

# MILK PRODUCTION

M A Y 1969

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## May milk production 2 percent below a year earlier

U. S. milk production in May is estimated at 11,046 million pounds, 2 percent less than a year earlier and the smallest May production in 30 years. In earlier years there was a sharper early-summer peak in milk production. Daily average production for May was up 4 percent from April -- about the same as the seasonal gain a year earlier. May output provided 1.76 pounds of milk per person daily, for all uses, compared with 1.69 pounds a month earlier, and 1.80 pounds a year earlier. Daily average production during the first 5 months of 1969 was about  $1\frac{1}{2}$  percent less than a year earlier.

May production was smaller than a year earlier in 27 States, unchanged in 7 but up in 16. Of the 5 leading milk producing States (Wisconsin, Minnesota, New York, California, and Pennsylvania) all except Pennsylvania had lower milk output than a year earlier.

## May rate per cow up 1 percent from a year earlier

Milk output per cow averaged 869 pounds in May -- up 1 percent from a year earlier. Daily output per cow averaged 28.0 pounds -- 4 percent more than in April. Production per cow was record high for May in 45 States.

## Milk-feed price ratio 2 percent above a year earlier

The May milk-feed price ratio, at 1.63, was 2 percent above a year earlier and record high for May 1. Higher milk prices caused the increase in the ratio -- May ration value was slightly above a year earlier. The ratio was down 3 percent seasonally from April.

## Grain and concentrate feeding rate up 5 percent

Grain and other concentrates fed on June 1 averaged 10.5 pounds per milk cow -- up 5 percent from a year earlier and record high for the date. Feeding rates were above a year earlier in 37 States, and averaged 10 or more pounds per cow in 31 States. A year earlier, 22 States were feeding 10 or more pounds of grain and concentrate per cow.

## June 1 pasture condition best since 1922

Good to excellent pasture condition continued throughout the Nation on June 1. At 90 percent of normal, the U. S. average was highest for the date since 1922. Reported condition was 3 percentage points above last month, and 8 points above the 1958-67 average for June 1. Weather conditions have generally favored pasture growth. However, some areas -- mainly Rocky Mountain States -- have dry spots.

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All States in the North Atlantic Region reported pasture condition at 87 percent of normal or better on June 1. Only Maine reported below the 10-year average and by only 1 point. New York equaled the 91 percent reported a month and a year earlier.

All North Central States reported above average pastures on June 1. Condition ranged from 95 percent for Kansas, highest for the date since 1949, to 79 percent for North Dakota, 7 points above a year ago. South Dakota, at 85 percent, was 12 points above a year earlier, highest for the date in 5 years.

Pasture condition in the South Atlantic Region ranged from 84 percent of normal in Florida, 14 points above a year ago, to 90 percent in Delaware. All States were average or above, but need more rain to continue so.

All South Central States reported above average condition, ranging from 95 percent of normal in Kentucky and Oklahoma to 88 percent in Mississippi. Kentucky was down 1 point from a year earlier, but otherwise highest for the date since 1958. Condition in Oklahoma has been exceeded once and equaled once in a half century of records. Alabama, at 91 percent, had the highest June 1 condition since 1923. Texas reported 90 equaling a year earlier, and the highest in 20 years.

Reported pasture condition in the West varied on June 1. Nevada reported 97 percent -- highest since 1925. Oregon at 95 was highest for the date since 1957. California, at 92 percent, was 18 percentage points above a year ago, and 10 points above average. Colorado at 86 and New Mexico at 85, were markedly over average, last month and a year earlier. Wyoming at 74 percent, lowest in the 48 States, was below a month and a year earlier and below average.

Table 1.-Milk per cow and milk production by months, United States

Month	Milk per cow			Milk production			
	1967	1968	1969	1967	1968	1969	Change from 1968
	-- Pounds --			-- Million pounds --			Percent
January .....	713	721	735	9,802	9,546	9,407	- 1.5
February .....	667	698	689	9,150	9,207	8,795	- 4.5
March .....	762	773	784	10,407	10,169	9,983	- 1.8
April .....	784	797	807	10,675	10,457	10,261	- 1.9
May .....	837	858	869	11,360	11,227	11,046	- 1.6
Jan.-May total ...	-	-	-	51,394	50,606	49,492	- 2.2
June .....	817	832		11,038	10,840		
July .....	767	785		10,326	10,201		
August .....	722	738		9,688	9,567		
September .....	681	699		9,114	9,035		
October .....	687	707		9,169	9,120		
November .....	660	678		8,781	8,721		
December .....	698	716		9,259	9,191		
Annual .....	8,797	9,006		118,769	117,281		

Table 2. - May milk per cow and milk production, by States

State	Milk per cow <sup>1/</sup>			Milk production			Change from 1968
	1967	1968	1969	1967	1968	1969	
	- - - Pounds - - -			- - Million pounds - - -			Percent
Maine.....	765	785	795	54	54	54	0
New Hampshire.....	825	835	845	34	33	32	- 3
Vermont.....	820	845	860	175	177	179	+ 1
Massachusetts.....	920	915	935	68	64	63	- 2
Rhode Island.....	925	915	935	8.1	7.5	7.3	- 3
Connecticut.....	915	910	935	63	62	62	0
New York.....	940	955	970	1,008	997	989	- 1
New Jersey.....	965	980	975	84	77	72	- 6
Pennsylvania.....	930	900	915	694	656	664	+ 1
Ohio.....	905	910	910	450	433	422	- 3
Indiana.....	910	920	950	250	234	230	- 2
Illinois.....	880	895	895	314	297	283	- 5
Michigan.....	845	875	900	426	416	424	+ 2
Wisconsin.....	920	960	960	1,779	1,817	1,776	- 2
Minnesota.....	935	985	965	1,029	1,046	991	- 5
Iowa.....	860	870	880	527	499	472	- 5
Missouri.....	790	805	810	315	307	299	- 3
North Dakota.....	720	765	760	125	120	111	- 8
South Dakota.....	755	790	785	159	161	153	- 5
Nebraska.....	730	750	765	165	160	155	- 3
Kansas.....	740	760	785	164	162	162	0
Delaware.....	790	810	840	13.4	13.0	12.6	- 3
Maryland.....	795	790	810	139	135	137	+ 1
Virginia.....	695	720	735	168	167	165	- 1
West Virginia.....	565	570	580	41	38	37	- 3
North Carolina.....	640	660	670	129	127	128	+ 1
South Carolina.....	615	620	645	46	45	46	+ 2
Georgia.....	620	655	675	89	91	93	+ 2
Florida.....	775	775	770	142	141	140	- 1
Kentucky.....	665	685	710	253	253	251	- 1
Tennessee.....	615	635	655	215	210	206	- 2
Alabama.....	465	480	510	70	69	71	+ 3
Mississippi.....	455	470	495	102	99	99	0
Arkansas.....	625	645	675	68	66	67	+ 2
Louisiana.....	475	490	545	90	89	95	+ 7
Oklahoma.....	770	770	790	123	119	121	+ 2
Texas.....	710	735	770	273	273	259	- 5
Montana.....	710	750	780	36	35	34	- 3
Idaho.....	885	880	875	139	137	137	0
Wyoming.....	720	735	740	14.8	14.4	14.1	- 2
Colorado.....	770	775	815	75	77	82	+ 6
New Mexico.....	685	710	730	26	27	27	0
Arizona.....	940	925	935	49	47	49	+ 4
Utah.....	900	910	940	69	68	73	+ 7
Nevada.....	905	900	905	12.1	12.2	12.5	+ 2
Washington.....	990	1,020	1,070	193	189	193	+ 2
Oregon.....	855	870	880	99	99	96	- 3
California.....	1,000	1,015	1,010	780	793	787	- 1
Alaska.....	805	835	880	1.61	1.50	1.50	0
Hawaii.....	925	880	930	13.1	12.0	11.6	- 3
United States.....	837	858	869	11,360	11,227	11,046	- 1.6

<sup>1/</sup> Monthly rate based on all milk cows on farms (in milk or dry).

