

milk production



MAY 1971

Release:
June 11, 1971
3:00 P.M. EDT

May milk production 1 percent above last year

U. S. milk production in May is estimated at 11,217 million pounds, 1 percent more than a year earlier. Daily average production for May was up 4 percent from April, the same as a year ago. May output provided 1.75 pounds of milk per person daily for all uses, compared with 1.68 pounds last month and 1.75 in May last year. Total milk production during the first 5 months of 1971 was 1 percent more than 1970.

Milk production in May was larger than a year earlier in 27 States, unchanged in 7 and down in 16. Of the 5 leading milk-producing States, production was up in Wisconsin, California and Minnesota, but down in New York and Pennsylvania.

Rate per cow up 2 percent from last year--milk cows down 1 percent

Milk output per cow averaged 904 pounds in May, 2 percent more than a year ago. Daily output per cow averaged 29.2 pounds, 4 percent more than in April and 2 percent above May 1970. Production per cow was highest in California, at 1,065 pounds, followed by Washington, 1,060; Arizona, 1,050; and Wisconsin and Minnesota, at 1,010 pounds each. Milk cows on farms during May totaled 12,405,000, 1 percent less than last year.

Milk-feed price ratio down

The May milk-feed price ratio, at 1.60, is 4 percent below a year earlier, and compares with 1.64 last month. Lower milk prices and a slight decline in ration value from last month led to the lower ratio. The ratio was down seasonally by 2 percent from April.

Grain and concentrates feeding rate up 4 percent

Grain and other concentrates fed on June 1 averaged 11.3 pounds per milk cow--4 percent more than last year and a record high for the date. Feeding rates were above a year earlier in 29 States and averaged 11 or more pounds per cow in 27 States. Last year, 23 States were feeding grain and concentrates at that level.

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UNITED STATES DEPARTMENT OF AGRICULTURE

STATISTICAL REPORTING SERVICE CROP REPORTING BOARD

Da 1-1 (6-71)

WASHINGTON, D.C. 20250

Pastures in good to excellent condition but below last year

Pasture condition for June 1 was reported good to excellent except in some southern and southwestern States. At 80 percent of normal, June 1 condition was 5 percentage points below a year ago, 2 points below average, but 6 points above the low condition reported on May 1. Warmer temperatures and rains in many areas have improved pasture growth. Only five States reported lower condition than a month ago: Minnesota and Arizona, 1 point each; Montana 3; New Mexico 5; and Michigan 6 points.

All States in the North Atlantic and East and West North Central Regions reported pasture condition 80 percent or above on June 1. Conditions varied from 80 percent in North Dakota to 95 percent in Nebraska.

Condition in the South Atlantic States ranged from 68 in Florida, where rains have helped but more are needed, to 90 percent in Virginia and North Carolina. Virginia and West Virginia were each 18 points above May 1 reported condition.

In the South Central States, pasture condition in Texas was 45 percent, a 52-year low for the State on that date and lowest of the 48 States. Oklahoma reported 57 percent, third lowest on record for the State for June 1. Louisiana, at 77 percent, was above last month and above average but 5 points below a year ago. Kentucky reported 90 percent, highest June 1 condition in this region.

The Western States varied most in reported pasture condition. New Mexico reported 48 percent of normal which was below last month, last year, and average. Wyoming, at 97 percent, reported its highest condition for this date since 1924.

Milk cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			
	1969	1970	1971	1969	1970	1971	1969	1970	1971	Change from 1970
	Thousands			Pounds			Million pounds			Percent
January	12,819	12,570	12,437	734	752	768	9,415	9,448	9,547	+1.0
February	12,976	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
Jan. - May total							49,600	49,907	50,415	+1.0
June	12,695	12,509		845	863		10,728	10,792		
July	12,674	12,501		801	818		10,149	10,226		
August	12,656	12,493		764	782		9,673	9,767		
September	12,628	12,479		725	743		9,158	9,273		
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.

