24	2	26	1,403	44	1,447
VT	20	5	25	2,514	6	2,520
VA	16	4	20	1,930		1,930
WA	30	1	31	5,065	208	5,273
WV	2	1	3	263		263
WI	213	57	270	22,669	3	22,672
WY	3.8	0.6	4.4	82.7		82.7
US ⁵	1,216	340	1,556	152,442	1,294	153,737

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. ³ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. ⁴ For States not published, sales are nominal. Included in milk sold to plants. ⁵ May not add due to rounding.

**Milk Marketed by Producers: Quantity, Price, and Cash Receipts
by State and United States, 1995**

State	Milk Sold to Plants and Dealers ¹				Milk Sold Directly to Consumers ²		
	Quantity	Percent Fluid Grade ³	Price per 100 Lbs	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>1,000 Qts</i>	<i>Dollars</i>	<i>1,000 Dol</i>
AL	478	100	14.00	66,920			
AK	11.1	100	20.30	2,253	93	0.75	70
AZ	2,221	100	12.80	284,288			
AR	712	99	13.80	98,256			
CA	24,741	97	11.68	2,889,749	257,209	0.74	190,335
CO	1,468	100	13.00	190,840	20,000	0.77	15,400
CT	508	100	13.50	68,580	5,581	0.65	3,628
DE	144.0	100	13.20	19,008			
FL	2,376	100	15.30	363,528			
GA	1,540	100	14.30	220,220			
HI	139.4	100	23.06	32,146			
ID	4,165	93	12.20	508,130			
IL	2,375	95	12.80	304,000			
IN	2,174	93	12.80	278,272			
IA	3,977	88	12.60	501,102			
KS	1,166	96	12.30	143,418			
KY	1,955	98	13.50	263,925			
LA	890	100	13.80	122,820			
ME	625	100	13.80	86,250	3,721	0.55	2,047
MD	1,330	100	13.20	175,560			
MA	426	100	13.60	57,936	7,442	0.63	4,688
MI	5,485	98	13.00	713,050	8,837	0.50	4,419
MN	9,290	89	12.72	1,181,688			
MS	705	100	13.70	96,585			
MO	2,645	92	13.00	343,850			
MT	303	100	13.30	40,299			
NE	1,065	90	12.50	133,125			
NV	421.0	100	12.00	50,520			
NH	322	100	13.50	43,470			
NJ	316	100	13.30	42,028			
NM	3,566	100	11.70	417,222	18,605	0.73	13,582
NY	11,410	100	13.00	1,483,300	6,977	0.63	4,396
NC	1,376	99	13.80	189,888			
ND	818	57	11.80	96,524			
OH	4,570	94	13.10	598,670			
OK	1,285	99	13.00	167,050			
OR	1,586	98	12.50	198,250	29,302	0.50	14,651
PA	10,123	99	13.60	1,376,728	121,395	0.53	64,339
RI	32.1	100	13.50	4,334			
SC	385	100	14.10	54,285	1,395	0.73	1,018
SD	1,567	58	12.50	195,875			
TN	1,735	98	13.80	239,430			
TX	6,089	100	13.00	791,570			
UT	1,403	90	12.10	169,763	20,465	0.59	12,074
VT	2,514	100	13.10	329,334	2,791	0.67	1,870
VA	1,930	99	13.80	266,340			
WA	5,065	100	12.40	628,060	96,744	0.58	56,112
WV	263	99	13.00	34,190			
WI	22,669	92	12.86	2,915,233	1,395	0.49	684
WY	82.7	80	11.10	9,180			
US ⁴	152,442	96	12.78	19,487,042	601,953	0.647	389,311

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers. ² Not published to avoid disclosing individual operations. Based on unrounded value. Includes milk sold directly to consumers and milk produced by institutional herds.

³ Percentage of milk sold to plants and dealers that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. ⁴ May not add due to rounding.

