

# MILK PRODUCTION

JULY 1970

Release:  
August 12, 1970  
3:00 P.M. EDT

## July milk production slightly more than a year earlier

U. S. milk production in July is estimated at 10,162 million pounds, 0.2 percent more than a year earlier. Daily average production for July was down 8 percent from June compared with a 9 percent decline between these two months a year earlier. July output provided 1.60 pounds of milk per person daily for all uses compared with 1.74 pounds a month earlier and 1.61 pounds a year earlier. Production during the first 7 months of 1970 was about 0.3 percent more than a year earlier.

July milk production was unchanged or lower in most of the East and West North Central States, mixed in the North and South Atlantic and South Central States, and mostly up in the West. Of the five leading milk production States, production was up in California and Pennsylvania, unchanged from a year earlier in New York and down in Wisconsin and Minnesota.

## Rate per cow up 2 percent from a year earlier--milk cows down 2 percent

Milk output per cow averaged 816 pounds in July -- up 2 percent from a year earlier. Daily output per cow averaged 26.3 pounds--about 8 percent less than in June and the same decrease between these two months as a year earlier. Production per cow was at a record high rate in 42 States. Highest rate was in California at 1,065 pounds, followed by Washington, 1,000 pounds; Arizona, 930 pounds; Utah, 915 pounds; and Nevada, 905 pounds. Milk cows on farms during July totaled 12,457,000, down 2 percent from a year earlier.

## Milk-feed price ratio 1 percent above a year earlier

The July milk-feed price ratio of 1.66 was 1 percent above a year earlier and a record high for the month. Higher milk prices more than offset an increase in ration value. Seasonally, the ratio was up 1 percent from June compared with a 3 percent increase between the two months a year earlier. The highest regional ratio, 1.80, was reported in the South Atlantic, the lowest, 1.61 in the North Atlantic.

## Grain and concentrate feeding up 6 percent from a year earlier

Grain and concentrate fed on August 1 averaged 10.7 pounds per milk cow--up 6 percent from a year earlier and a record high for the date. Feeding rates were above a year earlier in 32 States and averaged 11 or more pounds per cow in 20 States. A year earlier 12 States were feeding 11 or more pounds of grain and concentrate per cow.

Pastures in fair condition

Pasture condition declined sharply in the United States during July. Reported condition on August 1 was 75 percent of normal, down 10 points from July 1 and 3 points below the 1959-68 average for the date. This was the lowest condition reported in any month since August 1, 1966. There were 26 States with reported condition at 80 percent of normal or lower on August 1. Rain late in July helped to green up pastures, but was too late in many areas to improve condition by August 1.

All North Atlantic States reported pasture condition down from July 1 and most of them were below a year earlier. All East North Central States reported condition below last month and last year but equal to or above average for the date. Greatest changes came in the West North Central States where each State reported pasture condition below last month and last year and all were below average except North Dakota. Condition in these States varied from 61 in Missouri to 81 in North Dakota. South Atlantic States ranged from reported condition of 60 in South Carolina to 95 in Delaware. Georgia, South Carolina and North Carolina received beneficial rains from tropical storm Becky on July 22-23 which should improve pastures in early August. The South Central States reported pasture condition ranging from 57 percent of normal in Oklahoma--lowest in the 48 States--to 84 percent in Kentucky. Texas and South Carolina, each with 60 percent, reported the second lowest condition in the U. S. Pasture condition in the West on August 1 ranged from 70 in New Mexico to 95 percent in Wyoming. California at 76 was the only other State in the West reporting below 80 percent of normal.

Milk cows and milk production by months, United States

Month	Milk cows on farms <sup>1/</sup>			Milk per cow <sup>2/</sup>			Milk production <sup>2/</sup>			:Change : from : 1969
	: 1968	: 1969	: 1970	: 1968	: 1969	: 1970	: 1968	: 1969	: 1970	
	-- Thousands --			-- Pounds --			-- Million pounds --			Percent
January .....	13,235	12,818	12,544	717	734	750	9,495	9,411	9,412	0
February .....	13,200	12,795	12,530	696	687	706	9,187	8,792	8,840	+0.5
March .....	13,164	12,765	12,514	775	780	803	10,197	9,960	10,053	+0.9
April .....	13,132	12,743	12,500	796	806	826	10,457	10,265	10,330	+0.6
May .....	13,097	12,721	12,482	858	867	883	11,235	11,034	11,019	-0.1
June .....	13,056	12,701	12,472	826	847	862	10,786	10,759	10,750	-0.1
July .....	13,024	12,678	12,457	783	800	816	10,202	10,142	10,162	+0.2
Jan.-July total ..	---	---	---	---	---	---	71,559	70,363	70,566	+0.3
August .....	12,990	12,653	---	740	764	---	9,612	9,673	---	---
September .....	12,952	12,626	---	701	726	---	9,083	9,165	---	---
October .....	12,917	12,601	---	706	725	---	9,124	9,138	---	---
November .....	12,880	12,579	---	677	691	---	8,717	8,691	---	---
December .....	12,847	12,559	---	711	730	---	9,139	9,170	---	---
Annual .....	13,038	12,689	---	8,992	9,158	---	117,234	116,200	---	---