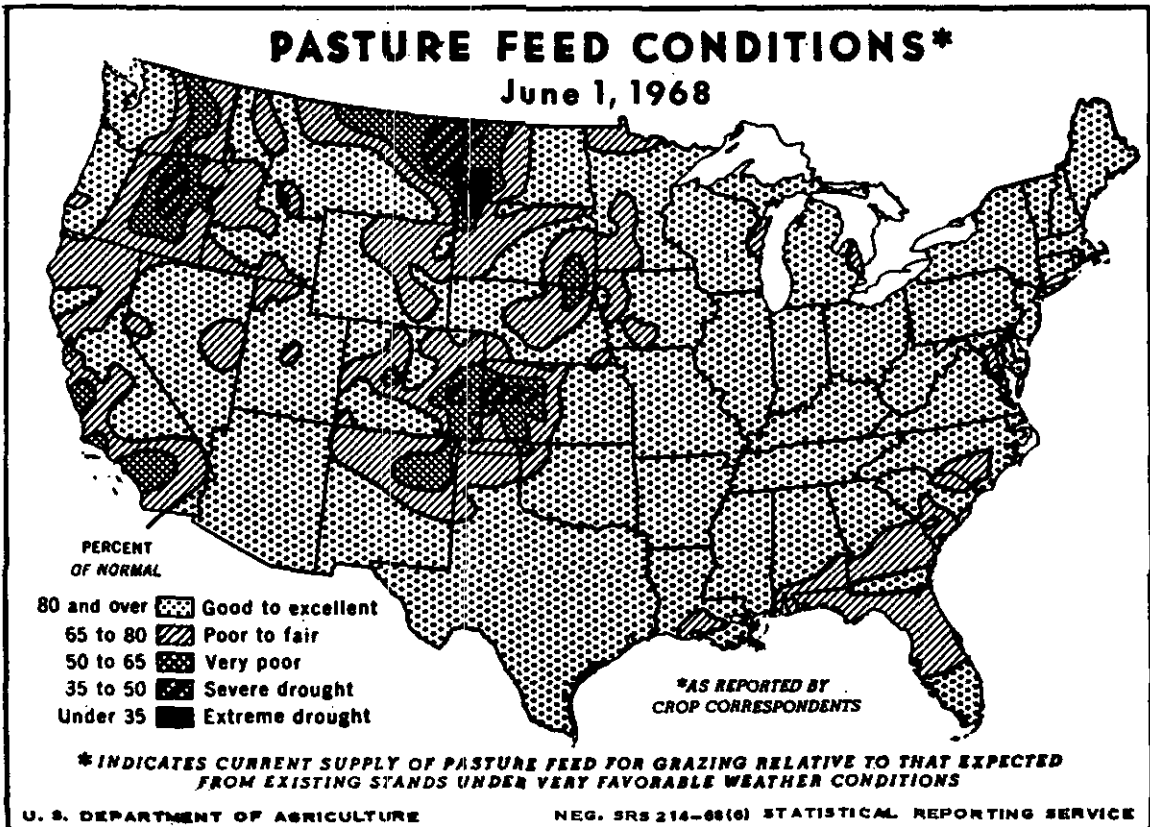
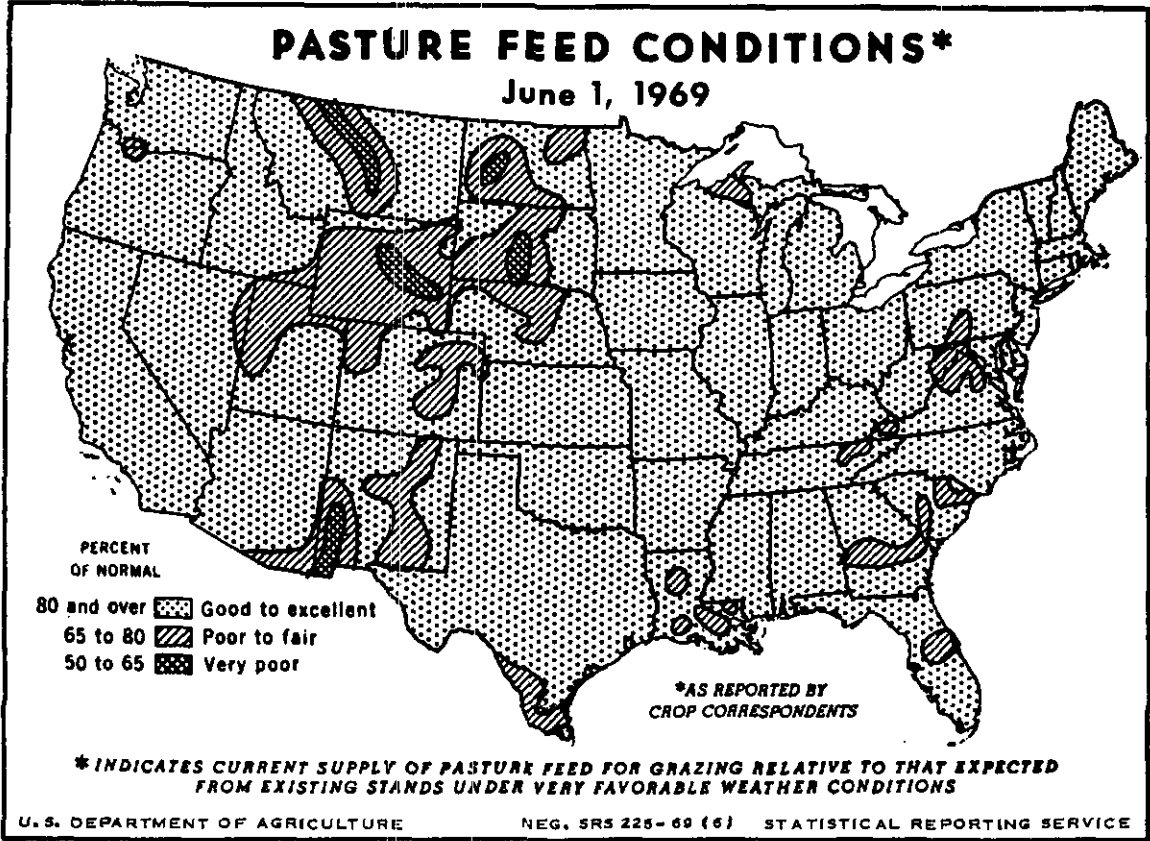


Table 3.--June 1 pasture feed condition, as percentage of normal, by States

State and division	Average 1958-67	1968	1969	State and division	Average 1958-67	1968	1969
	--- Percent ---				--- Percent ---		
Me. ....	88	90	87	N. C. ....	84	89	89
N. H. ....	86	92	87	S. C. ....	79	85	86
Vt. ....	87	92	90	Ga. ....	78	83	87
Mass. ....	84	89	88	Fla. ....	69	70	84
R. I. ....	87	96	88	S. Atl. ..	78	82	86
Conn. ....	85	86	88	Ky. ....	88	96	95
N. Y. ....	85	91	91	Tenn. ....	85	92	89
N. J. ....	80	88	87	Ala. ....	78	87	91
Pa. ....	84	89	90	Miss. ....	79	89	88
N. Atl. ....	85	90	90	Ark. ....	82	92	90
Ohio.....	87	94	93	La. ....	74	84	87
Ind. ....	90	94	94	Okla. ....	78	89	95
Ill. ....	90	91	93	Tex. ....	74	90	90
Mich. ....	87	88	92	S. Cent. .	79	90	91
Wis. ....	84	87	92	Mont. ....	80	73	81
E. N. Cent. .	87	91	93	Idaho.....	87	83	92
Minn. ....	85	81	91	Wyo. ....	82	78	74
Iowa.....	88	86	93	Colo. ....	73	74	86
Mo. ....	85	89	92	N. Mex. ....	64	77	85
N. Dak. ....	77	72	79	Ariz. ....	84	90	84
S. Dak. ....	79	73	85	Utah.....	82	85	84
Nebr. ....	80	80	88	Nev. ....	80	82	97
Kans. ....	76	79	95	Wash. ....	86	85	91
W. N. Cent. .	84	84	91	Oreg. ....	88	84	85
Del. ....	81	85	90	Calif. ....	82	74	92
Md. ....	82	84	85	West. ....	81	79	88
Va. ....	85	90	85	U. S. ....	81	87	90
W. Va. ....	80	90	85				

Table 4.--Milk-feed price ratios, milk prices, and ration values, by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	May 1968	April 1969	May 1969	May 1968	April 1969	May 1969	May 1968	April 1969	May 1969
	--- Pounds ---			--- Dollars ---					
N. Atl. ....	1.46	1.57	1.52	5.33	5.67	5.54	3.64	3.62	3.64
E. N. Cent.	1.65	1.70	1.64	4.79	4.97	4.93	2.90	2.93	3.00
W. N. Cent.	1.63	1.73	1.68	4.35	4.52	4.49	2.67	2.62	2.67
S. Atl. ....	1.78	1.90	1.82	6.19	6.49	6.36	3.47	3.41	3.49
S. Cent. ...	1.68	1.76	1.71	5.52	5.76	5.67	3.29	3.27	3.32
West. ....	1.54	1.63	1.61	4.99	5.14	5.13	3.23	3.15	3.18
U. S. ....	1.60	1.68	1.63	5.01	5.23	5.16	3.13	3.11	3.16

1/ Data for current month are preliminary.

