

# milk production



September 1971

Release:  
October 13, 1971  
3:00 P. M. EDT

## September Milk Production Up 1 Percent from Last Year

U.S. milk production in September is estimated at 9,377 million pounds, 1.1 percent more than a year ago. Daily average production was down 2 percent from August, the same decrease as a year earlier. September output provided 1.50 pounds of milk per person daily for all uses, unchanged from last September's supply but less than the 1.53 pounds for August. Production during the first 9 months of 1971 was 0.9 percent more than last year.

Milk production was below a year earlier in all West North Central States except Minnesota. In the East North Central States, production was above a year ago in Indiana, Michigan, and Wisconsin, but below in Illinois, and unchanged in Ohio. Production was up in most North Atlantic States, and changes were varied in the South Atlantic and South Central States. Nearly all Western States showed increases from a year ago.

## Rate Per Cow Up 2 Percent from a Year Ago, Milk Cows Down 1 Percent

Milk output per cow averaged 758 pounds in September, up 2 percent from a year earlier. Daily production per cow averaged 25.3 pounds, 1.6 percent less than August and the same as the decrease between these 2 months last year. Production per cow was record high in 43 States. The highest rate was in California, 1,015 pounds, followed by: Washington, 990 pounds; Arizona, 980 pounds; Hawaii, 920 pounds; and Connecticut and Massachusetts, tied at 880 pounds.

## Milk Feed Price Ratio 5 Percent More than a Year Earlier

The September milk-feed price ratio was 5 percent more than a year earlier, because of higher milk prices along with a lower ration value. The all-milk price was 13 cents higher than last September. The ratio showed an 8-percent increase from a month earlier, compared with a 4-percent increase from August to September 1970.

## Grain and Concentrate Feeding Up 2 Percent from Last Year

Grain and concentrates fed on October 1 averaged 10.9 pounds, up 2 percent from a year ago and a record high for the date. Feeding rates were above last year in 28 States. This year 25 States were feeding 11 or more pounds of grain and concentrates, compared with 22 States feeding that rate a year ago.

Pastures improved from last month

Reported pasture condition for the 48 States was 82 percent of normal on October 1, 3 percentage points above last month, 1 point above October 1, 1970, and 4 points above the 1960-69 average. Only once in the last decade -- in 1965 -- has reported October 1 condition been higher, and that by only 2 points.

In all North Atlantic States reported condition was 84 percent or better on October 1, and was above last month and average. Pennsylvania was the only State in this area reporting a lower pasture condition than a year earlier.

Pasture condition in the South Atlantic group ranged from 82 percent in Florida to 94 in Virginia. Except for Florida, all South Atlantic States reported condition above last year and average.

All North Central States except Kansas reported improvement in pasture condition during the month. South Dakota registered the greatest increase -- 17 points -- over September 1. Condition varied from 69 percent in Iowa, Missouri, and Nebraska to 91 percent in Indiana.

South Central States reported pasture condition ranging from 76 percent in Oklahoma to 95 in Kentucky -- highest of the 48 States. Texas, as a result of ground-soaking rains, reported pasture condition at 83 percent of normal in contrast with 40 percent earlier this season.

Pasture condition reported in the Western States ranged from 71 percent in Montana to 93 percent in Idaho. Pastures in Arizona and New Mexico showed slight change from September 1, but considerable improvement from earlier in the season. Colorado, at 65 percent, equaled the September 1 condition but was below October 1, 1970, and average, and was lowest of the 48 States.

