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Bulletin  
Number 988

# Milk Cows and Production Final Estimates 1998-2002

April 2004

# USDA





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## Summary

**Milk:** Final Estimates by State, 1998-2002, U.S. Department of Agriculture, Agricultural Statistics Board, National Agricultural Statistics Service, Statistical Bulletin No. 988.

**Introduction:** This bulletin presents final estimates, including revisions made by the Agricultural Statistics Board (ASB), for the production years 1998 through 2002. Number of milk cows, production per cow, and total production were published during calendar years 1998-2002 in periodic ASB reports. The number of livestock operations and inventory by size groups will be published in Livestock Operations - Final Estimates 1998-2002, Statistical Bulletin No. 1002. Data included in this publication provide a historic record and a benchmark for current estimates. Disposition and Income data will be published in the Milk Disposition and Income - Final Estimates 1998-2002 Statistical Bulletin No. 996.

**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 percent.

Year	U. S. Annual Total Milk Production			U. S. Annual Number of Milk Cows		
	From (Mil)	To (Mil)	Change %	From (000)	To (000)	Change %
1998	157,348	157,262	-0.1	9,154	9,151	0.0
1999	162,716	162,589	-0.1	9,156	9,153	0.0
2000	167,559	167,393	-0.1	9,206	9,199	-0.1
2001	165,497	165,332	-0.1	9,114	9,103	-0.1
2002	170,063	170,063	0.0	9,139	9,139	0.0

**Historic Estimates:** Final estimates of Milk in earlier years are available in Statistical Bulletins No. 952 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.

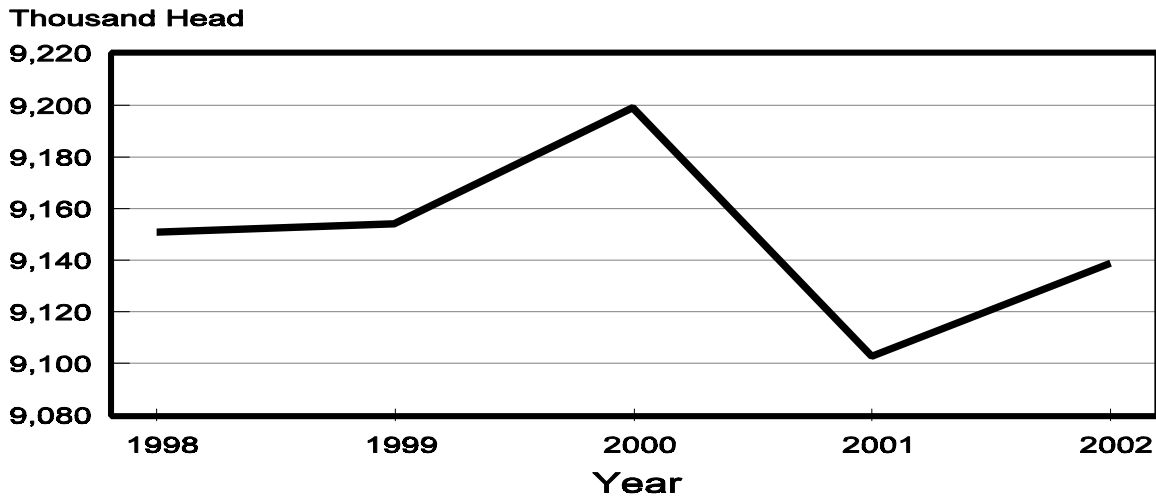
**Milk Cows and Production: United States, 1998-2002**

Year	Milk Cows <sup>1</sup> <i>1,000 Head</i>	Production per Cow <sup>2</sup>		Milk Production <sup>2</sup>
		Milk <i>Pounds</i>		Total <i>Million Pounds</i>
1998	9,151	17,185		157,262
1999	9,153	17,763		162,589
2000	9,199	18,197		167,393
2001	9,103	18,162		165,332
2002	9,139	18,608		170,063

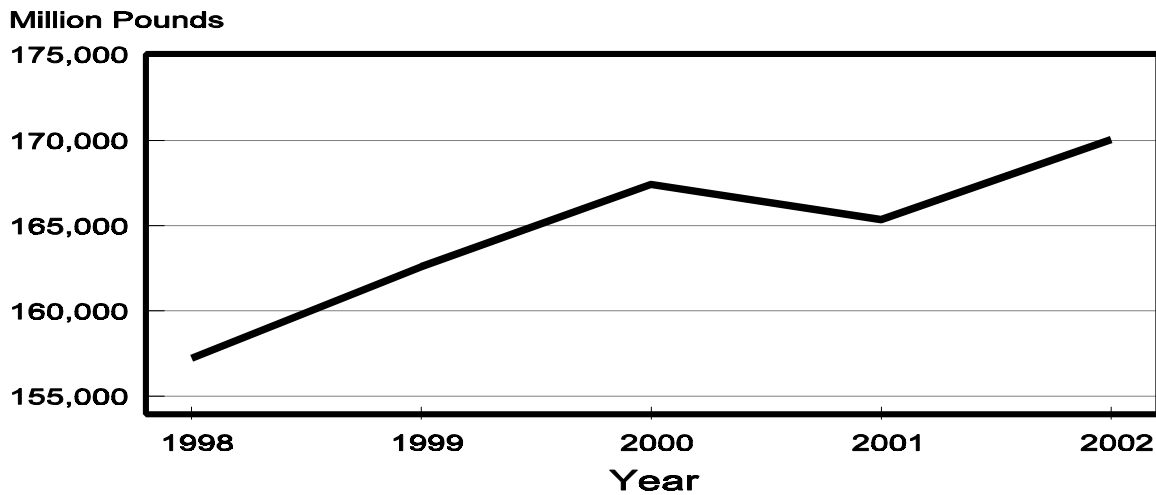
<sup>1</sup> Average number during year, excluding heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

**Milk Cows, 1998-2002  
United States**



**Milk Production, 1998-2002  
United States**



**Milk Cows and Production: By State and United States, 1998-2002**

State	Number of Milk Cows <sup>1</sup>				
	1998	1999	2000	2001	2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AL	28	27	25	21	20
AK	0.9	1.0	0.9	1.1	1.3
AZ	131	134	139	140	147
AR	45	42	39	35	32
CA	1,420	1,465	1,526	1,589	1,648
CO	83	83	89	92	100
CT	30	29	27	25	24
DE	10.9	10.0	9.9	9.0	9.0
FL	160	158	157	153	150
GA	93	90	88	86	85
HI	8.9	8.6	8.1	7.5	6.6
ID	292	318	347	366	388
IL	128	123	120	116	115
IN	136	136	146	153	151
IA	222	217	215	210	209
KS	82	86	91	93	107
KY	140	133	132	128	122
LA	63	61	58	54	48
ME	41	42	39	38	37
MD	86	86	84	82	81
MA	26	25	22	21	21
MI	299	299	300	303	301
MN	551	545	534	510	487
MS	42	38	36	35	34
MO	170	159	154	145	137
MT	18	18	19	19	18
NE	70	74	76	72	67
NV	26	25	25	25	25
NH	20	19	18	18	18
NJ	19	17	16	14	13
NM	217	232	250	268	301
NY	701	701	686	672	675
NC	75	73	71	67	64
ND	51	49	48	46	40
OH	264	260	262	260	262
OK	92	92	91	86	84
OR	89	89	90	95	114
PA	623	616	617	599	585
RI	2.1	2.0	1.8	1.4	1.4
SC	25	24	23	21	20
SD	99	98	95	89	86
TN	105	97	95	92	88
TX	352	345	348	326	317
UT	90	93	96	95	93
VT	161	160	156	153	154
VA	124	121	120	118	119
WA	248	247	247	247	247
WV	18	18	17	16	16
WI	1,369	1,365	1,344	1,292	1,271
WY	6.1	6.0	5.6	4.5	4.4
US <sup>2</sup>	9,151	9,153	9,199	9,103	9,139

<sup>1</sup> Number of milk cows is average number during year, excludes heifers not yet fresh.

<sup>2</sup> May not add due to rounding.

