

# milk production



December 1973

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## DECEMBER MILK PRODUCTION DOWN 3 PERCENT

U. S. Milk Production during December totaled 9,100 million pounds, 3 percent less than a year earlier. Daily average output was 2 percent more than last month compared with a 1 percent increase between November and December last year. December production provided 1.39 pounds of milk per person daily for all uses, compared with 1.37 in November and 1.45 pounds in December a year ago.

Preliminary estimates for 1973 milk production totaled 116,802 million pounds, 2.9 percent less than the 1972 total of 120,278 million pounds. Production was below 1972 in all months of 1973.

## RATE PER COW DOWN 3 POUNDS, MILK COWS DOWN 3 PERCENT

Milk production per cow was 804 pounds, compared with 807 pounds in December 1972.

Annual production per cow averaged 10,209 pounds in 1973 compared with 10,271 pounds in 1972.

During December there were 11.3 million milk cows on farms, down 3 percent from December a year ago.

## MILK-FEED PRICE RATIO DOWN 7 PERCENT FROM LAST YEAR

The milk-feed price ratio for December, at 1.52, was down 7 percent from a year ago and the lowest December ratio since 1964 when it was 1.47. The record high ratio for December was set in 1969 at 1.85. The average milk price is up \$2.25 from last year while the ration value is up \$1.79.

## GRAIN AND CONCENTRATE FEEDING AVERAGED 13.1 POUNDS PER COW

Grain and concentrates fed to milk cows on January 1 averaged 13.1 pounds per cow compared with 13.5 pounds on January 1, 1973. Feeding rates were below a year ago in 22 States.

**UNITED STATES DEPARTMENT OF AGRICULTURE**

STATISTICAL REPORTING SERVICE      CROP REPORTING BOARD

Da 1-1 (1-74)

WASHINGTON, D.C. 20250

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Milk cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			Change from 1972
	1971	1972	1973	1971	1972	1973	1971	1972	1973	
	Thousands			Pounds			Million pounds			
January	11,908	11,773	11,606	804	824	830	9,573	9,701	9,630	- .7
February 3/	11,889	11,762	11,585	756	803	782	8,994	9,448	9,055	-4.2
March	11,881	11,749	11,549	860	893	894	10,220	10,487	10,321	-1.6
April	11,867	11,739	11,524	878	906	910	10,423	10,633	10,488	-1.4
May	11,852	11,728	11,495	942	964	964	11,159	11,303	11,078	-2.0
June	11,841	11,715	11,454	913	938	935	10,815	10,983	10,706	-2.5
July	11,832	11,700	11,413	869	893	885	10,285	10,450	10,105	-3.3
August	11,822	11,689	11,374	834	854	844	9,860	9,982	9,598	-3.8
September	11,811	11,681	11,334	790	808	798	9,328	9,443	9,044	-4.2
October	11,799	11,673	11,318	800	810	797	9,444	9,460	9,015	-4.7
November	11,794	11,662	11,323	763	771	765	9,004	8,987	8,662	-3.6
December	11,785	11,652	11,318	800	807	804	9,427	9,401	9,100	-3.2
Annual	11,842	11,710	11,441	10,009	10,271	10,209	118,532	120,278	116,802	-2.9

1/ Includes dry cows. Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

3/ On a daily average basis, change from 1972 was less than 1 percent for February and the January-February total.

Milk-feed price ratios, milk prices, and ration values, by region and United States, November 1973 with comparisons 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.:			Ration value 3/		
	Dec. 1972	Nov. 1973	Dec. 1973	Dec. 1972	Nov. 1973	Dec. 1973	Dec. 1972	Nov. 1973	Dec. 1973
	P o u n d s			D o l l a r s					
N. Atl.	1.51	1.54	1.42	7.08	9.16	9.12	4.69	5.93	6.41
E. N. Cent.	1.70	1.67	1.55	6.30	8.46	8.65	3.71	5.06	5.58
W. N. Cent.	1.74	1.75	1.66	5.86	8.02	8.14	3.36	4.58	4.91
S. Atl.	1.69	1.70	1.59	7.56	9.79	9.96	4.48	5.75	6.25
S. Cent.	1.66	1.61	1.56	7.13	9.12	9.42	4.29	5.68	6.03
West.	1.61	1.38	1.39	6.20	8.01	8.22	3.85	5.80	5.92
U. S.	1.64	1.61	1.52	6.53	8.63	8.78	3.97	5.36	5.76

1/ Data for current month are preliminary. 2/ Pounds of concentrate ration equal in value to 1 pound milk sold to plants. 3/ Value per 100 pounds of concentrate ration fed to milk cows.

