



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



Statistical
Bulletin
Number 996

Milk Disposition and Income Final Estimates 1998-2002

May 2004

USDA



Contents

	Page
Summary	1
Milk Cows, Production, Milk Used, Marketed, and Value, United States, 1998-2002	2
Milk Cows, Production, Milk Used, Marketed, and Value	
By State and United States, 1998	4
By State and United States, 1999	7
By State and United States, 2000	10
By State and United States, 2001	13
By State and United States, 2002	16
Index	19
Statistical Bulletin Publication Schedule and other ASB Services	20

Summary

Milk Disposition and Income: Final Estimates by State, 1998-2002, U.S. Department of Agriculture, Agricultural Statistics Board, National Agricultural Statistics Service, Statistical Bulletin No. 996.

Introduction: This bulletin presents final estimates, including revisions made by the Agricultural Statistics Board (ASB), for the production years 1998 through 2002. The disposition and income from milk production for 1998-2002 were published during calendar years 1999-2003. Data included in this publication provide a historic record and a benchmark for current estimates. Number of milk cows, production per cow, total production of milk cows were published in Statistical Bulletin No. 988.

Procedures: Revisions were made after a thorough review of the original survey data and all additional data now available, including the 2002 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 1998-2002 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-half of one percent.

**Milk Disposition: Total Milk Production and Cash Receipts
from Marketings, United States, 1998-2002**

Year	Total Milk Production			Cash Receipts from Marketings		
	From	To	Change	From	To	Change
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>Percent</i>
1998	157,348	157,262	-0.1	24,114,036	24,105,134	-
1999	162,716	162,589	-0.1	23,207,099	23,189,113	-0.1
2000	167,559	167,393	-0.1	20,607,889	20,586,629	-0.1
2001	165,497	165,332	-0.1	24,709,749	24,685,667	-0.1
2002	170,063	170,063	-	20,582,238	20,582,238	-

Historic Estimates: Final estimates of Milk Disposition and Income in earlier years are available in Statistical Bulletins No. 960 for 1993-97, 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.

**Milk Cows and Production of Milk and Milkfat:
United States, 1998-2002**

Year	Number of Milk Cows ¹	Production of Milk and Milkfat ²				
		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>
1998	9,151	17,185	629	3.66	157,262	5,758.5
1999	9,153	17,763	652	3.67	162,589	5,969.8
2000	9,199	18,197	670	3.68	167,393	6,164.4
2001	9,103	18,162	667	3.67	165,332	6,072.5
2002	9,139	18,608	685	3.68	170,063	6,263.9

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

**Quantity of Milk Used and Marketed by Producers:
United States, 1998-2002**

Year	Milk Used Where Produced			Milk Marketed by Producers	
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Total ²	Fluid Grade ³
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
1998	1,142	235	1,377	155,885	97
1999	1,107	219	1,326	161,263	98
2000	1,109	198	1,307	166,086	98
2001	1,036	173	1,209	164,123	98
2002	959	160	1,119	168,944	98

¹ Excludes milk sucked by calves.

² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds.

³ Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufacturing dairy products.

**Marketings, Income, and Value of Milk Production:
United States, 1998-2002**

Year	Combined Marketings of Milk and Cream			
	Milk Utilized	Average Returns ¹		Cash Receipts from Marketings
		Per 100 Pounds of Milk	Per Pound of Milkfat	
	<i>Million Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
1998	155,885	15.46	4.22	24,105,134
1999	161,263	14.38	3.92	23,189,113
2000	166,086	12.40	3.37	20,586,629
2001	164,123	15.04	4.10	24,685,667
2002	168,944	12.18	3.31	20,582,238
	Combined Marketings of Milk and Cream			
	Used for Milk, Cream and Butter Where Produced		Gross Producers Income ³	Value of All Milk Produced ^{2 4}
	Milk Utilized	Value ²		
	<i>Million Pounds</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
1998	235	36,487	24,141,621	24,318,718
1999	219	32,021	23,221,134	23,381,760
2000	198	24,777	20,611,406	20,749,871
2001	173	26,269	24,711,936	24,869,285
2002	160	19,816	20,602,054	20,720,482

¹ Cash receipts divided by milk or milkfat in combined marketings.

² Value 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.

⁴ Includes value of milk fed to calves.

**Milk Cows and Production of Milk and Milkfat: By State
and United States, 1998 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	28	13,786	505	3.66	386	14.1
AK	0.9	15,922	535	3.36	14.33	0.5
AZ	131	20,458	730	3.57	2,680	95.7
AR	45	12,000	432	3.60	540	19.4
CA	1,420	19,451	714	3.67	27,620	1,013.7
CO	83	20,349	737	3.62	1,689	61.1
CT	30	17,633	638	3.62	529	19.1
DE	10.9	14,624	540	3.69	159.4	5.9
FL	160	14,606	523	3.58	2,337	83.7
GA	93	15,452	558	3.61	1,437	51.9
HI	8.9	14,494	497	3.43	129.0	4.4
ID	292	19,743	705	3.57	5,765	205.8
IL	128	16,570	611	3.69	2,121	78.3
IN	136	16,103	591	3.67	2,190	80.4
IA	222	17,167	640	3.73	3,811	142.2
KS	82	16,037	584	3.64	1,315	47.9
KY	140	12,214	442	3.62	1,710	61.9
LA	63	11,921	412	3.46	751	26.0
ME	41	16,585	610	3.68	680	25.0
MD	86	15,581	575	3.69	1,340	49.4
MA	26	16,846	622	3.69	438	16.2
MI	299	17,943	651	3.63	5,365	194.7
MN	551	16,833	623	3.70	9,275	343.2
MS	42	13,786	496	3.60	579	20.8
MO	170	13,924	507	3.64	2,367	86.2
MT	18	16,167	577	3.57	291	10.4
NE	70	15,000	554	3.69	1,050	38.7
NV	26	19,350	695	3.59	502	18.0
NH	20	16,650	621	3.73	333	12.4
NJ	19	15,368	542	3.53	292	10.3
NM	217	20,065	704	3.51	4,354	152.8
NY	701	16,762	613	3.66	11,750	430.1
NC	75	16,680	612	3.67	1,251	45.9
ND	51	13,843	508	3.67	706	25.9
OH	264	16,705	616	3.69	4,410	162.7
OK	92	13,435	477	3.55	1,236	43.9
OR	89	17,787	649	3.65	1,583	57.8
PA	623	17,411	644	3.70	10,847	401.3
RI	2.1	15,714	581	3.70	33.0	1.2
SC	25	14,960	548	3.66	374	13.7
SD	99	14,000	517	3.69	1,386	51.1
TN	105	14,295	520	3.64	1,501	54.6
TX	352	15,923	568	3.57	5,605	200.1
UT	90	16,811	610	3.63	1,513	54.9
VT	161	16,460	609	3.70	2,650	98.1
VA	124	14,847	540	3.64	1,841	67.0
WA	248	21,476	786	3.66	5,326	194.9
WV	18	15,444	570	3.69	278	10.3
WI	1,369	16,685	622	3.73	22,842	852.0
WY	6.1	13,082	474	3.62	79.8	2.9
US	9,151	17,185	629	3.66	157,262	5,758.5

¹ May not add due to rounding.