2/ Pounds of concentrate ration equal in value to 1 pound wholesale milk.

3/ Value per 100 pounds of concentrate ration fed to milk cows.

Table 5.-Grain and other concentrates fed daily per milk cow in herd kept by reporters, June 1, by States

State	1967	1968	1969	State	1967	1968	1969
	<u>Pounds</u>				<u>Pounds</u>		
Maine .....	11.0	10.0	12.2	West Virginia .....	6.9	6.7	7.1
New Hampshire .....	11.5	10.2	11.4	North Carolina .....	10.0	10.0	10.0
Vermont .....	10.0	9.1	10.2	South Carolina .....	8.5	9.5	10.5
Massachusetts .....	12.4	11.7	13.1	Georgia .....	10.0	12.0	11.5
Rhode Island .....	12.6	11.5	12.9	Florida .....	10.0	10.0	11.0
Connecticut .....	13.0	11.7	13.0	Kentucky .....	7.0	6.8	8.1
New York .....	10.0	10.2	10.6	Tennessee .....	7.4	7.9	8.4
New Jersey .....	10.7	11.3	12.0	Alabama .....	9.0	8.5	9.0
Pennsylvania .....	11.8	12.3	12.2	Mississippi .....	8.0	8.0	10.0
Ohio .....	9.7	11.0	10.9	Arkansas .....	8.6	9.5	10.8
Indiana .....	9.8	9.5	9.7	Louisiana .....	9.0	9.0	9.2
Illinois .....	9.0	10.0	9.9	Oklahoma .....	10.0	11.0	11.0
Michigan .....	9.8	11.0	10.0	Texas .....	7.1	8.0	12.7
Wisconsin .....	9.2	10.1	10.1	Montana .....	7.5	6.8	6.0
Minnesota .....	10.8	11.1	11.2	Idaho .....	7.8	7.1	7.8
Iowa .....	10.0	9.6	10.3	Wyoming .....	5.2	5.2	5.5
Missouri .....	8.8	8.5	8.4	Colorado .....	9.0	8.8	10.0
North Dakota .....	8.1	9.2	10.1	New Mexico .....	9.0	10.0	10.0
South Dakota .....	7.7	8.9	8.2	Arizona .....	9.5	8.6	10.0
Nebraska .....	8.6	8.3	9.0	Utah .....	7.5	9.0	8.3
Kansas .....	9.8	10.7	11.7	Nevada .....	9.5	9.2	9.5
Delaware .....	11.7	11.6	13.2	Washington .....	7.5	8.0	9.0
Maryland .....	11.4	11.5	12.3	Oregon .....	8.0	8.4	9.0
Virginia .....	9.8	9.8	10.1	California .....	11.0	12.0	13.0
				United States .....	9.5	10.0	10.5

Table 5.-Quantity and value of grain and other concentrates fed to milk cows, by States, 1968 1/

State and division	Annual quantity fed to milk cows			Annual average value of feed per 100 lb.	Annual average feed value per 100 lb. of milk
	Total	Per cow	Per 100 lb. of milk		
	1,000 tons	-- Pounds --		-- Dollars --	
Maine .....	116	3,380	39	3.89	1.52
N. H. ....	68	3,510	38	3.81	1.45
Vt. ....	338	3,230	36	3.74	1.35
Mass. ....	139	4,030	40	3.80	1.52
R. I. ....	16	4,050	41	3.76	1.54
Conn. ....	140	4,160	41	3.77	1.55
N. Y. ....	1,787	3,440	35	3.64	1.27
N. J. ....	158	4,000	39	3.69	1.44
Pa. ....	1,452	3,990	42	3.49	1.47
N. Atl. ....	4,214	3,654	37.9	3.62	1.37
Ohio .....	902	3,800	40	3.02	1.21
Ind. ....	475	3,700	39	2.86	1.12
Ill. ....	606	3,670	39	2.53	.99
Mich. ....	894	3,780	39	2.75	1.07
Wis. ....	3,274	3,470	36	2.97	1.07
E. N. Cent. ..	6,151	3,600	37.4	2.89	1.08
Minn. ....	1,898	3,590	37	2.69	1.00
Iowa .....	1,061	3,730	41	2.45	1.00
Mo. ....	658	3,460	43	2.94	1.26
N. Dak. ....	220	2,830	38	1.88	.71
S. Dak. ....	312	3,090	38	2.31	.88
Nebr. ....	324	3,080	39	2.52	.98
Kans. ....	344	3,240	40	2.64	1.06
W. N. Cent. ..	4,817	3,457	39.0	2.59	1.01
Del. ....	29	3,840	43	3.52	1.51
Md. ....	318	3,740	42	3.53	1.48
Va. ....	335	2,900	38	3.67	1.39
W. Va. ....	74	2,220	35	3.78	1.32
N. C. ....	310	3,210	42	3.57	1.50
S. C. ....	121	3,360	47	3.46	1.63
Ga. ....	260	3,740	50	3.52	1.76
Fla. ....	544	5,980	70	3.08	2.16
S. Atl. ....	1,991	3,726	47.3	3.44	1.63
Ky. ....	540	2,940	43	3.21	1.38
Tenn. ....	487	2,960	46	3.37	1.55
Ala. ....	206	2,880	51	3.36	1.71
Miss. ....	284	2,720	52	3.39	1.76
Ark. ....	176	3,440	51	3.30	1.68
La. ....	268	2,980	52	3.51	1.83
Okla. ....	321	4,140	50	3.07	1.54
Texas .....	744	4,080	50	3.18	1.59
S. Cent. ....	3,026	3,271	48.4	3.27	1.58
Mont. ....	55	2,400	31	2.58	.80
Idaho .....	204	2,610	28	2.72	.76
Wyo. ....	22	2,190	27	2.68	.72
Colo. ....	160	3,240	38	2.89	1.10
N. Mex. ....	52	2,740	33	3.20	1.06
Ariz. ....	92	3,580	33	3.28	1.08
Utah .....	118	3,140	31	2.91	.90
Nev. ....	22	3,210	32	3.32	1.06
Wash. ....	293	3,150	30	3.35	1.00
Oreg. ....	146	2,580	30	3.43	1.03
Calif. ....	1,523	3,900	34	3.25	1.10
West .....	2,687	3,404	32.7	3.18	1.04
U. S. ....	22,886	3,519	39.1	3.09	1.21

1/ Estimates for all farms where milk was produced, either for sale or for home use.

