

Milk Production



National
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Statistics
Service

United States
Department of
Agriculture

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March Milk Production

Milk production in the 21 major States during March totaled 11.1 billion pounds, up fractionally from production in these same States in March 1991. February revised production, at 10.2 billion pounds was 3 percent above February 1991 (not adjusted for leap year).

Production per cow in the 21 major States averaged 1,343 pounds for March, 33 pounds above March 1991.

The number of cows on farms in the 21 major States was 8.26 million head, 13 thousand head below February and 200 thousand below March 1991.

During the January-March period, the 21 major States produced 32.0 billion pounds of milk, 84.4 percent of the U.S. production. If the remaining 29 States not surveyed monthly followed the same pattern as the 21 States, the U.S. production would be 12.7 billion for January, 12.1 billion pounds for February, and 13.1 billion for March.

January-March Milk Production

The quarterly production of milk for the U.S. was 37.9 billion pounds, 1 percent above the January-March period last year. The average number of milk cows in the U.S. during the January-March quarter was 9.85 million head, 247 thousand less than the same period last year.

Grain and Other Concentrates Fed

Grain and other concentrates fed to milk cows on April 1 1992, averaged 18.1 pounds, 1 tenth of a pound more than on April 1, 1991.

Value of Grain and Other Concentrates

The value of grain and other concentrates fed to cows on April 1, averaged \$7.76 per hundredweight, \$0.01 less than the April 1, 1991, price.

For information call Daniel Buckner (202) 720-4448. Office hours are 8:00 a.m. to 4:30 p.m. ET.

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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>		: 1992 as : % of 1991
	1991	1992	1991	1992	1991	1992	
	----- 1,000 -----		--- Pounds ---		Million Pounds		Percent
Jan-Mar	10,101	9,854	3,705	3,851	37,425	37,949	101
Apr-Jun	9,999		3,864		38,633		
Jul-Sep	9,940		3,647		36,255		
Oct-Dec	9,918		3,651		36,212		
Annual	9,990		14,867		148,525		

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Revised February 1992 Milk Cows and Milk Production, by States

State	Milk Cows <u>1/</u>		Milk per Cow <u>2/</u>		Milk Production <u>2/</u>		: 1992 as : % of 1991
	1991	1992	1991	1992	1991	1992	
	----- 1,000 -----		--- Pounds ---		Million Pounds		Percent
CA	1,152	1,160	1,435	1,465	1,653	1,699	103
FL	184	182	1,230	1,260	226	229	101
ID	179	176	1,180	1,290	211	227	108
IL	195	187	1,160	1,160	226	217	96
IN	151	144	1,185	1,280	179	184	103
IA	302	302	1,150	1,170	347	353	102
KY	200	183	880	940	176	172	98
MD	105	99	1,075	1,130	113	112	99
MI	343	338	1,195	1,270	410	429	105
MN	690	670	1,170	1,220	807	817	101
MO	229	220	975	1,080	223	238	107
NY	768	745	1,120	1,230	860	916	107
NC	100	98	1,280	1,315	128	129	101
OH	339	330	1,100	1,140	373	376	101
PA	679	665	1,190	1,290	808	858	106
TN	194	195	890	900	173	176	102
TX	387	377	1,170	1,225	453	462	102
VT	164	163	1,145	1,245	188	203	108
VA	140	139	1,185	1,235	166	172	104
WA	236	241	1,410	1,535	333	370	111
WI	1,747	1,659	1,070	1,140	1,869	1,891	101
21 State:							
Total	8,484	8,273	1,169	1,237	9,922	10,230	103

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 <u>1/</u>		Milk per Cow <u>2/</u>		Milk Production <u>2/</u>		
	1991	1992	1991	1992	1991	1992	1992 as % of 1991
	---- 1,000 ----		---- Pounds ----		Million Pounds		Percent
Jan	8,510	8,296	1,251	1,288	10,645	10,684	100
Feb	8,484	8,273	1,169	1,237	9,922	10,230	103
Mar	8,460	8,260	1,310	1,343	11,084	11,097	100
Apr	8,416		1,297		10,918		
May	8,396		1,339		11,240		
Jun	8,377		1,262		10,570		
Jul	8,353		1,254		10,472		
Aug	8,357		1,238		10,349		
Sep	8,350		1,189		9,927		
Oct	8,346		1,224		10,212		
Nov	8,329		1,192		9,926		
Dec	8,322		1,252		10,418		
Annual	8,392		14,977		125,683		