DECEMBER 1973 MILK COWS AND MILK PRODUCTION

STATE	MILK COWS ON FARMS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			
	1971	1972	1973	1971	1972	1973	1971	1972	1973	1973 AS PCT OF 1972
	THOUSANDS			POUNDS			MILLION POUNDS		PERCENT	
N. ENG 3/	413	411	395	857	852	828	354	350	327	93
N Y	927	914	891	890	850	850	825	777	757	97
PA	689	678	665	835	830	820	575	563	545	97
OHIO	439	434	412	845	800	810	371	347	334	96
IND	237	232	229	850	850	815	201	197	187	95
ILL	286	280	272	745	775	775	213	217	211	97
MICH	430	422	426	930	930	890	400	392	379	97
WISC	1832	1831	1797	790	810	780	1447	1483	1402	95
MINN	937	926	908	820	815	850	768	755	772	102
IOWA	466	452	434	765	760	750	356	344	326	95
MO	326	320	316	710	720	725	231	230	229	100
N DAK	131	129	126	555	550	580	73	71	73	103
S DAK	178	174	165	650	670	670	116	117	111	95
NEBR	170	168	161	720	720	720	122	121	116	96
KANS	172	163	152	810	790	785	139	129	119	92
MD	149	146	141	900	860	890	134	126	125	99
VA	183	173	166	715	790	795	131	137	132	96
N C	165	162	155	760	770	800	125	125	124	99
GA	146	145	136	720	740	670	105	107	91	85
FLA	195	200	200	795	800	750	155	160	150	94
KY	328	324	302	550	565	550	180	183	166	91
TENN	266	245	227	615	675	645	164	165	146	88
ALA	120	120	113	585	610	630	70	73	71	97
MISS	162	147	135	480	515	530	78	76	72	95
ARK	96	96	94	530	530	565	51	51	53	104
LA	157	154	137	630	630	615	99	97	84	87
OKLA	138	134	126	725	710	720	100	95	91	96
TEXAS	355	359	359	760	745	755	270	267	271	101
IDAHO	150	159	151	840	820	820	126	130	124	95
COLO	79	79	76	900	955	940	71	75	71	95
UTAH	79	75	74	830	920	920	66	69	68	99
WASH	182	185	184	960	1040	1040	175	192	191	99
OREG	95	94	92	780	785	830	74	74	76	103
CALIF	766	789	776	1030	1060	1055	789	836	819	98
OTHER 11 4/ STATES	341	332	325	801	813	883	273	270	287	106
U.S.	11785	11652	11318	800	807	804	9427	9401	9100	97

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

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT.

4/ STATE ESTIMATES NOT AVAILABLE.

