

milk production



September 1972

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MILK PRODUCTION IN SEPTEMBER UP 1 PERCENT

U. S. milk production in September is estimated at 9,494 million pounds, 1.4 percent more than a year ago. Production was down 6 percent from August, compared with a 5-percent decline between these 2 months a year earlier. September output provided 1.51 pounds of milk per person daily for all uses, compared with 1.55 pounds last month and 1.50 pounds in September 1971. Total milk production during the first 9 months of 1972 was 2 percent more than the same period last year.

RATE PER COW UP 3 PERCENT, MILK COWS DOWN 1 PERCENT

Milk production per cow averaged 780 pounds during September, 3 percent more than last year but 6 percent less than the August 1972 rate. The September rate per cow reached a record high level in 25 of the 33 States with monthly estimates. California had the highest rate at 1,065 pounds, followed by: Washington, 1,025 pounds; Utah, 980 pounds; Idaho, 940 pounds; and Michigan, 885 pounds.

Milk cows on farms totaled 12,167,000, down 1 percent from September a year ago.

MILK-FEED PRICE RATIO 1 PERCENT ABOVE A YEAR AGO

The September milk-feed price ratio, at 1.77, was 1 percent above last year. The average milk price was up 23 cents while the ration value was up 11 cents. The ratio gained 1 percent over August, compared with a 6-percent increase between these 2 months in 1971. By regions, the September ratio was highest in the South Atlantic and lowest in the Western.

GRAIN AND CONCENTRATE FEEDING ABOVE LAST YEAR

Grain and concentrates fed on October 1 averaged 11.9 pounds per cow, compared with 10.9 pounds a year ago. Feeding rates were above last year in 35 States. On October 1 this year 34 States were feeding 11 or more pounds of grain and concentrates, compared with 25 States feeding at that rate a year ago.

Milk-feed price ratios, milk prices, and ration values, by region and United States, September 1972 with comparisons 1/

Region	Milk-feed price ratio <u>2/</u>			All milk price per cwt.			Ration value <u>3/</u>		
	Sept. 1971	Aug. 1972	Sept. 1972	Sept. 1971	Aug. 1972	Sept. 1972	Sept. 1971	Aug. 1972	Sept. 1972
	P o u n d s			D o l l a r s					
N. Atl.	1.69	1.72	1.71	6.66	6.86	7.06	3.94	3.99	4.13
E. N. Cent.	1.78	1.75	1.75	5.63	5.69	5.91	3.17	3.26	3.38
W. N. Cent.	1.84	1.88	1.88	5.20	5.26	5.40	2.83	2.80	2.88
S. Atl.	1.85	1.94	1.98	7.07	7.08	7.24	3.83	3.65	3.66
S. Cent.	1.81	1.82	1.83	6.47	6.36	6.55	3.58	3.49	3.57
West.	1.68	1.59	1.61	5.71	5.62	5.79	3.40	3.54	3.60
U. S.	1.76	1.76	1.77	5.98	6.01	6.21	3.39	3.41	3.50

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.

Milk cows and milk production by months, United States

Month	Milk cows on farms <u>1/</u>			Milk per cow <u>2/</u>			Milk production <u>2/</u>			Change from 1971
	1970	1971	1972	1970	1971	1972	1970	1971	1972	
	Thousands			Pounds			Millions pounds			Percent
January	12,563	12,410	12,276	750	771	785	9,421	9,570	9,635	+0.7
February	12,550	12,399	12,270	707	726	762	8,876	9,006	9,346	<u>3/</u> +3.8
March	12,533	12,389	12,254	807	825	852	10,115	10,223	10,440	+2.1
April	12,517	12,374	12,246	824	844	870	10,314	10,440	10,655	+2.1
May	12,496	12,360	12,236	886	905	924	11,071	11,189	11,307	+1.1
June	12,479	12,350	12,219	859	877	902	10,723	10,836	11,021	+1.7
July	12,470	12,341	12,202	819	836	861	10,210	10,316	10,503	+1.8
August	12,458	12,334	12,184	783	803	826	9,758	9,903	10,065	+1.6
September	12,442	12,320	12,167	740	760	780	9,202	9,365	9,494	+1.4
Jan-Sept. total							89,690	90,348	92,466	+1.8
October	12,438	12,306		747	765		9,291	9,419		
November	12,432	12,291		711	728		8,840	8,950		
December	12,421	12,282		751	767		9,328	9,423		
Annual	12,483	12,347		9,385	9,609		117,149	118,640		

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

2/ Excludes milk sucked by calves.