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

³ Excludes milk sucked by calves.

**Quantity of Milk Used and Marketed by Producers:
By State and United States, 1998**

State	Milk Used Where Produced			Milk Marketed by Producers	
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Total Quantity ²	Fluid Grade ³
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AL	3	1	4	382	100
AK	0.5	0.4	0.9	13.43	100
AZ	11	1	12	2,668	100
AR	10	3	13	527	100
CA	38	8	46	27,574	99
CO	27	7	34	1,655	100
CT	5	1	6	523	100
DE	1.0		1.0	158.4	100
FL	4	1	5	2,332	100
GA	11	1	12	1,425	100
HI	1.8	0.9	2.7	126.3	100
ID	43	4	47	5,718	97
IL	19	2	21	2,100	97
IN	30	10	40	2,150	95
IA	27	10	37	3,774	94
KS	12	1	13	1,302	98
KY	29	10	39	1,671	98
LA	11	2	13	738	100
ME	8	1	9	671	100
MD	6	3	9	1,331	100
MA	5	1	6	432	100
MI	40	5	45	5,320	99
MN	95	10	105	9,170	93
MS	3	1	4	575	100
MO	25	5	30	2,337	95
MT	6	4	10	281	100
NE	15	5	20	1,030	94
NV	4	1	5	497	100
NH	5	1	6	327	100
NJ	3	1	4	288	100
NM	13	6	19	4,335	100
NY	130	17	147	11,603	100
NC	12	8	20	1,231	99
ND	14	2	16	690	65
OH	24	10	34	4,376	93
OK	12	4	16	1,220	100
OR	21	4	25	1,558	99
PA	65	11	76	10,771	99
RI	0.7		0.7	32.3	100
SC	2	1	3	371	100
SD	11	2	13	1,373	93
TN	10	1	11	1,490	99
TX	21	1	22	5,583	100
UT	10	2	12	1,501	91
VT	28	5	33	2,617	100
VA	11	2	13	1,828	99
WA	26	1	27	5,299	100
WV	2	1	3	275	100
WI	229	55	284	22,558	94
WY	1.7	0.2	1.9	77.9	80
US ⁴	1,142	235	1,377	155,885	97

¹ Excludes milk sucked by calves. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A 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, 1998**

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	382	16.50	4.51	63,030	1	165	63,195	63,690
AK	13.43	20.30	6.04	2,726	0.4	81	2,807	2,909
AZ	2,668	14.60	4.09	389,528	1	146	389,674	391,280
AR	527	15.60	4.33	82,212	3	468	82,680	84,240
CA	27,574	15.01	4.09	4,138,857	8	1,201	4,140,058	4,145,762
CO	1,655	15.70	4.34	259,835	7	1,099	260,934	265,173
CT	523	16.50	4.56	86,295	1	165	86,460	87,285
DE	158.4	15.70	4.25	24,869			24,869	25,026
FL	2,332	18.20	5.08	424,424	1	182	424,606	425,334
GA	1,425	16.60	4.60	236,550	1	166	236,716	238,542
HI	126.3	26.36	7.69	33,293	0.9	237	33,530	34,004
ID	5,718	14.50	4.06	829,110	4	580	829,690	835,925
IL	2,100	15.10	4.09	317,100	2	302	317,402	320,271
IN	2,150	14.80	4.03	318,200	10	1,480	319,680	324,120
IA	3,774	15.40	4.13	581,196	10	1,540	582,736	586,894
KS	1,302	14.70	4.04	191,394	1	147	191,541	193,305
KY	1,671	15.50	4.28	259,005	10	1,550	260,555	265,050
LA	738	16.20	4.68	119,556	2	324	119,880	121,662
ME	671	16.30	4.43	109,373	1	163	109,536	110,840
MD	1,331	15.70	4.25	208,967	3	471	209,438	210,380
MA	432	17.00	4.61	73,440	1	170	73,610	74,460
MI	5,320	15.30	4.21	813,960	5	765	814,725	820,845
MN	9,170	15.55	4.20	1,425,935	10	1,555	1,427,490	1,442,263
MS	575	16.20	4.50	93,150	1	162	93,312	93,798
MO	2,337	15.60	4.29	364,572	5	780	365,352	369,252
MT	281	15.00	4.20	42,150	4	600	42,750	43,650
NE	1,030	15.10	4.09	155,530	5	755	156,285	158,550
NV	497	13.80	3.84	68,586	1	138	68,724	69,276
NH	327	16.30	4.37	53,301	1	163	53,464	54,279
NJ	288	15.60	4.42	44,928	1	156	45,084	45,552
NM	4,335	14.80	4.22	641,580	6	888	642,468	644,392
NY	11,603	15.40	4.21	1,786,862	17	2,618	1,789,480	1,809,500
NC	1,231	16.90	4.60	208,039	8	1,352	209,391	211,419
ND	690	14.30	3.90	98,670	2	286	98,956	100,958
OH	4,376	15.20	4.12	665,152	10	1,520	666,672	670,320
OK	1,220	15.60	4.39	190,320	4	624	190,944	192,816
OR	1,558	16.00	4.38	249,280	4	640	249,920	253,280
PA	10,771	16.00	4.32	1,723,360	11	1,760	1,725,120	1,735,520
RI	32.3	16.30	4.41	5,265			5,265	5,379
SC	371	16.50	4.51	61,215	1	165	61,380	61,710
SD	1,373	15.50	4.20	212,815	2	310	213,125	214,830
TN	1,490	15.90	4.37	236,910	1	159	237,069	238,659
TX	5,583	15.70	4.40	876,531	1	157	876,688	879,985
UT	1,501	15.40	4.24	231,154	2	308	231,462	233,002
VT	2,617	16.00	4.32	418,720	5	800	419,520	424,000
VA	1,828	16.20	4.45	296,136	2	324	296,460	298,242
WA	5,299	15.90	4.34	842,541	1	159	842,700	846,834
WV	275	15.40	4.17	42,350	1	154	42,504	42,812
WI	22,558	15.50	4.16	3,496,490	55	8,525	3,505,015	3,540,510
WY	77.9	13.70	3.78	10,672	0.2	27	10,699	10,933
US ⁵	155,885	15.46	4.22	24,105,134	235	36,487	24,141,621	24,318,718

¹ Cash receipts divided by milk or milkfat in combined marketings. ² Value 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. 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, 1999**