<sup>1/</sup> Includes dry cows. Excludes heifers not yet fresh.

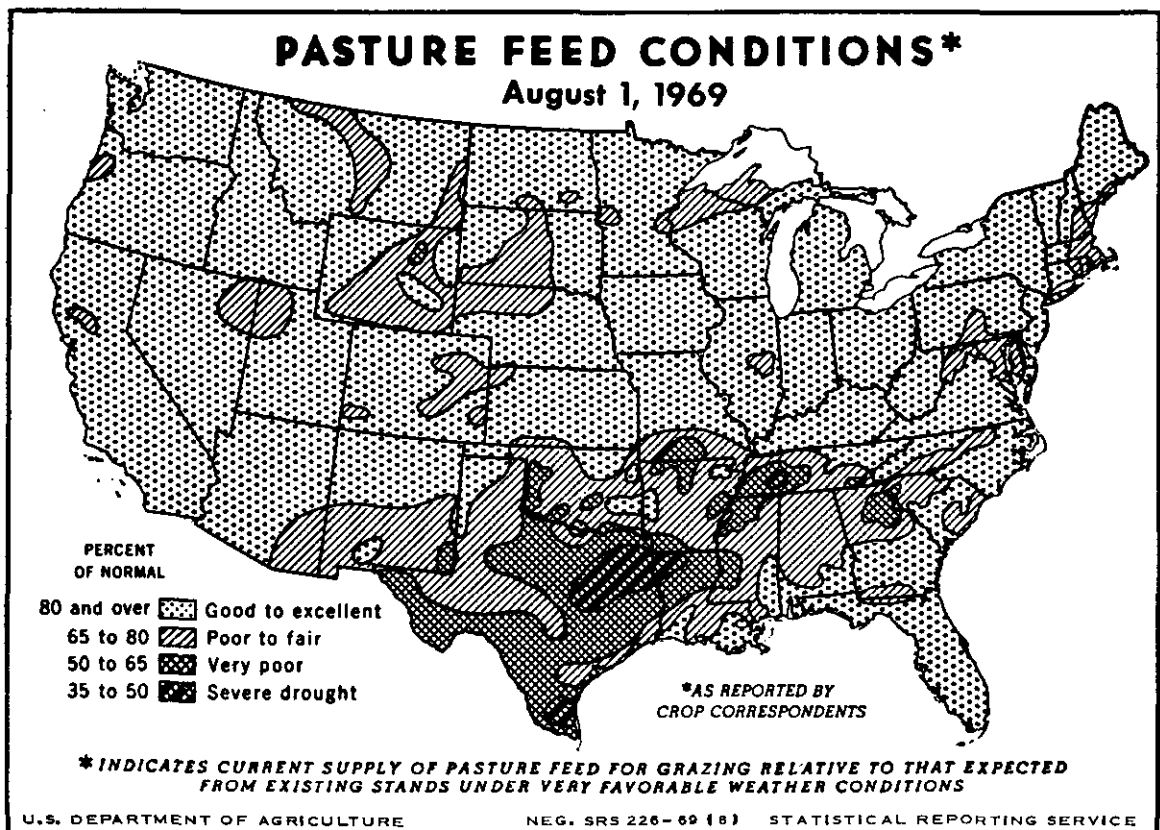
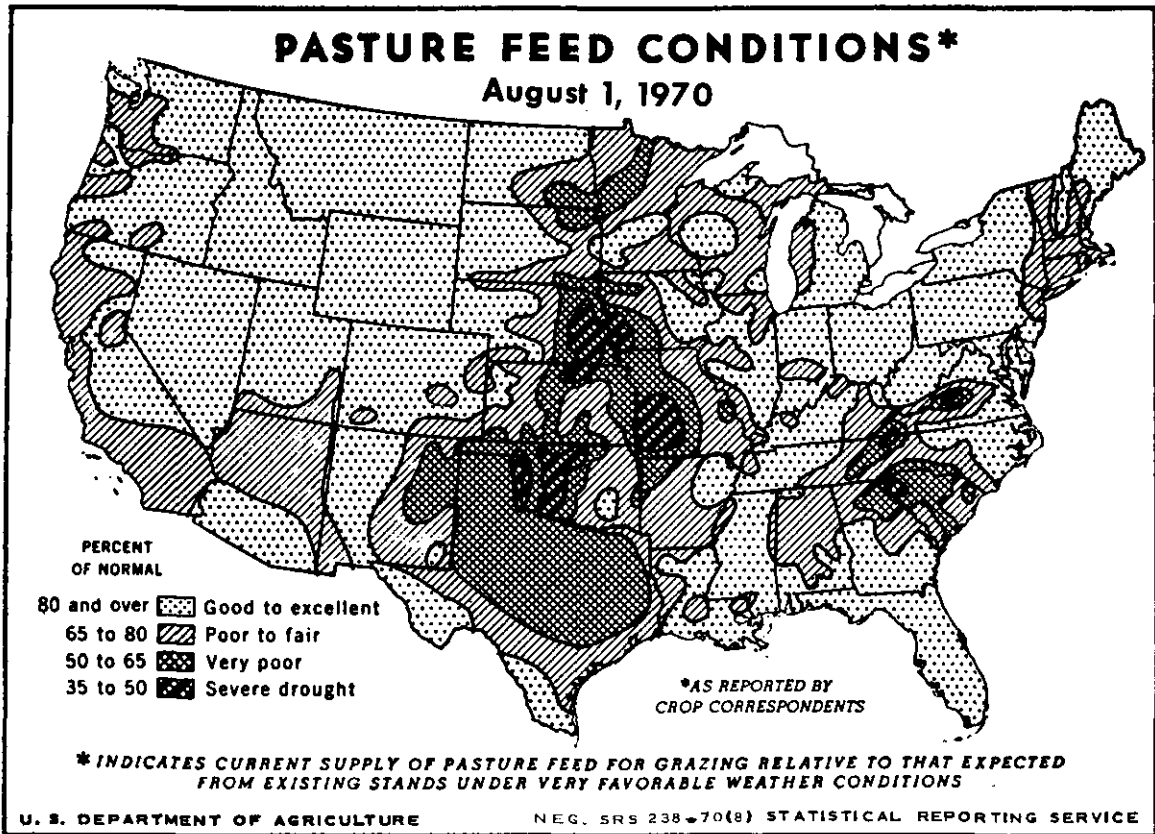
<sup>2/</sup> Excludes milk sucked by calves.

July milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change : from : 1969
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	-- Thousands --			-- Pounds --			-- Million pounds --			Percent
Maine .....	69	69	69	795	825	840	55	57	58	+2
New Hampshire ...	39	38	38	780	805	790	30	31	30	-3
Vermont .....	209	206	207	765	825	835	160	170	173	+2
Massachusetts ...	69	65	65	845	865	850	58	56	55	-2
Rhode Island .....	8.1	7.9	7.6	830	835	825	6.7	6.6	6.3	-5
Connecticut .....	67	66	65	825	840	835	55	55	54	-2
New York .....	1,037	1,030	1,024	800	830	835	830	855	855	0
New Jersey .....	78	75	71	835	850	850	65	64	60	-6
Pennsylvania .....	727	717	712	800	820	845	582	588	602	+2
Ohio .....	474	463	454	820	835	850	389	387	386	0
Indiana .....	249	240	238	835	845	855	208	203	203	0
Illinois .....	329	321	318	840	880	890	276	282	283	0
Michigan .....	481	473	467	815	845	850	392	400	397	-1
Wisconsin .....	1,885	1,844	1,815	845	885	895	1,593	1,632	1,624	0
Minnesota .....	1,056	1,006	964	800	795	820	845	800	790	-1
Iowa .....	567	526	489	811	825	825	460	434	403	-7
Missouri .....	379	367	357	795	795	810	301	292	289	-1
North Dakota .....	157	147	141	750	735	735	118	108	104	-4
South Dakota .....	202	191	179	775	780	780	157	149	140	-6
Nebraska .....	213	202	193	735	740	765	157	149	148	-1
Kansas .....	212	206	200	690	690	710	146	142	142	0
Delaware .....	15	15	15	730	760	780	11.0	11.4	11.7	+3
Maryland .....	170	169	168	770	770	790	131	130	133	+2
Virginia .....	231	224	222	725	730	735	167	164	163	-1
West Virginia ...	67	63	61	550	570	590	37	36	36	0
North Carolina ..	194	190	187	640	645	680	124	123	127	+3
South Carolina ...	72	69	66	575	590	610	41	41	40	-2
Georgia .....	140	140	141	620	630	675	87	88	95	+8
Florida .....	185	189	190	665	645	675	123	122	128	+5
Kentucky .....	366	353	344	660	660	670	242	233	230	-1
Tennessee .....	329	312	306	600	620	630	197	193	193	0
Alabama .....	143	138	134	460	470	485	66	65	65	0
Mississippi .....	209	200	195	460	460	470	96	92	92	0
Arkansas .....	102	99	97	630	660	650	64	65	63	-3
Louisiana .....	180	175	173	460	480	480	83	84	83	-1
Oklahoma .....	155	151	148	715	725	760	111	109	112	+3
Texas .....	365	351	355	695	710	710	254	249	252	+1
Montana .....	47	44	42	730	730	760	34	32	32	0
Idaho .....	157	155	152	860	840	880	135	130	134	+3
Wyoming .....	19.5	19.0	18.7	730	735	750	14.2	14.0	14.0	0
Colorado .....	99	102	101	750	745	760	74	76	77	+1
New Mexico .....	38	36	36	710	720	720	27	26	26	0
Arizona .....	51	51	52	865	900	930	44	46	48	+4
Utah .....	75	76	80	910	910	915	68	69	73	+6
Nevada .....	13.7	13.8	13.9	880	900	905	12.1	12.4	12.6	+2
Washington .....	184	184	181	935	950	1,000	172	175	181	+3
Oregon .....	113	110	110	835	845	850	94	93	94	+1
California .....	781	775	780	1,020	1,020	1,065	797	790	831	+5
Alaska .....	1.8	1.8	1.9	880	910	870	1.58	1.64	1.65	+1
Hawaii .....	13.4	12.7	13.0	820	875	885	11.0	11.1	11.5	+4
United States ...	13,024	12,678	12,457	783	800	816	10,202	10,142	10,162	+0.2