3/ The extra day in February added 3.6 percent to monthly output.

SEPTEMBER 1972 MILK COWS AND MILK PRODUCTION

	MILK COWS ON FARMS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			
	1970	1971	1972	1970	1971	1972	1970	1971	1972	1972 AS PCT OF 1971
	THOUSANDS			POUNDS			MILLION POUNDS		PERCENT	
N. ENG 3/	440	438	437	802	826	803	353	362	351	97
N Y	1004	982	964	800	825	810	803	810	781	96
PA	709	699	692	815	840	805	578	587	557	95
OHIO	452	445	440	785	805	830	355	358	365	102
IND	234	237	234	820	860	840	192	204	197	97
ILL	293	288	281	770	775	810	226	223	228	102
MICH	463	470	458	825	855	885	382	402	405	101
WISC	1845	1860	1881	735	760	790	1356	1414	1486	105
MINN	985	973	963	605	640	650	596	623	626	100
IOWA	492	469	455	725	760	750	357	356	341	96
MO	352	340	334	715	735	755	252	250	252	101
N DAK	140	134	128	545	535	510	76	72	65	90
S DAK	181	175	171	650	645	695	118	113	119	105
NEBR	187	185	184	700	665	700	131	123	129	105
KANS	199	193	187	715	685	750	142	132	140	106
MD	168	165	164	785	795	780	132	131	128	98
VA	221	218	210	690	695	730	152	152	153	101
N C	186	183	179	670	700	740	125	128	132	103
GA	146	146	145	650	650	650	95	95	94	99
FLA	190	193	198	665	705	720	126	136	143	105
KY	343	336	330	635	640	670	218	215	221	103
TENN	303	291	269	610	625	715	185	182	192	105
ALA	134	134	132	500	500	550	67	67	73	109
MISS	194	187	173	450	455	475	87	85	82	96
ARK	97	97	96	610	605	575	59	59	55	93
LA	170	168	166	505	520	555	86	87	92	106
OKLA	146	145	141	680	690	690	99	100	97	97
TEXAS	355	355	355	710	720	760	252	256	270	105
IDAHO	158	152	150	810	875	940	128	133	141	106
COLO	101	101	101	720	730	745	73	74	75	101
UTAH	81	82	76	850	850	980	69	70	74	106
WASH	187	193	190	940	980	1025	176	189	195	103
OREG	108	105	99	745	780	800	80	82	79	96
CALIF	800	814	827	1000	1005	1065	800	818	881	108
OTHER 11 4/ STATES	378	367	357	730	755	770	276	277	275	99
U.S.	12442	12320	12167	740	760	780	9202	9365	9494	101