**Marketings, Income, and Value of Milk Production:
By State and United States, 1995**

State	Combined Marketings of Milk & Cream				Used for Milk Cream & Butter Where Produced		Gross Producer Income ³	Value of Milk Produced ^{2 4}
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value ²		
		Per Cwt Milk ¹	Per Lb Milkfat ¹					
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>Mil lbs</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	478	14.00	3.99	66,920	1	140	67,060	67,480
AK	11.3	20.56	5.96	2,323	0.2	41	2,364	2,446
AZ	2,221	12.80	3.54	284,288	1	128	284,416	285,440
AR	712	13.80	3.89	98,256	5	690	98,946	100,602
CA	25,294	12.18	3.35	3,080,084	5	609	3,080,693	3,084,102
CO	1,511	13.65	3.77	206,240	10	1,365	207,605	211,700
CT	520	13.89	3.86	72,208	1	139	72,347	73,041
DE	144.0	13.20	3.57	19,008			19,008	19,140
FL	2,376	15.30	4.40	363,528	1	153	363,681	364,293
GA	1,540	14.30	4.01	220,220	1	143	220,363	222,365
HI	139.4	23.06	6.78	32,146	0.8	184	32,330	32,746
ID	4,165	12.20	3.40	508,130	4	488	508,618	513,620
IL	2,375	12.80	3.44	304,000	2	256	304,256	307,072
IN	2,174	12.80	3.44	278,272	10	1,280	279,552	283,392
IA	3,977	12.60	3.41	501,102	25	3,150	504,252	509,922
KS	1,166	12.30	3.39	143,418	2	246	143,664	145,140
KY	1,955	13.50	3.75	263,925	18	2,430	266,355	272,700
LA	890	13.80	3.93	122,820	5	690	123,510	124,890
ME	633	13.95	3.87	88,297	1	139	88,436	89,413
MD	1,330	13.20	3.57	175,560	3	396	175,956	176,880
MA	442	14.17	3.82	62,624	1	142	62,766	63,474
MI	5,504	13.04	3.56	717,469	6	782	718,251	725,421
MN	9,290	12.72	3.43	1,181,688	18	2,290	1,183,978	1,196,825
MS	705	13.70	3.88	96,585	2	274	96,859	97,270
MO	2,645	13.00	3.58	343,850	10	1,300	345,150	349,700
MT	303	13.30	3.73	40,299	5	665	40,964	41,895
NE	1,065	12.50	3.38	133,125	10	1,250	134,375	136,875
NV	421	12.00	3.33	50,520	1	120	50,640	51,120
NH	322	13.50	3.67	43,470	1	135	43,605	44,010
NJ	316	13.30	3.67	42,028	1	133	42,161	42,560
NM	3,606	11.95	3.36	430,804	8	956	431,759	432,834
NY	11,425	13.02	3.57	1,487,696	40	5,209	1,492,905	1,510,483
NC	1,376	13.80	3.83	189,888	13	1,794	191,682	193,614
ND	818	11.80	3.22	96,524	3	354	96,878	98,884
OH	4,570	13.10	3.52	598,670	10	1,310	599,980	602,600
OK	1,285	13.00	3.61	167,050	1	130	167,180	168,090
OR	1,649	12.91	3.56	212,901	3	387	213,288	216,516
PA	10,384	13.88	3.78	1,441,067	32	4,441	1,445,508	1,455,639
RI	32.1	13.50	3.84	4,334		14	4,348	4,388
SC	388	14.25	3.96	55,303	1	143	55,446	55,731
SD	1,567	12.50	3.39	195,875	2	250	196,125	197,625
TN	1,735	13.80	3.84	239,430	1	138	239,568	240,810
TX	6,089	13.00	3.64	791,570	4	520	792,090	794,690
UT	1,447	12.57	3.48	181,837	2	251	182,088	185,104
VT	2,520	13.14	3.55	331,204	5	657	331,861	334,490
VA	1,930	13.80	3.84	266,340	4	552	266,892	269,100
WA	5,273	12.98	3.57	684,172	1	130	684,302	688,194
WV	263	13.00	3.52	34,190	1	130	34,320	34,580
WI	22,672	12.86	3.42	2,915,917	57	7,331	2,923,248	2,950,643
WY	82.7	11.10	3.02	9,180	0.6	67	9,247	9,668
US ⁵	153,737	12.93	3.53	19,876,353	340	44,522	19,920,875	20,079,217

¹ Cash receipts divided by milkfat represented in combined marketings. ² Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁴ Includes value of milk fed to calves. ⁵ May not add due to rounding.

**Milk Cows and Production of Milk and Milkfat: By State
and United States, 1996¹**

State	Number of Milk Cows ²	Production of Milk and Milkfat ³				
		Per Milk Cow		Percentage of Fat in All Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	32	13,563	484	3.57	434	15.5
AK	0.8	16,875	587	3.48	13.50	0.5
AZ	121	20,446	734	3.59	2,474	88.8
AR	56	12,054	434	3.60	675	24.3
CA	1,349	19,161	701	3.66	25,848	946.0
CO	84	19,440	710	3.65	1,633	59.6
CT	30	16,633	610	3.67	499	18.3
DE	9.7	14,433	537	3.72	140.0	5.2
FL	156	15,391	551	3.58	2,401	86.0
GA	97	15,320	552	3.60	1,486	53.5
HI	9.4	13,723	472	3.44	129.0	4.4
ID	256	18,496	670	3.62	4,735	171.4
IL	140	16,050	605	3.77	2,247	84.7
IN	140	15,471	577	3.73	2,166	80.8
IA	241	15,701	586	3.73	3,784	141.1
KS	82	14,634	536	3.66	1,200	43.9
KY	153	12,157	440	3.62	1,860	67.3
LA	69	12,145	425	3.50	838	29.3
ME	41	15,805	580	3.67	648	23.8
MD	87	15,080	561	3.72	1,312	48.8
MA	27	16,296	609	3.74	440	16.5
MI	320	16,969	626	3.69	5,430	200.4
MN	583	16,192	606	3.74	9,440	353.1
MS	51	12,902	458	3.55	658	23.4
MO	182	13,423	489	3.64	2,443	88.9
MT	20	15,350	550	3.58	307	11.0
NE	69	15,217	568	3.73	1,050	39.2
NV	25	18,800	675	3.59	470	16.9
NH	20	16,200	604	3.73	324	12.1
NJ	22	13,500	495	3.67	297	10.9
NM	195	19,246	683	3.55	3,753	133.2
NY	702	16,396	607	3.70	11,510	425.9
NC	82	15,951	585	3.67	1,308	48.0
ND	62	12,968	479	3.69	804	29.7
OH	281	15,516	580	3.74	4,360	163.1
OK	94	13,245	479	3.62	1,245	45.1
OR	93	17,290	629	3.64	1,608	58.5
PA	634	16,536	613	3.71	10,484	389.0
RI	2.0	15,600	554	3.55	31.2	1.1
SC	26	14,654	539	3.68	381	14.0
SD	112	13,161	491	3.73	1,474	55.0
TN	117	13,932	503	3.61	1,630	58.8
TX	397	15,416	552	3.58	6,120	219.1
UT	91	17,000	617	3.63	1,547	56.2
VT	156	16,468	616	3.74	2,569	96.1
VA	126	14,325	520	3.63	1,805	65.5
WA	257	20,541	748	3.64	5,279	192.2
WV	20	12,600	470	3.73	252	9.4
WI	1,449	15,442	587	3.80	22,376	850.3
WY	6.6	13,394	488	3.64	88.4	3.2
US	9,372	16,433	606	3.69	154,006	5,678.8