Table 6.-Individual feeds as percentage of the total concentrate ration fed to milk cows by dairy reporters, by States, 1968 1/

State and division	Grains					Cotton-seed meal	Soybean meal	Wheat bran, shorts	Dried beet pulp	Dried citrus pulp	Commercial mixed feed	Misc. other
	Corn	Oats	Barley	Wheat	Sorghum							
	----- Percent -----											
Maine .....	2	1	-	-	-	-	-	-	1	1	95	-
N. H. ....	1	1	-	-	-	-	-	-	-	2	94	2
Vt. ....	2	1	-	-	-	-	-	-	1	1	93	2
Mass. ....	-	-	-	-	-	-	-	-	3	4	92	1
R. I. ....	-	-	-	-	-	-	-	-	5	3	91	1
Conn. ....	2	-	-	-	-	-	-	-	5	5	86	2
N. Y. ....	17	8	-	1	-	-	2	1	-	-	65	6
N. J. ....	22	3	4	1	-	-	2	-	-	-	65	3
Pa. ....	40	11	4	-	-	-	5	2	1	-	32	5
N. Atl. ....	22.1	7.4	1.5	.5	-	-	2.6	1.1	.7	.5	58.9	4.7
Ohio ....	68	12	1	2	-	-	4	1	-	-	11	1
Ind. ....	73	9	1	-	-	-	5	-	-	-	11	1
Ill. ....	72	11	-	1	-	-	3	1	-	-	10	2
Mich. ....	64	22	1	3	-	-	3	-	-	-	6	1
Wis. ....	54	26	1	-	-	-	2	2	1	-	9	5
E. N. Cent.	60.8	20.6	.9	.8	-	-	2.8	1.3	.5	-	9.1	3.2
Miss. ....	57	30	-	-	-	-	2	2	-	-	8	1
Iowa ....	73	15	-	-	-	-	2	-	-	-	10	-
Mo. ....	47	3	1	-	3	-	2	3	-	-	40	1
N. Dak. ....	7	71	10	1	-	-	1	-	-	-	8	2
S. Dak. ....	39	39	8	-	2	-	1	-	-	-	10	1
Nebr. ....	53	5	-	-	17	-	2	1	-	-	21	1
Kans. ....	17	2	4	2	51	-	6	4	-	-	13	1
W. N. Cent.	52.5	21.8	1.4	.2	5.3	-	2.2	1.6	-	-	14.2	.8
Del. ....	35	4	11	-	-	-	3	-	-	-	45	2
Md. ....	44	6	11	-	-	1	7	2	-	1	26	2
Va. ....	32	3	6	-	1	1	4	1	-	-	45	7
W. Va. ....	37	7	5	-	-	-	3	-	-	-	46	2
N. C. ....	34	3	1	-	-	2	8	1	-	-	50	1
S. C. ....	33	4	2	-	-	3	4	-	-	3	51	-
Ga. ....	22	1	-	-	-	3	3	1	-	7	62	1
Fla. ....	10	-	-	-	-	2	2	2	-	19	64	1
S. Atl. ....	27.2	2.6	3.4	-	.2	1.8	4.4	1.3	-	6.4	50.5	2.2
Ky. ....	68	2	1	-	-	1	2	1	-	-	24	1
Tenn. ....	28	2	-	-	-	1	1	1	-	-	66	1
Ala. ....	33	2	-	-	-	4	5	1	-	2	53	-
Miss. ....	27	1	-	-	-	3	2	1	-	-	60	6
Ark. ....	6	-	-	-	2	1	1	3	-	-	87	-
Ia. ....	12	1	-	-	2	2	3	2	-	-	77	1
Okla. ....	5	5	10	-	22	4	3	3	-	-	44	4
Texas ....	5	4	-	-	30	4	1	3	-	-	50	3
S. Cent. ...	24.6	2.5	1.3	-	10.0	2.5	1.9	1.9	-	.1	53.0	2.2
Mont. ....	-	13	40	1	-	-	-	2	3	-	37	4
Idaho ....	5	8	36	4	-	-	-	1	6	-	23	17
Wyo. ....	-	9	62	5	-	-	-	-	1	-	23	-
Colo. ....	21	2	12	5	4	-	-	1	4	-	49	2
N. Mex. ....	2	2	4	-	30	-	-	2	-	-	52	8
Ariz. ....	1	-	15	-	6	-	-	2	3	-	72	1
Utah ....	3	1	51	4	-	-	-	1	8	-	32	-
Nev. ....	-	-	31	1	-	-	-	-	-	-	68	-
Wash. ....	-	2	2	-	-	-	-	2	2	-	88	4
Oreg. ....	1	4	4	1	-	-	-	-	-	-	88	2
Calif. ....	1	-	3	-	1	-	1	1	1	-	90	2
West. ....	2.4	1.6	10.0	.9	1.6	-	.6	1.1	2.0	-	76.4	3.4
U. S. ....	37.4	12.2	2.4	.5	2.6	.5	2.4	1.4	.5	.7	36.6	2.8

1/ Based on reports of rations fed on May 1 and November 1.



Table 7.-Home-grown feed as percentage of total for kinds fed to milk cows by dairy reporters, by States, 1967 and 1968 1/

State and division	Total concentrate ration		Corn		Oats		Barley	
	1967	1968	1967	1968	1967	1968	1967	1968
	----- Percent -----							
Maine .....	-	-	-	-	-	30	--	-
N. H. ....	-	-	-	-	-	-	-	-
Vt. ....	-	-	-	-	25	22	-	-
Mass. ....	-	-	-	-	-	-	-	-
R. I. ....	-	-	-	-	-	-	-	-
Conn. ....	-	-	18	10	-	-	-	-
N. Y. ....	17	18	56	58	81	89	86	-
N. J. ....	23	24	77	82	34	62	91	79
Pa. ....	30	48	62	85	67	78	87	92
W. Atl. ....	18.0	25.1	60.2	75.0	73.2	81.8	87.2	90.8
Ohio .....	64	68	78	81	88	86	-	89
Ind. ....	71	70	84	85	82	74	-	100
Ill. ....	75	75	89	90	86	84	-	-
Mich. ....	69	73	75	80	84	84	64	69
Wis. ....	63	58	72	66	83	82	72	75
E. N. Cent. ....	65.7	64.1	76.7	75.2	83.7	82.5	70.3	78.3
Minn. ....	77	78	90	88	89	91	-	-
Iowa .....	77	75	85	86	87	84	-	-
Mo. ....	33	34	66	62	56	73	-	56
N. Dak. ....	81	70	65	70	85	78	87	88
S. Dak. ....	73	66	78	76	80	78	60	55
Nebr. ....	68	58	84	79	86	76	-	-
Kans. ....	47	45	61	51	46	45	34	32
W. N. Cent. ....	68.2	66.5	83.9	82.1	86.0	85.6	69.0	61.3
Del. ....	37	36	70	75	80	79	60	60
Md. ....	38	46	59	75	48	57	69	80
Va. ....	26	27	43	50	70	79	89	91
W. Va. ....	20	22	40	43	40	41	62	70
N. C. ....	19	21	48	53	72	70	65	70
S. C. ....	21	20	52	50	65	60	85	77
Ga. ....	13	11	47	43	86	65	-	-
Fla. ....	2	2	25	25	-	-	-	-
S. Atl. ....	18.4	19.8	47.5	53.9	62.8	63.0	74.6	81.3
Ky. ....	43	50	67	70	55	58	59	91
Tenn. ....	24	19	68	63	75	71	-	-
Ala. ....	11	12	28	35	23	30	-	-
Miss. ....	17	17	61	57	35	38	-	-
Ark. ....	4	2	25	28	30	-	-	-
La. ....	2	3	18	22	20	20	-	-
Okla. ....	13	13	19	20	31	29	32	48
Texas ....	3	6	12	8	20	25	-	-
S. Cent. ....	16.4	17.8	56.9	57.3	35.4	37.1	38.6	54.1
Mont. ....	27	22	-	-	44	58	45	34
Idaho ....	46	45	82	79	78	76	49	59
Wyo. ....	34	37	-	-	50	60	45	46
Colo. ....	15	16	46	32	42	44	23	48
N. Mex. ....	4	5	44	36	-	-	-	40
Ariz. ....	10	9	-	-	-	-	51	46
Utah ....	30	29	50	7	63	60	51	51
Nev. ....	19	19	-	-	-	-	60	58
Wash. ....	3	3	-	-	48	66	30	29
Oreg. ....	7	5	-	46	50	50	50	38
Calif. ....	1	-	18	15	-	-	6	5
West. ....	8.5	7.2	35.1	34.1	57.6	62.7	38.7	42.6
U. S. ....	40.5	40.8	73.9	74.0	80.7	81.7	56.7	59.3

1/ Based on reports of rations fed on May 1 and November 1. For corn, oats and barley, figures are shown only for States where that kind of grain was reported fed to milk cows.