State	Number of Milk Cows ¹	Production of Milk and Milkfat ²				
		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	27	13,926	506	3.63	376	13.6
AK	1.0	13,580	463	3.41	13.58	0.5
AZ	134	21,873	783	3.58	2,931	104.9
AR	42	12,381	449	3.63	520	18.9
CA	1,465	20,781	761	3.66	30,444	1,114.3
CO	83	20,819	747	3.59	1,728	62.0
CT	29	17,931	654	3.65	520	19.0
DE	10.0	14,500	541	3.73	145.0	5.4
FL	158	15,177	542	3.57	2,398	85.6
GA	90	16,100	580	3.60	1,449	52.2
HI	8.6	13,919	486	3.49	119.7	4.2
ID	318	20,292	731	3.60	6,453	232.3
IL	123	16,496	612	3.71	2,029	75.3
IN	136	16,066	596	3.71	2,185	81.1
IA	217	17,521	652	3.72	3,802	141.4
KS	86	16,337	595	3.64	1,405	51.1
KY	133	12,414	452	3.64	1,651	60.1
LA	61	11,656	406	3.48	711	24.7
ME	42	16,405	604	3.68	689	25.4
MD	86	15,872	592	3.73	1,365	50.9
MA	25	16,800	620	3.69	420	15.5
MI	299	18,244	673	3.69	5,455	201.3
MN	545	17,391	647	3.72	9,478	352.6
MS	38	14,526	521	3.59	552	19.8
MO	159	14,069	512	3.64	2,237	81.4
MT	18	16,833	601	3.57	303	10.8
NE	74	15,392	571	3.71	1,139	42.3
NV	25	18,200	641	3.52	456	16.1
NH	19	16,895	630	3.73	321	12.0
NJ	17	16,471	598	3.63	280	10.2
NM	232	20,362	723	3.55	4,724	167.7
NY	701	17,235	631	3.66	12,082	442.2
NC	73	16,658	633	3.80	1,216	46.2
ND	49	14,061	519	3.69	689	25.4
OH	260	17,077	640	3.75	4,440	166.5
OK	92	13,576	482	3.55	1,249	44.3
OR	89	18,708	685	3.66	1,665	60.9
PA	616	17,745	657	3.70	10,931	404.4
RI	2.0	15,500	561	3.62	31.0	1.1
SC	24	15,375	564	3.67	369	13.5
SD	98	14,480	537	3.71	1,419	52.6
TN	97	14,608	536	3.67	1,417	52.0
TX	345	16,290	586	3.60	5,620	202.3
UT	93	17,398	630	3.62	1,618	58.6
VT	160	16,938	623	3.68	2,710	99.7
VA	121	15,479	556	3.59	1,873	67.2
WA	247	22,409	818	3.65	5,535	202.0
WV	18	15,278	568	3.72	275	10.2
WI	1,365	16,902	634	3.75	23,071	865.2
WY	6.0	13,300	483	3.63	79.8	2.9
US ³	9,153	17,763	652	3.67	162,589	5,969.8

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

³ May not add due to rounding.

**Quantity of Milk Used and Marketed by Producers:
By State and United States, 1999**

State	Milk Used Where Produced			Milk Marketed by Producers	
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Total Quantity ²	Fluid Grade ³
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AL	2	1	3	373	100
AK	0.5	0.3	0.8	12.78	100
AZ	12	1	13	2,918	100
AR	15	5	20	500	100
CA	36	7	43	30,401	99
CO	32	8	40	1,688	100
CT	5	1	6	514	100
DE	1.0		1.0	144.0	100
FL	1	1	2	2,396	100
GA	13	1	14	1,435	100
HI	1.1	0.6	1.7	118.0	100
ID	33	4	37	6,416	97
IL	14	2	16	2,013	98
IN	23	7	30	2,155	93
IA	29	10	39	3,763	96
KS	11	1	12	1,393	99
KY	26	7	33	1,618	99
LA	10	2	12	699	100
ME	7	1	8	681	100
MD	7	3	10	1,355	100
MA	6	1	7	413	100
MI	37	3	40	5,415	99
MN	95	10	105	9,373	94
MS	3	1	4	548	100
MO	26	5	31	2,206	94
MT	6	4	10	293	100
NE	12	1	13	1,126	95
NV	5	1	6	450	100
NH	4	1	5	316	100
NJ	2	1	3	277	100
NM	18	10	28	4,696	100
NY	130	13	143	11,939	100
NC	11	8	19	1,197	99
ND	12	1	13	676	69
OH	24	10	34	4,406	92
OK	13	1	14	1,235	100
OR	20	5	25	1,640	99
PA	55	11	66	10,865	99
RI	0.4		0.4	30.6	100
SC	2	1	3	366	100
SD	11	2	13	1,406	93
TN	6	1	7	1,410	99
TX	22	2	24	5,596	100
UT	18	2	20	1,598	92
VT	25	5	30	2,680	100
VA	13	2	15	1,858	100
WA	29	1	30	5,505	100
WV	2	1	3	272	100
WI	220	52	272	22,799	94
WY	1.4	0.2	1.6	78.2	80
US ⁴	1,107	219	1,326	161,263	98

¹ Excludes milk sucked by calves. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A 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, 1999**

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	373	16.50	4.55	61,545	1	165	61,710	62,040
AK	12.78	20.90	6.13	2,671	0.3	63	2,734	2,838
AZ	2,918	13.70	3.83	399,766	1	137	399,903	401,547
AR	500	15.40	4.24	77,000	5	770	77,770	80,080
CA	30,401	13.45	3.67	4,088,935	7	942	4,089,877	4,094,718
CO	1,688	15.20	4.23	256,576	8	1,216	257,792	262,656
CT	514	16.20	4.44	83,268	1	162	83,430	84,240
DE	144.0	15.00	4.02	21,600			21,600	21,750
FL	2,396	17.20	4.82	412,112	1	172	412,284	412,456
GA	1,435	16.00	4.44	229,600	1	160	229,760	231,840
HI	118.0	26.50	7.59	31,270	0.6	159	31,429	31,721
ID	6,416	13.00	3.61	834,080	4	520	834,600	838,890
IL	2,013	14.70	3.96	295,911	2	294	296,205	298,263
IN	2,155	14.50	3.91	312,475	7	1,015	313,490	316,825
IA	3,763	13.30	3.58	500,479	10	1,330	501,809	505,666
KS	1,393	14.00	3.85	195,020	1	140	195,160	196,700
KY	1,618	15.40	4.23	249,172	7	1,078	250,250	254,254
LA	699	16.30	4.68	113,937	2	326	114,263	115,893
ME	681	16.00	4.35	108,960	1	160	109,120	110,240
MD	1,355	15.00	4.02	203,250	3	450	203,700	204,750
MA	413	16.50	4.47	68,145	1	165	68,310	69,300
MI	5,415	14.80	4.01	801,420	3	444	801,864	807,340
MN	9,373	14.00	3.76	1,312,220	10	1,400	1,313,620	1,326,920
MS	548	16.30	4.54	89,324	1	163	89,487	89,976
MO	2,206	14.70	4.04	324,282	5	735	325,017	328,839
MT	293	14.60	4.09	42,778	4	584	43,362	44,238
NE	1,126	13.40	3.61	150,884	1	134	151,018	152,626
NV	450	13.60	3.86	61,200	1	136	61,336	62,016
NH	316	15.70	4.21	49,612	1	157	49,769	50,397
NJ	277	14.80	4.08	40,996	1	148	41,144	41,440
NM	4,696	14.00	3.94	657,440	10	1,400	658,840	661,360
NY	11,939	14.60	3.99	1,743,094	13	1,898	1,744,992	1,763,972
NC	1,197	17.30	4.55	207,081	8	1,384	208,465	210,368
ND	676	13.20	3.58	89,232	1	132	89,364	90,948
OH	4,406	14.70	3.92	647,682	10	1,470	649,152	652,680
OK	1,235	15.50	4.37	191,425	1	155	191,580	193,595
OR	1,640	14.90	4.07	244,360	5	745	245,105	248,085
PA	10,865	15.80	4.27	1,716,670	11	1,738	1,718,408	1,727,098
RI	30.6	15.60	4.31	4,774			4,774	4,836
SC	366	16.30	4.44	59,658	1	163	59,821	60,147
SD	1,406	14.40	3.88	202,464	2	288	202,752	204,336
TN	1,410	15.80	4.31	222,780	1	158	222,938	223,886
TX	5,596	15.00	4.17	839,400	2	300	839,700	843,000
UT	1,598	13.90	3.84	222,122	2	278	222,400	224,902
VT	2,680	15.40	4.18	412,720	5	770	413,490	417,340
VA	1,858	15.70	4.37	291,706	2	314	292,020	294,061
WA	5,505	14.90	4.08	820,245	1	149	820,394	824,715
WV	272	15.20	4.09	41,344	1	152	41,496	41,800
WI	22,799	13.80	3.68	3,146,262	52	7,176	3,153,438	3,183,798
WY	78.2	13.00	3.58	10,166	0.2	26	10,192	10,374
US ⁵	161,263	14.38	3.92	23,189,113	219	32,021	23,221,134	23,381,760