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

2/ Excludes milk sucked by calves.



August 1 pasture feed condition as percentage of normal, by States

State	Average 1959-68	1969	1970	State	Average 1959-68	1969	1970
Percent				Percent			
Maine	84	90	83	N. C.	82	92	76
N. H.	80	86	82	S. C.	81	87	60
Vt.	81	91	77	Ga.	83	78	77
Mass.	76	86	74	Fla.	87	81	91
R. I.	80	87	76	Ky	84	94	84
Conn.	77	90	73	Tenn.	82	84	74
N. Y.	71	93	87	Ala.	80	80	77
N. J.	61	81	77	Miss.	76	75	83
Pa.	66	88	91	Ark.	75	86	76
Ohio	77	94	89	La.	76	63	82
Ind.	83	94	86	Okla.	77	93	57
Ill.	80	93	80	Texas	72	77	60
Mich.	76	94	90	Mont.	80	74	93
Wis.	75	93	76	Idaho	86	92	94
Minn.	79	91	74	Wyo.	80	80	95
Iowa	86	96	70	Colo.	76	92	86
Mo.	75	91	61	N. Mex.	73	78	70
N. Dak.	75	71	81	Ariz.	82	78	80
S. Dak.	73	81	72	Utah	79	89	88
Nebr.	80	85	65	Nev.	83	94	94
Kans.	79	94	65	Wash.	82	91	81
Del.	67	79	95	Oreg.	83	95	80
Md.	68	75	90	Calif.	79	92	76
Va.	73	88	76	U. S.	78	86	75
W. Va.	75	83	86				