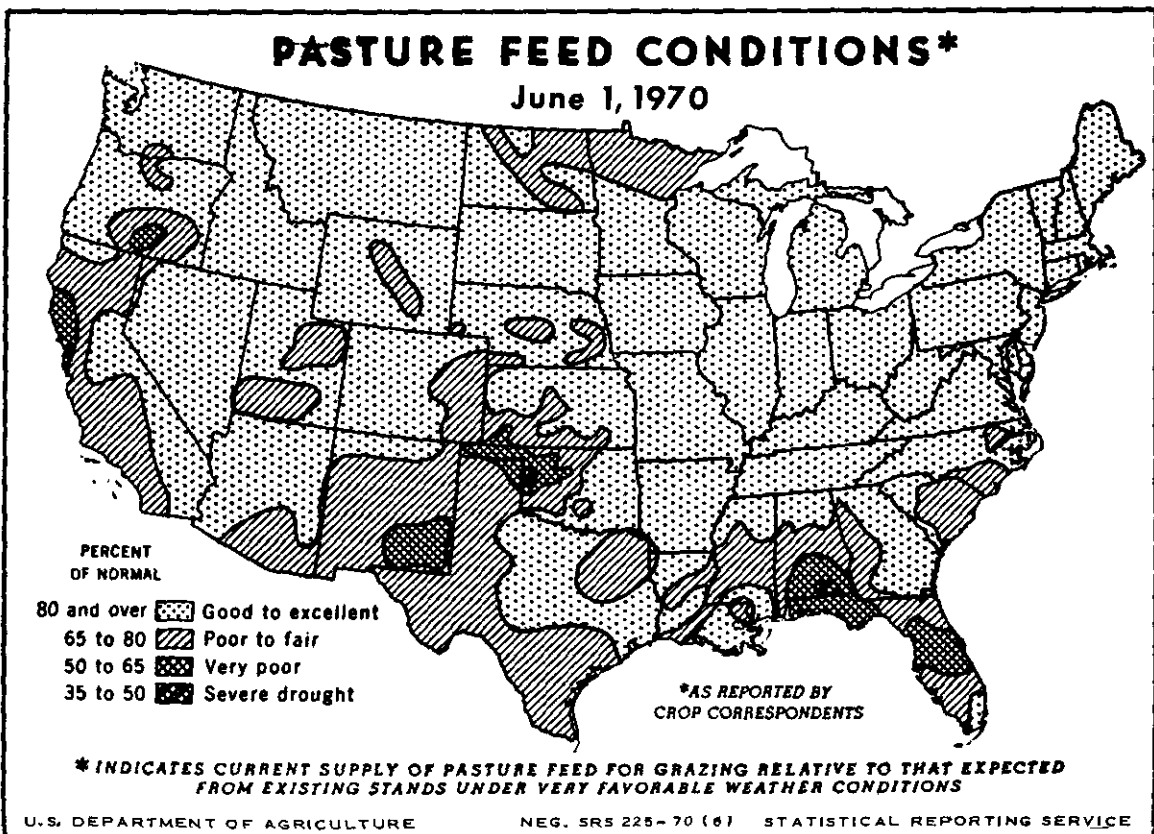
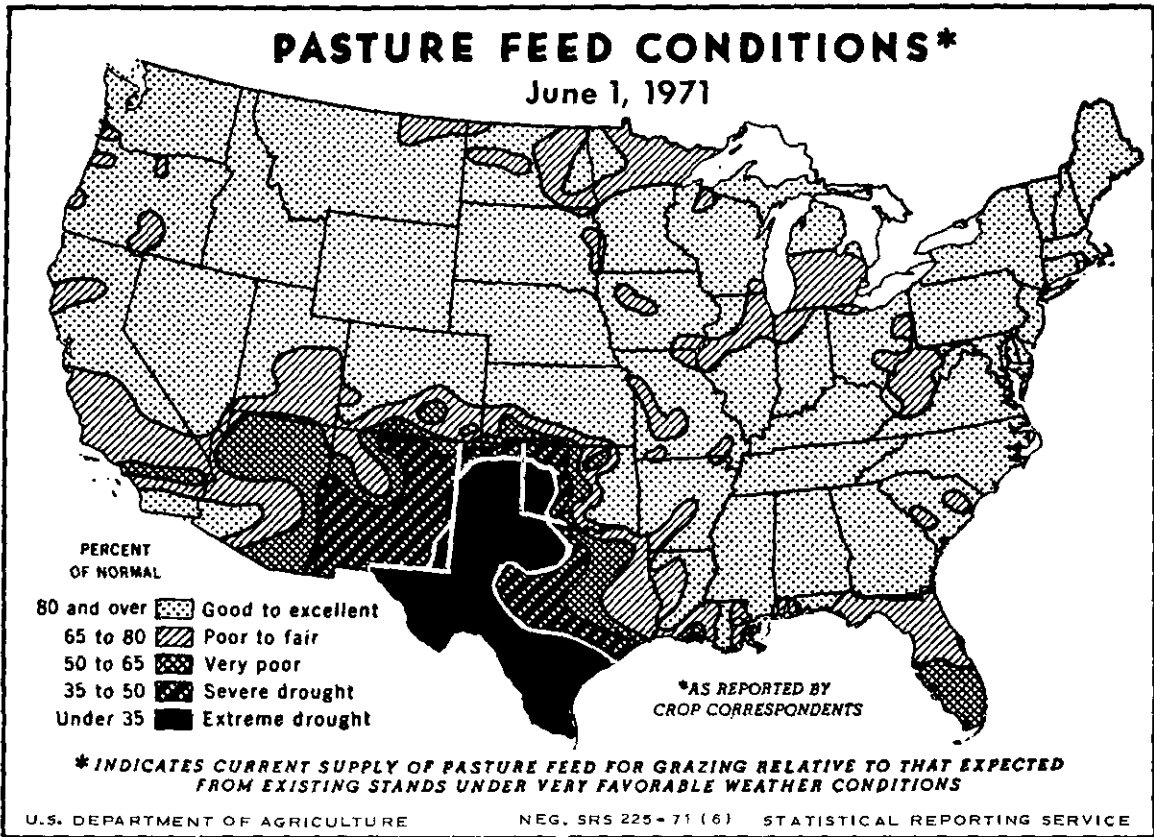
2/ Excludes milk sucked by calves.