Table 8.--Value per 100 pounds of concentrate ration fed to milk cows, by States and months, 1967 1/ 2/

State and division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	D o l l a r s												
Maine .....	4.16	4.16	4.12	4.04	3.96	3.94	3.92	3.88	3.86	3.88	3.96	4.00	3.99
N. H. ....	4.04	4.00	3.98	3.96	3.88	3.88	3.86	3.84	3.82	3.84	3.86	3.88	3.90
Vt. ....	4.04	4.04	4.02	4.00	3.96	3.92	3.88	3.84	3.82	3.80	3.80	3.82	3.91
Mass. ....	4.04	4.00	3.96	3.94	3.90	3.88	3.84	3.80	3.78	3.80	3.82	3.84	3.88
R. I. ....	4.04	4.02	4.00	3.98	3.96	3.92	3.88	3.84	3.84	3.86	3.86	3.86	3.92
Conn. ....	4.12	4.12	4.04	4.00	3.92	3.90	3.88	3.86	3.84	3.82	3.82	3.84	3.93
N. Y. ....	3.92	3.92	3.88	3.86	3.82	3.80	3.76	3.72	3.70	3.68	3.68	3.70	3.79
N. J. ....	4.00	3.98	3.96	3.92	3.88	3.84	3.82	3.80	3.76	3.74	3.74	3.76	3.85
Pa. ....	3.78	3.78	3.76	3.76	3.74	3.73	3.71	3.70	3.69	3.66	3.59	3.53	3.70
N. Atl. ....	3.91	3.90	3.87	3.86	3.82	3.80	3.77	3.74	3.72	3.70	3.68	3.68	3.79
Ohio ....	3.16	3.18	3.19	3.19	3.18	3.16	3.14	3.10	3.04	2.98	2.96	3.00	3.11
Ind. ....	3.08	3.12	3.08	3.04	3.02	2.98	2.96	2.90	2.86	2.82	2.80	2.86	2.96
Ill. ....	2.96	2.94	2.90	2.88	2.84	2.80	2.78	2.76	2.74	2.70	2.66	2.68	2.80
Mich. ....	3.18	3.16	3.14	3.12	3.10	3.08	3.06	3.04	3.02	3.00	2.98	2.98	3.07
Wis. ....	3.02	3.06	3.08	3.08	3.08	3.08	3.08	3.06	3.04	3.02	3.00	3.00	3.05
E. N. Cent.	3.06	3.08	3.09	3.08	3.07	3.06	3.05	3.02	2.99	2.96	2.94	2.95	3.03
Minn. ....	2.78	2.82	2.82	2.81	2.80	2.77	2.73	2.69	2.68	2.68	2.68	2.68	2.74
Iowa ....	2.66	2.64	2.62	2.60	2.58	2.56	2.54	2.50	2.46	2.42	2.36	2.40	2.53
Mo. ....	3.08	3.10	3.10	3.10	3.08	3.06	3.05	3.00	2.96	2.92	2.89	2.91	3.02
N. Dak. ....	1.96	1.96	1.96	1.94	1.94	1.94	1.94	1.94	1.93	1.92	1.92	1.96	1.94
S. Dak. ....	2.36	2.38	2.40	2.42	2.44	2.46	2.44	2.38	2.36	2.34	2.32	2.34	2.39
Nebr. ....	2.64	2.68	2.72	2.74	2.74	2.74	2.74	2.72	2.64	2.56	2.48	2.54	2.66
Kans. ....	2.75	2.76	2.77	2.78	2.80	2.82	2.82	2.78	2.72	2.66	2.60	2.64	2.74
W. N. Cent.	2.72	2.73	2.73	2.73	2.72	2.70	2.68	2.64	2.61	2.59	2.56	2.58	2.67
Del. ....	3.76	3.76	3.74	3.72	3.70	3.68	3.68	3.66	3.64	3.60	3.60	3.58	3.68
Md. ....	3.76	3.74	3.72	3.70	3.70	3.68	3.68	3.66	3.64	3.62	3.60	3.64	3.68
Va. ....	3.80	3.84	3.84	3.84	3.82	3.80	3.80	3.78	3.76	3.72	3.68	3.70	3.78
W. Va. ....	4.00	4.04	4.00	3.92	3.88	3.86	3.84	3.80	3.78	3.76	3.76	3.78	3.87
N. C. ....	3.80	3.80	3.76	3.72	3.68	3.68	3.68	3.64	3.59	3.52	3.50	3.53	3.66
S. C. ....	3.70	3.74	3.72	3.72	3.70	3.70	3.68	3.66	3.62	3.58	3.52	3.52	3.66
Ge. ....	3.76	3.80	3.78	3.76	3.72	3.68	3.66	3.64	3.60	3.58	3.52	3.54	3.67
Fla. ....	3.46	3.50	3.50	3.50	3.49	3.48	3.46	3.44	3.44	3.43	3.42	3.41	3.46
S. Atl. ....	3.70	3.72	3.71	3.69	3.67	3.65	3.64	3.62	3.60	3.57	3.54	3.55	3.64
Ky. ....	3.48	3.50	3.50	3.48	3.44	3.42	3.40	3.38	3.34	3.32	3.28	3.30	3.40
Tenn. ....	3.48	3.54	3.54	3.52	3.52	3.52	3.52	3.52	3.48	3.44	3.44	3.46	3.50
Ala. ....	3.60	3.58	3.56	3.52	3.50	3.52	3.52	3.48	3.44	3.40	3.34	3.36	3.48
Miss. ....	3.44	3.48	3.48	3.48	3.48	3.48	3.48	3.44	3.40	3.36	3.36	3.40	3.45
Ark. ....	3.40	3.40	3.40	3.40	3.38	3.38	3.38	3.36	3.32	3.31	3.30	3.28	3.36
La. ....	3.64	3.62	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
Okla. ....	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.16	3.12	3.10	3.08	3.10	3.15
Texas ....	3.30	3.30	3.28	3.26	3.26	3.26	3.24	3.24	3.22	3.22	3.18	3.20	3.25
S. Cent. ....	3.42	3.43	3.42	3.41	3.40	3.40	3.39	3.38	3.35	3.33	3.30	3.32	3.38
Mont. ....	2.60	2.62	2.62	2.62	2.62	2.62	2.64	2.64	2.62	2.60	2.62	2.64	2.62
Idaho ....	2.78	2.82	2.86	2.90	2.92	2.92	2.90	2.90	2.86	2.80	2.76	2.74	2.85
Wyo. ....	2.74	2.76	2.78	2.80	2.82	2.82	2.84	2.80	2.76	2.72	2.70	2.72	2.77
Colo. ....	3.02	3.06	3.10	3.14	3.16	3.18	3.18	3.16	3.08	2.92	2.84	2.86	3.06
N. Mex. ....	3.40	3.38	3.36	3.35	3.36	3.38	3.40	3.34	3.28	3.24	3.20	3.22	3.33
Ariz. ....	3.56	3.52	3.53	3.53	3.52	3.50	3.48	3.46	3.44	3.42	3.40	3.40	3.48
Utah ....	3.10	3.10	3.06	3.04	3.02	3.02	3.00	2.98	2.94	2.90	2.88	2.90	3.00
Nev. ....	3.40	3.40	3.40	3.40	3.40	3.38	3.36	3.34	3.32	3.32	3.32	3.33	3.36
Wash. ....	3.44	3.42	3.46	3.46	3.46	3.45	3.44	3.43	3.42	3.40	3.38	3.37	3.43
Oreg. ....	3.60	3.60	3.60	3.62	3.64	3.60	3.60	3.55	3.55	3.52	3.50	3.48	3.57
Calif. ....	3.40	3.44	3.44	3.40	3.37	3.34	3.33	3.30	3.30	3.30	3.30	3.30	3.35
West. ....	3.31	3.34	3.35	3.33	3.31	3.30	3.29	3.26	3.25	3.23	3.21	3.21	3.28
U. S. ....	3.28	3.29	3.28	3.27	3.26	3.24	3.23	3.20	3.17	3.15	3.12	3.14	3.22

1/ Estimates of ration values are based on quarterly reports from dairy correspondents on value per 100 pounds of concentrate ration being fed, with intervening months interpolated on basis of monthly reports in a few States, and changes in prices of feeds usually included in the ration.

2/ Revised.