**Milk Cows and Production: By State and United States, 1998-2002**

State	Milk Production per Cow <sup>1</sup>				
	1998	1999	2000	2001	2002
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
AL	13,786	13,926	13,920	14,286	13,850
AK	15,922	13,580	14,500	13,055	13,600
AZ	20,458	21,873	21,820	22,036	23,333
AR	12,000	12,381	12,436	12,343	12,281
CA	19,451	20,781	21,130	20,904	21,277
CO	20,349	20,819	21,618	21,413	21,590
CT	17,633	17,931	17,778	18,240	18,625
DE	14,624	14,500	14,747	16,667	16,667
FL	14,606	15,177	15,688	15,758	15,387
GA	15,452	16,100	16,284	16,663	17,294
HI	14,494	13,919	14,358	14,107	14,667
ID	19,743	20,292	20,816	21,194	21,018
IL	16,570	16,496	17,450	17,414	17,835
IN	16,103	16,066	16,568	16,778	17,603
IA	17,167	17,521	18,298	18,024	18,201
KS	16,037	16,337	16,923	17,312	18,972
KY	12,214	12,414	12,841	12,969	13,230
LA	11,921	11,656	12,034	11,704	12,063
ME	16,585	16,405	17,128	17,211	17,730
MD	15,581	15,872	16,083	15,780	16,062
MA	16,846	16,800	17,091	17,000	17,190
MI	17,943	18,244	19,017	19,373	20,332
MN	16,833	17,391	17,777	17,278	17,368
MS	13,786	14,526	15,028	14,200	14,059
MO	13,924	14,069	14,662	13,441	14,204
MT	16,167	16,833	17,789	18,211	18,944
NE	15,000	15,392	16,513	16,194	17,418
NV	19,350	18,200	19,000	19,412	20,040
NH	16,650	16,895	17,333	17,889	18,222
NJ	15,368	16,471	15,250	16,643	18,154
NM	20,065	20,362	20,944	20,750	20,983
NY	16,762	17,235	17,378	17,530	18,101
NC	16,680	16,658	16,746	17,224	17,766
ND	13,843	14,061	14,292	14,000	14,825
OH	16,705	17,077	17,027	16,519	17,080
OK	13,435	13,576	14,440	15,407	15,560
OR	17,787	18,708	18,222	18,074	18,360
PA	17,411	17,745	18,081	18,112	18,419
RI	15,714	15,500	15,667	16,571	16,357
SC	14,960	15,375	16,087	17,476	18,200
SD	14,000	14,480	15,516	15,393	14,988
TN	14,295	14,608	14,789	14,511	14,943
TX	15,923	16,290	16,503	15,666	16,719
UT	16,811	17,398	17,573	17,211	17,914
VT	16,460	16,938	17,199	17,444	17,552
VA	14,847	15,479	15,833	15,975	15,891
WA	21,476	22,409	22,644	22,324	22,753
WV	15,444	15,278	15,588	15,563	15,188
WI	16,685	16,902	17,306	17,182	17,367
WY	13,082	13,300	13,571	14,000	14,409
US <sup>2</sup>	17,185	17,763	18,197	18,162	18,608

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> May not add due to rounding.

**Milk Cows and Production: By State and United States, 1998-2002**

State	Total Milk Production <sup>1</sup>				
	1998	1999	2000	2001	2002
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	386	376	348	300	277
AK	14	14	13	14	18
AZ	2,680	2,931	3,033	3,085	3,430
AR	540	520	485	432	393
CA	27,620	30,444	32,245	33,217	35,065
CO	1,689	1,728	1,924	1,970	2,159
CT	529	520	480	456	447
DE	159	145	146	150	150
FL	2,337	2,398	2,463	2,411	2,308
GA	1,437	1,449	1,433	1,433	1,470
HI	129	120	116	106	97
ID	5,765	6,453	7,223	7,757	8,155
IL	2,121	2,029	2,094	2,020	2,051
IN	2,190	2,185	2,419	2,567	2,658
IA	3,811	3,802	3,934	3,785	3,804
KS	1,315	1,405	1,540	1,610	2,030
KY	1,710	1,651	1,695	1,660	1,614
LA	751	711	698	632	579
ME	680	689	668	654	656
MD	1,340	1,365	1,351	1,294	1,301
MA	438	420	376	357	361
MI	5,365	5,455	5,705	5,870	6,120
MN	9,275	9,478	9,493	8,812	8,458
MS	579	552	541	497	478
MO	2,367	2,237	2,258	1,949	1,946
MT	291	303	338	346	341
NE	1,050	1,139	1,255	1,166	1,167
NV	502	456	476	485	501
NH	333	321	312	322	328
NJ	292	280	244	233	236
NM	4,354	4,724	5,236	5,561	6,316
NY	11,750	12,082	11,921	11,780	12,218
NC	1,251	1,216	1,189	1,154	1,137
ND	706	689	686	644	593
OH	4,410	4,440	4,461	4,295	4,475
OK	1,236	1,249	1,314	1,325	1,307
OR	1,583	1,665	1,640	1,717	2,093
PA	10,847	10,931	11,156	10,849	10,775
RI	33	31	28	23	23
SC	374	369	370	367	364
SD	1,386	1,419	1,474	1,370	1,289
TN	1,501	1,417	1,405	1,335	1,315
TX	5,605	5,620	5,743	5,107	5,300
UT	1,513	1,618	1,687	1,635	1,666
VT	2,650	2,710	2,683	2,669	2,703
VA	1,841	1,873	1,900	1,885	1,891
WA	5,326	5,535	5,593	5,514	5,620
WV	278	275	265	249	243
WI	22,842	23,071	23,259	22,199	22,074
WY	80	80	76	63	63
US <sup>2</sup>	157,262	162,589	167,393	165,332	170,063

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> May not add due to rounding.



**Milk: Number of Milk Cows, Milk per Cow, and Milk Production  
by Month, 20 Major States, 1998-2002**

Month	Number of Milk Cows <sup>1</sup>				
	1998	1999	2000	2001	2002
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Jan	7,727	7,693	7,763	7,784	7,756
Feb	7,717	7,693	7,767	7,762	7,759
Mar	7,709	7,712	7,779	7,741	7,762
Apr	7,712	7,718	7,789	7,739	7,775
May	7,718	7,731	7,798	7,745	7,781
Jun	7,716	7,741	7,810	7,750	7,791
Jul	7,710	7,751	7,821	7,745	7,794
Aug	7,706	7,752	7,819	7,733	7,797
Sep	7,702	7,753	7,817	7,728	7,795
Oct	7,692	7,746	7,818	7,724	7,802
Nov	7,696	7,756	7,807	7,741	7,802
Dec	7,696	7,754	7,803	7,757	7,803
Year	7,708	7,733	7,799	7,746	7,785
	Milk Production per Cow <sup>2</sup>				
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Jan	1,465	1,518	1,579	1,551	1,592
Feb	1,347	1,404	1,505	1,429	1,474
Mar	1,515	1,584	1,633	1,601	1,656
Apr	1,499	1,554	1,594	1,572	1,623
May	1,555	1,611	1,636	1,635	1,680
Jun	1,475	1,516	1,546	1,557	1,587
Jul	1,469	1,498	1,560	1,552	1,580
Aug	1,444	1,489	1,524	1,519	1,571
Sep	1,385	1,444	1,463	1,474	1,497
Oct	1,444	1,492	1,512	1,523	1,542
Nov	1,408	1,460	1,457	1,487	1,498
Dec	1,491	1,540	1,521	1,560	1,581
Year	17,497	18,110	18,530	18,460	18,881
	Total Milk Production <sup>2</sup>				
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
Jan	11,323	11,678	12,261	12,072	12,351
Feb	10,394	10,798	11,692	11,092	11,435
Mar	11,677	12,217	12,700	12,396	12,855
Apr	11,562	11,992	12,414	12,168	12,621
May	11,999	12,452	12,754	12,662	13,073
Jun	11,381	11,738	12,074	12,066	12,366
Jul	11,323	11,611	12,201	12,020	12,316
Aug	11,126	11,539	11,920	11,749	12,248
Sep	10,666	11,199	11,440	11,390	11,668
Oct	11,108	11,560	11,818	11,766	12,030
Nov	10,836	11,327	11,371	11,509	11,685
Dec	11,471	11,938	11,869	12,102	12,333
Year	134,866	140,049	144,514	142,992	146,981

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

**Milk Cows: Number by Month, State, 20-State, and United States, 1998<sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	
AZ	130	130	130	130	130	131	
CA	1,402	1,406	1,408	1,411	1,414	1,417	
FL	160	160	162	162	162	160	
ID	283	283	283	288	293	293	
IL	130	129	129	129	128	128	
IN	135	134	134	136	137	138	
IA	225	224	224	223	223	222	
KY	145	143	141	141	141	141	
MI	297	296	297	298	299	301	
MN	555	555	555	555	555	555	
MO	175	175	174	173	172	171	
NM	216	216	216	216	217	217	
NY	700	698	697	700	701	701	
OH	265	265	265	265	265	264	
PA	625	625	624	624	623	623	
TX	368	365	362	359	356	353	
VT	163	162	161	160	161	161	
VA	125	125	125	125	125	125	
WA	250	250	249	249	248	247	
WI	1,378	1,376	1,373	1,368	1,368	1,368	
20-Sts	7,727	7,717	7,709	7,712	7,718	7,716	
US	9,185	9,173	9,164	9,161	9,168	9,165	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	132	132	132	132	132	132	131
CA	1,421	1,424	1,428	1,432	1,436	1,438	1,420
FL	159	159	158	158	158	157	160
ID	294	296	296	298	299	301	292
IL	127	127	127	126	126	125	128
IN	136	135	136	136	138	137	136
IA	222	222	222	221	221	219	222
KY	141	140	138	137	136	136	140
MI	305	302	299	297	297	299	299
MN	550	550	550	545	545	545	551
MO	170	169	168	167	166	165	170
NM	217	218	219	219	218	218	217
NY	700	701	702	702	702	702	701
OH	264	263	263	262	262	261	264
PA	623	623	623	621	620	619	623
TX	350	347	344	342	341	340	352
VT	162	162	161	161	161	162	161
VA	124	123	123	123	123	122	124
WA	247	247	247	247	247	248	248
WI	1,366	1,366	1,366	1,366	1,368	1,370	1,369
20-Sts	7,710	7,706	7,702	7,692	7,696	7,696	7,708
US	9,147	9,142	9,137	9,118	9,123	9,123	9,151

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average based on monthly totals.