May 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	69	67	66	805	830	845	56	56	56	0
New Hampshire	38	37	36	859	860	875	32	32	32	0
Vermont	206	205	205	870	900	935	179	185	192	+ 4
Massachusetts	66	64	63	935	950	965	62	61	61	0
Rhode Island	7.9	7.5	6.9	950	935	975	7.5	7.0	6.7	- 4
Connecticut	66	65	63	930	915	925	61	59	58	- 2
New York	1,029	1,025	1,012	975	980	990	1,003	1,005	1,002	0
New Jersey	75	69	66	980	990	980	74	68	65	- 4
Pennsylvania	721	714	705	915	930	940	660	664	663	0
Ohio	464	455	445	920	920	945	427	419	421	0
Indiana	239	240	237	930	930	960	222	223	228	+ 2
Illinois	318	305	298	890	890	890	283	271	265	- 2
Michigan	473	466	462	870	890	870	412	415	402	- 3
Wisconsin	1,852	1,843	1,850	965	985	1,010	1,787	1,815	1,869	+ 3
Minnesota	1,016	986	977	970	1,000	1,010	986	986	987	0
Iowa	532	500	476	885	905	935	471	453	445	- 2
Missouri	369	358	346	830	855	860	306	306	298	- 3
North Dakota	148	142	135	770	770	760	114	109	103	- 6
South Dakota	193	181	176	790	780	815	152	141	143	+ 1
Nebraska	201	191	187	780	805	790	157	154	148	- 4
Kansas	206	201	195	780	775	825	161	156	161	+ 3
Delaware	15	15	15	845	840	850	12.7	12.6	12.8	+ 2
Maryland	169	167	168	820	830	845	139	139	142	+ 2
Virginia	225	222	219	750	765	800	169	170	175	+ 3
West Virginia	63	60	56	580	590	590	37	35	33	- 6
North Carolina	191	187	185	680	700	715	130	131	132	+ 1
South Carolina	70	66	65	630	650	680	44	43	44	+ 2
Georgia	140	146	147	685	705	710	96	103	104	+ 1
Florida	190	191	193	745	755	825	142	144	159	+10
Kentucky	355	345	338	685	695	725	243	240	245	+ 2
Tennessee	314	305	300	655	680	710	206	207	213	+ 3
Alabama	139	135	134	510	525	550	71	71	74	+ 4
Mississippi	202	196	190	480	490	505	97	96	96	0
Arkansas	100	97	97	680	680	700	68	66	68	+ 3
Louisiana	175	172	168	535	535	585	94	92	98	+ 7
Oklahoma	152	148	145	770	780	790	117	115	115	0
Texas	350	354	355	770	775	800	270	274	284	+ 4
Montana	45	43	41	780	810	830	35	35	34	- 3
Idaho	155	154	159	875	895	900	136	138	143	+ 4
Wyoming	18.6	17.6	16.9	740	745	755	13.8	13.1	12.8	- 2
Colorado	101	101	101	795	770	790	80	78	80	+ 3
New Mexico	37	35	35	730	745	770	27	26	27	+ 4
Arizona	52	52	52	980	1,000	1,050	51	52	55	+ 6
Utah	76	80	83	950	940	940	72	75	78	+ 4
Nevada	13.8	13.9	14.1	905	920	910	12.5	12.8	12.8	0
Washington	182	184	193	1,060	1,070	1,060	193	197	205	+ 4
Oregon	110	108	107	900	910	920	99	98	98	0
California	776	792	806	1,020	1,070	1,065	792	847	858	+ 1
Alaska	1.8	1.9	1.8	845	895	830	1.52	1.70	1.49	-12
Hawaii	12.5	12.7	12.8	935	930	900	11.7	11.8	11.5	- 3
United States	12,720	12,523	12,405	871	887	904	11,073	11,109	11,217	+ 1.0