Milk cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change : from : 1970
	: 1969	: 1970	: 1971	: 1969	: 1970	: 1971	: 1969	: 1970	: 1971	
	Thousands			Pounds			Million pounds			Percent
January	: 12,819	12,570	12,437	734	752	768	9,415	9,448	9,547	+1.0
February	: 12,796	12,564	12,432	690	708	725	8,831	8,896	9,010	+1.3
March	: 12,766	12,553	12,422	785	807	822	10,025	10,126	10,209	+0.8
April	: 12,745	12,540	12,411	805	824	841	10,256	10,328	10,432	+1.0
May	: 12,720	12,523	12,405	871	887	904	11,073	11,109	11,217	+1.0
June	: 12,695	12,509	12,389	845	863	875	10,728	10,792	10,836	+0.4
July	: 12,674	12,501	12,382	801	818	833	10,149	10,226	10,311	+0.8
August	: 12,656	12,493	12,379	764	782	797	9,673	9,767	9,871	+1.1
September	: 12,628	12,479	12,368	725	743	758	9,158	9,273	9,377	+1.1
Jan.-Sept. total							89,308	89,965	90,810	+0.9
October	: 12,614	12,472		723	744		9,114	9,280		
November	: 12,594	12,460		690	710		8,687	8,842		
December	: 12,582	12,449		734	751		9,236	9,349		
Annual	: 12,693	12,509		9,166	9,388		116,345	117,436		