**Milk Cows: Number by Month, State, 20-State, and United States, 1999 <sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	
AZ	132	132	132	132	134	134	
CA	1,443	1,444	1,451	1,455	1,457	1,464	
FL	158	158	159	160	160	159	
ID	304	306	309	312	314	317	
IL	125	125	125	124	123	122	
IN	137	136	136	136	136	136	
IA	220	219	218	218	217	217	
KY	135	135	134	134	133	133	
MI	291	292	296	298	303	304	
MN	545	545	545	545	545	545	
MO	164	162	161	160	160	159	
NM	220	223	231	231	232	234	
NY	702	702	700	700	702	702	
OH	260	260	260	260	260	260	
PA	617	615	614	615	615	614	
TX	340	341	342	342	345	346	
VT	162	162	162	161	160	159	
VA	122	122	122	122	122	121	
WA	248	248	249	248	247	247	
WI	1,368	1,366	1,366	1,365	1,366	1,368	
20-Sts	7,693	7,693	7,712	7,718	7,731	7,741	
US	9,114	9,114	9,137	9,137	9,152	9,164	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	135	135	135	135	135	135	134
CA	1,468	1,470	1,476	1,480	1,482	1,484	1,465
FL	159	158	157	156	156	156	158
ID	322	324	325	327	329	331	318
IL	122	121	121	121	121	121	123
IN	136	136	135	135	137	138	136
IA	216	216	216	215	215	215	217
KY	132	132	132	131	131	131	133
MI	306	302	299	299	298	297	299
MN	545	550	550	545	545	540	545
MO	157	157	157	158	158	158	159
NM	235	235	235	235	236	236	232
NY	702	702	702	700	700	700	701
OH	260	259	259	259	259	258	260
PA	614	615	616	617	618	619	616
TX	346	346	346	346	348	350	345
VT	159	160	160	159	160	159	160
VA	120	121	121	121	121	120	121
WA	249	247	247	245	245	246	247
WI	1,368	1,366	1,364	1,362	1,362	1,360	1,365
20-Sts	7,751	7,752	7,753	7,746	7,756	7,754	7,733
US	9,167	9,168	9,169	9,162	9,174	9,171	9,153

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average based on monthly totals.

**Milk Cows: Number by Month, State, 20-State, and United States, 2000** <sup>1 2</sup>

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	
AZ	137	137	137	138	138	138	
CA	1,493	1,500	1,506	1,510	1,516	1,523	
FL	156	157	158	158	158	158	
ID	332	332	334	339	344	351	
IL	120	120	120	120	120	120	
IN	139	141	143	145	144	144	
IA	215	215	215	215	215	215	
KY	130	130	132	133	133	133	
MI	298	296	296	299	301	304	
MN	540	540	540	540	540	535	
MO	158	157	156	157	156	155	
NM	237	238	240	241	246	249	
NY	700	700	698	695	690	688	
OH	259	259	261	262	262	262	
PA	617	617	618	615	615	617	
TX	350	350	350	350	350	350	
VT	158	157	157	156	156	156	
VA	120	120	120	120	120	120	
WA	246	246	246	247	247	247	
WI	1,358	1,355	1,352	1,349	1,347	1,345	
20-Sts	7,763	7,767	7,779	7,789	7,798	7,810	
US	9,174	9,179	9,193	9,193	9,204	9,218	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	140	140	140	140	140	140	139
CA	1,529	1,536	1,541	1,547	1,553	1,558	1,526
FL	157	156	156	156	156	155	157
ID	355	355	356	356	354	354	347
IL	120	120	120	119	118	118	120
IN	145	147	148	149	150	151	146
IA	215	215	215	215	215	215	215
KY	133	132	132	131	131	131	132
MI	302	302	300	302	299	300	300
MN	535	530	530	530	525	525	534
MO	154	153	153	152	151	151	154
NM	252	255	258	261	261	261	250
NY	685	682	678	674	673	670	686
OH	263	263	264	264	264	265	262
PA	619	619	619	618	616	613	617
TX	349	348	346	345	345	345	348
VT	156	156	156	156	155	155	156
VA	120	120	119	119	119	119	120
WA	247	247	247	248	248	247	247
WI	1,345	1,343	1,339	1,336	1,334	1,330	1,344
20-Sts	7,821	7,819	7,817	7,818	7,807	7,803	7,799
US	9,216	9,214	9,212	9,206	9,193	9,189	9,199

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average based on monthly totals.

**Milk Cows: Number by Month, State, 20-State, and United States, 2001** <sup>1 2</sup>

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	
AZ	140	140	140	140	140	140	
CA	1,563	1,566	1,570	1,575	1,581	1,586	
FL	155	155	154	154	154	154	
ID	356	357	358	360	364	369	
IL	118	117	117	117	116	115	
IN	151	151	151	152	152	154	
IA	215	215	213	212	211	210	
KY	130	128	127	128	129	130	
MI	303	303	304	304	304	305	
MN	520	520	515	515	515	510	
MO	149	148	148	148	148	148	
NM	261	261	261	261	261	263	
NY	670	670	670	670	670	673	
OH	264	263	262	261	261	260	
PA	607	602	600	599	599	600	
TX	341	338	335	332	329	326	
VT	154	153	152	152	152	152	
VA	118	118	118	118	118	118	
WA	247	247	246	246	246	247	
WI	1,322	1,310	1,300	1,295	1,295	1,290	
20-Sts	7,784	7,762	7,741	7,739	7,745	7,750	
US	9,158	9,133	9,108	9,093	9,100	9,106	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	140	140	140	140	140	140	140
CA	1,591	1,596	1,602	1,607	1,613	1,619	1,589
FL	153	153	152	152	152	152	153
ID	370	370	369	369	372	377	366
IL	115	115	115	114	115	115	116
IN	154	154	154	154	155	155	153
IA	209	207	206	206	206	206	210
KY	129	128	127	126	125	125	128
MI	303	303	303	302	301	299	303
MN	510	505	505	500	500	500	510
MO	146	144	142	141	141	141	145
NM	265	268	270	273	280	288	268
NY	673	673	673	673	674	675	672
OH	258	258	257	257	256	258	260
PA	600	598	596	596	596	592	599
TX	324	322	318	315	315	315	326
VT	152	152	152	153	154	154	153
VA	118	118	118	118	119	119	118
WA	247	247	247	247	247	247	247
WI	1,288	1,282	1,282	1,281	1,280	1,280	1,292
20-Sts	7,745	7,733	7,728	7,724	7,741	7,757	7,746
US	9,093	9,079	9,073	9,075	9,095	9,114	9,103

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average based on monthly totals.

**Milk Cows: Number by Month, State, 20-State, and United States, 2002 <sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	
AZ	140	142	143	144	145	145	
CA	1,624	1,628	1,633	1,638	1,642	1,646	
FL	152	152	151	151	151	150	
ID	380	381	381	382	387	391	
IL	115	115	115	115	115	115	
IN	155	155	155	154	153	152	
IA	206	208	209	209	209	210	
KY	123	123	123	123	123	123	
MI	300	301	301	301	301	300	
MN	495	495	490	490	490	490	
MO	140	139	138	138	137	137	
NM	290	290	293	295	296	298	
NY	674	672	675	680	680	680	
OH	260	260	261	262	263	264	
PA	587	583	581	581	580	582	
TX	315	316	316	316	316	317	
VT	154	154	154	154	154	154	
VA	120	120	120	120	120	119	
WA	247	247	247	247	247	248	
WI	1,279	1,278	1,276	1,275	1,272	1,270	
20-Sts	7,756	7,759	7,762	7,775	7,781	7,791	
US	9,109	9,113	9,117	9,139	9,146	9,158	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AZ	148	150	151	152	153	154	147
CA	1,652	1,656	1,662	1,664	1,666	1,667	1,648
FL	149	149	148	147	147	147	150
ID	392	395	392	391	390	390	388
IL	115	115	115	115	115	115	115
IN	151	147	147	147	147	146	151
IA	210	210	209	208	208	208	209
KY	123	122	120	120	120	120	122
MI	301	302	302	302	302	301	301
MN	485	485	480	480	480	480	487
MO	137	136	136	136	135	134	137
NM	303	305	307	310	311	313	301
NY	678	673	672	672	673	675	675
OH	263	263	262	262	261	260	262
PA	584	585	587	591	591	590	585
TX	317	318	319	319	320	320	317
VT	154	154	153	153	153	153	154
VA	119	119	118	118	117	117	119
WA	248	248	247	247	247	247	247
WI	1,265	1,265	1,268	1,268	1,266	1,266	1,271
20-Sts	7,794	7,797	7,795	7,802	7,802	7,803	7,785
US	9,152	9,156	9,154	9,142	9,142	9,143	9,139

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average based on monthly totals.