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

2/ Excludes milk sucked by calves.



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

State	Average 1960-69	1970	1971	State	Average 1960-69	1970	1971
Percent				Percent			
Maine	87	89	90	N. C.	83	90	90
N. H.	87	91	89	S. C.	78	78	86
Vt.	88	95	88	Ga.	78	80	84
Mass.	84	91	90	Fla.	67	65	68
R. I.	87	92	90	Ky.	88	95	90
Conn.	84	90	90	Tenn.	85	89	88
N. Y.	85	94	89	Ala.	78	75	87
N. J.	80	89	87	Miss.	79	81	88
Pa.	84	93	89	Ark.	82	82	88
Ohio	88	94	86	La.	74	82	77
Ind.	91	95	85	Okla.	79	76	57
Ill.	90	95	85	Texas	74	78	45
Mich.	89	93	81	Mont.	81	90	85
Wis.	86	95	90	Idaho	87	88	92
Minn.	86	88	86	Wyo.	79	83	97
Iowa	88	92	87	Colo.	71	83	86
Mo.	85	92	84	N. Mex.	63	70	46
N. Dak.	80	80	80	Ariz.	85	80	71
S. Dak.	79	87	88	Utah	82	79	87
Nebr.	78	86	95	Nev.	82	92	90
Kans.	75	85	84	Wash.	86	86	90
Del.	82	95	88	Oreg.	88	87	89
Md.	81	90	88	Calif.	82	72	82
Va.	84	95	90	U. S.	82	85	80
W. Va.	80	84	78				

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/		
	May 1970	April 1971	May 1971	May 1970	April 1971	May 1971	May 1970	April 1971	May 1971
	Pounds			Dollars					
N. Atl.	1.54	1.53	1.49	5.76	6.17	6.00	3.73	4.03	4.02
E. N. Cent.	1.68	1.64	1.63	5.17	5.50	5.37	3.08	3.35	3.30
W. N. Cent.	1.72	1.73	1.71	4.74	5.06	5.01	2.76	2.93	2.93
S. Atl.	1.86	1.77	1.77	6.58	6.91	6.81	3.54	3.90	3.84
S. Cent.	1.76	1.67	1.64	5.88	6.10	6.00	3.35	3.66	3.66
West.	1.66	1.59	1.54	5.37	5.50	5.45	3.23	3.46	3.55
U. S.	1.67	1.64	1.60	5.40	5.71	5.60	3.23	3.50	3.49