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Preliminary March 1992 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	1992	1991	1992	1991	1992	1992 as % of 1991
	---- 1,000 ----		---- Pounds ----		Million Pounds		Percent
CA	1,153	1,158	1,600	1,610	1,845	1,864	101
FL	185	182	1,340	1,375	248	250	101
ID	176	176	1,350	1,440	238	253	106
IL	193	185	1,285	1,240	248	229	92
IN	149	144	1,365	1,410	203	203	100
IA	302	302	1,205	1,210	364	365	100
KY	197	183	1,005	1,040	198	190	96
MD	105	98	1,210	1,255	127	123	97
MI	343	338	1,320	1,360	453	460	102
MN	690	665	1,305	1,325	900	881	98
MO	229	222	1,120	1,170	257	260	101
NY	765	749	1,270	1,330	972	996	102
NC	100	98	1,420	1,400	142	137	96
OH	338	330	1,215	1,230	411	406	99
PA	676	657	1,310	1,380	886	907	102
TN	194	197	970	950	188	187	99
TX	386	377	1,345	1,355	519	511	98
VT	165	162	1,265	1,340	209	217	104
VA	140	138	1,305	1,340	183	185	101
WA	236	244	1,580	1,655	373	404	108
WI	1,738	1,655	1,220	1,250	2,120	2,069	98
21 State:							
Total	8,460	8,260	1,310	1,343	11,084	11,097	100

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Revised Milk Cows and Milk Production, October-December

State	Oct-Dec Milk Cows <u>1/</u>		Oct-Dec Milk Production <u>2/</u>		1991 as % of 1990
	1990	1991	1990	1991	
	1,000		Million Pounds		Percent
AL	43	42	129	129	100
AK	1.1	0.8	3.81	2.83	74
AZ	96	95	414	441	107
AR	69	68	197	201	102
CA	1,146	1,158	5,191	5,286	102
CO	77	77	330	332	101
CT	33	33	126	130	103
DE	9.0	9.4	30.1	32.3	107
FL	182	177	617	600	97
GA	113	104	372	361	97
HI	10.9	10.5	35.1	32.7	93
ID	185	178	749	714	95
IL	196	188	685	686	100
IN	155	145	567	554	98
IA	302	303	1,026	1,019	99
KS	98	96	320	305	95
KY	202	191	559	524	94
LA	80	79	229	224	98
ME	41	41	149	153	103
MD	105	103	347	348	100
MA	30	30	114	114	100
MI	343	339	1,268	1,281	101
MN	698	677	2,378	2,338	98
MS	62	60	179	175	98
MO	230	221	747	695	93
MT	24	24	82	83	101
NE	103	99	331	316	95
NV	20.0	19.0	79.8	82.0	103
NH	20	21	76	81	107
NJ	25	25	86	86	100
NM	87	95	392	502	128
NY	773	755	2,689	2,700	100
NC	101	98	389	378	97
ND	85	79	259	241	93
OH	340	334	1,123	1,128	100
OK	100	99	305	304	100
OR	100	100	395	409	104
PA	686	672	2,487	2,536	102
RI	2.2	2.2	8.4	8.1	96
SC	35	33	112	102	91
SD	139	134	417	405	97
TN	196	196	536	535	100
TX	388	374	1,384	1,312	95
UT	80	78	318	312	98
VT	164	164	584	600	103
VA	142	140	515	513	100
WA	239	236	1,081	1,112	103
WV	24	23	65	66	102
WI	1,761	1,683	5,793	5,697	98
WY	10.2	8.5	31.6	26.4	84
US <u>3/</u>	10,151	9,918	36,301	36,212	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, January-March

STATE	Jan-Mar Milk Cows <u>1/</u>		Jan-Mar Milk Production <u>2/</u>		1992
	1991	1992	1991	1992	as % of 1991
	----- 1,000 -----		-- Million Pounds --		Percent
AL	42	42	148	145	98
AK	1.1	0.8	3.65	2.83	78
AZ	96	97	445	472	106
AR	68	67	207	210	101
CA	1,152	1,159	5,269	5,349	102
CO	77	78	325	335	103
CT	33	33	133	138	104
DE	9.1	9.2	34.9	34.0	97
FL	184	181	717	720	100
GA	112	104	412	418	101
HI	11.0	10.6	35.7	37.2	104
ID	179	176	686	719	105
IL	194	186	709	680	96
IN	151	145	576	580	101
IA	302	302	1,064	1,068	100
KS	98	93	315	310	98
KY	199	184	569	545	96
LA	81	79	265	265	100
ME	41	41	153	158	103
MD	106	99	361	355	98
MA	31	30	120	121	101
MI	343	338	1,305	1,339	103
MN	690	668	2,576	2,552	99
MS	63	60	207	209	101
MO	229	221	725	740	102
MT	24	24	84	84	100
NE	102	98	319	319	100
NV	20.0	18.0	80.0	78.3	98
NH	20	21	79	85	108
NJ	25	25	91	92	101
NM	93	97	422	514	122
NY	767	748	2,777	2,883	104
NC	100	98	409	401	98
ND	85	78	264	246	93
OH	339	330	1,180	1,178	100
OK	99	95	307	304	99
OR	100	102	391	420	107
PA	679	664	2,529	2,641	104
RI	2.3	2.2	8.8	8.5	97
SC	34	31	114	113	99
SD	137	131	416	410	99
TN	194	196	536	539	101
TX	387	376	1,453	1,453	100
UT	79	80	298	314	105
VT	164	162	602	633	105
VA	140	139	529	538	102
WA	237	242	1,069	1,161	109
WV	24	23	68	69	101
WI	1,747	1,661	6,010	5,937	99
WY	9.0	8.3	27.9	26.4	95
US <u>3/</u>	10,101	9,854	37,425	37,949	101