¹ Cash receipts divided by milk or milkfat in combined marketings. ² Value 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. 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, 2000**

State	Number of Milk Cows ¹	Production of Milk and Milkfat ²				
		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	25	13,920	508	3.65	348	12.7
AK	0.9	14,500	494	3.41	13.05	0.4
AZ	139	21,820	788	3.61	3,033	109.5
AR	39	12,436	451	3.63	485	17.6
CA	1,526	21,130	778	3.68	32,245	1,186.6
CO	89	21,618	770	3.56	1,924	68.5
CT	27	17,778	654	3.68	480	17.7
DE	9.9	14,747	554	3.76	146.0	5.5
FL	157	15,688	565	3.60	2,463	88.7
GA	88	16,284	593	3.64	1,433	52.2
HI	8.1	14,358	498	3.47	116.3	4.0
ID	347	20,816	751	3.61	7,223	260.8
IL	120	17,450	654	3.75	2,094	78.5
IN	146	16,568	616	3.72	2,419	90.0
IA	215	18,298	677	3.70	3,934	145.6
KS	91	16,923	623	3.68	1,540	56.7
KY	132	12,841	471	3.67	1,695	62.2
LA	58	12,034	424	3.52	698	24.6
ME	39	17,128	644	3.76	668	25.1
MD	84	16,083	605	3.76	1,351	50.8
MA	22	17,091	634	3.71	376	13.9
MI	300	19,017	696	3.66	5,705	208.8
MN	534	17,777	660	3.71	9,493	352.2
MS	36	15,028	544	3.62	541	19.6
MO	154	14,662	542	3.70	2,258	83.5
MT	19	17,789	637	3.58	338	12.1
NE	76	16,513	611	3.70	1,255	46.4
NV	25	19,000	671	3.53	476	16.8
NH	18	17,333	652	3.76	312	11.7
NJ	16	15,250	557	3.65	244	8.9
NM	250	20,944	746	3.56	5,236	186.4
NY	686	17,378	640	3.68	11,921	438.7
NC	71	16,746	615	3.67	1,189	43.6
ND	48	14,292	526	3.68	686	25.2
OH	262	17,027	639	3.75	4,461	167.3
OK	91	14,440	514	3.56	1,314	46.8
OR	90	18,222	665	3.65	1,640	59.9
PA	617	18,081	673	3.72	11,156	415.0
RI	1.8	15,667	577	3.68	28.2	1.0
SC	23	16,087	592	3.68	370	13.6
SD	95	15,516	574	3.70	1,474	54.5
TN	95	14,789	544	3.68	1,405	51.7
TX	348	16,503	602	3.65	5,743	209.6
UT	96	17,573	638	3.63	1,687	61.2
VT	156	17,199	642	3.73	2,683	100.1
VA	120	15,833	579	3.66	1,900	69.5
WA	247	22,644	827	3.65	5,593	204.1
WV	17	15,588	567	3.64	265	9.6
WI	1,344	17,306	649	3.75	23,259	872.2
WY	5.6	13,571	501	3.69	76.0	2.8
US ³	9,199	18,197	670	3.68	167,393	6,164.4

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

³ May not add due to rounding.

**Quantity of Milk Used and Marketed by Producers:
By State and United States, 2000**

State	Milk Used Where Produced			Milk Marketed by Producers	
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Total Quantity ²	Fluid Grade ³
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AL	2	1	3	345	100
AK	0.6	0.2	0.8	12.25	100
AZ	13	1	14	3,019	100
AR	10	3	13	472	100
CA	30	6	36	32,209	99
CO	27	5	32	1,892	100
CT	4.5	0.5	5.0	475.0	100
DE	1.0	0.1	1.1	144.9	100
FL	3	1	4	2,459	100
GA	12	1	13	1,420	100
HI	1.1	0.5	1.6	114.7	100
ID	32	2	34	7,189	98
IL	18	2	20	2,074	98
IN	22	5	27	2,392	95
IA	32	11	43	3,891	96
KS	11	1	12	1,528	99
KY	28	7	35	1,660	99
LA	10	2	12	686	100
ME	6.5	0.5	7.0	661.0	100
MD	7	3	10	1,341	100
MA	4	1	5	371	100
MI	45	5	50	5,655	99
MN	95	10	105	9,388	95
MS	2	1	3	538	100
MO	24	5	29	2,229	96
MT	6	5	11	327	100
NE	12	1	13	1,242	96
NV	5	1	6	470	100
NH	3.5	0.5	4.0	308.0	100
NJ	2	1	3	241	100
NM	30	14	44	5,192	100
NY	125	10	135	11,786	100
NC	11	7	18	1,171	100
ND	10	1	11	675	71
OH	20	5	25	4,436	92
OK	13	1	14	1,300	100
OR	16	3	19	1,621	99
PA	50	5	55	11,101	99
RI	0.4		0.4	27.8	100
SC	2	1	3	367	100
SD	11	2	13	1,461	93
TN	4	1	5	1,400	99
TX	22	2	24	5,719	100
UT	24	2	26	1,661	94
VT	22	3	25	2,658	100
VA	11	2	13	1,887	100
WA	35	2	37	5,556	100
WV	2	1	3	262	100
WI	230	52	282	22,977	94
WY	1.4	0.2	1.6	74.4	76
US ⁴	1,109	198	1,307	166,086	98