¹ May not add due to rounding.

² Average number during year, excluding heifers not yet fresh.

³ Excludes milk sucked by calves.

Milk Used and Marketed by Producers: By State and United States, 1996

State	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Sold to Plants and Dealers ²	Sold Directly to Consumers ^{3 4}	Total
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	3	1	4	430		430
AK	0.5	0.3	0.8	12.5	0.2	12.7
AZ	9	1	10	2,464		2,464
AR	10	5	15	660		660
CA	30	5	35	25,239	574	25,813
CO	21	8	29	1,560	44	1,604
CT	6	1	7	479	13	492
DE	1.0		1.0	139.0		139.0
FL	4	1	5	2,396		2,396
GA	15	1	16	1,470		1,470
HI	2.1	1.0	3.1	125.9		125.9
ID	35	5	40	4,695		4,695
IL	28	3	31	2,216		2,216
IN	30	10	40	2,126		2,126
IA	40	20	60	3,724		3,724
KS	13	2	15	1,185		1,185
KY	35	13	48	1,812		1,812
LA	11	4	15	823		823
ME	7	1	8	632	8	640
MD	7	3	10	1,302		1,302
MA	5	1	6	418	16	434
MI	50	5	55	5,360	15	5,375
MN	92	18	110	9,330		9,330
MS	2	1	3	655		655
MO	30	9	39	2,404		2,404
MT	8	5	13	294		294
NE	15	10	25	1,025		1,025
NV	4	1	5	465		465
NH	4	1	5	319		319
NJ	3	1	4	293		293
NM	10	6	16	3,696	41	3,737
NY	145	33	178	11,320	12	11,332
NC	13	12	25	1,283		1,283
ND	17	2	19	785		785
OH	23	7	30	4,330		4,330
OK	8	1	9	1,236		1,236
OR	25	4	29	1,519	60	1,579
PA	73	21	94	10,130	260	10,390
RI	0.4		0.4	30.8		30.8
SC	2	1	3	375	3	378
SD	12	2	14	1,460		1,460
TN	9	1	10	1,620		1,620
TX	17	5	22	6,098		6,098
UT	24	3	27	1,472	48	1,520
VT	25	5	30	2,533	6	2,539
VA	12	3	15	1,790		1,790
WA	27	1	28	5,052	199	5,251
WV	2	1	3	249		249
WI	207	55	262	22,114		22,114
WY	2.6	0.4	3.0	85.4		85.4
US ⁵	1,175	301	1,476	151,232	1,299	152,531

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. ³ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. ⁴ For States not published, sales are nominal. Included in milk sold to plants. ⁵ May not add due to rounding.