**Milk per Cow: By Month, State, 20-State, and United States, 1998 <sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
AZ	1,800	1,660	1,885	1,885	1,945	1,780	
CA	1,670	1,480	1,665	1,640	1,720	1,635	
FL	1,375	1,300	1,420	1,375	1,350	1,170	
ID	1,640	1,490	1,660	1,620	1,680	1,660	
IL	1,400	1,310	1,510	1,490	1,510	1,360	
IN	1,370	1,260	1,410	1,430	1,400	1,340	
IA	1,440	1,320	1,472	1,465	1,520	1,433	
KY	1,035	965	1,105	1,135	1,115	1,000	
MI	1,485	1,370	1,530	1,495	1,565	1,515	
MN	1,420	1,320	1,465	1,435	1,480	1,410	
MO	1,155	1,090	1,240	1,305	1,285	1,135	
NM	1,510	1,480	1,705	1,720	1,795	1,755	
NY	1,380	1,280	1,440	1,420	1,490	1,430	
OH	1,430	1,320	1,480	1,410	1,485	1,420	
PA	1,495	1,365	1,535	1,530	1,550	1,435	
TX	1,340	1,290	1,475	1,490	1,480	1,320	
VT	1,365	1,255	1,405	1,395	1,460	1,395	
VA	1,295	1,175	1,345	1,320	1,310	1,185	
WA	1,745	1,605	1,805	1,790	1,885	1,835	
WI	1,360	1,255	1,410	1,395	1,480	1,435	
20-Sts	1,465	1,347	1,515	1,499	1,555	1,475	
US	1,445	1,329	1,494	1,472	1,526	1,449	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
AZ	1,530	1,410	1,440	1,650	1,675	1,795	20,458
CA	1,625	1,595	1,530	1,650	1,590	1,655	19,451
FL	1,140	1,040	985	1,030	1,120	1,325	14,606
ID	1,700	1,720	1,630	1,660	1,600	1,660	19,743
IL	1,320	1,320	1,280	1,340	1,350	1,420	16,570
IN	1,350	1,320	1,260	1,280	1,300	1,390	16,103
IA	1,425	1,403	1,350	1,420	1,410	1,480	17,167
KY	980	985	930	970	965	1,030	12,214
MI	1,545	1,520	1,465	1,485	1,450	1,520	17,943
MN	1,395	1,365	1,315	1,385	1,365	1,470	16,833
MO	1,105	1,055	1,060	1,125	1,125	1,200	13,924
NM	1,730	1,710	1,625	1,680	1,610	1,715	20,065
NY	1,450	1,420	1,350	1,375	1,330	1,410	16,762
OH	1,400	1,380	1,310	1,350	1,310	1,420	16,705
PA	1,460	1,435	1,380	1,415	1,380	1,435	17,411
TX	1,215	1,195	1,145	1,260	1,285	1,400	15,923
VT	1,400	1,370	1,310	1,350	1,315	1,400	16,460
VA	1,185	1,210	1,155	1,205	1,185	1,270	14,847
WA	1,845	1,840	1,775	1,815	1,740	1,805	21,476
WI	1,445	1,425	1,360	1,380	1,325	1,410	16,685
20-Sts	1,469	1,444	1,385	1,444	1,408	1,491	17,497
US	1,438	1,415	1,357	1,417	1,381	1,463	17,185

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average per cow for the year.

**Milk per Cow: By Month, State, 20-State, and United States, 1999 <sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
AZ	1,925	1,835	2,135	2,075	2,060	1,830	
CA	1,690	1,555	1,795	1,770	1,825	1,710	
FL	1,415	1,365	1,540	1,435	1,400	1,290	
ID	1,660	1,490	1,660	1,640	1,710	1,690	
IL	1,430	1,310	1,480	1,430	1,490	1,420	
IN	1,360	1,300	1,380	1,360	1,445	1,340	
IA	1,515	1,380	1,540	1,500	1,550	1,460	
KY	1,050	985	1,110	1,110	1,120	1,000	
MI	1,520	1,405	1,565	1,525	1,605	1,530	
MN	1,505	1,385	1,550	1,505	1,545	1,475	
MO	1,230	1,140	1,310	1,290	1,300	1,140	
NM	1,740	1,615	1,770	1,740	1,805	1,710	
NY	1,430	1,320	1,480	1,460	1,530	1,460	
OH	1,430	1,310	1,410	1,420	1,560	1,450	
PA	1,475	1,375	1,565	1,545	1,605	1,495	
TX	1,480	1,430	1,625	1,545	1,515	1,330	
VT	1,410	1,285	1,440	1,415	1,505	1,445	
VA	1,295	1,205	1,335	1,320	1,345	1,240	
WA	1,845	1,695	1,885	1,870	1,935	1,880	
WI	1,415	1,300	1,465	1,435	1,510	1,440	
20-Sts	1,518	1,404	1,584	1,554	1,611	1,516	
US	1,494	1,382	1,560	1,523	1,579	1,487	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
AZ	1,620	1,580	1,550	1,725	1,755	1,830	21,873
CA	1,710	1,770	1,705	1,760	1,715	1,780	20,781
FL	1,190	1,045	1,020	1,025	1,115	1,320	15,177
ID	1,770	1,770	1,700	1,750	1,680	1,730	20,292
IL	1,310	1,280	1,300	1,340	1,330	1,430	16,496
IN	1,325	1,300	1,275	1,325	1,275	1,355	16,066
IA	1,430	1,400	1,395	1,455	1,420	1,495	17,521
KY	985	975	960	1,015	1,005	1,110	12,414
MI	1,550	1,530	1,485	1,520	1,480	1,550	18,244
MN	1,420	1,385	1,335	1,400	1,380	1,495	17,391
MO	1,080	1,000	1,030	1,130	1,180	1,200	14,069
NM	1,690	1,635	1,600	1,685	1,660	1,720	20,362
NY	1,460	1,465	1,390	1,420	1,370	1,445	17,235
OH	1,460	1,440	1,400	1,390	1,350	1,480	17,077
PA	1,470	1,455	1,415	1,450	1,420	1,480	17,745
TX	1,225	1,095	1,125	1,255	1,290	1,390	16,290
VT	1,440	1,430	1,380	1,390	1,345	1,430	16,938
VA	1,185	1,280	1,265	1,315	1,315	1,350	15,479
WA	1,940	1,915	1,855	1,885	1,805	1,885	22,409
WI	1,420	1,410	1,360	1,385	1,340	1,420	16,902
20-Sts	1,498	1,489	1,444	1,492	1,460	1,540	18,110
US	1,465	1,456	1,413	1,464	1,432	1,510	17,763

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average per cow for the year.



**Milk per Cow: By Month, State, 20-State, and United States, 2000 <sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
AZ	1,925	1,935	2,115	2,080	2,095	1,890	
CA	1,815	1,705	1,820	1,810	1,845	1,755	
FL	1,455	1,410	1,565	1,470	1,465	1,325	
ID	1,730	1,610	1,720	1,710	1,800	1,760	
IL	1,500	1,480	1,580	1,520	1,550	1,440	
IN	1,400	1,330	1,445	1,410	1,450	1,380	
IA	1,555	1,500	1,610	1,560	1,610	1,530	
KY	1,155	1,090	1,205	1,165	1,120	1,000	
MI	1,590	1,510	1,640	1,610	1,640	1,595	
MN	1,545	1,465	1,585	1,530	1,555	1,490	
MO	1,240	1,220	1,350	1,330	1,320	1,200	
NM	1,780	1,730	1,890	1,835	1,910	1,790	
NY	1,460	1,380	1,510	1,470	1,530	1,460	
OH	1,470	1,410	1,530	1,430	1,510	1,400	
PA	1,520	1,475	1,620	1,590	1,615	1,495	
TX	1,515	1,480	1,655	1,550	1,540	1,355	
VT	1,455	1,375	1,490	1,455	1,515	1,450	
VA	1,425	1,335	1,450	1,410	1,400	1,250	
WA	1,900	1,795	1,945	1,935	1,980	1,910	
WI	1,445	1,375	1,495	1,450	1,515	1,450	
20-Sts	1,579	1,505	1,633	1,594	1,636	1,546	
US	1,552	1,480	1,605	1,564	1,605	1,518	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
AZ	1,735	1,580	1,555	1,645	1,585	1,735	21,820
CA	1,820	1,745	1,685	1,735	1,665	1,735	21,130
FL	1,215	1,120	1,030	1,120	1,170	1,360	15,688
ID	1,820	1,790	1,720	1,760	1,670	1,730	20,816
IL	1,430	1,400	1,350	1,400	1,390	1,460	17,450
IN	1,385	1,335	1,305	1,390	1,365	1,425	16,568
IA	1,540	1,510	1,450	1,490	1,450	1,495	18,298
KY	1,015	1,015	980	1,040	1,010	1,075	12,841
MI	1,620	1,605	1,515	1,580	1,530	1,585	19,017
MN	1,455	1,435	1,380	1,435	1,405	1,485	17,777
MO	1,210	1,130	1,080	1,180	1,170	1,180	14,662
NM	1,730	1,730	1,645	1,690	1,580	1,670	20,944
NY	1,490	1,470	1,400	1,430	1,360	1,410	17,378
OH	1,420	1,390	1,360	1,360	1,325	1,400	17,027
PA	1,500	1,485	1,420	1,470	1,425	1,470	18,081
TX	1,235	1,200	1,145	1,275	1,225	1,310	16,503
VT	1,460	1,435	1,385	1,405	1,350	1,405	17,199
VA	1,265	1,250	1,220	1,285	1,270	1,320	15,833
WA	1,965	1,940	1,845	1,860	1,765	1,815	22,644
WI	1,480	1,465	1,405	1,430	1,370	1,420	17,306
20-Sts	1,560	1,524	1,463	1,512	1,457	1,521	18,530
US	1,528	1,494	1,434	1,487	1,433	1,496	18,197

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average per cow for the year.

