

Milk Production



National
Agricultural
Statistics
Service

United States
Department of
Agriculture

Washington, D.C.

Released October 16, 1991 by the Agricultural Statistics Board.

September Milk Production

Milk production in the 21 major States during September totaled 9.94 billion pounds, slightly below production in these same States in September 1990. August revised production, at 10.3 billion pounds, was 2 percent below August 1990.

Production per cow in the 21 major States averaged 1,187 pounds for September, 16 pounds above September 1990.

The number of cows on farms in the 21 major States was 8.38 million head, 8 thousand more than August but 136 thousand less than September 1990.

During the July-September period, the 21 major States produced 30.7 billion pounds of milk, 84.6 percent of the U.S. production. If producers in the remaining 29 States not surveyed monthly followed the same pattern as the 21 States, the U.S. production would be 12.4 billion for July, 12.2 billion pounds for August, and 11.7 billion for September.

July-September Milk Production

The quarterly production of milk for the U.S. was 36.3 billion pounds, down 1 percent from the July-September period last year. The average number of milk cows in the U.S. during the July-September quarter was 9.97 million head, 149 thousand less than the same period last year.

Grain and Other Concentrates Fed

Grain and other concentrates fed to milk cows on October 1, 1991, averaged 17.3 pounds, 0.2 of a pound more than on October 1, 1990.

Value of Grain and Other Concentrates

The value of grain and other concentrates fed to cows on October 1, averaged \$7.80 per hundredweight, \$0.24 less than the October 1, 1990, price.

The next Milk Production report will be released at 3:00 p.m. ET on November 15, 1991.

For information, call Daniel Buckner (202) 447-4448. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Da 1-1 (10-91)

MILK COWS AND MILK PRODUCTION BY QUARTERS, UNITED STATES

MONTH	MILK COWS <u>1/</u>		MILK PER COW <u>2/</u>		MILK PRODUCTION <u>2/</u>		1991 AS % OF 1990
	1990	1991	1990	1991	1990	1991	
	--- THOUSANDS ---		--- POUNDS ---		- MILLION POUNDS -		PERCENT
JAN-MAR	10,128	10,104	3,627	3,708	36,740	37,470	102
APR-JUN	10,111	10,020	3,820	3,855	38,626	38,630	100
JUL-SEP	10,119	9,970	3,620	3,642	36,632	36,313	99
OCT-DEC	10,151		3,575		36,285		
ANNUAL	10,127		14,642		148,284		

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

REVISED AUGUST 1991 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS <u>1/</u>		MILK PER COW <u>2/</u>		MILK PRODUCTION <u>2/</u>		1991 AS % OF 1990
	1990	1991	1990	1991	1990	1991	
	-- THOUSANDS --		---- POUNDS ---		MILLION POUNDS		PERCENT
CA	1,140	1,155	1,590	1,600	1,813	1,848	102
FL	178	178	1,010	990	180	176	98
ID	180	177	1,470	1,490	265	264	100
IL	193	191	1,190	1,230	230	235	102
IN	154	145	1,205	1,260	186	183	98
IA	302	305	1,210	1,110	368	339	92
KY	207	193	885	905	183	175	96
MD	102	101	1,100	1,140	112	115	103
MI	345	342	1,325	1,310	457	448	98
MN	705	680	1,110	1,110	783	755	96
MO	231	225	1,070	1,015	247	228	92
NY	765	753	1,195	1,210	914	911	100
NC	100	96	1,200	1,190	120	114	95
OH	341	336	1,100	1,100	375	370	99
PA	682	664	1,200	1,230	818	817	100
TN	198	194	930	940	184	182	99
TX	383	377	1,115	1,065	427	402	94
VT	163	165	1,190	1,185	194	196	101
VA	140	139	1,170	1,180	164	164	100
WA	240	237	1,590	1,615	382	383	100
WI	1,750	1,719	1,185	1,170	2,074	2,011	97
21 STATE:							
TOTAL	8,499	8,372	1,233	1,232	10,476	10,316	98

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION BY MONTHS, 21 SELECTED STATES