Table 9.--Value per 100 pounds of concentrate ration fed to milk cows, by States and months, 1968 1/

State and division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	D o l l a r s												
Maine .....	4.04	4.02	4.00	3.96	3.92	3.88	3.80	3.80	3.80	3.80	3.82	3.83	3.89
N. H. ....	3.88	3.86	3.85	3.84	3.83	3.82	3.80	3.78	3.76	3.75	3.75	3.76	3.81
Vt. ....	3.82	3.80	3.80	3.78	3.77	3.76	3.74	3.72	3.68	3.68	3.68	3.70	3.74
Mass. ....	3.90	3.96	3.92	3.88	3.82	3.76	3.72	3.68	3.70	3.72	3.74	3.74	3.80
R. I. ....	3.86	3.88	3.84	3.80	3.76	3.72	3.68	3.68	3.70	3.74	3.74	3.72	3.76
Conn. ....	3.86	3.84	3.80	3.76	3.72	3.72	3.72	3.74	3.76	3.80	3.78	3.76	3.77
N. Y. ....	3.68	3.68	3.68	3.68	3.66	3.64	3.62	3.60	3.61	3.62	3.63	3.64	3.64
N. J. ....	3.78	3.75	3.69	3.72	3.72	3.70	3.71	3.67	3.63	3.60	3.67	3.66	3.69
Pa. ....	3.54	3.56	3.54	3.52	3.52	3.48	3.44	3.40	3.43	3.48	3.50	3.50	3.49
N. Atl. ...	3.67	3.68	3.67	3.65	3.64	3.61	3.59	3.56	3.57	3.59	3.61	3.61	3.62
Ohio ....	3.02	3.04	3.06	3.06	3.05	3.05	3.04	3.00	2.98	2.96	2.95	2.98	3.02
Ind. ....	2.92	2.92	2.90	2.88	2.88	2.86	2.86	2.84	2.82	2.80	2.80	2.82	2.86
Ill. ....	2.64	2.60	2.56	2.52	2.48	2.48	2.50	2.50	2.48	2.46	2.54	2.58	2.53
Mich. ....	2.92	2.84	2.80	2.74	2.74	2.72	2.72	2.70	2.70	2.70	2.70	2.73	2.75
Wis. ....	2.96	2.96	2.98	2.98	2.99	3.00	2.99	2.98	2.96	2.94	2.94	2.94	2.97
E. N. Cent.	2.93	2.92	2.92	2.90	2.90	2.90	2.90	2.88	2.87	2.85	2.86	2.87	2.89
Minn. ....	2.68	2.68	2.70	2.74	2.77	2.78	2.72	2.68	2.64	2.60	2.60	2.64	2.69
Iowa ....	2.42	2.46	2.50	2.52	2.52	2.50	2.46	2.44	2.42	2.40	2.38	2.42	2.45
Mo. ....	2.94	2.96	2.98	3.00	3.00	2.98	2.94	2.92	2.90	2.88	2.90	2.94	2.94
N. Dak. ....	1.96	1.98	1.98	1.96	1.94	1.90	1.86	1.82	1.78	1.77	1.80	1.84	1.88
S. Dak. ....	2.34	2.36	2.37	2.40	2.41	2.38	2.32	2.26	2.20	2.22	2.25	2.25	2.31
Nebr. ....	2.58	2.58	2.57	2.56	2.56	2.54	2.52	2.50	2.48	2.44	2.40	2.46	2.52
Kans. ....	2.67	2.72	2.74	2.74	2.72	2.68	2.66	2.64	2.56	2.48	2.50	2.52	2.64
W. N. Cent.	2.60	2.61	2.63	2.66	2.67	2.66	2.61	2.58	2.54	2.51	2.51	2.55	2.59
Del. ....	3.59	3.59	3.58	3.57	3.56	3.54	3.52	3.46	3.44	3.43	3.42	3.48	3.52
Md. ....	3.56	3.54	3.54	3.56	3.54	3.51	3.50	3.50	3.50	3.52	3.52	3.56	3.53
Va. ....	3.72	3.72	3.72	3.72	3.70	3.68	3.67	3.66	3.64	3.62	3.60	3.64	3.67
W. Va. ....	3.80	3.84	3.86	3.88	3.92	3.84	3.76	3.72	3.68	3.68	3.68	3.72	3.78
N. C. ....	3.56	3.58	3.60	3.61	3.60	3.59	3.58	3.54	3.52	3.50	3.52	3.60	3.57
S. C. ....	3.50	3.48	3.49	3.49	3.50	3.46	3.45	3.44	3.42	3.40	3.40	3.44	3.46
Ga. ....	3.56	3.58	3.58	3.58	3.56	3.54	3.52	3.50	3.48	3.46	3.45	3.46	3.52
Fla. ....	3.38	3.28	3.20	3.14	3.10	3.07	3.01	2.98	2.96	2.94	2.92	2.94	3.08
S. Atl. ...	3.54	3.52	3.50	3.49	3.47	3.44	3.42	3.40	3.38	3.36	3.36	3.39	3.44
Ky. ....	3.30	3.30	3.28	3.25	3.21	3.19	3.18	3.16	3.15	3.14	3.15	3.18	3.21
Tenn. ....	3.47	3.48	3.46	3.44	3.40	3.37	3.34	3.32	3.28	3.27	3.31	3.35	3.37
Ala. ....	3.38	3.42	3.44	3.43	3.40	3.36	3.32	3.27	3.26	3.28	3.34	3.40	3.36
Miss. ....	3.44	3.46	3.42	3.38	3.37	3.40	3.40	3.40	3.36	3.32	3.34	3.36	3.39
Ark. ....	3.28	3.30	3.32	3.33	3.34	3.33	3.32	3.30	3.28	3.26	3.24	3.26	3.30
La. ....	3.60	3.58	3.56	3.54	3.52	3.52	3.51	3.50	3.48	3.44	3.42	3.44	3.51
Okla. ....	3.12	3.14	3.12	3.12	3.10	3.08	3.06	3.04	3.02	3.00	3.00	3.02	3.07
Texas ....	3.22	3.23	3.24	3.23	3.22	3.21	3.20	3.16	3.10	3.11	3.12	3.14	3.18
S. Cent. ...	3.33	3.34	3.33	3.32	3.29	3.28	3.27	3.24	3.21	3.20	3.21	3.24	3.27
Mont. ....	2.68	2.70	2.68	2.64	2.60	2.58	2.56	2.52	2.50	2.48	2.48	2.49	2.58
Idaho ....	2.73	2.75	2.78	2.79	2.78	2.76	2.73	2.69	2.67	2.65	2.65	2.66	2.72
Wyo. ....	2.74	2.78	2.79	2.78	2.77	2.74	2.68	2.62	2.56	2.55	2.55	2.57	2.68
Colo. ....	2.90	2.92	2.93	2.94	2.93	2.92	2.91	2.90	2.86	2.83	2.80	2.82	2.89
N. Mex. ....	3.24	3.26	3.26	3.25	3.24	3.22	3.19	3.16	3.14	3.13	3.12	3.14	3.20
Ariz. ....	3.38	3.36	3.37	3.34	3.30	3.27	3.27	3.23	3.22	3.22	3.22	3.24	3.28
Utah ....	2.91	2.94	2.95	2.96	2.96	2.94	2.92	2.90	2.87	2.85	2.85	2.86	2.91
Nev. ....	3.34	3.36	3.37	3.38	3.37	3.35	3.34	3.32	3.30	3.27	3.25	3.23	3.32
Wash. ....	3.36	3.36	3.36	3.36	3.36	3.35	3.34	3.30	3.31	3.34	3.35	3.36	3.35
Oreg. ....	3.48	3.47	3.46	3.45	3.44	3.42	3.42	3.41	3.41	3.40	3.39	3.38	3.43
Calif. ....	3.29	3.32	3.34	3.34	3.32	3.28	3.20	3.18	3.18	3.19	3.20	3.20	3.25
West. ....	3.21	3.23	3.25	3.25	3.23	3.20	3.15	3.12	3.12	3.12	3.13	3.13	3.18
U. S. ....	3.14	3.14	3.14	3.14	3.13	3.11	3.09	3.06	3.05	3.04	3.05	3.06	3.10

See footnote 1/ on page 10.