**Milk Marketed by Producers: Quantity, Price, and Cash Receipts
by State and United States, 1996**

State	Milk Sold to Plants and Dealers ¹				Milk Sold Directly to Consumers ²		
	Quantity	Percent Fluid Grade ³	Price per 100 Lbs	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>1,000 Qts</i>	<i>Dollars</i>	<i>1,000 Dol</i>
AL	430	100	16.40	70,520			
AK	12.5	100	20.30	2,538	93	0.75	70
AZ	2,464	100	14.50	357,280			
AR	660	99	16.00	105,600			
CA	25,239	96	13.66	3,447,647	266,977	1.00	266,977
CO	1,560	100	14.60	227,760	20,465	0.88	18,009
CT	479	100	15.60	74,724	6,047	0.70	4,233
DE	139.0	100	15.30	21,267			
FL	2,396	100	18.00	431,280			
GA	1,470	100	16.30	239,610			
HI	125.9	100	23.22	29,234			
ID	4,695	93	13.90	652,605			
IL	2,216	95	15.00	332,400			
IN	2,126	93	14.70	312,522			
IA	3,724	90	14.50	539,980			
KS	1,185	97	14.20	168,270			
KY	1,812	98	15.40	279,048			
LA	823	100	16.20	133,326			
ME	632	100	15.70	99,224	3,721	0.60	2,233
MD	1,302	100	15.30	199,206			
MA	418	100	15.70	65,626	7,442	0.65	4,837
MI	5,360	99	15.00	804,000	6,977	0.50	3,489
MN	9,330	90	14.60	1,362,180			
MS	655	100	16.10	105,455			
MO	2,404	93	15.10	363,004			
MT	294	100	15.20	44,688			
NE	1,025	92	14.40	147,600			
NV	465	100	13.40	62,310			
NH	319	100	15.60	49,764			
NJ	293	100	15.30	44,829			
NM	3,696	100	13.80	510,048	19,070	0.73	13,921
NY	11,320	100	14.90	1,686,680	5,581	0.67	3,739
NC	1,283	99	16.70	214,261			
ND	785	57	13.70	107,545			
OH	4,330	94	15.00	649,500			
OK	1,236	100	15.70	194,052			
OR	1,519	98	14.50	220,255	27,907	0.60	16,744
PA	10,130	99	15.50	1,570,150	120,930	0.56	67,721
RI	30.8	100	15.60	4,805			
SC	375	100	16.30	61,125	1,395	0.76	1,060
SD	1,460	58	14.50	211,700			
TN	1,620	98	15.80	255,960			
TX	6,098	100	15.10	920,798			
UT	1,472	91	14.00	206,080	22,326	0.60	13,396
VT	2,533	100	15.30	387,549	2,791	0.69	1,926
VA	1,790	99	16.20	289,980			
WA	5,052	100	14.50	732,540	92,558	0.60	55,535
WV	249	99	15.20	37,848			
WI	22,114	92	14.75	3,261,815			
WY	85.4	81	13.30	11,358			
US ⁴	151,232	96	14.75	22,307,546	604,279	0.784	473,889

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers. ² Not published to avoid disclosing individual operations. Based on unrounded value. Includes milk sold directly to consumers and milk produced by institutional herds.

³ Percentage of milk sold to plants and dealers that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. ⁴ May not add due to rounding.

**Marketings, Income, and Value of Milk Production:
By State and United States, 1996**

State	Combined Marketings of Milk & Cream				Used for Milk Cream & Butter Where Produced		Gross Producer Income ³	Value of Milk Produced ^{2 4}
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value ²		
		Per Cwt Milk ¹	Per Lb Milkfat ¹					
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>Mil lbs</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	430	16.40	4.59	70,520	1	164	70,684	71,176
AK	12.7	20.54	5.90	2,608	0.3	62	2,670	2,772
AZ	2,464	14.50	4.04	357,280	1	145	357,425	358,730
AR	660	16.00	4.44	105,600	5	800	106,400	108,000
CA	25,813	14.39	3.93	3,714,624	5	720	3,715,344	3,719,661
CO	1,604	15.32	4.20	245,769	8	1,226	246,995	250,212
CT	492	16.05	4.37	78,957	1	160	79,117	80,080
DE	139.0	15.30	4.11	21,267			21,267	21,420
FL	2,396	18.00	5.03	431,280	1	180	431,460	432,180
GA	1,470	16.30	4.53	239,610	1	163	239,773	242,218
HI	125.9	23.22	6.75	29,234	1.0	232	29,466	29,954
ID	4,695	13.90	3.84	652,605	5	695	653,300	658,165
IL	2,216	15.00	3.98	332,400	3	450	332,850	337,050
IN	2,126	14.70	3.94	312,522	10	1,470	313,992	318,402
IA	3,724	14.50	3.89	539,980	20	2,900	542,880	548,680
KS	1,185	14.20	3.88	168,270	2	284	168,554	170,400
KY	1,812	15.40	4.25	279,048	13	2,002	281,050	286,440
LA	823	16.20	4.63	133,326	4	648	133,974	135,756
ME	640	15.85	4.32	101,457	1	159	101,616	102,725
MD	1,302	15.30	4.11	199,206	3	459	199,665	200,736
MA	434	16.24	4.34	70,463	1	162	70,625	71,437
MI	5,375	15.02	4.07	807,489	5	751	808,240	815,752
MN	9,330	14.60	3.90	1,362,180	18	2,628	1,364,808	1,378,240
MS	655	16.10	4.54	105,455	1	161	105,616	105,938
MO	2,404	15.10	4.15	363,004	9	1,359	364,363	368,893
MT	294	15.20	4.25	44,688	5	760	45,448	46,664
NE	1,025	14.40	3.86	147,600	10	1,440	149,040	151,200
NV	465	13.40	3.73	62,310	1	134	62,444	62,980
NH	319	15.60	4.18	49,764	1	156	49,920	50,544
NJ	293	15.30	4.17	44,829	1	153	44,982	45,441
NM	3,737	14.02	3.95	523,969	6	841	524,810	526,212
NY	11,332	14.92	4.03	1,690,419	33	4,923	1,695,342	1,716,972
NC	1,283	16.70	4.55	214,261	12	2,004	216,265	218,436
ND	785	13.70	3.71	107,545	2	274	107,819	110,148
OH	4,330	15.00	4.01	649,500	7	1,050	650,550	654,000
OK	1,236	15.70	4.34	194,052	1	157	194,209	195,465
OR	1,579	15.01	4.12	236,999	4	600	237,599	241,352
PA	10,390	15.76	4.25	1,637,871	21	3,310	1,641,181	1,652,689
RI	30.8	15.60	4.39	4,805			4,805	4,867
SC	378	16.45	4.47	62,185	1	165	62,350	62,679
SD	1,460	14.50	3.89	211,700	2	290	211,990	213,730
TN	1,620	15.80	4.38	255,960	1	158	256,118	257,540
TX	6,098	15.10	4.22	920,798	5	755	921,553	924,120
UT	1,520	14.44	3.98	219,476	3	433	219,909	223,375
VT	2,539	15.34	4.10	389,475	5	767	390,242	394,076
VA	1,790	16.20	4.46	289,980	3	486	290,466	292,410
WA	5,251	15.01	4.12	788,075	1	150	788,225	792,277
WV	249	15.20	4.08	37,848	1	152	38,000	38,304
WI	22,114	14.75	3.88	3,261,815	55	8,113	3,269,928	3,300,460
WY	85.4	13.30	3.65	11,358	0.4	53	11,411	11,757
US ⁵	152,531	14.94	4.05	22,781,435	301	45,304	22,826,739	23,002,715