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, June 1, by States

State	1969	1970	1971
Pounds			
Maine	12.2	11.5	11.0
New Hampshire	11.4	11.5	11.0
Vermont	10.2	10.5	10.5
Massachusetts	13.1	13.4	12.0
Rhode Island	12.9	13.3	12.0
Connecticut	13.0	13.1	13.0
New York	10.6	10.8	11.6
New Jersey	12.0	11.9	11.6
Pennsylvania	12.2	12.7	14.1
Ohio	10.9	12.0	11.8
Indiana	9.7	12.0	10.9
Illinois	9.9	10.3	11.5
Michigan	10.0	9.8	11.1
Wisconsin	10.1	10.3	10.6
Minnesota	11.2	11.8	12.4
Iowa	10.3	10.1	11.6
Missouri	8.4	9.3	9.8
North Dakota	10.1	10.3	10.6
South Dakota	8.2	9.9	8.5
Nebraska	9.0	9.0	8.3
Kansas	11.7	12.4	12.8
Delaware	13.2	12.8	13.5
Maryland	12.3	12.8	13.0
Virginia	10.1	8.5	7.6
West Virginia	7.1	8.0	8.2
North Carolina	10.0	10.0	10.5
South Carolina	10.5	11.3	13.6
Georgia	11.5	12.5	11.5
Florida	11.0	12.0	12.0
Kentucky	8.1	8.7	8.5
Tennessee	8.4	8.3	8.9
Alabama	9.0	11.0	11.0
Mississippi	10.0	9.0	10.0
Arkansas	10.8	11.7	11.5
Louisiana	9.2	10.7	11.7
Oklahoma	11.0	11.4	11.5
Texas	12.7	12.9	14.0
Montana	6.0	8.8	9.0
Idaho	7.8	8.1	8.2
Wyoming	5.5	6.5	7.0
Colorado	10.0	12.7	8.5
New Mexico	10.0	10.7	11.0
Arizona	10.0	11.0	12.5
Utah	8.3	9.5	9.7
Nevada	9.5	9.0	10.0
Washington	9.0	9.9	9.3
Oregon	9.0	8.0	8.8
California	13.0	13.0	13.5
United States	10.5	10.9	11.3

FORAGE FED TO MILK COWS DURING 1970-71 WINTER FEEDING SEASON

The hay equivalent of forage fed to milk cows during the 1970-71 winter feeding season averaged 3.9 tons per cow, up .2 ton from the previous winter feeding season. Hay equivalent is based on hay fed plus an allowance of 1 ton of hay for every 3 tons of silage fed. Forage does not include pasture or grazing of field crop residues.

HAY FEEDING RATE UNCHANGED

Milk cows were fed an average of 2.4 tons of hay during the 1970-71 winter feeding period, unchanged from a year ago. Alfalfa or alfalfa mixtures accounted for 75 percent of all hay fed, 2 percentage points more than a year earlier. Clover or mixed clover was next in importance with 15 percent of the total, the same as last year. Coastal Bermuda made up 2 percent of the U. S. total and lespedeza 1 percent. Other hay amounted to 7 percent of the total, down 2 percentage points from the previous season.

INCREASED SILAGE FEEDING

Silage fed during the 1970-71 winter feeding season averaged 4.9 tons per milk cow, 1 ton more than last year. Corn silage was the leading type, representing 80 percent of all silage fed during the past feeding season and unchanged from last season. Grass silage feeding increased 1 percentage point to 15 percent of the total silage and was second in importance by type. Sorghum silage accounted for 3 percent of the U. S. total, the same as a year earlier. Other silage at 2 percent of the total, was down 1 percentage point from the previous feeding season.

HAY VALUES INCREASE

Hay fed to milk cows on February 1, 1971 had a reported average value of \$27.70 per ton, up \$1.81 from February 1, 1970. Respondents indicated 91 percent of the hay fed was baled, 3 percent loose and 6 percent was chopped. This compares with 90 percent, 5 percent, and 5 percent, respectively, for the year earlier feeding period.

LESS HAY PURCHASED

Dairymen reported 19 percent of the hay fed to milk cows during the 1970-71 winter feeding season was purchased compared with 20 percent a year ago.

Hay and silage fed per milk cow in herds kept by dairy reporters,
winter feeding period ending in May, by States, 1970 and 1971 1/