Table 10.--Milk-feed price ratios, by States and months, 1967 1/ 2/

State and division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
----- D o l l a r s -----													
Maine .....	1.48	1.48	1.43	1.39	1.44	1.41	1.48	1.56	1.62	1.65	1.63	1.56	1.51
N. H. ....	1.51	1.51	1.48	1.39	1.42	1.39	1.52	1.64	1.69	1.69	1.68	1.60	1.54
Vt. ....	1.41	1.41	1.36	1.26	1.26	1.24	1.38	1.52	1.57	1.62	1.61	1.53	1.43
Mass. ....	1.53	1.55	1.53	1.43	1.45	1.40	1.54	1.67	1.72	1.72	1.73	1.64	1.58
R. I. ....	1.53	1.53	1.51	1.41	1.40	1.38	1.52	1.65	1.69	1.70	1.71	1.65	1.56
Conn. ....	1.57	1.55	1.53	1.42	1.47	1.44	1.57	1.71	1.77	1.79	1.78	1.68	1.61
N. Y. ....	1.35	1.33	1.29	1.21	1.19	1.19	1.35	1.48	1.54	1.57	1.55	1.46	1.38
N. J. ....	1.42	1.40	1.38	1.29	1.31	1.29	1.43	1.53	1.61	1.63	1.61	1.57	1.46
Pa. ....	1.51	1.49	1.46	1.38	1.43	1.43	1.51	1.55	1.60	1.63	1.69	1.73	1.53
N. Atl. ...	1.42	1.41	1.38	1.29	1.30	1.29	1.42	1.53	1.58	1.61	1.62	1.57	1.45
Ohio ....	1.75	1.74	1.72	1.61	1.59	1.55	1.59	1.71	1.86	1.94	2.00	1.95	1.75
Ind. ....	1.70	1.70	1.69	1.58	1.57	1.54	1.59	1.74	1.94	2.00	2.07	2.01	1.76
Ill. ....	1.66	1.63	1.60	1.58	1.60	1.59	1.60	1.63	1.75	1.83	1.90	1.87	1.69
Mich. ....	1.67	1.69	1.70	1.65	1.66	1.61	1.65	1.69	1.75	1.80	1.85	1.85	1.71
Wis. ....	1.48	1.43	1.40	1.37	1.37	1.36	1.36	1.38	1.45	1.49	1.51	1.51	1.43
E. N. Cent.	1.58	1.55	1.52	1.48	1.48	1.45	1.47	1.52	1.63	1.67	1.71	1.69	1.56
Minn. ....	1.51	1.47	1.46	1.45	1.45	1.45	1.48	1.52	1.56	1.58	1.58	1.57	1.51
Iowa ....	1.67	1.64	1.62	1.60	1.61	1.58	1.61	1.65	1.72	1.79	1.87	1.85	1.68
Mo. ....	1.57	1.53	1.47	1.39	1.41	1.39	1.39	1.45	1.55	1.64	1.71	1.70	1.52
N. Dak. ....	2.17	2.14	2.12	2.11	2.09	2.01	2.01	2.09	2.15	2.21	2.21	2.14	2.12
S. Dak. ....	1.82	1.76	1.73	1.69	1.66	1.61	1.64	1.70	1.76	1.79	1.85	1.82	1.74
Nebr. ....	1.76	1.72	1.64	1.51	1.51	1.50	1.53	1.58	1.76	1.86	1.96	1.83	1.68
Kans. ....	1.87	1.83	1.77	1.65	1.66	1.63	1.65	1.69	1.82	1.97	2.02	1.99	1.80
W. N. Cent.	1.62	1.59	1.56	1.53	1.53	1.51	1.54	1.59	1.67	1.71	1.75	1.72	1.61
Del. ....	1.60	1.60	1.58	1.47	1.58	1.56	1.56	1.61	1.65	1.68	1.71	1.70	1.61
Md. ....	1.60	1.60	1.60	1.47	1.54	1.54	1.52	1.56	1.63	1.67	1.74	1.69	1.60
Va. ....	1.61	1.59	1.56	1.45	1.45	1.45	1.43	1.47	1.53	1.60	1.67	1.68	1.54
W. Va. ....	1.48	1.46	1.45	1.42	1.39	1.37	1.41	1.46	1.57	1.62	1.64	1.63	1.49
N. C. ....	1.74	1.74	1.72	1.67	1.71	1.65	1.66	1.69	1.82	1.88	1.91	1.86	1.75
S. C. ....	1.82	1.76	1.69	1.68	1.73	1.68	1.71	1.73	1.85	1.93	1.96	1.92	1.79
Ga. ....	1.80	1.74	1.68	1.68	1.73	1.70	1.69	1.73	1.83	1.84	1.89	1.81	1.76
Fla. ....	2.04	1.99	1.93	1.90	1.88	1.84	1.91	1.93	2.01	2.00	2.03	2.01	1.96
S. Atl. ...	1.75	1.73	1.69	1.62	1.65	1.62	1.63	1.66	1.75	1.79	1.84	1.81	1.71
Ky. ....	1.52	1.46	1.41	1.28	1.31	1.30	1.32	1.38	1.51	1.60	1.68	1.68	1.45
Tenn. ....	1.64	1.55	1.48	1.41	1.41	1.38	1.38	1.41	1.51	1.60	1.64	1.65	1.50
Ala. ....	1.69	1.66	1.70	1.73	1.77	1.78	1.76	1.81	1.89	1.93	1.96	1.93	1.80
Miss. ....	1.82	1.77	1.68	1.57	1.59	1.57	1.57	1.61	1.72	1.81	1.85	1.78	1.70
Ark. ....	1.69	1.65	1.50	1.50	1.48	1.46	1.46	1.52	1.70	1.74	1.82	1.81	1.61
La. ....	1.83	1.82	1.74	1.69	1.78	1.76	1.76	1.78	1.89	1.89	1.90	1.79	1.80
Okla. ....	1.75	1.67	1.64	1.54	1.56	1.54	1.56	1.63	1.81	1.77	1.82	1.81	1.68
Texas ....	1.94	1.91	1.77	1.73	1.73	1.72	1.74	1.79	1.94	1.97	2.04	2.00	1.86
S. Cent. ...	1.74	1.69	1.62	1.53	1.54	1.52	1.53	1.58	1.72	1.77	1.84	1.81	1.66
Mont. ....	2.00	1.95	1.93	1.87	1.81	1.77	1.80	1.89	1.97	2.02	2.04	2.03	1.92
Idaho ....	1.58	1.52	1.49	1.45	1.40	1.39	1.38	1.40	1.45	1.54	1.58	1.61	1.48
Wyo. ....	1.90	1.83	1.80	1.73	1.68	1.63	1.64	1.70	1.79	1.88	1.93	1.95	1.79
Colo. ....	1.97	1.90	1.79	1.74	1.71	1.68	1.68	1.76	1.88	2.02	2.11	2.10	1.86
N. Mex. ....	1.82	1.80	1.68	1.63	1.68	1.63	1.60	1.69	1.80	1.82	1.88	1.88	1.74
Ariz. ....	1.74	1.73	1.64	1.54	1.58	1.56	1.64	1.71	1.79	1.78	1.81	1.82	1.70
Utah ....	1.66	1.63	1.60	1.56	1.56	1.52	1.53	1.58	1.67	1.72	1.77	1.79	1.63
Nev. ....	1.75	1.68	1.60	1.59	1.57	1.52	1.59	1.62	1.66	1.72	1.75	1.79	1.65
Wash. ....	1.56	1.55	1.50	1.47	1.43	1.42	1.45	1.49	1.52	1.60	1.63	1.66	1.52
Oreg. ....	1.58	1.54	1.50	1.45	1.39	1.38	1.42	1.48	1.55	1.61	1.64	1.67	1.52
Calif. ....	1.49	1.46	1.42	1.43	1.39	1.40	1.39	1.42	1.45	1.49	1.51	1.59	1.45
West. ....	1.57	1.54	1.49	1.47	1.44	1.43	1.44	1.48	1.53	1.58	1.61	1.67	1.52
U. S. ....	1.58	1.55	1.52	1.46	1.46	1.44	1.48	1.55	1.64	1.68	1.72	1.69	1.56

1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers. Obtained by dividing the price per 100 pounds received by farmers for milk (as published in the report, Agricultural Prices) by the value per 100 pounds of concentrate rations fed to milk cows.  
2/ Revised.