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		1991 AS % OF 1990
	1990	1991	1990	1991	1990	1991	
	-- THOUSANDS --		--- POUNDS ---		MILLION POUNDS		PERCENT
JAN	8,536	8,510	1,217	1,253	10,389	10,663	103
FEB	8,523	8,487	1,141	1,172	9,722	9,948	102
MAR	8,500	8,464	1,292	1,311	10,986	11,097	101
APR	8,497	8,426	1,273	1,294	10,818	10,906	101
MAY	8,496	8,418	1,324	1,334	11,252	11,228	100
JUN	8,495	8,389	1,262	1,260	10,719	10,573	99
JUL	8,487	8,368	1,260	1,251	10,691	10,472	98
AUG	8,499	8,372	1,233	1,232	10,476	10,316	98
SEP	8,516	8,380	1,171	1,187	9,973	9,944	100
OCT	8,516		1,200		10,223		
NOV	8,540		1,171		9,998		
DEC	8,547		1,225		10,467		
ANNUAL	8,513		14,768		125,714		

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

PRELIMINARY SEPTEMBER 1991 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		1991 AS % OF 1990
	1990	1991	1990	1991	1990	1991	
	-- THOUSANDS --		--- POUNDS ---		MILLION POUNDS		PERCENT
CA	1,142	1,155	1,520	1,515	1,736	1,750	101
FL	179	176	965	940	173	165	95
ID	183	178	1,390	1,410	254	251	99
IL	195	188	1,135	1,190	221	224	101
IN	155	145	1,160	1,220	180	177	98
IA	302	303	1,130	1,110	341	336	99
KY	205	192	875	890	179	171	96
MD	103	103	1,060	1,100	109	113	104
MI	345	342	1,240	1,275	428	436	102
MN	705	680	1,045	1,065	737	724	98
MO	230	225	1,015	1,000	233	225	97
NY	771	759	1,155	1,180	891	896	101
NC	100	97	1,190	1,195	119	116	97
OH	340	336	1,040	1,040	354	349	99
PA	682	670	1,140	1,200	777	804	103
TN	197	195	920	930	181	181	100
TX	384	377	1,060	1,050	407	396	97
VT	163	165	1,170	1,165	191	192	101
VA	141	139	1,150	1,160	162	162	100
WA	240	236	1,510	1,560	362	368	102
WI	1,754	1,719	1,105	1,110	1,938	1,908	98
21 STATE TOTAL	8,516	8,380	1,171	1,187	9,973	9,944	100

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

REVISED MILK COWS AND MILK PRODUCTION, APRIL-JUNE

STATE	APR-JUN MILK COWS <u>1/</u>		APR-JUN MILK PRODUCTION <u>2/</u>		1991 AS % OF 1990
	1990	1991	1990	1991	
	--- THOUSANDS ---		--- MILLION POUNDS ---		PERCENT
AL	41	41	139	135	97
AK	1.1	1.0	4.40	3.72	85
AZ	94	94	430	442	103
AR	69	68	213	211	99
CA	1,133	1,155	5,416	5,513	102
CO	77	78	336	345	103
CT	33	33	132	134	102
DE	8.9	9.2	30.9	33.1	107
FL	180	180	668	663	99
GA	110	108	366	372	102
HI	11.2	10.9	40.2	37.6	94
ID	177	179	747	759	102
IL	194	192	742	725	98
IN	155	149	586	606	103
IA	308	303	1,108	1,048	95
KS	99	98	310	315	102
KY	208	196	591	580	98
LA	82	79	248	245	99
ME	42	42	155	159	103
MD	102	103	349	356	102
MA	31	31	119	120	101
MI	345	343	1,335	1,352	101
MN	718	685	2,687	2,586	96
MS	62	62	203	197	97
MO	231	229	810	772	95
MT	24	24	81	87	107
NE	104	102	348	330	95
NV	20.0	19.0	86.0	81.7	95
NH	20	20	77	80	104
NJ	26	25	92	91	99
NM	79	94	398	493	124
NY	762	752	2,894	2,894	100
NC	100	99	389	393	101
ND	89	84	289	275	95
OH	341	337	1,184	1,195	101
OK	102	101	319	317	99
OR	98	100	419	429	102
PA	679	662	2,566	2,597	101
RI	2.3	2.3	8.9	9.1	102
SC	35	34	115	112	97
SD	140	137	451	444	98
TN	196	193	581	579	100
TX	383	383	1,437	1,442	100
UT	81	80	326	327	100
VT	162	163	610	619	101
VA	140	139	503	521	104
WA	237	236	1,132	1,134	100
WV	24	23	70	69	99
WI	1,747	1,734	6,454	6,373	99
WY	10.0	9.0	30.8	28.8	94
US <u>3/</u>	10,111	10,020	38,626	38,630	100

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ MILK COWS WILL NOT ADD DUE TO ROUNDING.