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/		
	July 1969	June 1970	July 1970	July 1969	June 1970	July 1970	July 1969	June 1970	July 1970
	Pounds			Dollars					
N. Atl.	1.60	1.52	1.61	5.79	5.65	6.06	3.63	3.72	3.76
E. N. Cent.	1.62	1.64	1.63	4.93	5.13	5.15	3.05	3.12	3.16
W. N. Cent.	1.69	1.71	1.70	4.54	4.73	4.77	2.69	2.76	2.80
S. Atl.	1.82	1.80	1.80	6.38	6.48	6.56	3.51	3.61	3.65
S. Cent.	1.71	1.70	1.70	5.70	5.74	5.80	3.33	3.37	3.41
West.	1.59	1.64	1.66	5.01	5.35	5.37	3.16	3.27	3.24
U. S.	1.64	1.64	1.66	5.22	5.33	5.45	3.18	3.25	3.29

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 herd  
kept by reporters, August 1, by States

State	1968	1969	1970
	----- Pounds -----		
Maine	10.0	11.7	11.2
New Hampshire	10.5	10.7	10.9
Vermont	9.0	9.8	9.8
Massachusetts	12.0	12.2	12.6
Rhode Island	12.0	12.0	12.5
Connecticut	12.0	13.0	12.6
New York	9.5	10.1	10.5
New Jersey	11.4	11.8	11.8
Pennsylvania	11.9	12.4	12.3
Ohio	10.9	11.1	12.3
Indiana	10.0	10.5	12.2
Illinois	9.5	10.5	11.2
Michigan	11.8	10.2	11.0
Wisconsin	8.2	9.1	9.5
Minnesota	8.7	9.9	10.5
Iowa	9.2	10.3	10.5
Missouri	9.2	8.1	9.1
North Dakota	8.0	9.0	8.8
South Dakota	7.7	8.4	8.2
Nebraska	7.6	8.9	9.0
Kansas	8.8	10.5	13.2
Delaware	12.0	12.5	12.9
Maryland	11.5	13.1	13.4
Virginia	9.5	10.4	9.7
West Virginia	6.0	6.9	8.7
North Carolina	9.0	10.0	10.0
South Carolina	10.5	10.0	11.6
Georgia	10.5	10.1	12.0
Florida	10.0	10.0	12.0
Kentucky	8.5	7.5	8.0
Tennessee	7.7	7.5	7.1
Alabama	9.5	9.5	11.0
Mississippi	9.0	10.0	9.4
Arkansas	8.6	10.0	9.8
Louisiana	8.3	8.5	10.0
Oklahoma	10.5	11.5	11.6
Texas	7.5	14.0	14.0
Montana	6.5	7.0	7.1
Idaho	6.8	6.4	8.0
Wyoming	6.9	7.0	7.0
Colorado	7.7	10.0	9.1
New Mexico	10.5	9.0	10.5
Arizona	8.0	9.5	10.0
Utah	8.2	8.1	9.1
Nevada	11.7	10.0	9.0
Washington	7.3	8.9	9.7
Oregon	8.8	8.0	8.3
California	12.0	12.0	14.5
United States	9.4	10.1	10.7

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August 12, 1970

E R R A T A

Crop Production, August 1, 1970 CrPr 2-2 (8-70)  
 Released August 11, 1970

AND

Milk Production, July 1970 Da 1-1 (8-70)  
 Released August 12, 1970

Pasture condition for August 1, 1969 in the above reports should read as follows: (August 1 condition for 1959-68 and for 1970 are correct).

Pasture Condition August 1, 1969

<u>State</u>	<u>Percent</u>	<u>State</u>	<u>Percent</u>
Maine .....	85	N. C. ....	86
N. H. ....	82	S. C. ....	75
Vt. ....	84	Ga. ....	75
Mass. ....	78	Fla. ....	91
R. I. ....	82	Ky. ....	92
Conn. ....	82	Tenn. ....	72
N. Y. ....	90	Ala. ....	77
N. J. ....	85	Miss. ....	70
Pa. ....	89	Ark. ....	71
Ohio ....	95	La. ....	71
Ind. ....	96	Okla. ....	75
Ill. ....	94	Texas ....	58
Mich. ....	93	Mont. ....	87
Wis. ....	92	Idaho ....	90
Minn. ....	91	Wyo. ....	79
Iowa ....	95	Colo. ....	88
Mo. ....	83	N. Mex. ....	78
N. Dak. ....	89	Ariz. ....	83
S. Dak. ....	86	Utah ....	88
Nebr. ....	89	Nev. ....	93
Kans. ....	90	Wash. ....	89
Del. ....	84	Oreg. ....	90
Md. ....	75	Calif. ....	89
Va. ....	94		
W. Va. ....	86	U. S. ....	82

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