**Milk per Cow: By Month, State, 20-State, and United States, 2001<sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
AZ	1,880	1,770	2,020	1,970	2,010	1,865	
CA	1,760	1,615	1,790	1,770	1,825	1,755	
FL	1,440	1,380	1,580	1,475	1,515	1,330	
ID	1,740	1,580	1,770	1,740	1,830	1,780	
IL	1,470	1,380	1,580	1,555	1,610	1,480	
IN	1,455	1,295	1,450	1,420	1,470	1,420	
IA	1,525	1,410	1,570	1,545	1,610	1,495	
KY	1,090	1,040	1,180	1,180	1,200	1,075	
MI	1,590	1,475	1,660	1,620	1,705	1,655	
MN	1,520	1,385	1,545	1,495	1,525	1,465	
MO	1,150	1,070	1,200	1,265	1,255	1,140	
NM	1,680	1,550	1,760	1,760	1,870	1,790	
NY	1,460	1,315	1,480	1,450	1,540	1,485	
OH	1,340	1,240	1,410	1,390	1,470	1,370	
PA	1,520	1,420	1,580	1,540	1,600	1,520	
TX	1,365	1,285	1,460	1,435	1,450	1,310	
VT	1,450	1,330	1,490	1,455	1,550	1,480	
VA	1,380	1,280	1,425	1,380	1,415	1,305	
WA	1,845	1,680	1,885	1,860	1,950	1,900	
WI	1,445	1,335	1,495	1,460	1,530	1,460	
20-Sts	1,551	1,429	1,601	1,572	1,635	1,557	
US	1,529	1,409	1,579	1,548	1,610	1,533	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
AZ	1,725	1,625	1,650	1,800	1,790	1,920	22,036
CA	1,770	1,765	1,690	1,745	1,685	1,735	20,904
FL	1,235	1,115	1,030	1,120	1,170	1,320	15,758
ID	1,840	1,840	1,770	1,820	1,730	1,750	21,194
IL	1,405	1,370	1,345	1,390	1,375	1,490	17,414
IN	1,395	1,345	1,310	1,375	1,370	1,460	16,778
IA	1,475	1,475	1,430	1,480	1,485	1,550	18,024
KY	1,045	1,000	975	1,030	1,050	1,130	12,969
MI	1,645	1,615	1,570	1,600	1,575	1,675	19,373
MN	1,425	1,365	1,340	1,395	1,365	1,460	17,278
MO	1,055	975	985	1,085	1,080	1,145	13,441
NM	1,790	1,770	1,700	1,750	1,665	1,700	20,750
NY	1,510	1,470	1,425	1,460	1,425	1,510	17,530
OH	1,410	1,375	1,340	1,380	1,370	1,450	16,519
PA	1,510	1,480	1,450	1,500	1,460	1,540	18,112
TX	1,210	1,145	1,120	1,245	1,265	1,370	15,666
VT	1,505	1,460	1,420	1,450	1,410	1,490	17,444
VA	1,305	1,255	1,235	1,295	1,285	1,385	15,975
WA	1,960	1,945	1,835	1,860	1,780	1,845	22,324
WI	1,455	1,415	1,385	1,400	1,365	1,435	17,182
20-Sts	1,552	1,519	1,474	1,523	1,487	1,560	18,460
US	1,523	1,491	1,446	1,498	1,463	1,535	18,162

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average per cow for the year.

**Milk per Cow: By Month, State, 20-State, and United States, 2002 <sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	
AZ	2,085	1,970	2,250	2,195	2,200	1,985	
CA	1,755	1,625	1,835	1,800	1,880	1,810	
FL	1,410	1,335	1,515	1,455	1,450	1,345	
ID	1,750	1,590	1,760	1,740	1,820	1,770	
IL	1,550	1,440	1,620	1,610	1,630	1,470	
IN	1,480	1,360	1,530	1,535	1,565	1,435	
IA	1,560	1,430	1,615	1,585	1,630	1,510	
KY	1,170	1,100	1,245	1,240	1,230	1,080	
MI	1,680	1,575	1,770	1,720	1,785	1,675	
MN	1,515	1,385	1,560	1,510	1,540	1,445	
MO	1,210	1,150	1,335	1,325	1,315	1,170	
NM	1,740	1,610	1,830	1,815	1,910	1,810	
NY	1,530	1,405	1,565	1,520	1,605	1,535	
OH	1,480	1,365	1,500	1,470	1,550	1,425	
PA	1,570	1,460	1,630	1,600	1,650	1,535	
TX	1,465	1,370	1,570	1,550	1,535	1,385	
VT	1,510	1,375	1,530	1,495	1,570	1,500	
VA	1,390	1,290	1,450	1,410	1,425	1,310	
WA	1,880	1,735	1,930	1,910	2,005	1,925	
WI	1,460	1,350	1,510	1,475	1,525	1,450	
20-Sts	1,592	1,474	1,656	1,623	1,680	1,587	
US	1,572	1,455	1,635	1,600	1,656	1,564	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg <sup>3</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
AZ	1,850	1,785	1,650	1,730	1,765	1,875	23,333
CA	1,815	1,815	1,705	1,770	1,695	1,770	21,277
FL	1,250	1,190	1,045	1,055	1,100	1,265	15,387
ID	1,810	1,830	1,730	1,760	1,690	1,780	21,018
IL	1,420	1,395	1,365	1,430	1,420	1,505	17,835
IN	1,400	1,415	1,370	1,470	1,480	1,600	17,603
IA	1,495	1,480	1,425	1,480	1,470	1,550	18,201
KY	1,035	1,025	990	1,025	1,020	1,075	13,230
MI	1,725	1,705	1,615	1,680	1,650	1,740	20,332
MN	1,415	1,410	1,340	1,390	1,380	1,485	17,368
MO	1,120	1,090	1,050	1,120	1,125	1,210	14,204
NM	1,810	1,765	1,685	1,725	1,620	1,685	20,983
NY	1,540	1,510	1,465	1,495	1,420	1,500	18,101
OH	1,390	1,390	1,360	1,410	1,350	1,405	17,080
PA	1,525	1,515	1,460	1,495	1,460	1,515	18,419
TX	1,315	1,250	1,220	1,310	1,305	1,425	16,719
VT	1,480	1,450	1,400	1,425	1,380	1,470	17,552
VA	1,285	1,250	1,235	1,270	1,260	1,315	15,891
WA	1,965	1,965	1,855	1,870	1,800	1,890	22,753
WI	1,455	1,470	1,405	1,420	1,385	1,465	17,367
20-Sts	1,580	1,571	1,497	1,542	1,498	1,581	18,881
US	1,554	1,545	1,472	1,520	1,477	1,558	18,608

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Average per cow for year.

**Milk Production: Total by Month, State, 20-State, and United States, 1998<sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	
AZ	234	216	245	245	253	233	
CA	2,341	2,081	2,344	2,314	2,432	2,317	
FL	220	208	230	223	219	187	
ID	464	422	470	467	492	486	
IL	182	169	195	192	193	174	
IN	185	169	189	194	192	185	
IA	324	296	330	327	339	318	
KY	150	138	156	160	157	141	
MI	441	406	454	446	468	456	
MN	788	733	813	796	821	783	
MO	202	191	216	226	221	194	
NM	326	320	368	372	390	381	
NY	966	893	1,004	994	1,044	1,002	
OH	379	350	392	374	394	375	
PA	934	853	958	955	966	894	
TX	493	471	534	535	527	466	
VT	222	203	226	223	235	225	
VA	162	147	168	165	164	148	
WA	436	401	449	446	467	453	
WI	1,874	1,727	1,936	1,908	2,025	1,963	
20-Sts	11,323	10,394	11,677	11,562	11,999	11,381	
US	13,275	12,188	13,692	13,485	13,992	13,276	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total <sup>3</sup>
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AZ	202	186	190	218	221	237	2,680
CA	2,309	2,271	2,185	2,363	2,283	2,380	27,620
FL	181	165	156	163	177	208	2,337
ID	500	509	482	495	478	500	5,765
IL	168	168	163	169	170	178	2,121
IN	184	178	171	174	179	190	2,190
IA	316	311	300	314	312	324	3,811
KY	138	138	128	133	131	140	1,710
MI	471	459	438	441	431	454	5,365
MN	767	751	723	755	744	801	9,275
MO	188	178	178	188	187	198	2,367
NM	375	373	356	368	351	374	4,354
NY	1,015	995	948	965	934	990	11,750
OH	370	363	345	354	343	371	4,410
PA	910	894	860	879	856	888	10,847
TX	425	415	394	431	438	476	5,605
VT	227	222	211	217	212	227	2,650
VA	147	149	142	148	146	155	1,841
WA	456	454	438	448	430	448	5,326
WI	1,974	1,947	1,858	1,885	1,813	1,932	22,842
20-Sts	11,323	11,126	10,666	11,108	10,836	11,471	134,866
US	13,159	12,932	12,395	12,921	12,602	13,345	157,262

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Total milk production for the year.