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, April 1, by States

State	: Grain and Other Concentrates : Value per 100 Pounds of Concentrate		: Fed Daily per Milk Cow : Ration Fed to Milk Cows	
	: 1991	: 1992	: 1991	: 1992
	----- Pounds -----		----- Dollars -----	
AL	19.1	18.9	8.60	8.50
AK	19.0	18.0	13.00	13.00
AZ	23.0	24.9	7.30	6.80
AR	17.6	18.5	7.90	7.80
CA	20.7	19.5	7.94	7.30
CO	20.0	24.5	6.90	6.90
CT	16.3	15.7	8.90	8.80
DE	16.9	14.2	7.40	8.00
FL	29.0	26.0	7.50	7.30
GA	23.0	23.0	8.20	7.90
ID	16.8	18.0	6.70	6.60
IL	16.8	17.0	7.80	7.90
IN	17.2	17.3	7.70	7.60
IA	16.9	16.4	7.25	7.05
KS	20.9	20.2	7.10	7.55
KY	15.6	17.0	8.52	8.25
LA	18.0	18.0	8.05	8.20
ME	16.1	15.1	9.00	9.20
MD	17.0	15.3	8.40	9.00
MA	14.9	14.8	9.10	9.20
MI	16.5	16.0	6.50	7.50
MN	17.2	17.5	7.30	7.20
MS	17.3	18.4	8.30	8.10
MO	19.0	19.5	7.55	7.40
MT	16.0	16.0	6.90	7.15
NE	15.3	15.5	6.70	7.20
NV	20.5	22.0	8.50	8.00
NH	14.3	16.5	9.10	8.90
NJ	14.6	13.8	9.00	9.10
NM	22.0	22.0	6.30	5.80
NY	15.3	15.4	9.00	9.20
NC	18.0	17.4	9.25	8.80
ND	15.2	16.4	5.55	5.50
OH	15.8	17.0	8.00	8.20
OK	20.5	17.5	7.00	7.50
OR	16.0	17.0	8.90	8.80
PA	15.0	15.6	9.10	9.25
RI	15.5	16.0	8.90	8.80
SC	18.0	18.5	8.30	8.20
SD	15.4	15.4	6.20	6.40
TN	15.0	16.0	9.10	9.00
TX	21.6	23.5	7.60	7.50
UT	16.5	17.0	6.90	7.20
VT	14.0	14.7	9.10	8.90
VA	15.3	16.6	8.90	9.10
WA	19.6	19.0	8.00	7.55
WV	14.7	14.8	9.00	9.00
WI	17.7	18.0	7.00	7.30
WY	11.4	11.9	6.50	6.30
US	18.0	18.1	7.77	7.76

Survey Procedures: Primary data used to determine these estimates were obtained from a sample of producers. Individual States maintain a list of all known milk producers and information on the size of their herd. 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 7300 respondents in each of the remaining quarters. Generally all larger producers and a sample of smaller producers are included in the survey. Questionnaires are mailed to producers near the end of the month to obtain data for the first day of the month, January 1, February 1, etc. 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, statisticians obtain these by telephone.

Estimation Procedures: Each state statistician prepares their estimate by plotting survey expansions and averages on time series charts. The individual state estimates are reviewed by the Agricultural Statistics Board for reasonableness.

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 made in February the following year. Estimates are again reviewed after data for the five year Census of Agriculture, conducted by the Department of Commerce are available.

RELIABILITY: Since all operations with dairy animals are not included in the sample, estimates 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 on half percent of the final estimate.

The next "Milk Production" report will be released at 3:00 p.m. ET on May 15, 1992.