¹ Excludes milk sucked by calves. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A 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, 2000**

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	345	14.20	3.89	48,990	1	142	49,132	49,416
AK	12.25	20.30	5.95	2,487	0.2	41	2,528	2,649
AZ	3,019	11.90	3.30	359,261	1	119	359,380	360,927
AR	472	13.60	3.75	64,192	3	408	64,600	65,960
CA	32,209	11.50	3.13	3,704,035	6	690	3,704,725	3,708,175
CO	1,892	11.80	3.31	223,256	5	590	223,846	227,032
CT	475.0	14.10	3.83	66,975	0.5	71	67,046	67,680
DE	144.9	13.50	3.59	19,562	0.1	14	19,576	19,710
FL	2,459	15.60	4.33	383,604	1	156	383,760	384,228
GA	1,420	12.90	3.54	183,180	1	129	183,309	184,857
HI	114.7	24.50	7.06	28,102	0.5	123	28,225	28,494
ID	7,189	10.60	2.94	762,034	2	212	762,246	765,638
IL	2,074	12.30	3.28	255,102	2	246	255,348	257,562
IN	2,392	12.90	3.47	308,568	5	645	309,213	312,051
IA	3,891	11.70	3.16	455,247	11	1,287	456,534	460,278
KS	1,528	11.60	3.15	177,248	1	116	177,364	178,640
KY	1,660	13.80	3.76	229,080	7	966	230,046	233,910
LA	686	13.90	3.95	95,354	2	278	95,632	97,022
ME	661.0	14.10	3.75	93,201	0.5	71	93,272	94,188
MD	1,341	13.50	3.59	181,035	3	405	181,440	182,385
MA	371	14.10	3.80	52,311	1	141	52,452	53,016
MI	5,655	12.90	3.52	729,495	5	645	730,140	735,945
MN	9,388	12.00	3.23	1,126,560	10	1,200	1,127,760	1,139,160
MS	538	13.90	3.84	74,782	1	139	74,921	75,199
MO	2,229	12.10	3.27	269,709	5	605	270,314	273,218
MT	327	12.80	3.58	41,856	5	640	42,496	43,264
NE	1,242	11.70	3.16	145,314	1	117	145,431	146,835
NV	470	11.00	3.12	51,700	1	110	51,810	52,360
NH	308.0	14.00	3.72	43,120	0.5	70	43,190	43,680
NJ	241	13.20	3.62	31,812	1	132	31,944	32,208
NM	5,192	12.40	3.48	643,808	14	1,736	645,544	649,264
NY	11,786	13.10	3.56	1,543,966	10	1,310	1,545,276	1,561,651
NC	1,171	14.90	4.06	174,479	7	1,043	175,522	177,161
ND	675	11.30	3.07	76,275	1	113	76,388	77,518
OH	4,436	12.60	3.36	558,936	5	630	559,566	562,086
OK	1,300	13.60	3.82	176,800	1	136	176,936	178,704
OR	1,621	12.80	3.51	207,488	3	384	207,872	209,920
PA	11,101	13.70	3.68	1,520,837	5	685	1,521,522	1,528,372
RI	27.8	14.20	3.86	3,948			3,948	4,004
SC	367	14.10	3.83	51,747	1	141	51,888	52,170
SD	1,461	12.80	3.46	187,008	2	256	187,264	188,672
TN	1,400	13.80	3.75	193,200	1	138	193,338	193,890
TX	5,719	13.40	3.67	766,346	2	268	766,614	769,562
UT	1,661	11.20	3.09	186,032	2	224	186,256	188,944
VT	2,658	13.80	3.70	366,804	3	414	367,218	370,254
VA	1,887	14.80	4.04	279,276	2	296	279,572	281,200
WA	5,556	12.80	3.51	711,168	2	256	711,424	715,904
WV	262	13.30	3.65	34,846	1	133	34,979	35,245
WI	22,977	11.70	3.12	2,688,309	52	6,084	2,694,393	2,721,303
WY	74.4	11.00	2.98	8,184	0.2	22	8,206	8,360
US ⁵	166,086	12.40	3.37	20,586,629	198	24,777	20,611,406	20,749,871

¹ Cash receipts divided by milk or milkfat in combined marketings. ² Value 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. 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, 2001**

State	Number of Milk Cows ¹	Production of Milk and Milkfat ²				
		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	21	14,286	523	3.66	300	11.0
AK	1.1	13,055	444	3.40	14.36	0.5
AZ	140	22,036	798	3.62	3,085	111.7
AR	35	12,343	449	3.64	432	15.7
CA	1,589	20,904	771	3.69	33,217	1,225.7
CO	92	21,413	760	3.55	1,970	69.9
CT	25	18,240	666	3.65	456	16.6
DE	9.0	16,667	610	3.66	150.0	5.5
FL	153	15,758	567	3.60	2,411	86.8
GA	86	16,663	607	3.64	1,433	52.2
HI	7.5	14,107	484	3.43	105.8	3.6
ID	366	21,194	763	3.60	7,757	279.3
IL	116	17,414	650	3.73	2,020	75.3
IN	153	16,778	621	3.70	2,567	95.0
IA	210	18,024	669	3.71	3,785	140.4
KS	93	17,312	639	3.69	1,610	59.4
KY	128	12,969	473	3.65	1,660	60.6
LA	54	11,704	412	3.52	632	22.2
ME	38	17,211	625	3.63	654	23.7
MD	82	15,780	578	3.66	1,294	47.4
MA	21	17,000	627	3.69	357	13.2
MI	303	19,373	703	3.63	5,870	213.1
MN	510	17,278	639	3.70	8,812	326.0
MS	35	14,200	517	3.64	497	18.1
MO	145	13,441	496	3.69	1,949	71.9
MT	19	18,211	652	3.58	346	12.4
NE	72	16,194	601	3.71	1,166	43.3
NV	25	19,412	689	3.55	485	17.2
NH	18	17,889	673	3.76	322	12.1
NJ	14	16,643	604	3.63	233	8.5
NM	268	20,750	743	3.58	5,561	199.1
NY	672	17,530	640	3.65	11,780	430.0
NC	67	17,224	627	3.64	1,154	42.0
ND	46	14,000	514	3.67	644	23.6
OH	260	16,519	616	3.73	4,295	160.2
OK	86	15,407	556	3.61	1,325	47.8
OR	95	18,074	662	3.66	1,717	62.8
PA	599	18,112	668	3.69	10,849	400.3
RI	1.4	16,571	611	3.69	23.2	0.9
SC	21	17,476	638	3.65	367	13.4
SD	89	15,393	570	3.70	1,370	50.7
TN	92	14,511	530	3.65	1,335	48.7
TX	326	15,666	573	3.66	5,107	186.9
UT	95	17,211	626	3.64	1,635	59.5
VT	153	17,444	647	3.71	2,669	99.0
VA	118	15,975	578	3.62	1,885	68.2
WA	247	22,324	817	3.66	5,514	201.8
WV	16	15,563	562	3.61	249	9.0
WI	1,292	17,182	641	3.73	22,199	828.0
WY	4.5	14,000	511	3.65	63.0	2.3
US ³	9,103	18,162	667	3.67	165,332	6,072.5

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

³ May not add due to rounding.