**Milk Production: Total by Month, State, 20-State, and United States, 1999<sup>1 2</sup>**

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	
AZ	254	242	282	274	276	245	
CA	2,439	2,245	2,605	2,575	2,659	2,503	
FL	224	216	245	230	224	205	
ID	505	456	513	512	537	536	
IL	179	164	185	177	183	173	
IN	186	177	188	185	197	182	
IA	333	302	336	327	336	317	
KY	142	133	149	149	149	133	
MI	442	410	463	454	486	465	
MN	820	755	845	820	842	804	
MO	202	185	211	206	208	181	
NM	383	360	409	402	419	400	
NY	1,004	927	1,036	1,022	1,074	1,025	
OH	372	341	367	369	406	377	
PA	910	846	961	950	987	918	
TX	503	488	556	528	523	460	
VT	228	208	233	228	241	230	
VA	158	147	163	161	164	150	
WA	458	420	469	464	478	464	
WI	1,936	1,776	2,001	1,959	2,063	1,970	
20-Sts	11,678	10,798	12,217	11,992	12,452	11,738	
US	13,618	12,593	14,250	13,919	14,453	13,625	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total <sup>3</sup>
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AZ	219	213	209	233	237	247	2,931
CA	2,510	2,602	2,517	2,605	2,542	2,642	30,444
FL	189	165	160	160	174	206	2,398
ID	570	573	553	572	553	573	6,453
IL	160	155	157	162	161	173	2,029
IN	180	177	172	179	175	187	2,185
IA	309	302	301	313	305	321	3,802
KY	130	129	127	133	132	145	1,651
MI	474	462	444	454	441	460	5,455
MN	774	762	734	763	752	807	9,478
MO	170	157	162	179	186	190	2,237
NM	397	384	376	396	392	406	4,724
NY	1,025	1,028	976	994	959	1,012	12,082
OH	380	373	363	360	350	382	4,440
PA	903	895	872	895	878	916	10,931
TX	424	379	389	434	449	487	5,620
VT	229	229	221	221	215	227	2,710
VA	142	155	153	159	159	162	1,873
WA	483	473	458	462	442	464	5,535
WI	1,943	1,926	1,855	1,886	1,825	1,931	23,071
20-Sts	11,611	11,539	11,199	11,560	11,327	11,938	140,049
US	13,430	13,348	12,954	13,410	13,140	13,849	162,589

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Total milk production for the year.

**Milk Production: Total by Month, State, 20-State, and United States, 2000** <sup>1 2</sup>

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	
AZ	264	265	290	287	289	261	
CA	2,710	2,558	2,741	2,733	2,797	2,673	
FL	227	221	247	232	231	209	
ID	574	535	574	580	619	618	
IL	180	178	190	182	186	173	
IN	195	188	207	204	209	199	
IA	334	323	346	335	346	329	
KY	150	142	159	155	149	133	
MI	474	447	485	481	494	485	
MN	834	791	856	826	840	797	
MO	196	192	211	209	206	186	
NM	422	412	454	442	470	446	
NY	1,022	966	1,054	1,022	1,056	1,004	
OH	381	365	399	375	396	367	
PA	938	910	1,001	978	993	922	
TX	530	518	579	543	539	474	
VT	230	216	234	227	236	226	
VA	171	160	174	169	168	150	
WA	467	442	478	478	489	472	
WI	1,962	1,863	2,021	1,956	2,041	1,950	
20-Sts	12,261	11,692	12,700	12,414	12,754	12,074	
US	14,242	13,582	14,752	14,380	14,774	13,989	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total <sup>3</sup>
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AZ	243	221	218	230	222	243	3,033
CA	2,783	2,680	2,597	2,684	2,586	2,703	32,245
FL	191	175	161	175	183	211	2,463
ID	646	635	612	627	591	612	7,223
IL	172	168	162	167	164	172	2,094
IN	201	196	193	207	205	215	2,419
IA	331	325	312	320	312	321	3,934
KY	135	134	129	136	132	141	1,695
MI	489	485	455	477	457	476	5,705
MN	778	761	731	761	738	780	9,493
MO	186	173	165	179	177	178	2,258
NM	436	441	424	441	412	436	5,236
NY	1,021	1,003	949	964	915	945	11,921
OH	373	366	359	359	350	371	4,461
PA	929	919	879	908	878	901	11,156
TX	431	418	396	440	423	452	5,743
VT	228	224	216	219	209	218	2,683
VA	152	150	145	153	151	157	1,900
WA	485	479	456	461	438	448	5,593
WI	1,991	1,967	1,881	1,910	1,828	1,889	23,259
20-Sts	12,201	11,920	11,440	11,818	11,371	11,869	144,514
US	14,086	13,766	13,210	13,691	13,172	13,749	167,393

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Total milk production for the year.

**Milk Production: Total by Month, State, 20-State, and United States, 2001** <sup>1 2</sup>

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	
AZ	263	248	283	276	281	261	
CA	2,751	2,529	2,810	2,788	2,885	2,783	
FL	223	214	243	227	233	205	
ID	619	564	634	626	666	657	
IL	173	161	185	182	187	170	
IN	220	196	219	216	223	219	
IA	328	303	334	328	340	314	
KY	142	133	150	151	155	140	
MI	482	447	505	492	518	505	
MN	790	720	796	770	785	747	
MO	171	158	178	187	186	169	
NM	438	405	459	459	488	471	
NY	978	881	992	972	1,032	999	
OH	354	326	369	363	384	356	
PA	923	855	948	922	958	912	
TX	465	434	489	476	477	427	
VT	223	203	226	221	236	225	
VA	163	151	168	163	167	154	
WA	456	415	464	458	480	469	
WI	1,910	1,749	1,944	1,891	1,981	1,883	
20-Sts	12,072	11,092	12,396	12,168	12,662	12,066	
US	14,003	12,867	14,380	14,077	14,649	13,959	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total <sup>3</sup>
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AZ	242	228	231	252	251	269	3,085
CA	2,816	2,817	2,707	2,804	2,718	2,809	33,217
FL	189	171	157	170	178	201	2,411
ID	681	681	653	672	644	660	7,757
IL	162	158	155	158	158	171	2,020
IN	215	207	202	212	212	226	2,567
IA	308	305	295	305	306	319	3,785
KY	135	128	124	130	131	141	1,660
MI	498	489	476	483	474	501	5,870
MN	727	689	677	698	683	730	8,812
MO	154	140	140	153	152	161	1,949
NM	474	474	459	478	466	490	5,561
NY	1,016	989	959	983	960	1,019	11,780
OH	364	355	344	355	351	374	4,295
PA	906	885	864	894	870	912	10,849
TX	392	369	356	392	398	432	5,107
VT	229	222	216	222	217	229	2,669
VA	154	148	146	153	153	165	1,885
WA	484	480	453	459	440	456	5,514
WI	1,874	1,814	1,776	1,793	1,747	1,837	22,199
20-Sts	12,020	11,749	11,390	11,766	11,509	12,102	142,992
US	13,849	13,537	13,122	13,598	13,303	13,988	165,332

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Total milk production for the year.