¹ Cash receipts divided by milkfat represented in combined marketings. ² Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁴ Includes value of milk fed to calves. ⁵ May not add due to rounding.

**Milk Cows and Production of Milk and Milkfat: By State
and United States, 1997¹**

State	Number of Milk Cows ²	Production of Milk and Milkfat ³				
		Per Milk Cow		Percentage of Fat in All Milk Produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	31	13,484	484	3.59	418	15.0
AK	0.9	16,667	562	3.37	15.00	0.5
AZ	127	20,976	747	3.56	2,664	94.8
AR	53	11,981	423	3.53	635	22.4
CA	1,391	19,829	722	3.64	27,582	1,004.0
CO	84	19,988	720	3.60	1,679	60.4
CT	30	16,967	618	3.64	509	18.5
DE	10.0	14,800	543	3.67	148.0	5.4
FL	160	15,475	554	3.58	2,476	88.6
GA	97	15,340	549	3.58	1,488	53.3
HI	9.1	13,516	462	3.42	123	4.2
ID	272	19,092	676	3.54	5,193	183.8
IL	133	16,564	615	3.71	2,203	81.7
IN	137	15,978	590	3.69	2,189	80.8
IA	230	16,057	597	3.72	3,693	137.4
KS	81	15,864	579	3.65	1,285	46.9
KY	148	12,264	442	3.60	1,815	65.3
LA	66	12,030	417	3.47	794	27.6
ME	41	16,146	588	3.64	662	24.1
MD	86	15,419	566	3.67	1,326	48.7
MA	26	16,692	618	3.70	434	16.1
MI	306	17,680	645	3.65	5,410	197.5
MN	569	16,186	604	3.73	9,210	343.5
MS	47	13,489	479	3.55	634	22.5
MO	177	13,345	486	3.64	2,362	86.0
MT	19	15,526	550	3.54	295	10.4
NE	69	15,072	556	3.69	1,040	38.4
NV	26	18,346	659	3.59	477	17.1
NH	20	16,400	618	3.77	328	12.4
NJ	21	14,238	515	3.62	299	10.8
NM	202	19,856	695	3.50	4,011	140.4
NY	699	16,495	605	3.67	11,530	423.2
NC	79	16,506	601	3.64	1,304	47.5
ND	56	12,732	466	3.66	713	26.1
OH	270	16,352	603	3.69	4,415	162.9
OK	92	13,576	486	3.58	1,249	44.7
OR	90	17,889	653	3.65	1,610	58.8
PA	629	16,951	614	3.62	10,662	386.0
RI	2.0	15,950	558	3.50	31.9	1.1
SC	26	15,269	559	3.66	397	14.5
SD	105	13,181	488	3.70	1,384	51.2
TN	113	14,239	508	3.57	1,609	57.4
TX	378	15,259	546	3.58	5,768	206.5
UT	91	16,923	609	3.60	1,540	55.4
VT	160	16,250	605	3.72	2,600	96.7
VA	125	14,864	529	3.56	1,858	66.1
WA	253	20,968	763	3.64	5,305	193.1
WV	18	14,778	542	3.67	266	9.8
WI	1,393	16,057	605	3.77	22,368	843.3
WY	6.6	12,697	461	3.63	83.8	3.0
US	9,252	16,871	617	3.66	156,091	5,705.9

¹ May not add due to rounding.

² Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding.

³ Excludes milk sucked by calves.