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

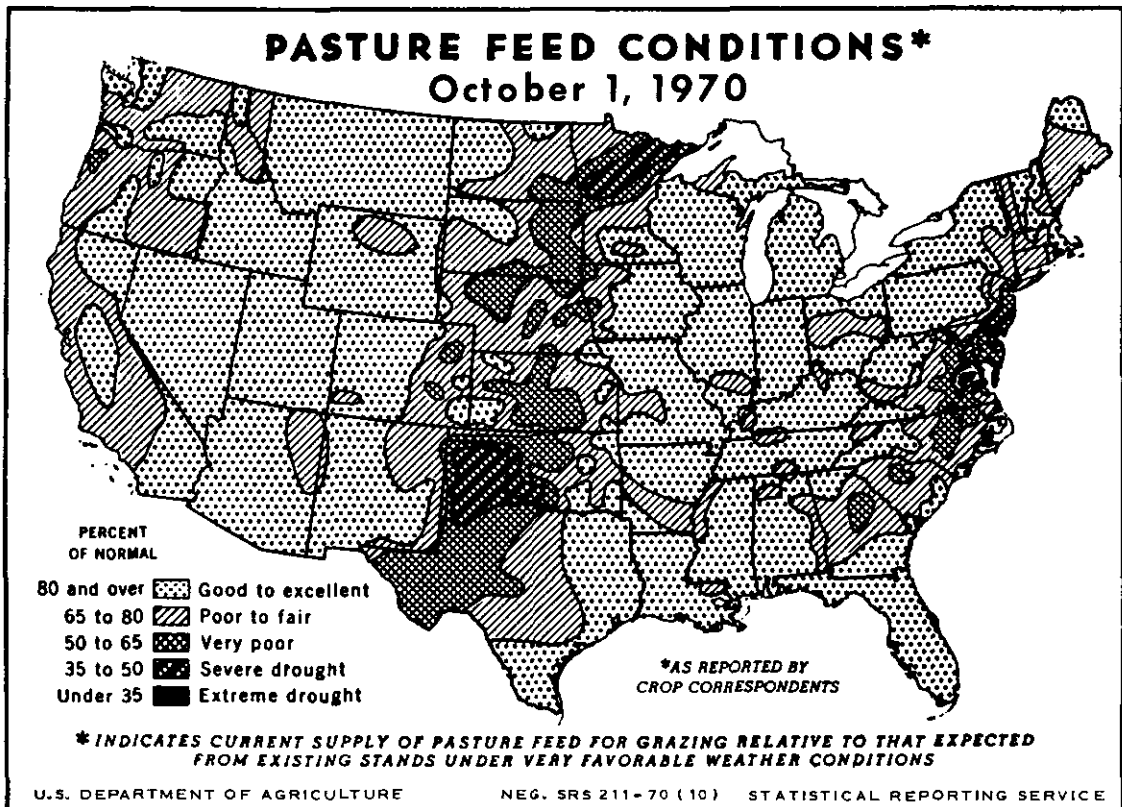
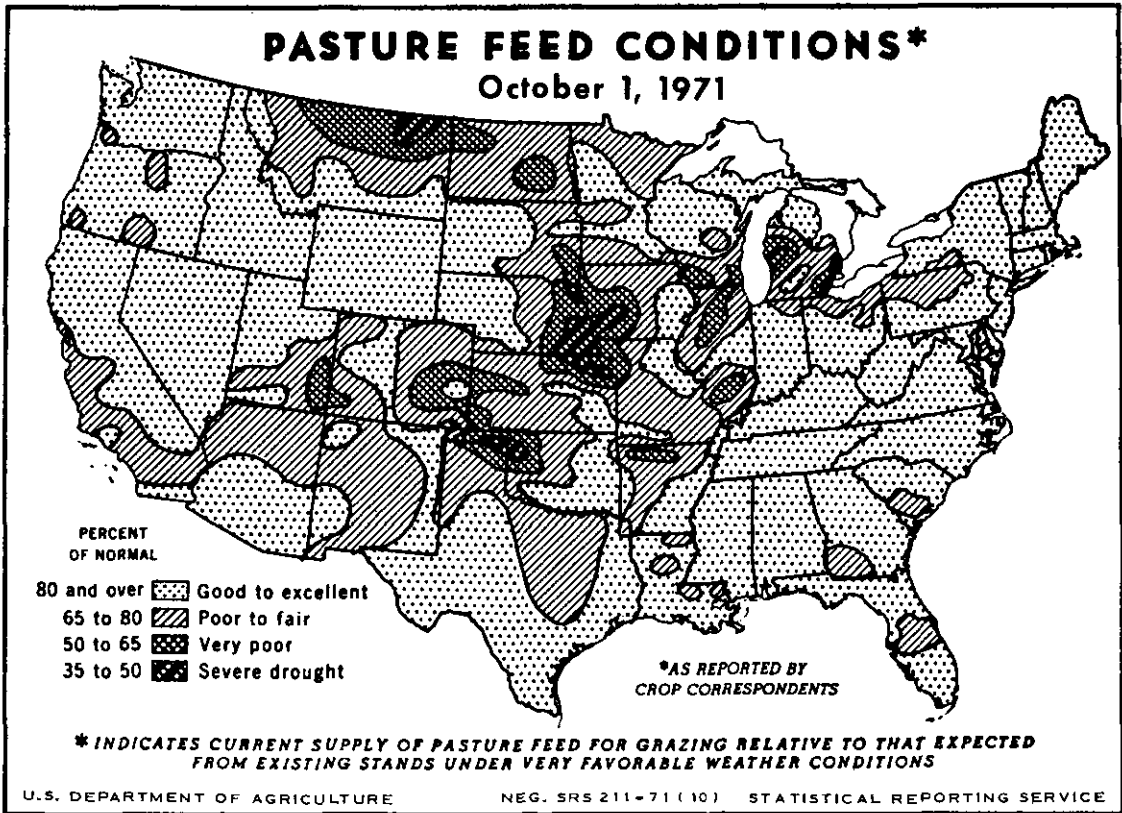
2/ Excludes milk sucked by calves.

September milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			Change from 1970
	1969	1970	1971	1969	1970	1971	1969	1970	1971	
	Thousands			Pounds			Million pounds			Percent
Maine	68	67	66	780	775	790	53	52	52	0
New Hampshire	37	36	35	790	790	830	29	28	29	+ 4
Vermont	205	205	205	780	785	810	160	161	166	+ 3
Massachusetts	64	63	63	850	845	880	54	53	55	+ 4
Rhode Island	7.8	7.3	6.8	810	825	835	6.3	6.0	5.7	- 5
Connecticut	66	64	62	850	850	880	56	54	55	+ 2
New York	1,030	1,022	1,008	795	805	820	819	823	827	0
New Jersey	74	68	65	835	835	840	62	57	55	- 4
Pennsylvania	720	709	700	800	815	830	576	578	581	+ 1
Ohio	461	452	441	790	785	805	364	355	355	0
Indiana	241	237	237	815	820	860	196	194	204	+ 5
Illinois	312	303	296	760	775	775	237	235	229	- 3
Michigan	471	464	467	820	825	850	386	383	397	+ 4
Wisconsin	1,847	1,845	1,854	725	740	755	1,339	1,365	1,400	+ 3
Minnesota	996	985	971	598	625	640	596	616	621	+ 1
Iowa	520	492	469	710	735	760	369	362	356	- 2
Missouri	365	354	342	720	720	735	263	255	251	- 2
North Dakota	146	140	133	530	545	530	77	76	70	- 8
South Dakota	189	178	175	630	650	640	119	116	112	- 3
Nebraska	194	187	185	635	670	645	123	125	119	- 5
Kansas	205	200	194	650	670	675	133	134	131	- 2
Delaware	15	15	15	775	795	800	11.6	11.9	12.0	+ 1
Maryland	168	168	168	790	790	790	133	133	133	0
Virginia	224	221	218	710	705	715	159	156	156	0
West Virginia	63	58	54	550	550	570	35	32	31	- 3
North Carolina	190	186	185	650	670	700	124	125	130	+ 4
South Carolina	68	65	65	600	630	630	41	41	41	0
Georgia	144	146	147	640	660	655	92	96	96	0
Florida	189	190	193	635	665	710	120	126	137	+ 9
Kentucky	351	343	336	620	630	635	218	216	213	- 1
Tennessee	310	303	300	590	610	615	183	185	185	0
Alabama	137	134	134	480	500	485	66	67	65	- 3
Mississippi	199	194	187	440	450	455	88	87	85	- 2
Arkansas	98	97	97	590	620	620	58	60	60	0
Louisiana	175	170	168	495	505	535	87	86	90	+ 5
Oklahoma	150	146	144	669	685	690	100	100	99	- 1
Texas	352	355	355	700	710	735	246	252	261	+ 4
Montana	44	42	40	650	675	700	29	28	28	0
Idaho	154	158	160	760	810	820	117	128	131	+ 2
Wyoming	18.2	17.4	16.8	670	665	700	12.2	11.6	11.8	+ 2
Colorado	102	101	101	695	720	720	71	73	73	0
New Mexico	36	35	35	695	715	745	25	25	26	+ 4
Arizona	51	52	52	920	915	980	47	48	51	+ 6
Utah	76	81	83	855	850	860	65	69	71	+ 3
Nevada	13.8	14.0	14.0	840	845	835	11.6	11.8	11.7	- 1
Washington	182	187	192	900	940	990	164	176	190	+ 8
Oregon	109	108	105	745	745	760	81	80	80	0
California	775	800	814	960	1,010	1,015	744	808	826	+ 2
Alaska	1.7	1.7	1.7	885	850	805	1.50	1.45	1.37	- 6
Hawaii	13.0	13.0	12.8	815	860	920	10.6	11.2	11.8	+ 5
United States	12,628	12,479	12,368	725	743	758	9,158	9,273	9,377	+ 1.1

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

2/ Excludes milk sucked by calves.



October 1 pasture feed condition as percent of normal, by States

State	Average 1960-69	1970	1971	State	Average 1960-69	1970	1971
	Percent				Percent		
Maine	79	74	84	N. C.	80	76	91
N. H.	79	79	90	S. C.	75	72	86
Vt.	82	79	86	Ga.	78	75	87
Mass.	72	79	87	Fla.	84	88	82
R. I.	78	75	85				
Conn.	73	70	85	Ky.	82	87	95
N. Y.	76	87	89	Tenn.	79	85	90
N. J.	63	60	87	Ala.	78	82	90
Pa.	69	88	85	Miss.	80	84	92
				Ark.	77	86	77
Ohio	75	81	87	La.	79	88	87
Ind.	77	89	91	Okla.	81	69	76
Ill.	79	88	72	Texas	75	75	83
Mich.	79	86	70				
Wis.	80	83	80	Mont.	80	88	71
				Idaho	84	86	93
Minn.	80	72	77	Wyo.	80	90	91
Iowa	87	87	69	Colo.	78	79	65
Mo.	75	88	69	N. Mex.	80	81	80
N. Dak.	73	74	73	Ariz.	83	86	78
S. Dak.	75	62	73	Utah	81	86	82
Nebr.	82	69	69	Nev.	84	94	87
Kans.	81	70	73	Wash.	80	75	86
				Oreg.	79	75	89
Del.	66	57	89	Calif.	79	75	85
Md.	66	65	91				
Va.	77	72	94	U. S.	78	81	82
W. Va.	75	83	92				