**Milk Production: Total by Month, State, 20-State, and United States, 2002** <sup>1 2</sup>

State	Jan	Feb	Mar	Apr	May	Jun	
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	
AZ	292	280	322	316	319	288	
CA	2,850	2,646	2,997	2,948	3,087	2,979	
FL	214	203	229	220	219	202	
ID	665	606	671	665	704	692	
IL	178	166	186	185	187	169	
IN	229	211	237	236	239	218	
IA	321	297	338	331	341	317	
KY	144	135	153	153	151	133	
MI	504	474	533	518	537	503	
MN	750	686	764	740	755	708	
MO	169	160	184	183	180	160	
NM	505	467	536	535	565	539	
NY	1,031	944	1,056	1,034	1,091	1,044	
OH	385	355	392	385	408	376	
PA	922	851	947	930	957	893	
TX	461	433	496	490	485	439	
VT	233	212	236	230	242	231	
VA	167	155	174	169	171	156	
WA	464	429	477	472	495	477	
WI	1,867	1,725	1,927	1,881	1,940	1,842	
20-Sts	12,351	11,435	12,855	12,621	13,073	12,366	
US	14,321	13,259	14,905	14,620	15,144	14,325	
	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total <sup>3</sup>
	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AZ	274	268	249	263	270	289	3,430
CA	2,998	3,006	2,834	2,945	2,824	2,951	35,065
FL	186	177	155	155	162	186	2,308
ID	710	723	678	688	659	694	8,155
IL	163	160	157	164	163	173	2,051
IN	211	208	201	216	218	234	2,658
IA	314	311	298	308	306	322	3,804
KY	127	125	119	123	122	129	1,614
MI	519	515	488	507	498	524	6,120
MN	686	684	643	667	662	713	8,458
MO	153	148	143	152	152	162	1,946
NM	548	538	517	535	504	527	6,316
NY	1,044	1,016	984	1,005	956	1,013	12,218
OH	366	366	356	369	352	365	4,475
PA	891	886	857	884	863	894	10,775
TX	417	398	389	418	418	456	5,300
VT	228	223	214	218	211	225	2,703
VA	153	149	146	150	147	154	1,891
WA	487	487	458	462	445	467	5,620
WI	1,841	1,860	1,782	1,801	1,753	1,855	22,074
20-Sts	12,316	12,248	11,668	12,030	11,685	12,333	146,981
US	14,225	14,145	13,476	13,897	13,499	14,247	170,063

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> U.S. monthly estimates are derived by proportionally allocating the quarterly estimate using the 20-State monthly totals.

<sup>3</sup> Total milk production for the year.



**Milk Cows and Production: Number and Milk Produced  
by Quarter, State, and United States, 1998**

State	Milk Cows <sup>1</sup>				Milk Production <sup>2</sup>			
	Jan-Mar <i>1,000 Head</i>	Apr-Jun <i>1,000 Head</i>	Jul-Sep <i>1,000 Head</i>	Oct-Dec <i>1,000 Head</i>	Jan-Mar <i>Million Pounds</i>	Apr-Jun <i>Million Pounds</i>	Jul-Sep <i>Million Pounds</i>	Oct-Dec <i>Million Pounds</i>
AL	28	28	27	27	109	104	81	92
AK	0.9	0.9	0.9	0.8	3.52	3.67	3.63	3.51
AZ	130	130	132	132	695	731	578	676
AR	49	46	43	42	146	145	129	120
CA	1,405	1,414	1,424	1,435	6,766	7,063	6,765	7,026
CO	83	83	83	83	407	432	429	421
CT	30	30	30	29	136	136	129	128
DE	11.0	11.0	11.0	10.5	43.0	42.0	37.1	37.3
FL	161	161	159	158	658	629	502	548
GA	95	95	93	90	403	381	310	343
HI	9.0	8.8	8.8	8.8	31.5	35.7	32.2	29.6
ID	283	291	295	299	1,356	1,445	1,491	1,473
IL	129	128	127	126	546	559	499	517
IN	134	137	136	137	543	571	533	543
IA	224	223	222	220	950	984	927	950
KS	80	81	82	83	335	345	310	325
KY	143	141	140	136	444	458	404	404
LA	64	63	63	63	216	203	156	176
ME	40	41	42	42	165	173	176	166
MD	87	86	86	86	348	348	320	324
MA	26	26	26	25	109	112	111	106
MI	297	299	302	298	1,301	1,370	1,368	1,326
MN	555	555	550	545	2,334	2,400	2,241	2,300
MS	43	42	42	40	169	157	121	132
MO	175	172	169	166	609	641	544	573
MT	18	18	18	18	72	74	72	73
NE	70	69	69	70	259	263	262	266
NV	26	26	26	26	122	127	127	126
NH	19	20	20	20	83	87	83	80
NJ	19	19	19	19	75	75	72	70
NM	216	217	218	218	1,014	1,143	1,104	1,093
NY	698	701	701	702	2,863	3,040	2,958	2,889
NC	77	76	74	73	332	325	291	303
ND	53	52	50	50	179	181	174	172
OH	265	265	263	262	1,121	1,143	1,078	1,068
OK	92	92	92	92	322	316	294	304
OR	88	89	89	88	384	404	401	394
PA	625	623	623	620	2,745	2,815	2,664	2,623
RI	2.1	2.1	2.1	2.1	8.3	8.6	7.8	8.3
SC	25	25	24	24	105	100	81	88
SD	101	100	98	97	346	355	345	340
TN	108	106	103	101	401	399	344	357
TX	365	356	347	341	1,498	1,528	1,234	1,345
UT	88	90	90	93	361	388	383	381
VT	162	161	162	161	651	683	660	656
VA	125	125	123	123	477	477	438	449
WA	250	248	247	247	1,286	1,366	1,348	1,326
WV	18	18	18	18	71	70	69	68
WI	1,376	1,368	1,366	1,368	5,537	5,896	5,779	5,630
WY	6.2	6.1	6.0	5.9	19.2	20.7	20.4	19.5
US <sup>3</sup>	9,174	9,165	9,142	9,121	39,155	40,753	38,486	38,868

<sup>1</sup> Quarterly average includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

<sup>3</sup> May not add due to rounding.

**Milk Cows and Production: Number and Milk Produced  
by Quarter, State, and United States, 1999**

State	Milk Cows <sup>1</sup>				Milk Production <sup>2</sup>			
	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	27	27	27	27	106	100	78	92
AK	0.9	1.0	1.0	0.9	3.5	3.6	3.5	3.0
AZ	132	133	135	135	778	795	641	717
AR	42	42	42	42	135	138	122	125
CA	1,446	1,459	1,471	1,482	7,289	7,737	7,629	7,789
CO	83	82	83	84	433	420	434	441
CT	29	29	29	28	134	136	126	124
DE	10.0	10.0	10.0	10.0	38.0	38.0	33.0	36.0
FL	158	160	158	156	685	659	514	540
GA	90	90	90	90	400	392	313	344
HI	8.6	8.5	8.6	8.6	30.4	32.5	30.3	26.5
ID	306	314	324	329	1,474	1,585	1,696	1,698
IL	125	123	121	121	528	533	472	496
IN	136	136	136	137	551	564	529	541
IA	219	217	216	215	971	980	912	939
KS	85	86	86	88	350	360	325	370
KY	135	133	132	131	424	431	386	410
LA	62	61	61	61	209	192	145	165
ME	42	42	41	41	173	178	173	165
MD	86	86	86	86	335	353	332	345
MA	25	25	24	24	105	109	104	102
MI	293	302	302	298	1,315	1,405	1,380	1,355
MN	545	545	548	543	2,420	2,466	2,270	2,322
MS	39	38	37	36	160	149	114	129
MO	162	160	157	158	598	595	489	555
MT	18	18	18	18	74	77	76	76
NE	72	73	74	75	277	285	281	296
NV	25	25	25	25	113	115	115	113
NH	19	19	19	19	81	83	79	78
NJ	18	18	17	16	74	74	68	64
NM	225	232	235	236	1,152	1,221	1,157	1,194
NY	701	701	702	700	2,967	3,121	3,029	2,965
NC	73	73	73	73	317	311	289	299
ND	50	49	48	49	176	178	168	167
OH	260	260	259	259	1,080	1,152	1,116	1,092
OK	92	92	92	92	325	317	294	313
OR	88	89	89	89	403	425	423	414
PA	615	615	615	618	2,717	2,855	2,670	2,689
RI	2.0	2.0	2.0	1.9	7.9	8.2	7.7	7.2
SC	24	24	23	23	103	98	79	89
SD	97	98	98	97	352	368	351	348
TN	100	98	95	95	379	373	320	345
TX	341	344	346	348	1,547	1,511	1,192	1,370
UT	93	93	93	94	384	413	413	408
VT	162	160	160	159	669	699	679	663
VA	122	122	121	121	468	475	450	480
WA	248	247	248	245	1,347	1,406	1,414	1,368
WV	18	18	18	18	71	69	66	69
WI	1,367	1,366	1,366	1,361	5,713	5,992	5,724	5,642
WY	5.9	5.9	6.0	6.0	18.9	20.1	21.0	19.8
US <sup>3</sup>	9,122	9,151	9,168	9,169	40,461	41,997	39,732	40,399

<sup>1</sup> Quarterly average includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

<sup>3</sup> May not add due to rounding.