PRELIMINARY MILK COWS AND MILK PRODUCTION, JULY-SEPTEMBER

STATE	JUL-SEP MILK COWS <u>1/</u>		JUL-SEP MILK PRODUCTION <u>2/</u>		1991
	1990	1991	1990	1991	AS % OF 1990
	----- THOUSANDS -----		--- MILLION POUNDS ---		PERCENT
AL	42	40	113	109	96
AK	1.1	0.9	4.24	3.12	74
AZ	95	93	362	382	106
AR	69	68	199	198	99
CA	1,140	1,155	5,375	5,434	101
CO	77	77	335	337	101
CT	33	33	123	128	104
DE	9.0	9.3	30.4	33.5	110
FL	178	177	547	528	97
GA	112	104	321	305	95
HI	10.9	10.8	37.3	35.0	94
ID	181	178	786	780	99
IL	194	190	685	691	101
IN	154	145	559	546	98
IA	304	304	1,084	1,020	94
KS	99	97	305	300	98
KY	206	193	545	520	95
LA	80	80	212	216	102
ME	42	42	153	156	102
MD	102	102	331	342	103
MA	30	30	111	112	101
MI	345	342	1,344	1,342	100
MN	707	680	2,344	2,261	96
MS	61	60	168	163	97
MO	231	226	727	687	94
MT	24	24	86	87	101
NE	104	102	341	335	98
NV	20.0	19.0	82.0	84.7	103
NH	20	20	72	78	108
NJ	26	25	84	81	96
NM	85	95	395	500	127
NY	764	753	2,749	2,732	99
NC	100	97	360	346	96
ND	87	81	274	255	93
OH	340	336	1,113	1,103	99
OK	101	101	308	310	101
OR	99	100	418	431	103
PA	680	664	2,420	2,444	101
RI	2.2	2.2	8.2	8.3	101
SC	35	34	100	100	100
SD	140	136	428	409	96
TN	197	194	548	544	99
TX	383	378	1,278	1,217	95
UT	80	80	323	329	102
VT	163	164	582	585	101
VA	140	139	486	487	100
WA	240	237	1,130	1,139	101
WV	24	23	66	67	102
WI	1,751	1,720	6,147	5,984	97
WY	10.3	9.0	33.2	28.8	87
US <u>3/</u>	10,119	9,970	36,632	36,313	99

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.
 2/ EXCLUDES MILK SUCKED BY CALVES.
 3/ MILK COWS WILL NOT ADD DUE TO ROUNDING.

GRAIN AND OTHER CONCENTRATES
IN HERDS KEPT BY REPORTERS, OCTOBER 1, BY STATES

STATE	: GRAIN AND OTHER CONCENTRATES : : FED DAILY PER MILK COW		: VALUE PER 100 POUNDS OF CONCENTRATE : : RATION FED TO MILK COWS	
	1990	1991	1990	1991
	----- POUNDS -----		----- DOLLARS -----	
AL	17.9	17.1	8.60	8.30
AK	19.0	18.0	13.00	13.00
AZ	20.4	21.0	7.50	7.25
AR	16.9	17.1	8.00	7.80
CA	19.0	19.4	7.90	7.54
CO	21.5	21.5	7.00	7.25
CT	15.5	15.1	9.40	8.50
DE	17.1	17.7	7.80	7.70
FL	28.0	28.0	7.50	7.25
GA	20.0	21.2	8.50	7.85
ID	16.2	17.7	6.80	6.40
IL	16.4	16.2	8.50	8.10
IN	17.1	16.6	7.50	7.50
IA	15.8	15.6	7.25	7.90
KS	18.1	21.0	6.95	7.55
KY	15.4	15.4	8.50	8.50
LA	17.0	16.5	8.40	8.20
ME	15.0	15.4	9.10	8.80
MD	15.7	15.1	9.00	8.60
MA	17.5	14.7	8.90	8.70
MI	18.0	16.5	6.70	7.00
MN	16.1	16.3	7.50	7.20
MS	15.9	15.9	8.40	8.20
MO	16.5	17.5	7.75	7.40
MT	15.0	16.0	6.95	7.00
NE	15.4	15.6	6.80	6.90
NV	16.0	20.0	8.50	7.80
NH	15.6	15.4	8.90	8.80
NJ	13.3	14.3	9.60	9.00
NM	22.0	23.0	6.20	6.50
NY	14.8	15.1	9.10	8.90
NC	16.9	17.0	8.90	8.95
ND	14.0	14.0	5.80	5.10
OH	15.8	15.4	8.60	8.30
OK	18.5	18.0	7.70	7.30
OR	16.0	17.2	8.70	9.00
PA	13.6	14.8	9.29	9.21
RI	15.5	15.2	9.80	8.50
SC	17.0	17.0	8.55	8.10
SD	14.7	15.0	6.50	6.10
TN	15.0	15.0	9.20	9.00
TX	21.6	21.1	7.80	7.50
UT	17.0	18.4	7.00	6.70
VT	13.2	14.8	9.10	8.90
VA	15.3	15.5	9.20	8.80
WA	20.0	19.4	8.34	7.85
WV	14.0	13.8	9.00	8.70
WI	16.7	16.2	7.98	7.45
WY	11.2	10.7	6.30	6.00
US	17.1	17.3	8.04	7.80