State	Hay		Silage		Hay equivalent of all forage 2/	
	1970	1971	1970	1971	1970	1971
	T o n s					
Me., N.H., Vt.	2.7	2.4	3.3	4.1	3.8	3.7
Mass., R. I., Conn.	2.0	2.1	4.7	6.5	3.6	4.2
N. Y.	2.8	2.7	4.9	5.3	4.4	4.5
N. J.	2.0	1.9	6.5	5.7	4.2	3.8
Pa.	1.8	1.8	3.6	3.8	3.0	3.1
Ohio	2.2	1.9	4.6	4.9	3.7	3.5
Ind.	2.0	1.8	5.9	5.9	4.0	3.8
Ill.	2.1	1.8	4.4	4.6	3.6	3.3
Mich.	2.6	2.4	5.0	5.6	4.3	4.3
Wis.	2.6	2.8	4.7	5.5	4.2	4.6
Minn.	2.9	2.7	4.3	3.8	4.3	4.0
Iowa	2.6	2.7	3.8	3.6	3.9	3.9
Mo.	2.5	2.1	3.4	4.8	3.6	3.7
N. Dak.	3.2	3.3	2.8	3.9	4.1	4.6
S. Dak.	2.8	2.2	3.6	3.8	4.0	3.5
Nebr.	2.2	2.5	3.2	3.5	3.3	3.7
Kans.	2.0	2.3	4.0	3.1	3.3	3.3
Del., Md.	1.6	1.7	6.3	7.2	3.7	4.1
Va.	1.4	1.1	6.5	7.7	3.6	3.7
W. Va.	1.9	1.5	6.1	5.5	3.9	3.3
N. C.	1.0	.7	6.3	7.0	3.1	3.0
S. C.	1.1	.9	6.1	5.3	3.1	2.7
Ga.	.9	.9	5.4	6.6	2.7	3.1
Fla.	.6	.4	2.3	2.3	1.4	1.2
Ky.	1.8	1.7	3.1	4.0	2.8	3.0
Tenn.	1.6	1.5	2.5	1.8	2.4	2.1
Ala.	1.3	1.3	3.2	5.2	2.4	3.0
Miss.	1.2	1.2	2.8	4.0	2.1	2.5
Ark.	2.0	2.8	2.6	1.4	2.9	3.3
La.	1.5	1.2	2.1	2.1	2.2	1.9
Okla.	2.7	2.5	1.9	1.9	3.3	3.1
Texas	2.4	1.9	1.2	.8	2.8	2.2
Mont.	3.2	3.0	1.9	3.0	3.8	4.0
Idaho	3.9	3.7	3.0	4.0	4.9	5.0
Wyo.	3.9	4.5	a/	a/	4.5	5.3
Colo.	3.1	2.7	3.4	4.4	4.2	4.2
N. Mex.	3.2	3.7	a/	2.1	4.3	4.4
Ariz.	3.0	2.4	a/	2.9	4.0	3.4
Utah	3.9	4.0	3.9	2.9	5.2	5.0
Nev.	4.0	4.1	a/	1.8	4.6	4.7
Wash.	2.8	1.8	3.2	2.3	3.9	2.6
Oreg.	3.2	2.7	3.2	4.6	4.3	4.2
Calif.	3.6	2.8	1.6	1.1	4.1	3.2
U. S.	2.4	2.4	3.9	4.9	3.7	3.9

1/ Based on tonnage fed during the October-May winter feeding period, as reported on May 1, and number of milk cows in herds on that date. 2/ Does not include pasture or grazing of crop residues. In computing hay equivalent, 3 tons of silage are considered equal to 1 ton of hay.
a/ Number of reports not sufficient to establish a stable average.

Hay: Percentage by kinds fed to milk cows in herds kept by dairy reporters, winter feeding period ending in May, by States, 1970 and 1971 1/

State	Alfalfa or		Clover or		Lespedeza		Coastal		Other	
	mixed alfalfa	mixed alfalfa	mixed clover	mixed clover	1970	1971	bermuda	bermuda	1970	1971
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971
	P e r c e n t									
Me., N. H., Vt.	35	32	59	58					6	10
Mass., R. I., Conn.	42	29	49	65					9	6
N. Y.	55	59	28	37					17	4
N. J.	87	85	9	7					4	8
Pa.	52	55	33	31					15	14
Ohio	58	61	35	30					7	9
Ind.	74	80	17	14					9	6
Ill.	84	90	15	8					1	2
Mich.	93	95	6	5					1	
Wis.	89	89	11	10						1
Minn.	85	93	8	5					7	2
Iowa	84	90	16	9						1
Mo.	76	85	10	7	3				11	8
N. Dak.	73	83		3					27	14
S. Dak.	94	93		1					6	6
Nebr.	92	85	2	1					6	14
Kans.	86	86	4	1					10	13
Del., Md.	58	64	39	33	1				2	3
Va.	41	53	38	31	4	2			17	14
W. Va.	53	53	40	35		3		1	7	8
N. C.	23	24	24	22	10	14	5	7	38	33
S. C.	3	6		1	9	7	58	60	30	26
Ga.	11	14	5	4	6	4	52	55	26	23
Fla.	a/	a/	a/	a/	a/	a/	a/	a/	a/	a/
Ky.	40	46	41	40	10	5			9	9
Tenn.	20	18	38	42	18	11			24	29
Ala.	4	4	7	7	9	7	29	26	51	56
Miss.	12	8	17	11	12	11	7	20	52	50
Ark.	36	41	6	3	18	14	5	8	35	34
La.	11	8	4	6		4	27	29	58	53
Okla.	78	83			2	1	2	2	18	14
Texas	56	51				1	17	15	27	33
Mont.	91	96	5	1					4	3
Idaho	97	97	3	3						
Wyo.	96	96	1	1					3	3
Colo.	97	97		2					3	1
N. Mex.	97	95							3	5
Ariz.	100	100								
Utah	99	97	1	3						
Nev.	98	100	2							
Wash.	84	87	11	10					5	3
Oreg.	70	74	20	21					10	5
Calif.	94	94	2	1					4	5
U. S.	73	75	15	15	1	1	2	2	9	7

