

# milk production



September 1973

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## September Milk Production Down 4 Percent from Last Year

U. S. milk production during September is estimated at 9,044 million pounds, 4 percent less than a year earlier. Daily average output was 3 percent less than last month compared with a 2 percent decline between August and September last year. Production during the first 9 months of 1973 is 2.6 percent less than the same period a year ago. September production provided 1.43 pounds of milk per person daily for all uses, compared with 1.47 pounds in August and 1.50 pounds in September 1972.

## Production Per Cow Down 10 Pounds, Milk Cows Down 3 Percent

Milk production per cow during September was 798 pounds compared with 808 pounds in September 1972.

During September there were 11.3 million milk cows on farms, down 3 percent from September last year.

## Milk-Feed Price Ratio Down 20 Percent

The milk-feed price ratio for September, at 1.40 was down 20 percent from a year ago and the lowest September ratio since 1963 when it was also 1.40. The record high ratio for September was set in 1969 when it was 1.80. The average milk price is up \$1.42 from last year while the ration value is up \$1.90.

## Grain and Concentrate Feeding Averaged 12.0 Pounds Per Cow

Feeding of grain and concentrates averaged 12.0 pounds on October 1 compared with 11.9 pounds last year and 12.0 pounds on July 1, 1973.

**UNITED STATES DEPARTMENT OF AGRICULTURE**  
STATISTICAL REPORTING SERVICE      CROP REPORTING BOARD

Da 1-1 (10-73)      WASHINGTON, D.C. 20250

Milk Cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			
	1971	1972	1973	1971	1972	1973	1971	1972	1973	Change from 1972
	Thousands			Pounds			Million pounds			Percent
January	11,908	11,775	11,606	804	824	830	9,573	9,701	9,630	-0.7
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	895	894	10,220	10,487	10,321	-1.6
April	11,867	11,739	11,524	878	906	910	10,423	10,633	10,438	-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	915	938	935	10,815	19,983	10,706	-2.5
July	11,832	11,700	11,413	869	895	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	-5.8
September	11,811	11,681	11,534	790	808	798	9,328	9,443	9,044	-4.2
Jan.-Sept. Total							90,657	92,430	90,025	-2.6
October	11,799	11,673		800	810		9,444	9,460		
November	11,794	11,662		763	771		9,004	8,987		
December	11,785	11,652		800	807		9,427	9,401		
Annual	11,842	11,710		10,009	10,271		118,532	120,278		

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, September 1973 with comparisons 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	Sept. 1972	August 1973	Sept. 1973	Sept. 1972	August 1973	Sept. 1973	Sept. 1972	August 1973	Sept. 1973
	Pounds			Dollars					
North Atlantic	1.74	1.28	1.52	7.10	7.98	8.47	4.08	6.25	5.58
East North Central	1.75	1.09	1.45	5.91	6.89	7.47	3.38	6.30	5.22
West North Central	1.77	1.25	1.54	5.39	6.50	6.93	3.05	5.30	4.51
South Atlantic	1.87	1.38	1.53	7.30	8.49	8.72	3.91	6.15	5.70
South Central	1.85	1.23	1.37	6.71	7.45	7.85	3.67	6.07	5.74
Western	1.64	1.04	1.06	5.78	6.61	6.98	3.52	6.56	6.58
United States	1.75	1.18	1.40	6.21	7.17	7.63	3.54	6.06	5.44

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.

SEPTEMBER 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	402	877	847	825	362	348	332	95
N Y	932	917	895	875	840	800	816	770	716	93
PA	691	681	666	850	820	800	587	558	533	96
OHIO	440	435	415	815	830	805	359	361	334	93
IND	237	234	228	850	830	815	201	194	186	96
ILL	288	281	273	775	810	820	223	228	224	98
MICH	430	425	427	945	970	920	406	412	393	95
WISC	1826	1832	1802	770	815	755	1406	1493	1361	91
MINN	940	930	902	647	655	675	608	609	609	100
IOWA	469	455	435	760	750	765	356	341	333	98
MO	328	322	316	760	785	800	249	253	253	100
N DAK	132	129	126	555	520	530	73	67	67	100
S DAK	179	175	164	650	690	740	116	121	121	100
NEBR	170	168	162	725	770	790	123	129	128	99
KANS	175	165	150	750	800	810	131	132	122	92
MD	148	147	141	885	855	830	131	126	117	93
VA	185	176	164	800	850	870	148	150	143	95
N C	166	162	156	755	780	810	125	126	126	100
GA	146	145	134	615	675	685	90	98	92	94
FLA	193	198	196	705	715	710	136	142	139	98
KY	329	324	301	655	680	680	215	220	205	93
TENN	269	249	233	675	740	735	182	184	171	93
ALA	120	120	112	560	610	650	67	73	73	100
MISS	165	150	138	505	525	550	83	79	76	96
ARK	97	96	94	595	575	620	58	55	58	105
LA	158	155	140	550	550	580	87	85	81	95
OKLA	139	135	128	710	725	730	99	98	93	95
TEXAS	355	357	357	720	780	750	256	278	268	96
IDAHO	148	158	154	900	890	900	133	141	139	99
COLO	79	79	75	925	950	940	73	75	71	95
UTAH	80	75	74	860	960	960	69	72	71	99
WASH	181	184	181	1040	1050	1040	188	193	188	97
OREG	95	93	92	865	870	890	82	81	82	101
CALIF	764	784	780	1065	1125	1120	814	882	874	99
OTHER 11 4/ STATES	344	334	321	802	805	825	276	269	265	99
U.S.	11811	11681	11334	790	808	798	9328	9443	9044	96

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.