Milk Used and Marketed by Producers: By State and United States, 1997

State	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Sold to Plants and Dealers ²	Sold Directly to Consumers ^{3 4}	Total
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	3	1	4	414		414
AK	0.5	0.4	0.9	13.9	0.2	14.1
AZ	10	1	11	2,653		2,653
AR	10	4	14	621		621
CA	22	3	25	26,992	565	27,557
CO	38	8	46	1,590	43	1,633
CT	6	1	7	488	14	502
DE	1.0		1.0	147.0		147.0
FL	4	1	5	2,471		2,471
GA	12	1	13	1,475		1,475
HI	2.5	1.2	3.7	119.3		119.3
ID	35	5	40	5,153		5,153
IL	20	2	22	2,181		2,181
IN	30	10	40	2,149		2,149
IA	35	18	53	3,640		3,640
KS	13	1	14	1,271		1,271
KY	31	10	41	1,774		1,774
LA	12	3	15	779		779
ME	8	1	9	645	8	653
MD	7	3	10	1,316		1,316
MA	5	1	6	412	16	428
MI	41	4	45	5,350	15	5,365
MN	95	15	110	9,100		9,100
MS	3	1	4	630		630
MO	27	6	33	2,329		2,329
MT	7	4	11	284		284
NE	15	10	25	1,015		1,015
NV	5	1	6	471		471
NH	4	1	5	323		323
NJ	4	1	5	294		294
NM	13	6	19	3,946	46	3,992
NY	130	25	155	11,363	12	11,375
NC	12	10	22	1,282		1,282
ND	15	2	17	696		696
OH	22	8	30	4,385		4,385
OK	15	2	17	1,232		1,232
OR	25	5	30	1,515	65	1,580
PA	69	11	80	10,322	260	10,582
RI	0.4		0.4	31.5		31.5
SC	2	1	3	392	2	394
SD	12	2	14	1,370		1,370
TN	8	1	9	1,600		1,600
TX	19	2	21	5,747		5,747
UT	18	2	20	1,473	47	1,520
VT	25	5	30	2,564	6	2,570
VA	13	2	15	1,843		1,843
WA	30	1	31	5,081	193	5,274
WV	2	1	3	263		263
WI	200	51	251	22,117		22,117
WY	1.4	0.2	1.6	82.2		82.2
US ⁵	1,138	256	1,394	153,405	1,292	154,697

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. ³ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. ⁴ For States not published, sales are nominal. Included in milk sold to plants. ⁵ May not add due to rounding.

**Milk Marketed by Producers: Quantity, Price, and Cash Receipts
by State and United States, 1997**

State	Milk Sold to Plants and Dealers ¹				Milk Sold Directly to Consumers ²		
	Quantity	Percent Fluid Grade ³	Price per 100 Lbs	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	<i>Mil Lbs</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>1,000 Qts</i>	<i>Dollars</i>	<i>1,000 Dol</i>
AL	414	100	14.80	61,272			
AK	13.9	100	20.30	2,822	93	0.75	70
AZ	2,653	100	13.00	344,890			
AR	621	99	14.50	90,045			
CA	26,992	99	12.62	3,406,390	262,791	0.85	223,372
CO	1,590	100	13.00	206,700	20,000	0.82	16,400
CT	488	100	14.60	71,248	6,512	0.75	4,884
DE	147.0	100	13.80	20,286			
FL	2,471	100	16.50	407,715			
GA	1,475	100	14.70	216,825			
HI	119.3	100	24.71	29,479			
ID	5,153	96	12.30	633,819			
IL	2,181	95	13.60	296,616			
IN	2,149	93	13.00	279,370			
IA	3,640	94	13.40	487,760			
KS	1,271	97	12.80	162,688			
KY	1,774	98	13.70	243,038			
LA	779	100	14.30	111,397			
ME	645	100	14.50	93,525	3,721	0.57	2,121
MD	1,316	100	13.80	181,608			
MA	412	100	14.70	60,564	7,442	0.75	5,582
MI	5,350	99	13.60	727,600	6,977	0.65	4,535
MN	9,100	92	13.19	1,200,290			
MS	630	100	14.40	90,720			
MO	2,329	94	13.70	319,073			
MT	284	100	13.20	37,488			
NE	1,015	94	13.20	133,980			
NV	471	100	11.90	56,049			
NH	323	100	14.60	47,158			
NJ	294	100	13.80	40,572			
NM	3,946	100	12.90	509,034	21,395	0.79	16,902
NY	11,363	100	13.40	1,522,642	5,581	0.63	3,516
NC	1,282	99	15.10	193,582			
ND	696	59	12.40	86,304			
OH	4,385	94	13.30	583,205			
OK	1,232	100	13.80	170,016			
OR	1,515	99	13.20	199,980	30,233	0.60	18,140
PA	10,322	99	14.00	1,445,080	120,930	0.58	70,139
RI	31.5	100	14.50	4,568			
SC	392	100	14.50	56,840	930	0.78	725
SD	1,370	60	13.20	180,840			
TN	1,600	98	14.10	225,600			
TX	5,747	100	13.70	787,339			
UT	1,473	91	12.30	181,179	21,860	0.67	14,646
VT	2,564	100	14.30	366,652	2,791	0.70	1,954
VA	1,843	99	14.00	258,020			
WA	5,081	100	13.20	670,692	89,767	0.64	57,451
WV	263	99	13.50	35,505			
WI	22,117	93	13.33	2,948,196			
WY	82.2	81	12.20	10,028			
US ⁴	153,405	97	13.36	20,496,289	601,023	0.733	440,437

¹ Includes the equivalent amounts of milk for cream sold to plants and dealers. ² Not published to avoid disclosing individual operations. Based on unrounded value. Includes milk sold directly to consumers and milk produced by institutional herds.

³ Percentage of milk sold to plants and dealers that is eligible for fluid use (grade A for fluid use in most States). Includes fluid-grade milk used in manufacturing dairy products. ⁴ May not add due to rounding.