1/ For October-May winter feeding period as reported May 1.

a/ Number of reports not sufficient to establish a stable average.

Silage: Percentage by kinds fed to milk cows in herds kept by dairy reporters, winter feeding period ending in May, by States, 1970 and 1971 1/

State	Corn silage		Grass silage		Sorghum silage		Other silage	
	1970	1971	1970	1971	1970	1971	1970	1971
	P e r c e n t							
Me., N. H., Vt.	90	88	7	10			3	2
Mass., R. I., Conn.	88	86	12	14				
N. Y.	83	85	16	14			1	1
N. J.	80	85	17	13	2		1	2
Pa.	88	87	9	11			3	2
Ohio	81	81	17	16	1	2	1	1
Ind.	77	86	13	9			10	5
Ill.	72	77	25	23	3			
Mich.	80	75	20	25				
Wis.	75	69	24	30			1	1
Minn.	86	91	9	8			5	1
Iowa	85	80	15	19				1
Mo.	70	78	21	19	9	3		
N. Dak.	93	97	6	2			1	1
S. Dak.	90	90	2	4	4		4	6
Nebr.	58	66	30	19	11	13	1	2
Kans.	46	44	4	6	48	44	2	6
Del., Md.	93	92	2	5	2	1	3	2
Va.	94	96	3	2	1	1	2	1
W. Va.	98	95	2	2				3
N. C.	83	81	12	10	5	9		
S. C.	98	90		2	2	4		4
Ga.	86	88	3		10	9	1	3
Ky.	88	93	9	3	2	3	1	1
Tenn.	84	82	12	14	4	4		
Ala.	67	68	9	9	11	15	13	8
Miss.	72	68	16	17	7	9	5	6
La.	81	80	11	10	5	7	3	3
Okla.	6	6	8	10	86	82		2
Texas	34	42		1	45	41	21	16
Mont.	75	71	23	27			2	2
Idaho	99	94	1	5				1
Colo.	99	95		5			1	
Utah	81	93	9	7	8		2	
Wash.	50	59	33	30			17	11
Oreg.	78	85	20	15			2	
Calif.	93	92	6	3		4	1	1
U. S.	80	80	14	15	3	3	3	2

1/ Data are shown only for those States where the reported amount fed was sufficient to provide a stable breakdown by kinds.

Value per ton of hay fed to milk cows in herds kept by dairy reporters and percentage reporting on baled, loose, and chopped hay, by States, February 1, 1970 and 1971 1/