December milk cows and October-December milk production

State	December milk cows on farms 1/			October-December milk production 2/			Change from 1972
	1971	1972	1973	1971	1972	1973	
	Thousands			Million pounds			Percent
Maine	61	61	60	151	151	145	96
New Hampshire	35	34	32	87	83	77	93
Vermont	195	195	189	484	472	444	94
Massachusetts	58	57	54	159	149	141	95
Rhode Island	6.2	6.2	5.6	16.3	16.2	14.2	88
Connecticut	58	58	54	163	157	146	93
New York	927	914	891	2,455	2,297	2,203	96
New Jersey	62	59	54	159	149	137	92
Pennsylvania	689	678	665	1,733	1,667	1,603	96
Ohio	439	434	412	1,107	1,045	990	95
Indiana	237	232	229	604	585	554	95
Illinois	286	280	272	640	652	643	99
Michigan	430	422	426	1,210	1,192	1,147	96
Wisconsin	1,832	1,831	1,797	4,227	4,377	4,092	93
Minnesota	937	926	908	2,087	2,044	2,041	100
Iowa	466	452	434	1,025	1,006	959	95
Missouri	326	320	316	702	705	702	100
North Dakota	131	129	126	201	193	200	104
South Dakota	178	174	165	336	342	338	99
Nebraska	170	168	161	366	366	355	97
Kansas	172	163	152	405	383	356	93
Delaware	12.5	12.2	11.8	33.5	32.9	28.2	86
Maryland	149	146	141	392	374	367	98
Virginia	183	173	166	408	422	405	96
West Virginia	44	43	41	85	81	82	101
North Carolina	165	162	155	375	378	375	99
South Carolina	63	63	60	128	129	126	98
Georgia	146	145	136	302	314	268	85
Florida	195	200	200	446	463	442	95
Kentucky	328	324	302	568	576	527	91
Tennessee	266	245	227	509	516	459	89
Alabama	120	120	113	205	220	215	98
Mississippi	162	147	135	233	226	214	95
Arkansas	96	96	94	160	160	165	103
Louisiana	157	154	137	281	275	249	91
Oklahoma	138	134	126	298	287	274	95
Texas	355	359	359	796	803	803	100
Montana	35	32	29	75	76	72	95
Idaho	150	159	151	371	392	369	94
Wyoming	15.0	14.2	13.6	31.7	31.8	31.3	98
Colorado	79	79	76	214	224	210	94
New Mexico	31	30	30	76	81	77	95
Arizona	50	50	57	157	158	177	112
Utah	79	75	74	198	207	202	98
Nevada	13.8	13.8	13.8	32.8	33.1	36.3	110
Washington	182	185	184	535	562	556	99
Oregon	95	94	92	232	228	230	101
California	766	789	776	2,379	2,529	2,491	99
Alaska	1.6	1.7	1.7	3.75	4.14	4.55	110
Hawaii	13.0	13.0	12.9	32.8	33.6	34.6	103
United States	11,785	11,652	11,318	27,875	27,848	26,777	96

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

2/ Excludes milk sucked by calves.

Grain and other concentrates fed daily per milk cow in herds kept by  
reporters, January 1, by States

State	1972 1/	1973	1974	State	1972 1/	1973	1974
	Pounds				Pounds		
Maine	12.4	12.5	13.5	West Virginia	9.1	10.6	11.2
New Hampshire	11.7	12.5	11.5	North Carolina	11.3	15.5	17.5
Vermont	11.1	12.5	11.5	South Carolina	13.4	15.2	16.1
Massachusetts	14.2	15.0	13.0	Georgia	14.3	16.0	16.0
Rhode Island	13.2	14.0	12.0	Florida	14.0	14.0	15.0
Connecticut	13.2	15.0	13.5				
New York	12.0	12.6	11.6	Kentucky	9.9	11.6	12.3
New Jersey	12.8	13.4	13.6	Tennessee	10.2	11.4	12.8
Pennsylvania	13.9	13.9	13.8	Alabama	11.0	16.0	9.8
				Mississippi	9.0	13.0	13.2
Ohio	13.8	14.8	14.8	Arkansas	8.0	10.4	14.5
Indiana	12.2	11.2	12.0	Louisiana	13.5	14.1	13.7
Illinois	12.8	13.0	13.0	Oklahoma	14.5	15.0	15.3
Michigan	12.0	13.5	13.9	Texas	13.4	16.0	15.0
Wisconsin	11.6	13.1	12.4				
				Montana	9.8	10.1	10.5
Minnesota	13.5	14.2	12.6	Idaho	8.6	9.5	10.1
Iowa	12.7	13.5	13.5	Wyoming	9.1	10.0	11.5
Missouri	10.6	13.0	12.5	Colorado	12.7	16.4	15.6
North Dakota	10.9	11.1	12.3	New Mexico	14.2	13.5	12.8
South Dakota	10.8	11.2	11.7	Arizona	12.3	15.4	14.4
Nebraska	9.7	13.0	12.2	Utah	10.0	12.7	11.0
Kansas	13.4	15.4	14.3	Nevada	10.2	10.0	12.0
				Washington	12.0	12.6	12.7
Delaware	14.0	14.5	14.0	Oregon	10.4	11.5	11.7
Maryland	13.8	14.2	13.1	California	14.2	15.0	14.5
Virginia	8.7	11.0	11.6				
				United States	12.2	13.5	13.1

1/ Based on December 1, 1972 and February 1, 1973 survey data.

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