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/			Change from 1971
	1970	1971	1972	1970	1971	1972	
	Thousands			Million pounds			Percent
Maine	66	66	66	162	166	165	95
New Hampshire	36	36	36	87	89	89	100
Vermont	205	205	205	498	514	502	98
Massachusetts	63	62	62	161	165	159	96
Rhode Island	7.2	6.8	6.8	18.6	17.8	18	101
Connecticut	63	62	61	160	163	156	96
New York	1,004	982	964	2,488	2,509	2,427	97
New Jersey	68	64	61	174	165	158	96
Pennsylvania	709	699	692	1,757	1,792	1,711	95
Ohio	452	445	440	1,113	1,120	1,141	102
Indiana	234	237	234	596	632	612	97
Illinois	293	288	281	722	713	724	102
Michigan	463	470	458	1,172	1,224	1,249	102
Wisconsin	1,845	1,860	1,881	4,509	4,608	4,888	106
Minnesota	985	973	963	2,065	2,124	2,162	102
Iowa	492	469	455	1,172	1,149	1,125	98
Missouri	352	340	334	826	800	809	101
North Dakota	140	134	128	271	260	245	94
South Dakota	181	175	171	391	374	392	105
Nebraska	187	185	184	418	403	420	104
Kansas	199	193	187	441	421	433	103
Delaware	14	14	14	33.2	33.5	33.3	99
Maryland	168	165	164	402	392	380	97
Virginia	221	218	210	473	473	477	101
West Virginia	58	54	50	101	97	90	93
North Carolina	186	183	179	378	385	401	104
South Carolina	65	65	65	124	125	126	101
Georgia	146	146	145	286	287	286	100
Florida	190	193	198	387	418	441	106
Kentucky	343	336	330	686	682	694	102
Tennessee	303	291	269	570	565	585	104
Alabama	134	134	132	198	197	210	107
Mississippi	194	187	173	271	265	256	97
Arkansas	97	97	96	185	187	181	97
Louisiana	170	168	166	256	260	266	102
Oklahoma	146	145	141	313	313	306	98
Texas	355	355	355	764	801	814	102
Montana	40	39	37	84	87	88	101
Idaho	158	152	150	397	415	438	106
Wyoming	17.4	17.0	16.6	37.2	37	37	100
Colorado	101	101	101	230	232	235	101
New Mexico	35	33	33	77	79	76	96
Arizona	52	53	53	139	149	152	102
Utah	81	82	76	215	222	232	105
Nevada	14.0	13.9	13.8	36.7	36.3	37.5	103
Washington	187	193	190	543	585	601	103
Oregon	108	105	99	257	268	258	96
California	800	814	827	2,486	2,546	2,738	108
Alaska	1.7	1.7	1.7	4.75	4.61	4.71	102
Hawaii	13.0	12.9	12.7	34.2	33.6	33.8	101
United States	12,442	12,320	12,167	29,170	29,584	30,062	102

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	1970	1971	1972
	Pounds		
Maine	11.3	11.3	12.5
New Hampshire	10.9	11.7	11.0
Vermont	10.0	9.7	10.1
Massachusetts	13.0	13.1	13.1
Rhode Island	12.5	12.4	12.8
Connecticut	13.0	12.6	12.5
New York	10.4	10.5	10.9
New Jersey	11.5	11.9	11.4
Pennsylvania	12.7	13.0	13.0
Ohio	12.0	12.0	13.2
Indiana	11.2	11.8	11.1
Illinois	10.8	12.2	11.5
Michigan	11.0	10.0	12.1
Wisconsin	9.3	10.1	10.9
Minnesota	10.0	10.1	10.5
Iowa	10.9	11.5	12.0
Missouri	9.9	11.3	12.4
North Dakota	9.4	8.8	8.7
South Dakota	9.3	9.5	10.1
Nebraska	8.5	8.6	13.3
Kansas	13.4	12.6	13.6
Delaware	13.9	14.6	13.0
Maryland	13.9	13.3	13.3
Virginia	9.8	8.0	10.4
West Virginia	9.0	8.3	8.7
North Carolina	10.0	11.0	14.5
South Carolina	11.2	11.8	15.7
Georgia	12.5	13.0	14.0
Florida	12.0	11.0	14.0
Kentucky	8.0	8.6	10.1
Tennessee	8.3	8.2	10.8
Alabama	10.5	10.0	14.0
Mississippi	8.9	10.5	11.0
Arkansas	9.9	10.3	10.0
Louisiana	10.7	11.6	11.5
Oklahoma	11.2	12.3	13.5
Texas	13.6	13.8	14.1
Montana	7.7	8.7	9.3
Idaho	8.3	6.9	11.4
Wyoming	6.0	9.0	9.0
Colorado	12.1	10.5	13.2
New Mexico	13.0	12.0	15.0
Arizona	12.0	12.0	14.8
Utah	8.9	9.4	12.6
Nevada	9.0	10.0	11.0
Washington	11.2	10.5	12.7
Oregon	8.8	9.7	10.5
California	14.5	13.5	14.0
United States	10.7	10.9	11.9