September Milk Cows and July-September Milk Production

State	September Milk Cows on Farms 1/			July-September Milk Production 2/			
	1971	1972	1973	1971	1972	1973	Change from 1972
	Thousands			Million pounds			Percent
Maine	61	61	60	166	165	158	96
New Hampshire	35	34	32	89	87	83	95
Vermont	195	195	194	514	508	491	97
Massachusetts	58	57	55	163	152	145	95
Rhode Island	6.2	6.2	6.0	17.7	17.2	16.3	95
Connecticut	58	58	55	163	158	150	95
New York	932	917	895	2,526	2,418	2,260	93
New Jersey	62	60	55	165	152	137	90
Pennsylvania	691	681	666	1,792	1,708	1,645	96
Ohio	440	435	415	1,122	1,125	1,052	94
Indiana	237	234	228	615	600	580	97
Illinois	288	281	273	714	724	713	98
Michigan	430	425	427	1,240	1,257	1,189	95
Wisconsin	1,826	1,832	1,802	4,596	4,827	4,444	92
Minnesota	940	930	902	2,072	2,098	2,100	100
Iowa	469	455	435	1,149	1,125	1,095	97
Missouri	328	322	316	796	809	812	100
North Dakota	132	129	126	262	251	245	98
South Dakota	179	175	164	391	398	394	99
Nebraska	170	168	162	403	420	404	96
Kansas	175	165	150	413	411	375	91
Delaware	12.7	12.2	11.8	33.5	32.6	29.7	91
Maryland	148	147	141	392	376	360	96
Virginia	185	176	164	461	459	441	96
West Virginia	46	43	40	93	89	88	99
North Carolina	166	162	156	376	386	384	99
South Carolina	63	63	61	125	126	125	99
Georgia	146	145	134	276	292	277	95
Florida	193	198	196	418	435	423	97
Kentucky	329	324	301	682	694	656	95
Tennessee	269	249	233	564	572	537	94
Alabama	120	120	112	196	210	212	101
Mississippi	165	150	138	257	249	242	97
Arkansas	97	96	94	184	183	190	104
Louisiana	158	155	140	261	266	266	100
Oklahoma	139	135	128	312	309	294	95
Texas	355	357	357	801	846	837	99
Montana	35	33	28	87	83	81	98
Idaho	148	158	154	415	444	447	101
Wyoming	15.2	14.4	13.8	35.2	35.2	33.4	95
Colorado	79	79	75	228	235	220	94
New Mexico	31	30	30	79	83	83	100
Arizona	50	50	53	149	156	154	99
Utah	80	75	74	217	229	228	100
Nevada	13.9	13.8	13.8	36.3	37.2	37.1	100
Washington	181	184	181	585	598	600	100
Oregon	95	93	92	268	264	263	100
California	764	784	780	2,535	2,737	2,712	99
Alaska	1.6	1.7	1.7	4.61	4.73	4.82	102
Hawaii	12.9	13.0	12.8	33.6	33.8	34.1	101
United States	11,811	11,681	11,334	29,473	29,875	28,747	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, October 1 by States

State	1971	1972	1973
		Pounds	
Maine	11.3	12.5	12.5
New Hampshire	11.7	11.0	11.0
Vermont	9.7	10.1	10.0
Massachusetts	13.1	13.1	13.0
Rhode Island	12.4	12.8	11.0
Connecticut	12.6	12.5	13.0
New York	10.5	10.9	10.9
New Jersey	11.9	11.4	12.8
Pennsylvania	13.0	13.0	12.4
Ohio	12.0	13.2	13.1
Indiana	11.8	11.1	10.7
Illinois	12.2	11.5	8.9
Michigan	10.0	12.1	13.1
Wisconsin	10.1	10.9	10.9
Minnesota	10.1	10.5	10.7
Iowa	11.5	12.0	12.4
Missouri	11.3	12.4	11.6
North Dakota	8.8	8.7	10.2
South Dakota	9.5	10.1	11.6
Nebraska	8.6	13.3	13.1
Kansas	12.6	13.6	14.9
Delaware	14.6	13.0	13.5
Maryland	13.3	13.3	13.0
Virginia	8.0	10.4	10.6
West Virginia	8.3	8.7	9.2
North Carolina	11.0	14.5	14.5
South Carolina	11.8	15.7	14.3
Georgia	13.0	14.0	15.0
Florida	11.0	14.0	14.0
Kentucky	8.6	10.1	9.5
Tennessee	8.2	10.8	10.6
Alabama	10.0	14.0	16.0
Mississippi	10.5	11.0	12.0
Arkansas	10.3	10.0	13.1
Louisiana	11.6	11.5	14.0
Oklahoma	12.3	13.5	11.6
Texas	13.8	14.1	15.6
Montana	8.7	9.3	9.2
Idaho	6.9	11.4	10.5
Wyoming	9.0	9.0	9.0
Colorado	10.5	13.2	15.1
New Mexico	12.0	15.0	15.0
Arizona	12.0	14.8	14.0
Utah	9.4	12.6	11.0
Nevada	10.0	11.0	12.0
Washington	10.5	12.7	12.6
Oregon	9.7	10.5	11.2
California	13.5	14.0	14.7
United States	10.9	11.9	12.0

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