**Quantity of Milk Used and Marketed by Producers:
By State and United States, 2001**

State	Milk Used Where Produced			Milk Marketed by Producers	
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Total Quantity ²	Fluid Grade ³
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AL	2	1	3	297	100
AK	0.6	0.2	0.8	13.56	100
AZ	11	1	12	3,073	100
AR	10	3	13	419	100
CA	30	6	36	33,181	99
CO	22	4	26	1,944	100
CT	3.5	0.5	4.0	452.0	100
DE	1.0	0.1	1.1	148.9	100
FL	3	1	4	2,407	100
GA	12	1	13	1,420	100
HI	1.2	0.5	1.7	104.1	100
ID	31	2	33	7,724	99
IL	14	2	16	2,004	98
IN	22	5	27	2,540	96
IA	30	11	41	3,744	97
KS	10	1	11	1,599	99
KY	30	2	32	1,628	99
LA	10	2	12	620	100
ME	4.5	0.5	5.0	649.0	100
MD	7	3	10	1,284	100
MA	3	1	4	353	100
MI	55	5	60	5,810	99
MN	95	10	105	8,707	95
MS	1	1	2	495	100
MO	23	5	28	1,921	96
MT	5	4	9	337	100
NE	11	1	12	1,154	97
NV	5	1	6	479	100
NH	2.5	0.5	3.0	319.0	100
NJ	2	1	3	230	100
NM	42	15	57	5,504	100
NY	80	5	85	11,695	100
NC	11	6	17	1,137	100
ND	11	1	12	632	73
OH	20	5	25	4,270	92
OK	13	1	14	1,311	100
OR	7	1	8	1,709	99
PA	40	4	44	10,805	99
RI	0.3		0.3	22.9	100
SC	2	1	3	364	100
SD	10	2	12	1,358	93
TN	4	1	5	1,330	99
TX	20	1	21	5,086	100
UT	23	2	25	1,610	96
VT	18	2	20	2,649	100
VA	11	2	13	1,872	100
WA	33	1	34	5,480	100
WV	2	1	3	246	100
WI	230	45	275	21,924	95
WY	1.3	0.2	1.5	61.5	77
US ⁴	1,036	173	1,209	164,123	98

¹ Excludes milk sucked by calves. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A 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, 2001**

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	297	16.90	4.62	50,193	1	169	50,362	50,700
AK	13.56	20.50	6.03	2,780	0.2	41	2,821	2,944
AZ	3,073	14.70	4.06	451,731	1	147	451,878	453,495
AR	419	16.10	4.42	67,459	3	483	67,942	69,552
CA	33,181	13.94	3.78	4,625,431	6	836	4,626,267	4,630,450
CO	1,944	14.80	4.17	287,712	4	592	288,304	291,560
CT	452.0	16.10	4.41	72,772	0.5	81	72,853	73,416
DE	148.9	16.10	4.40	23,973	0.1	16	23,989	24,150
FL	2,407	17.80	4.94	428,446	1	178	428,624	429,158
GA	1,420	15.90	4.37	225,780	1	159	225,939	227,847
HI	104.1	25.50	7.43	26,546	0.5	128	26,674	26,979
ID	7,724	13.50	3.75	1,042,740	2	270	1,043,010	1,047,195
IL	2,004	15.00	4.02	300,600	2	300	300,900	303,000
IN	2,540	16.10	4.35	408,940	5	805	409,745	413,287
IA	3,744	14.70	3.96	550,368	11	1,617	551,985	556,395
KS	1,599	14.50	3.93	231,855	1	145	232,000	233,450
KY	1,628	16.20	4.44	263,736	2	324	264,060	268,920
LA	620	16.00	4.55	99,200	2	320	99,520	101,120
ME	649.0	16.10	4.44	104,489	0.5	81	104,570	105,294
MD	1,284	16.20	4.43	208,008	3	486	208,494	209,628
MA	353	16.30	4.42	57,539	1	163	57,702	58,191
MI	5,810	15.20	4.19	883,120	5	760	883,880	892,240
MN	8,707	14.90	4.03	1,297,343	10	1,490	1,298,833	1,312,988
MS	495	16.10	4.42	79,695	1	161	79,856	80,017
MO	1,921	14.90	4.04	286,229	5	745	286,974	290,401
MT	337	15.10	4.22	50,887	4	604	51,491	52,246
NE	1,154	14.60	3.94	168,484	1	146	168,630	170,236
NV	479	13.00	3.66	62,270	1	130	62,400	63,050
NH	319.0	16.30	4.34	51,997	0.5	82	52,079	52,486
NJ	230	16.10	4.44	37,030	1	161	37,191	37,513
NM	5,504	14.80	4.13	814,592	15	2,220	816,812	823,028
NY	11,695	15.80	4.33	1,847,810	5	790	1,848,600	1,861,240
NC	1,137	17.10	4.70	194,427	6	1,026	195,453	197,334
ND	632	14.20	3.87	89,744	1	142	89,886	91,448
OH	4,270	15.20	4.08	649,040	5	760	649,800	652,840
OK	1,311	15.90	4.40	208,449	1	159	208,608	210,675
OR	1,709	15.50	4.23	264,895	1	155	265,050	266,135
PA	10,805	16.60	4.50	1,793,630	4	664	1,794,294	1,800,934
RI	22.9	16.40	4.44	3,756			3,756	3,805
SC	364	16.50	4.52	60,060	1	165	60,225	60,555
SD	1,358	15.10	4.08	205,058	2	302	205,360	206,870
TN	1,330	16.20	4.44	215,460	1	162	215,622	216,270
TX	5,086	15.80	4.32	803,588	1	158	803,746	806,906
UT	1,610	14.70	4.04	236,670	2	294	236,964	240,345
VT	2,649	15.80	4.26	418,542	2	316	418,858	421,702
VA	1,872	17.00	4.70	318,240	2	340	318,580	320,450
WA	5,480	15.00	4.10	822,000	1	150	822,150	827,100
WV	246	15.80	4.38	38,868	1	158	39,026	39,342
WI	21,924	14.80	3.97	3,244,752	45	6,660	3,251,412	3,285,452
WY	61.5	14.20	3.89	8,733	0.2	28	8,761	8,946
US ⁵	164,123	15.04	4.10	24,685,667	173	26,269	24,711,936	24,869,285

¹ Cash receipts divided by milk or milkfat in combined marketings. ² Value 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. 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, 2002**