**Marketings, Income, and Value of Milk Production:
By State and United States, 1997**

State	Combined Marketings of Milk & Cream				Used for Milk Cream & Butter Where Produced		Gross Producer Income ³	Value of Milk Produced ^{2 4}
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value ²		
		Per Cwt Milk ¹	Per Lb Milkfat ¹					
	<i>Mil Lbs</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dol</i>	<i>Mil lbs</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AL	414	14.80	4.12	61,272	1	148	61,420	61,864
AK	14.1	20.51	6.09	2,892	0.4	82	2,974	3,077
AZ	2,653	13.00	3.65	344,890	1	130	345,020	346,320
AR	621	14.50	4.11	90,045	4	580	90,625	92,075
CA	27,557	13.17	3.62	3,629,762	3	395	3,630,157	3,633,055
CO	1,633	13.66	3.79	223,100	8	1,093	224,193	229,385
CT	502	15.17	4.17	76,132	1	152	76,284	77,194
DE	147.0	13.80	3.76	20,286			20,286	20,424
FL	2,471	16.50	4.61	407,715	1	165	407,880	408,540
GA	1,475	14.70	4.11	216,825	1	147	216,972	218,736
HI	119.3	24.71	7.23	29,479	1.2	297	29,776	30,393
ID	5,153	12.30	3.47	633,819	5	615	634,434	638,739
IL	2,181	13.60	3.67	296,616	2	272	296,888	299,608
IN	2,149	13.00	3.52	279,370	10	1,300	280,670	284,570
IA	3,640	13.40	3.60	487,760	18	2,412	490,172	494,862
KS	1,271	12.80	3.51	162,688	1	128	162,816	164,480
KY	1,774	13.70	3.81	243,038	10	1,370	244,408	248,655
LA	779	14.30	4.12	111,397	3	429	111,826	113,542
ME	653	14.65	4.02	95,646	1	146	95,792	96,964
MD	1,316	13.80	3.76	181,608	3	414	182,022	182,988
MA	428	15.45	4.18	66,146	1	155	66,301	67,073
MI	5,365	13.65	3.74	732,135	4	546	732,681	738,276
MN	9,100	13.19	3.54	1,200,290	15	1,979	1,202,269	1,214,799
MS	630	14.40	4.06	90,720	1	144	90,864	91,296
MO	2,329	13.70	3.76	319,073	6	822	319,895	323,594
MT	284	13.20	3.73	37,488	4	528	38,016	38,940
NE	1,015	13.20	3.58	133,980	10	1,320	135,300	137,280
NV	471	11.90	3.31	56,049	1	119	56,168	56,763
NH	323	14.60	3.87	47,158	1	146	47,304	47,888
NJ	294	13.80	3.81	40,572	1	138	40,710	41,262
NM	3,992	13.17	3.76	525,936	6	790	526,726	528,439
NY	11,375	13.42	3.66	1,526,158	25	3,354	1,529,512	1,546,954
NC	1,282	15.10	4.15	193,582	10	1,510	195,092	196,904
ND	696	12.40	3.39	86,304	2	248	86,552	88,412
OH	4,385	13.30	3.60	583,205	8	1,064	584,269	587,195
OK	1,232	13.80	3.85	170,016	2	276	170,292	172,362
OR	1,580	13.81	3.78	218,120	5	690	218,810	222,262
PA	10,582	14.32	3.96	1,515,219	11	1,575	1,516,794	1,526,674
RI	31.5	14.50	4.14	4,568			4,568	4,626
SC	394	14.61	3.99	57,565	1	146	57,711	58,003
SD	1,370	13.20	3.57	180,840	2	264	181,104	182,688
TN	1,600	14.10	3.95	225,600	1	141	225,741	226,869
TX	5,747	13.70	3.83	787,339	2	274	787,613	790,216
UT	1,520	12.88	3.58	195,825	2	258	196,083	198,402
VT	2,570	14.34	3.86	368,606	5	717	369,323	372,909
VA	1,843	14.00	3.93	258,020	2	280	258,300	260,120
WA	5,274	13.81	3.79	728,143	1	138	728,281	732,423
WV	263	13.50	3.68	35,505	1	135	35,640	35,910
WI	22,117	13.33	3.54	2,948,196	51	6,798	2,954,994	2,981,654
WY	82.2	12.20	3.36	10,028	0.2	24	10,052	10,223
US ⁵	154,697	13.53	3.70	20,936,726	256	34,854	20,971,580	21,125,886

¹ Cash receipts divided by milkfat represented in combined marketings. ² Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁴ Includes value of milk fed to calves. ⁵ May not add due to rounding.