Table 11.-Milk-feed price ratios, by States and months, 1968 1/

State and division	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Maine .....	1.56	1.55	1.54	1.50	1.54	1.53	1.64	1.71	1.75	1.84	1.82	1.72	1.64
N. H. ....	1.61	1.59	1.53	1.50	1.49	1.47	1.61	1.72	1.81	1.84	1.83	1.76	1.65
Vt. ....	1.58	1.55	1.49	1.44	1.42	1.40	1.54	1.65	1.74	1.79	1.77	1.68	1.59
Mass. ....	1.60	1.58	1.54	1.52	1.52	1.50	1.65	1.79	1.85	1.90	1.86	1.79	1.68
R. I. ....	1.65	1.65	1.59	1.57	1.56	1.52	1.68	1.79	1.84	1.87	1.86	1.79	1.70
Conn. ....	1.67	1.67	1.62	1.60	1.61	1.57	1.72	1.83	1.90	1.93	1.92	1.82	1.74
N. Y. ....	1.45	1.45	1.40	1.36	1.35	1.35	1.53	1.65	1.72	1.75	1.72	1.65	1.53
N. J. ....	1.52	1.55	1.53	1.47	1.46	1.45	1.56	1.69	1.77	1.82	1.78	1.73	1.61
Pa. ....	1.67	1.64	1.61	1.61	1.62	1.59	1.66	1.75	1.79	1.82	1.84	1.80	1.70
N. Atl. ....	1.55	1.54	1.49	1.47	1.46	1.45	1.59	1.70	1.76	1.80	1.78	1.71	1.61
Ohio ....	1.91	1.88	1.83	1.77	1.73	1.69	1.74	1.83	1.92	2.00	2.06	2.04	1.87
Ind. ....	1.87	1.87	1.84	1.77	1.75	1.75	1.78	1.88	2.00	2.09	2.11	2.07	1.90
Ill. ....	1.86	1.85	1.84	1.87	1.90	1.83	1.88	1.92	2.06	2.11	2.11	2.05	1.94
Mich. ....	1.92	1.97	1.98	1.99	1.99	1.91	1.95	2.00	2.02	2.07	2.13	2.09	2.00
Wis. ....	1.52	1.50	1.47	1.51	1.51	1.49	1.49	1.52	1.58	1.64	1.66	1.65	1.54
E. N. Cent.	1.69	1.67	1.65	1.66	1.65	1.62	1.64	1.69	1.77	1.83	1.85	1.83	1.71
Minn. ....	1.54	1.53	1.50	1.56	1.54	1.53	1.58	1.63	1.69	1.76	1.74	1.71	1.61
Iowa ....	1.82	1.75	1.71	1.72	1.72	1.70	1.75	1.80	1.90	1.95	2.01	1.96	1.82
Mo. ....	1.68	1.64	1.54	1.52	1.48	1.48	1.55	1.58	1.71	1.81	1.84	1.82	1.64
N. Dak. ....	2.17	2.10	2.07	2.12	2.11	2.16	2.23	2.36	2.50	2.57	2.53	2.47	2.28
S. Dak. ....	1.84	1.80	1.75	1.79	1.76	1.74	1.81	1.90	2.07	2.09	2.09	2.07	1.89
Nebr. ....	1.80	1.78	1.73	1.70	1.70	1.65	1.75	1.82	1.96	2.05	2.10	1.99	1.84
Kans. ....	1.99	1.91	1.86	1.82	1.86	1.85	1.88	1.93	2.07	2.18	2.22	2.20	1.98
W. N. Cent.	1.69	1.66	1.62	1.65	1.63	1.62	1.68	1.73	1.84	1.90	1.91	1.87	1.73
Del. ....	1.67	1.67	1.63	1.62	1.66	1.62	1.68	1.73	1.80	1.87	1.90	1.84	1.72
Md. ....	1.76	1.75	1.72	1.66	1.68	1.65	1.66	1.69	1.76	1.84	1.86	1.83	1.74
Va. ....	1.68	1.69	1.65	1.57	1.55	1.52	1.54	1.57	1.63	1.73	1.79	1.76	1.64
W. Va. ....	1.63	1.60	1.55	1.48	1.44	1.45	1.50	1.55	1.64	1.70	1.74	1.72	1.58
N. C. ....	1.90	1.89	1.85	1.77	1.78	1.72	1.75	1.82	1.88	1.95	1.97	1.88	1.85
S. C. ....	1.99	1.95	1.93	1.86	1.89	1.88	1.91	1.93	2.00	2.09	2.12	2.03	1.96
Ge. ....	1.78	1.83	1.79	1.76	1.80	1.75	1.79	1.84	1.87	1.94	1.97	1.92	1.84
Fla. ....	2.06	2.10	2.14	2.10	2.15	2.15	2.31	2.40	2.43	2.50	2.53	2.50	2.28
S. Atl. ....	1.84	1.86	1.83	1.77	1.78	1.76	1.80	1.85	1.91	1.99	2.03	1.99	1.87
Ky. ....	1.62	1.56	1.52	1.43	1.43	1.41	1.43	1.52	1.62	1.75	1.83	1.82	1.58
Tenn. ....	1.67	1.64	1.60	1.51	1.51	1.50	1.53	1.57	1.66	1.76	1.78	1.78	1.63
Ala. ....	2.04	2.00	1.98	1.97	1.99	1.99	2.03	2.08	2.12	2.13	2.11	2.03	2.04
Miss. ....	1.80	1.76	1.75	1.70	1.71	1.65	1.66	1.71	1.80	1.93	1.95	1.90	1.78
Ark. ....	1.83	1.76	1.67	1.61	1.62	1.59	1.63	1.64	1.72	1.79	1.90	1.86	1.72
La. ....	1.85	1.86	1.81	1.77	1.85	1.82	1.84	1.93	1.97	2.05	2.05	1.99	1.90
Okla. ....	1.84	1.72	1.75	1.70	1.71	1.72	1.75	1.81	1.90	1.98	2.00	1.95	1.82
Texas ....	1.97	1.95	1.90	1.84	1.88	1.87	1.91	2.01	2.13	2.19	2.23	2.17	2.00
S. Cent. ...	1.82	1.78	1.74	1.66	1.68	1.66	1.68	1.75	1.85	1.94	1.99	1.95	1.79
Mont. ....	2.03	1.98	1.94	1.99	1.94	1.90	1.95	2.18	2.18	2.28	2.38	2.31	2.09
Idaho ....	1.59	1.55	1.49	1.54	1.51	1.50	1.52	1.56	1.65	1.70	1.74	1.75	1.59
Wyo. ....	1.92	1.85	1.81	1.82	1.81	1.77	1.83	1.93	2.03	2.10	2.16	2.12	1.93
Colo. ....	2.07	2.02	1.98	1.96	1.98	1.93	1.94	2.03	2.12	2.19	2.23	2.20	2.05
N. Mex. ....	1.87	1.81	1.78	1.74	1.74	1.69	1.76	1.79	1.88	1.92	2.02	2.04	1.84
Ariz. ....	1.83	1.80	1.78	1.77	1.86	1.83	1.91	2.01	2.02	2.03	2.02	1.98	1.90
Utah ....	1.77	1.72	1.68	1.66	1.66	1.60	1.63	1.69	1.78	1.82	1.88	1.85	1.73
Nev. ....	1.81	1.77	1.69	1.64	1.60	1.60	1.60	1.64	1.68	1.73	1.77	1.81	1.70
Wash. ....	1.65	1.64	1.61	1.61	1.56	1.58	1.60	1.65	1.69	1.71	1.73	1.70	1.64
Oreg. ....	1.61	1.57	1.53	1.51	1.50	1.51	1.51	1.55	1.63	1.66	1.71	1.75	1.59
Calif. ....	1.60	1.54	1.50	1.48	1.47	1.48	1.50	1.53	1.57	1.60	1.62	1.64	1.54
West. ....	1.66	1.61	1.57	1.55	1.54	1.54	1.57	1.61	1.66	1.70	1.72	1.73	1.62
U. S. ....	1.67	1.65	1.62	1.60	1.60	1.58	1.64	1.71	1.79	1.85	1.86	1.82	1.70

See footnote 1/ on page 12.





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