State	Number of Milk Cows ¹	Production of Milk and Milkfat ²				
		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	20	13,850	508	3.67	277	10.2
AK	1.3	13,600	469	3.45	17.68	0.6
AZ	147	23,333	847	3.63	3,430	124.5
AR	32	12,281	448	3.65	393	14.3
CA	1,648	21,277	785	3.69	35,065	1,293.9
CO	100	21,590	762	3.53	2,159	76.2
CT	24	18,625	684	3.67	447	16.4
DE	9.0	16,667	620	3.72	150.0	5.6
FL	150	15,387	565	3.67	2,308	84.7
GA	85	17,294	631	3.65	1,470	53.7
HI	6.6	14,667	509	3.47	96.8	3.4
ID	388	21,018	763	3.63	8,155	296.0
IL	115	17,835	672	3.77	2,051	77.3
IN	151	17,603	651	3.70	2,658	98.3
IA	209	18,201	675	3.71	3,804	141.1
KS	107	18,972	700	3.69	2,030	74.9
KY	122	13,230	483	3.65	1,614	58.9
LA	48	12,063	425	3.52	579	20.4
ME	37	17,730	647	3.65	656	23.9
MD	81	16,062	598	3.72	1,301	48.4
MA	21	17,190	634	3.69	361	13.3
MI	301	20,332	736	3.62	6,120	221.5
MN	487	17,368	648	3.73	8,458	315.5
MS	34	14,059	509	3.62	478	17.3
MO	137	14,204	523	3.68	1,946	71.6
MT	18	18,944	691	3.65	341	12.4
NE	67	17,418	648	3.72	1,167	43.4
NV	25	20,040	715	3.57	501	17.9
NH	18	18,222	682	3.74	328	12.3
NJ	13	18,154	663	3.65	236	8.6
NM	301	20,983	755	3.60	6,316	227.4
NY	675	18,101	664	3.67	12,218	448.4
NC	64	17,766	648	3.65	1,137	41.5
ND	40	14,825	547	3.69	593	21.9
OH	262	17,080	639	3.74	4,475	167.4
OK	84	15,560	562	3.61	1,307	47.2
OR	114	18,360	674	3.67	2,093	76.8
PA	585	18,419	683	3.71	10,775	399.8
RI	1.4	16,357	595	3.64	22.9	0.8
SC	20	18,200	666	3.66	364	13.3
SD	86	14,988	561	3.74	1,289	48.2
TN	88	14,943	547	3.66	1,315	48.1
TX	317	16,719	619	3.70	5,300	196.1
UT	93	17,914	650	3.63	1,666	60.5
VT	154	17,552	651	3.71	2,703	100.3
VA	119	15,891	580	3.65	1,891	69.0
WA	247	22,753	835	3.67	5,620	206.3
WV	16	15,188	547	3.60	243	8.7
WI	1,271	17,367	648	3.73	22,074	823.4
WY	4.4	14,409	529	3.67	63.4	2.3
US ³	9,139	18,608	685	3.68	170,063	6,263.9

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

³ May not add due to rounding.

**Quantity of Milk Used and Marketed by Producers:
By State and United States, 2002**

State	Milk Used Where Produced			Milk Marketed by Producers	
	Fed to Calves ¹	Used for Milk Cream and Butter	Total	Total Quantity ²	Fluid Grade ³
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AL	1	1	2	275	100
AK	0.6	0.2	0.8	16.88	100
AZ	12	1	13	3,417	100
AR	5	3	8	385	100
CA	28	5	33	35,032	99
CO	27	5	32	2,127	100
CT	3.5	0.5	4.0	443.0	100
DE	1.0	0.1	1.1	148.9	100
FL	5	1	6	2,302	100
GA	9	1	10	1,460	100
HI	1.1	0.5	1.6	95.2	100
ID	30	3	33	8,122	99
IL	13	2	15	2,036	98
IN	18	3	21	2,637	97
IA	30	11	41	3,763	96
KS	10	1	11	2,019	100
KY	32	2	34	1,580	99
LA	9	2	11	568	100
ME	4.5	0.5	5.0	651.0	100
MD	7	3	10	1,291	100
MA	3	1	4	357	100
MI	55	5	60	6,060	99
MN	95	5	100	8,358	96
MS	1	1	2	476	100
MO	22	5	27	1,919	96
MT	3	3	6	335	100
NE	12	1	13	1,154	98
NV	5	1	6	495	100
NH	2.5	0.5	3.0	325.0	100
NJ	2	1	3	233	100
NM	49	16	65	6,251	100
NY	45	2	47	12,171	100
NC	10	6	16	1,121	100
ND	10	1	11	582	74
OH	20	5	25	4,450	93
OK	13	1	14	1,293	100
OR	17	2	19	2,074	100
PA	30	3	33	10,742	99
RI	0.1		0.1	22.8	100
SC	2	1	3	361	100
SD	9	2	11	1,278	93
TN	4	1	5	1,310	99
TX	22	2	24	5,276	100
UT	19	2	21	1,645	98
VT	17	2	19	2,684	100
VA	6	2	8	1,883	100
WA	27	1	28	5,592	100
WV	2	1	3	240	100
WI	209	40	249	21,825	96
WY	0.9	0.2	1.1	62.3	79
US ⁴	959	160	1,119	168,944	98

¹ Excludes milk sucked by calves. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A 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, 2002**