State	Value per ton				Number of reports as percentage of total					
	Baled		All 2/		Baled		Loose		Chopped	
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971
	Dollars				Percent					
Me., N. H., Vt.	29.00	35.00	28.50	35.00	95	98	2	1	3	1
Mass., R. I., Conn.	36.00	40.50	36.00	40.50	99	99	1	1	0	0
N. Y.	25.50	29.00	25.50	29.00	95	96	2	1	3	3
N. J.	36.50	41.50	36.50	40.50	97	95	0	2	3	3
Pa.	30.50	32.00	30.50	32.00	100	100	0	0	0	0
Ohio	25.50	27.00	25.50	26.50	94	94	2	3	4	3
Ind.	26.00	26.00	25.50	26.00	92	87	1	2	7	11
Ill.	25.00	27.00	25.00	26.50	92	88	0	1	8	11
Mich.	23.00	22.00	22.50	22.00	86	88	3	2	11	10
Wis.	19.50	21.50	19.50	21.00	87	87	2	2	11	11
Minn.	22.00	20.50	22.00	20.50	95	95	3	1	2	4
Iowa	21.00	23.00	21.00	22.50	95	92	1	0	4	8
Mo.	25.00	28.50	25.00	28.00	95	93	1	1	4	6
N. Dak.	21.00	20.50	19.50	19.50	61	64	32	31	7	5
S. Dak.	20.50	20.50	20.00	20.00	58	59	34	32	8	9
Nebr.	20.00	24.00	18.50	21.50	57	55	35	33	8	12
Kans.	23.50	27.00	23.00	26.00	87	90	7	8	6	2
Del., Md.	35.50	36.50	35.50	36.50	97	98	1	1	2	1
Va.	37.50	38.00	37.50	37.50	95	96	2	2	3	2
W. Va.	31.00	33.00	31.00	33.00	95	96	5	4	0	0
N. C.	34.00	38.00	33.50	37.00	93	97	4	3	3	0
S. C.	33.50	34.50	33.00	34.00	92	98	7	2	1	0
Ga.	32.00	34.00	32.00	34.00	97	100	0	0	3	0
Fla. 3/			36.50	38.00						
Ky.	27.50	30.50	27.50	30.00	96	97	3	2	1	1
Tenn.	31.00	35.00	31.00	35.00	98	98	2	2	0	0
Ala.	33.00	31.50	32.50	31.50	94	96	2	2	4	2
Miss.	28.00	28.00	27.50	28.00	95	95	3	3	2	2
Ark.	29.00	27.50	28.50	27.00	93	96	5	3	2	1
La.	29.50	30.50	29.50	30.50	99	100	1	0	0	0
Okla.	29.00	33.50	28.50	33.00	95	95	0	3	5	2
Texas	32.00	38.00	32.00	38.00	95	96	3	2	2	2
Mont.	26.00	24.00	25.00	23.50	81	78	16	17	3	5
Idaho	25.00	24.50	24.50	24.50	96	94	1	1	3	5
Wyo.	27.50	25.00	27.00	24.50	83	91	13	4	4	5
Colo.	28.00	29.00	27.50	29.00	89	90	9	6	2	4
N. Mex.	35.00	38.50	34.50	38.00	98	98	2	2	0	0
Ariz.	38.50	41.00	38.50	40.50	97	96	0	0	3	4
Utah	28.50	30.50	28.50	30.50	93	95	0	0	7	5
Nev.	30.00	33.00	30.00	31.50	87	83	0	0	13	17
Wash.	31.00	32.50	30.50	32.00	95	98	2	1	3	1
Oreg.	28.00	30.50	27.50	30.50	93	90	2	2	5	8
Calif.	35.50	37.50	35.50	37.50	99	98	0	0	1	2
U. S.	26.09	27.99	25.89	27.70	90.1	91.3	5.1	3.2	4.8	5.5

1/ Reporters were requested to report value only for the type of hay being fed.

2/ Includes reports on value of baled, loose, or chopped hay.

3/ Florida data not available by type.

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
 WASHINGTON, D. C. 20250

POSTAGE AND FEES PAID
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OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Purchased hay as percentage of all hay fed to milk cows in herds kept by dairy reporters,
 winter feeding season ending in May, by States, 1970 and 1971 1/

State	1970	1971	State	1970	1971
Percent			Percent		
Me., N. H., Vt.	8	9	Ga.	4	7
Mass., R. I., Conn.	20	22	Fla.	a/	a/
N. Y.	4	4	Ky.	6	6
N. J.	17	11	Tenn.	4	3
Pa.	5	4	Ala.	11	13
Ohio	6	10	Miss.	8	6
Ind.	5	11	Ark.	42	42
Ill.	6	6	La.	25	19
Mich.	6	8	Okla.	52	53
Wis.	3	3	Texas	62	61
Minn.	7	2	Mont.	33	46
Iowa	1	7	Idaho	37	47
Mo.	17	20	Wyo.	22	11
N. Dak.	6	3	Colo.	26	53
S. Dak.	5	10	N. Mex.	82	78
Nebr.	15	22	Ariz.	89	90
Kans.	17	15	Utah	38	53
Del., Md.	7	9	Nev.	38	65
Va.	6	9	Wash.	67	73
W. Va.	8	12	Oreg.	43	54
N. C.	12	14	Calif.	92	86
S. C.	11	9	U. S.	20	19

1/ Based on tonnage fed during October-May winter feeding season, as reported on May 1.

a/ Number of reports not sufficient to establish a stable average.