Supply and Utilization of Milk: United States, 1993-95 ¹

Item	1993	1994	1995
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
SUPPLY			
Milk Production	150,636	153,602	155,292
Net Imports of Ingredients (M.E.) ²	127	148	144
Net Change in Storage Cream (M.E.) ³	5	-1	1
Total Supply	150,768	153,749	155,437
UTILIZATION			
Used in Manufactured Products (M.E.)			
Creamery Butter	29,493	29,127	28,388
Butter from Whey Cream	4,500	4,592	4,735
Net Milk Equivalent	24,993	24,535	23,653
Cheese			
American	29,415	29,651	31,175
Other	20,456	21,492	21,412
Canned Milk			
Evaporated, Sweetened Condensed	1,178	1,184	1,049
Bulk Condensed Whole Milk, Unsweetened	244	205	203
Bulk Condensed Whole Milk, Sweetened	324	277	254
Dry Whole Milk	1,130	1,227	1,262
Ice Cream and Other Frozen Dairy Products	14,058	15,265	15,094
Butter and Condensed Milk, Used in Ice Cream	1,995	2,083	2,053
Net Milk Equivalent	12,063	13,182	13,041
Other Manufactured Products ⁴	756	740	746
Total Manufactured Products	90,559	92,493	92,795
Available for Use in Fluid Products			
Sold by Dealers	54,361	53,583	55,114
Sold by Producers Directly to Consumers ⁵	958	1,266	1,294
Total Available for Fluid Products ⁶	55,319	54,849	56,408
Used Where Produced			
Fed to Calves	1,330	1,267	1,216
Consumed on Farms	415	390	340
Total Used by Producers	1,745	1,657	1,556
Residual ⁷	3,145	4,750	4,678
Total Utilization	150,768	153,749	155,437

See footnotes at end of table.

--continued

Supply and Utilization of Milk: United States, 1996-97 ¹

Item	1996	1997
	<i>Million Pounds</i>	<i>Million Pounds</i>
SUPPLY		
Milk Production	154,006	156,091
Net Imports of Ingredients (M.E.) ²	185	168
Net Change in Storage Cream (M.E.) ³	NA	NA
Total Supply	154,191	156,259
UTILIZATION		
Used in Manufactured Products (M.E.)		
Creamery Butter	26,187	25,714
Butter from Whey Cream	4,911	4,939
Net Milk Equivalent	21,276	20,775
Cheese		
American	32,551	32,760
Other	21,386	22,400
Canned Milk		
Evaporated, Sweetened Condensed	1,013	1,208
Bulk Condensed Whole Milk, Unsweetened	242	227
Bulk Condensed Whole Milk, Sweetened	266	276
Dry Whole Milk	983	898
Ice Cream and Other Frozen Dairy Products	15,248	15,856
Butter and Condensed Milk, Used in Ice Cream	2,058	2,116
Net Milk Equivalent	13,190	13,740
Other Manufactured Products ⁴	678	686
Total Manufactured Products	91,585	92,970
Available for Use in Fluid Products		
Sold by Dealers	55,565	55,382
Sold by Producers Directly to Consumers ⁵	1,299	1,292
Total Available for Fluid Products ⁶	56,864	56,674
Used Where Produced		
Fed to Calves	1,175	1,138
Consumed on Farms	301	256
Total Used by Producers	1,476	1,394
Residual ⁷	4,266	5,221
Total Utilization	154,191	156,259

See footnotes at end of table.

--continued

- ¹ Milk production plus the milk equivalent (ME) of net imports of dairy manufacturing ingredients and net out-of-storage movement of cream equals total supply. Data on milk used in manufacturing products are based on total milkfat required to produce the products and include the milk equivalent of any imported dairy ingredients used.
- ² Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.
- ³ Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.
- ⁴ Includes cottage cheese, anhydrous milkfat, butter oil, and butterine.
- ⁵ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.
- ⁶ Total sales in U.S. (USDA-AMS).
- ⁷ Residual, includes minor miscellaneous uses and any inaccuracies in production, utilization estimates, or milk equivalent conversions..

Index

Page

Marketings, Income, and Value of Milk Production: by State and United States, 1993	9
Marketings, Income, and Value of Milk Production: by State and United States, 1994	13
Marketings, Income, and Value of Milk Production: by State and United States, 1995	17
Marketings, Income, and Value of Milk Production: by State and United States, 1996	21
Marketings, Income, and Value of Milk Production: by State and United States, 1997	25
Marketings, Income, and Value of Milk Production: United States, 1993-97	5
Milk Cows and Production of Milk and Milkfat: by State and United States, 1993	6
Milk Cows and Production of Milk and Milkfat: by State and United States, 1994	10
Milk Cows and Production of Milk and Milkfat: by State and United States, 1995	14
Milk Cows and Production of Milk and Milkfat: by State and United States, 1996	18
Milk Cows and Production of Milk and Milkfat: by State and United States, 1997	22
Milk Cows and Production of Milk and Milkfat: United States, 1993-97	4
Milk Marketed by Producers: Quantity, Price, and Cash Receipts by State and United States, 1993	8
Milk Marketed by Producers: Quantity, Price, and Cash Receipts by State and United States, 1994	12
Milk Marketed by Producers: Quantity, Price, and Cash Receipts by State and United States, 1995	16

--- continued

Index (continued)

Page

Milk Marketed by Producers: Quantity, Price, and Cash Receipts by State and United States, 1996	20
Milk Marketed by Producers: Quantity, Price, and Cash Receipts by State and United States, 1997	24
Milk Marketed by Producers: Quantity, Price, and Cash Receipts United States, 1993-97	4
Milk Used and Marketed by Producers: by State and United States, 1993	7
Milk Used and Marketed by Producers: by State and United States, 1994	11
Milk Used and Marketed by Producers: by State and United States, 1995	15
Milk Used and Marketed by Producers: by State and United States, 1996	19
Milk Used and Marketed by Producers: by State and United States, 1997	23
Milk Used and Marketed by Producers: United States, 1993-97	4
Supply and Utilization of Milk: United States, 1993-97	26