Milk-feed price ratios, milk prices, and ration value, by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.		Ration value 3/			
	Sept. 1970	Aug. 1971	Sept. 1971	Sept. 1970	Aug. 1971	Sept. 1971	Sept. 1970	Aug. 1971	Sept. 1971
	Pounds			Dollars					
N. Atl.	1.73	1.63	1.75	6.58	6.44	6.66	3.80	3.95	3.80
E. N. Cent.	1.70	1.71	1.88	5.46	5.40	5.63	3.21	3.15	3.00
W. N. Cent.	1.74	1.81	1.94	5.07	5.02	5.19	2.91	2.77	2.67
S. Atl.	1.83	1.84	1.98	6.83	6.82	7.02	3.73	3.70	3.55
S. Cent.	1.80	1.69	1.82	6.31	6.12	6.38	3.50	3.63	3.50
West.	1.71	1.59	1.62	5.51	5.54	5.66	3.22	3.48	3.49
U. S.	1.75	1.70	1.83	5.83	5.74	5.96	3.34	3.38	3.26

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.

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

State	1969	1970	1971
	Pounds		
Maine	11.3	11.3	11.3
New Hampshire	10.7	10.9	11.7
Vermont	9.7	10.0	9.7
Massachusetts	12.5	13.0	13.1
Rhode Island	12.0	12.5	12.4
Connecticut	13.0	13.0	12.6
New York	10.4	10.4	10.5
New Jersey	11.0	11.5	11.9
Pennsylvania	12.7	12.7	13.0
Ohio	11.4	12.0	12.0
Indiana	12.1	11.2	11.8
Illinois	11.2	10.8	12.2
Michigan	10.5	11.0	10.0
Wisconsin	8.7	9.3	10.1
Minnesota	9.4	10.0	10.1
Iowa	9.4	10.9	11.5
Missouri	9.5	9.9	11.3
North Dakota	8.0	9.4	8.8
South Dakota	7.6	9.3	9.5
Nebraska	8.1	8.5	8.6
Kansas	10.5	13.4	12.6
Delaware	13.0	13.9	14.6
Maryland	12.1	13.9	13.3
Virginia	10.7	9.8	8.0
West Virginia	6.4	9.0	8.3
North Carolina	10.1	10.0	11.0
South Carolina	10.2	11.2	11.8
Georgia	11.5	12.5	13.0
Florida	10.0	12.0	11.0
Kentucky	8.1	8.0	8.6
Tennessee	8.5	8.3	8.2
Alabama	9.0	10.5	10.0
Mississippi	10.0	8.9	10.5
Arkansas	10.3	9.9	10.3
Louisiana	9.2	10.7	11.6
Oklahoma	12.0	11.2	12.3
Texas	12.0	13.6	13.8
Montana	7.8	7.7	8.7
Idaho	7.8	8.3	6.9
Wyoming	7.0	6.0	9.0
Colorado	10.5	12.1	10.5
New Mexico	9.0	13.0	12.0
Arizona	11.0	12.0	12.0
Utah	9.0	8.9	9.4
Nevada	9.5	9.0	10.0
Washington	10.5	11.2	10.5
Oregon	9.9	8.8	9.7
California	12.5	14.5	13.5
United States	10.1	10.7	10.9

---

---

1

2