Reliability of September Milk Production Forecast

Survey Procedures: Primary data used to determine these estimates were obtained from a sample of producers using non-probability mail surveys. Individual States maintain a list of all known dairy producers and information on head size. States use all known sources of producers to insure that their lists are as complete as possible. About 20,000 producers are sampled in January and data are collected from about 10,000 respondents. There are about 7,300 respondents in the remaining quarters. Generally, all larger producers and a sample of smaller producers are included in the survey. Questionnaires are mailed to respondents near the end of the month to obtain data pertaining to the first day of the month. Toward the end of the data collection period, statisticians review mail returns to insure that each size group obtain adequate representation. If additional reports are needed in some size groups, dairymen are telephoned to obtain the information on their herd.

Estimation Procedures: Estimates were prepared by each State by plotting survey expansions and averages on time series charts. The data are reviewed by the Agricultural Statistics Board for reasonableness between States and with check data levels.

Revision Policy: Milk production, rate per cow, and number of cows are subject to revision the following month for monthly States or the following quarter for the quarterly States. Normally, Federal Market Order sales are the main reason for revisions, however, not all orders have data available in time for this revision. A second revision is made in February each year based on additional check data. In the event that some additional changes are necessary, a third revision is allowed in February the following year. Estimates will also be reviewed after data are available from the five year Census of Agriculture conducted by the Department of Commerce. No revisions will be made after that date.

Reliability: Since all operation with dairy animals were not included in the sample, survey indications are subject to sampling variability. Survey data are subject to non-sampling errors such as omissions, duplications, mistakes in reporting, recording, and processing the data. These errors cannot be measured directly but they are minimized through a careful review of all reported data for consistency and reasonableness. Generally, the original estimates are within one-half percent of the final estimate.

Want to subscribe? **Time to renew?**

Subscribe to **Milk Production** today! If you already subscribe to this timely periodical, note that your subscription expires in the month and year shown on the top line of your mailing label. The expiration date will appear in one of two formats: APR93 (for April 1993) or 930430 (for April 30, 1993). Disregard this notice if no renewal date appears. Call 1-800-999-6779, and tell us whether you want to subscribe or renew, or return this form to: **ERS-NASS, P.O. Box 1608, Rockville, MD 20849-1608.**

Milk Production

- Yes! I want to **start** my subscription.
- Yes! I want to **renew** my subscription.

	1 Year	2 Years	3 Years
Domestic	<input type="checkbox"/> \$16.00	<input type="checkbox"/> \$31.00	<input type="checkbox"/> \$46.00
Foreign	<input type="checkbox"/> \$20.00	<input type="checkbox"/> \$38.75	<input type="checkbox"/> \$57.50

New subscribers:

Name: _____
Address: _____
City, State, Zip: _____
Daytime phone: (_____) _____

Renewals:

ATTACH MAILING LABEL HERE

Payment method:

- Bill me. Use purchase orders, checks drawn on U.S. banks, cashier's checks, or international money orders. **Make payable to ERS-NASS.**
- Enclosed is \$ _____

Credit card orders: MasterCard Visa Total charges \$ _____

Credit card number: [] Card expiration date: [] [] [] []
Month/Year

For fastest service, call our toll-free order desk 1-800-999-6779, in the U.S. and Canada; other areas please call 301-725-7937