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	275	14.00	3.81	38,500	1	140	38,640	38,780
AK	16.88	20.40	5.91	3,444	0.2	41	3,485	3,607
AZ	3,417	11.70	3.22	399,789	1	117	399,906	401,310
AR	385	13.20	3.62	50,820	3	396	51,216	51,876
CA	35,032	10.94	2.96	3,832,501	5	547	3,833,048	3,836,111
CO	2,127	11.80	3.34	250,986	5	590	251,576	254,762
CT	443.0	13.20	3.60	58,476	0.5	66	58,542	59,004
DE	148.9	13.30	3.58	19,804	0.1	13	19,817	19,950
FL	2,302	15.30	4.17	352,237	1	153	352,390	353,124
GA	1,460	13.20	3.62	192,720	1	132	192,852	194,040
HI	95.2	23.60	6.80	22,467	0.5	118	22,585	22,845
ID	8,122	11.30	3.11	917,786	3	339	918,125	921,515
IL	2,036	11.90	3.16	242,284	2	238	242,522	244,069
IN	2,637	12.30	3.32	324,351	3	369	324,720	326,934
IA	3,763	12.10	3.26	455,323	11	1,331	456,654	460,284
KS	2,019	11.70	3.17	236,223	1	117	236,340	237,510
KY	1,580	13.20	3.62	208,560	2	264	208,824	213,048
LA	568	13.00	3.69	73,840	2	260	74,100	75,270
ME	651.0	13.30	3.64	86,583	0.5	67	86,650	87,248
MD	1,291	13.20	3.55	170,412	3	396	170,808	171,732
MA	357	13.20	3.58	47,124	1	132	47,256	47,652
MI	6,060	12.10	3.34	733,260	5	605	733,865	740,520
MN	8,358	12.10	3.24	1,011,318	5	605	1,011,923	1,023,418
MS	476	13.10	3.62	62,356	1	131	62,487	62,618
MO	1,919	12.30	3.34	236,037	5	615	236,652	239,358
MT	335	12.30	3.37	41,205	3	369	41,574	41,943
NE	1,154	12.50	3.36	144,250	1	125	144,375	145,875
NV	495	10.70	3.00	52,965	1	107	53,072	53,607
NH	325.0	13.00	3.48	42,250	0.5	65	42,315	42,640
NJ	233	12.80	3.51	29,824	1	128	29,952	30,208
NM	6,251	11.90	3.31	743,869	16	1,904	745,773	751,604
NY	12,171	12.80	3.49	1,557,888	2	256	1,558,144	1,563,904
NC	1,121	13.80	3.78	154,698	6	828	155,526	156,906
ND	582	11.80	3.20	68,676	1	118	68,794	69,974
OH	4,450	12.60	3.37	560,700	5	630	561,330	563,850
OK	1,293	13.50	3.74	174,555	1	135	174,690	176,445
OR	2,074	12.50	3.41	259,250	2	250	259,500	261,625
PA	10,742	13.80	3.72	1,482,396	3	414	1,482,810	1,486,950
RI	22.8	13.30	3.65	3,032			3,032	3,046
SC	361	13.50	3.69	48,735	1	135	48,870	49,140
SD	1,278	12.80	3.42	163,584	2	256	163,840	164,992
TN	1,310	13.20	3.61	172,920	1	132	173,052	173,580
TX	5,276	12.90	3.49	680,604	2	258	680,862	683,700
UT	1,645	11.80	3.25	194,110	2	236	194,346	196,588
VT	2,684	12.70	3.42	340,868	2	254	341,122	343,281
VA	1,883	14.20	3.89	267,386	2	284	267,670	268,522
WA	5,592	12.00	3.27	671,040	1	120	671,160	674,400
WV	240	12.70	3.53	30,480	1	127	30,607	30,861
WI	21,825	12.20	3.27	2,662,650	40	4,880	2,667,530	2,693,028
WY	62.3	11.40	3.11	7,102	0.2	23	7,125	7,228
US ⁵	168,944	12.18	3.31	20,582,238	160	19,816	20,602,054	20,720,482

¹ Cash receipts divided by milk or milkfat in combined marketings. ² Value 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. ⁴ Includes value of milk fed to calves. ⁵ May not add due to rounding.

Index

Page

Marketings, Income, and Value of Milk Production: United States, 1998-2002	3
Marketings, Income, and Value of Milk Production: By State and United States, 1998	6
Marketings, Income, and Value of Milk Production: By State and United States, 1999	9
Marketings, Income, and Value of Milk Production: By State and United States, 2000	12
Marketings, Income, and Value of Milk Production: By State and United States, 2001	15
Marketings, Income, and Value of Milk Production: By State and United States, 2002	18
Milk Cows and Production of Milk and Milkfat: United States, 1998-2002	2
Milk Cows and Production of Milk and Milkfat: By State and United States, 1998	4
Milk Cows and Production of Milk and Milkfat: By State and United States, 1999	7
Milk Cows and Production of Milk and Milkfat: By State and United States, 2000	10
Milk Cows and Production of Milk and Milkfat: By State and United States, 2001	13
Milk Cows and Production of Milk and Milkfat: By State and United States, 2002	16
Quantity of Milk Used and Marketed by Producers: United States, 1998-2002	2
Quantity of Milk Used and Marketed by Producers: By State and United States, 1998	5
Quantity of Milk Used and Marketed by Producers: By State and United States, 1999	8
Quantity of Milk Used and Marketed by Producers: By State and United States, 2000	11
Quantity of Milk Used and Marketed by Producers: By State and United States, 2001	14
Quantity of Milk Used and Marketed by Producers: By State and United States, 2002	17
Statistical Bulletin Publication Schedule and other ASB Services	20
Summary	1

Statistical Bulletin Publication Schedule and other ASB Services

Statistical Bulletins: The National Agricultural Statistics Service will issue a series of twenty-one bulletins containing final estimates for agricultural data series based on the review of the 2002 Census of Agriculture and other information. The product number, bulletin title, and tentative release dates are as follows.

NASS-SB993	Agricultural Land Values and Cash Rents-Final Estimates 1999-2003	03/12/04
NASS-SB989	Cattle - Final Estimates 1999-2003	04/30/04
NASS-SB980	Chickens and Eggs - Final Estimates 1998-2002	04/29/04
NASS-SB997	Citrus Fruits - Final Estimates 1997-2002	08/20/04
NASS-SB999	Crop Values - Final Estimates 1997-2002	10/15/04
NASS-SB991	Farms and Land in Farms - Final Estimates 1998-2002	02/27/04
NASS-SB982	Field Crops - Final Estimates 1997-2002	03/17/04
NASS-SB986	Hogs and Pigs - Final Estimates 1998-2002	03/22/04
NASS-SB992	Honey - Final Estimates 1998-2002	04/29/04
NASS-SB1002	Livestock Operations - Final Estimates 1998-2002	04/30/04
NASS-SB995	Meat Animals, PDI - Final Estimates 1998-2002	05/21/04
NASS-SB988	Milk Cows and Production - Final Estimates 1998-2002	04/30/04
NASS-SB996	Milk Disposition and Income - Final Estimates 1998-2002	05/21/04
NASS-SB985	Noncitrus Fruits and Nuts - Final Estimates 1997-2002	05/21/04
NASS-SB998	Potatoes and Sweet Potatoes - Final Estimates 1997-2002	08/20/04
NASS-SB994	Poultry Production and Value - Final Estimates 1998-2002	04/29/04
NASS-SB984	Rice Stocks - Final Estimates 1998-2003	03/17/04
NASS-SB990	Sheep and Goats - Final Estimates 1999-2003	04/30/04
NASS-SB983	Stocks of Grains, Oilseeds, and Hay - Final Estimates 1998-2003	03/17/04
NASS-SB981	Turkeys - Final Estimates 1998-2002	04/29/04
NASS-SB987	Vegetables - Final Estimates 1998-2003	05/28/04

Electronic Publications: These bulletins will be available **free of charge** on the Internet from the NASS Home Page at: www.usda.gov/nass/, in either text , PDF, or CSV format. From the Home Page select “Historic Data,” then “Statistical Bulletins.”

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 \$50.00. Visa, MasterCard, check, or money order are acceptable for payment.

Agricultural Statistics Database - Quick Stats: Selected State, U.S. and County information is available in an online database via the Internet **free of charge**. 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: www.usda.gov/nass/ .

Agricultural Census Publications: The U. S. Department of Agriculture's National Agricultural Statistics Service (NASS) released preliminary national and state data from the 2002 Census of Agriculture and final data for Puerto Rico on February 3, 2004. Census 2002 preliminary data include demographic items such as sex of operator, residence on or off the farm, days worked off farm, years present on farm, age group categories, race, and number of persons living in each household.

Assistance: For more information pertaining to this bulletin, call Ty Kalas at (202) 690-3236. 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.