**Milk Cows and Production: Number and Milk Produced  
by Quarter, State, and United States, 2000**

State	Milk Cows <sup>1</sup>				Milk Production <sup>2</sup>			
	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	26	25	24	23	104	94	72	78
AK	0.9	0.9	0.9	1.0	3.0	3.4	3.3	3.4
AZ	137	138	140	140	819	837	682	695
AR	41	40	38	37	138	134	107	106
CA	1,500	1,516	1,535	1,553	8,009	8,203	8,060	7,973
CO	87	89	89	90	466	488	487	483
CT	28	26	26	26	129	122	114	115
DE	10.0	10.0	10.0	9.5	40.0	38.0	33.0	35.0
FL	157	158	156	156	695	672	527	569
GA	89	88	87	86	402	384	310	337
HI	8.4	8.4	8.0	7.6	28.4	32.2	29.8	25.9
ID	333	345	355	355	1,683	1,817	1,893	1,830
IL	120	120	120	118	548	541	502	503
IN	141	144	147	150	590	612	590	627
IA	215	215	215	215	1,003	1,010	968	953
KS	88	89	91	94	390	390	370	390
KY	131	133	132	131	451	437	398	409
LA	59	58	57	57	210	188	144	156
ME	40	40	39	38	171	172	166	159
MD	85	84	83	82	357	347	323	324
MA	23	23	22	21	99	99	91	87
MI	297	301	301	300	1,406	1,460	1,429	1,410
MN	540	538	532	527	2,481	2,463	2,270	2,279
MS	36	36	36	36	162	144	112	123
MO	157	156	153	151	599	601	524	534
MT	19	19	19	19	82	85	86	85
NE	75	75	76	77	309	315	312	319
NV	25	25	25	25	115	118	123	120
NH	18	18	18	18	80	81	76	75
NJ	16	16	16	16	64	63	59	58
NM	238	245	255	261	1,288	1,358	1,301	1,289
NY	699	691	682	672	3,042	3,082	2,973	2,824
NC	72	72	71	69	316	303	282	288
ND	49	49	48	47	173	183	170	160
OH	260	262	263	264	1,145	1,138	1,098	1,080
OK	92	91	91	89	331	331	319	333
OR	90	90	90	90	399	417	414	410
PA	617	616	619	616	2,849	2,893	2,727	2,687
RI	1.9	1.8	1.8	1.6	7.7	7.5	6.8	6.2
SC	23	23	22	22	102	98	81	89
SD	96	96	95	94	365	378	369	362
TN	96	95	94	94	380	365	320	340
TX	350	350	348	345	1,627	1,556	1,245	1,315
UT	95	96	96	95	410	434	438	405
VT	157	156	156	155	680	689	668	646
VA	120	120	120	119	505	487	447	461
WA	246	247	247	248	1,387	1,439	1,420	1,347
WV	17	17	17	17	70	67	64	64
WI	1,355	1,347	1,342	1,333	5,846	5,947	5,839	5,627
WY	6.0	5.8	5.4	5.0	19.8	20.3	18.9	17.0
US <sup>3</sup>	9,182	9,205	9,214	9,196	42,576	43,143	41,062	40,612

<sup>1</sup> Quarterly average includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

<sup>3</sup> May not add due to rounding.

**Milk Cows and Production: Number and Milk Produced  
by Quarter, State, and United States, 2001**

State	Milk Cows <sup>1</sup>				Milk Production <sup>2</sup>			
	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	22	21	21	21	86	81	63	70
AK	1.1	1.1	1.1	1.2	3.4	3.6	3.6	3.7
AZ	140	140	140	140	794	818	701	772
AR	36	35	34	33	117	124	95	96
CA	1,566	1,581	1,596	1,613	8,090	8,456	8,340	8,331
CO	90	91	92	93	483	497	489	501
CT	26	25	24	24	120	118	108	110
DE	9.0	9.0	9.0	9.0	39.0	38.0	36.0	37.0
FL	155	154	153	152	680	665	517	549
GA	86	86	86	86	388	386	315	344
HI	7.6	7.5	7.4	7.4	27.7	28.9	26.0	23.2
ID	357	364	370	373	1,817	1,949	2,015	1,976
IL	117	116	115	115	519	539	475	487
IN	151	153	154	155	635	658	624	650
IA	214	211	207	206	965	982	908	930
KS	94	91	91	94	400	410	375	425
KY	128	129	128	125	425	446	387	402
LA	55	54	54	54	184	172	131	145
ME	37	38	38	38	159	167	166	162
MD	82	82	82	81	327	330	317	320
MA	21	21	21	21	88	92	89	88
MI	303	304	303	301	1,434	1,515	1,463	1,458
MN	518	513	507	500	2,306	2,302	2,093	2,111
MS	36	36	35	34	145	137	102	113
MO	148	148	144	141	507	542	434	466
MT	19	19	19	19	84	87	88	87
NE	75	73	70	69	306	302	275	283
NV	25	25	25	25	119	124	122	120
NH	18	18	18	18	80	83	79	80
NJ	15	14	14	14	60	60	57	56
NM	261	262	268	280	1,302	1,418	1,407	1,434
NY	670	671	673	674	2,851	3,003	2,964	2,962
NC	68	68	67	66	299	299	271	285
ND	46	46	46	44	156	168	166	154
OH	263	261	258	257	1,049	1,103	1,063	1,080
OK	87	86	85	85	338	341	321	325
OR	90	90	93	105	393	428	433	463
PA	603	599	598	595	2,726	2,792	2,655	2,676
RI	1.4	1.4	1.4	1.4	5.9	6.1	5.7	5.5
SC	22	21	20	20	101	98	80	88
SD	92	89	88	87	356	360	332	322
TN	94	93	90	89	355	355	305	320
TX	338	329	321	315	1,388	1,380	1,117	1,222
UT	96	95	94	93	394	414	419	408
VT	153	152	152	154	652	682	667	668
VA	118	118	118	119	482	484	448	471
WA	247	246	247	247	1,335	1,407	1,417	1,355
WV	16	16	16	16	61	64	63	61
WI	1,311	1,293	1,284	1,280	5,603	5,755	5,464	5,377
WY	4.6	4.4	4.5	4.5	15.2	15.4	16.2	16.2
US <sup>3</sup>	9,133	9,100	9,082	9,095	41,250	42,685	40,508	40,889

<sup>1</sup> Quarterly average includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

<sup>3</sup> May not add due to rounding.

**Milk Cows and Production: Number and Milk Produced  
by Quarter, State, and United States, 2002**

State	Milk Cows <sup>1</sup>				Milk Production <sup>2</sup>			
	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
AL	20	20	20	19	79	76	59	63
AK	1.2	1.2	1.3	1.3	4.0	4.4	4.9	4.4
AZ	142	145	150	153	894	923	791	822
AR	33	33	32	31	107	111	88	87
CA	1,628	1,642	1,657	1,666	8,493	9,014	8,838	8,720
CO	97	102	102	99	521	548	550	540
CT	24	24	24	23	116	117	107	107
DE	9.0	9.0	9.0	9.0	41.0	40.0	34.0	35.0
FL	152	151	149	147	646	641	518	503
GA	85	85	85	85	395	401	330	344
HI	6.7	6.7	6.5	6.6	24.5	25.7	23.9	22.7
ID	381	387	393	390	1,942	2,061	2,111	2,041
IL	115	115	115	115	530	541	480	500
IN	155	153	148	147	677	693	620	668
IA	208	209	210	208	956	989	923	936
KS	102	107	109	111	485	520	505	520
KY	123	123	122	120	432	437	371	374
LA	51	49	46	45	170	160	123	126
ME	38	38	37	36	164	171	164	157
MD	81	81	81	80	328	343	315	315
MA	21	21	20	20	91	94	89	87
MI	301	301	302	302	1,511	1,558	1,522	1,529
MN	493	490	483	480	2,200	2,203	2,013	2,042
MS	34	34	34	33	139	133	101	105
MO	139	137	136	135	513	523	444	466
MT	18	18	18	18	83	86	87	85
NE	68	67	67	66	297	298	282	290
NV	25	25	25	25	128	120	128	125
NH	18	18	17	17	84	85	80	79
NJ	13	13	13	13	60	61	58	57
NM	291	296	305	311	1,508	1,639	1,603	1,566
NY	674	680	674	673	3,031	3,169	3,044	2,974
NC	65	65	64	63	298	302	270	267
ND	41	40	39	38	152	156	145	140
OH	260	263	263	261	1,132	1,169	1,088	1,086
OK	84	84	84	83	332	337	321	317
OR	105	115	117	117	486	538	540	529
PA	584	581	585	591	2,720	2,780	2,634	2,641
RI	1.4	1.4	1.4	1.4	5.8	6.1	5.6	5.4
SC	20	20	20	20	102	99	80	83
SD	87	86	85	84	333	333	311	312
TN	90	90	87	84	350	360	300	305
TX	316	316	318	320	1,390	1,414	1,204	1,292
UT	93	92	93	92	391	423	436	416
VT	154	154	154	153	681	703	665	654
VA	120	120	119	117	496	496	448	451
WA	247	247	248	247	1,370	1,444	1,432	1,374
WV	16	16	15	15	62	64	60	57
WI	1,278	1,272	1,266	1,267	5,519	5,663	5,483	5,409
WY	4.5	4.6	4.4	4.1	15.8	17.0	16.3	14.3
US <sup>3</sup>	9,113	9,148	9,154	9,142	42,485	44,089	41,846	41,643

<sup>1</sup> Quarterly average includes dry cows, excludes heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

<sup>3</sup> May not add due to rounding.

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## 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 1997-2002	05/28/04

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**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.

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**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 Kalaus 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](mailto:nass@nass.usda.gov).

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