

MILK PRODUCTION

ALBERT R. MANN
LIBRARY

September 11, 1959

SUMMARY SEP 16 1959

HD
9275
16
A2

United States milk production declined seasonally during August and was below a year earlier for the eighth straight month. August production, estimated at 10,335 million pounds, was 1 percent below August 1958. Production in the first 8 months of 1959 totaled 87.2 billion pounds, about 0.8 billion pounds or 1 percent below the January-August 1958 output. Milk production per cow in crop reporters' herds continued to set new record highs, averaging 19.53 pounds on September 1, or 2 percent above last year's previous high. The proportion of the cows milked on September 1 averaged 72.0 percent, slightly above both a year earlier and the average for the date. Condition of dairy pastures in the United States was reported as 79 percent of normal on September 1. This was 2 percentage points higher than a month earlier, but about 5 points less than the excellent condition of September 1 last year. Pastures in the central part of the country held up better than usual from August 1. Condition of pastures for milk cows improved during August in the Upper Great Lakes States and the far Southwest, but hot, dry weather reduced grazing over much of the Great Plains, in the Eastern Great Lakes States, and parts of the South and West.

Table 1.-Monthly milk production on farms, United States, 1948-57 average, 1958 and 1959

Month	Monthly total				Daily average per capita		
	Average 1948-57	1958	1959	$\frac{1959}{1958}$	Average 1948-57	1958	1959
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan.	8,717	9,781	9,754	100	1.78	1.83	1.79
Feb.	8,562	9,356	9,344	100	1.92	1.93	1.90
Mar.	10,034	10,734	10,667	99	2.05	2.00	1.95
Apr.	10,685	11,177	11,171	100	2.26	2.15	2.11
May.....	12,435	12,712	12,595	99	2.54	2.36	2.30
June.....	12,224	12,332	12,152	99	2.58	2.36	2.29
July.....	11,365	11,450	11,224	98	2.32	2.12	2.04
Aug.	10,451	10,487	10,335	99	2.12	1.94	1.88
Sept. ...	9,225	9,492			1.94	1.81	
Oct.	8,824	9,455			1.78	1.74	
Nov.	8,118	8,889			1.70	1.69	
Dec.	8,518	9,371			1.72	1.72	
Year...	119,158	125,236			2.06	1.97	

U. S. DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service • Crop Reporting Board

Da 1-1 (9-59)

WASHINGTON, D. C.

Table 2.-Monthly milk production on farms, selected States, August 1959 ^{1/}
 [In millions of pounds]

State	Aug. av. 1948-57	Aug. 1958	July 1959	Aug. 1959	State	Aug. av. 1948-57	Aug. 1958	July 1959	Aug. 1959
N. Y. ...	722	750	821	716	Ga.	102	96	97	96
N. J. ...	93	90	93	93	Ky.	256	268	270	272
Pa.	494	533	566	542	Tenn. ...	239	239	238	233
Ohio....	490	454	462	446	Ala.	113	98	101	98
Ind.	350	333	331	321	Miss. ...	136	131	141	134
Ill.	460	446	443	419	Ark.	123	104	113	107
Mich. ...	479	484	486	474	Okla. ...	163	138	145	140
Wis. ...	1,282	1,355	1,494	1,299	Tex.	272	253	255	249
Minn. ...	606	632	782	611	Mont. ...	51	46	48	43
Iowa....	535	519	557	487	Idaho....	123	137	154	145
Mo.	397	364	383	360	Wyo.	21	18	21	18
N. Dak. .	171	157	193	157	Colo. ...	79	73	75	71
S. Dak. .	128	129	146	125	Utah.....	58	65	69	65
Nebr. ...	203	190	196	181	Wash. ...	157	161	170	161
Kans. ...	211	169	171	168	Oreg. ...	112	102	115	104
Md.	115	135	129	134	Calif. ..	577	649	708	685
Va.	191	192	188	193	Other States.	660	692	776	703
W. Va. ..	78	73	76	73	U. S. ...	10,451	10,487	11,224	10,335
N. C. ...	151	158	159	159					
S. C. ...	53	54	52	53					

^{1/} Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, August 15, 1959

Region	Milk-feed ^{1/}				Butterfat-feed ^{2/}			
	Aug. 15, av. 1948-57	Aug. 15, 1958	July 15, 1959	Aug. 15, 1959	Aug. 15, av. 1948-57	Aug. 15, 1958	July 15, 1958	Aug. 15, 1959
N. Atl. .	1.27	1.39	1.33	1.44	-	-	-	-
E.N.C. ..	1.22	1.26	1.25	1.30	20.1	19.1	19.8	19.9
W.N.C. ..	1.35	1.50	1.42	1.46	24.2	26.5	26.4	26.5
S. Atl. .	1.40	1.47	1.55	1.54	-	-	-	-
S. Cent.	1.31	1.42	1.37	1.41	15.6	16.0	16.2	16.4
West. ...	1.24	1.36	1.27	1.30	18.4	19.2	18.2	18.4
U. S. .	1.26	1.36	1.32	1.39	21.9	23.5	24.0	24.0

^{1/} Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.

^{2/} Pounds of concentrate ration equal in value to 1 pound of butterfat in cream sold by farmers.

Table 4.-Value per 100 pounds of concentrate rations fed to milk cows, by regions, August 15, 1959
 [In dollars]

Region	Aug. 15, av. 1948-57	Aug. 15, 1958	June 15, 1959	July 15, 1959	Aug. 15, 1959
N. Atl.	3.81	3.56	3.56	3.54	3.50
E. N. Cent.	3.08	2.77	2.64	2.68	2.72
W. N. Cent.	2.73	2.24	2.19	2.27	2.30
S. Atl.	3.76	3.53	3.33	3.37	3.40
S. Cent.	3.52	3.10	3.03	3.06	3.08
West.	3.48	3.01	3.21	3.21	3.21
U. S.					
Milk-selling areas.	3.35	2.98	2.92	2.95	2.96
Cream-selling areas	2.93	2.46	2.36	2.43	2.46
Combined milk and cream areas.....	3.28	2.93	2.87	2.90	2.92

Milk production down 1 percent from August 1958

United States milk production declined seasonally during August and was below a year earlier for the eighth straight month. Unusually high August temperatures tended to counter the effect of above average pasture feed and while the rate of flow per cow set a new record high, it did not offset the low level in cow numbers. August production estimated at 10,335 million pounds was 1 percent below August 1958. Production in the first 8 months of 1959 totaled 87.2 billion pounds, about 0.8 billion pounds, or 1 percent below the January-August 1958 output. Considered relative to population, August production was at the rate of 1.88 pounds per person per day -- 3 percent below August 1958 and 11 percent below average for the month.

Among the 36 States with monthly milk production estimates available, August production was a record high in Pennsylvania, California, North Carolina, Kentucky, and Idaho, and equaled last year's record high in Utah. On the other hand, output was a record low for the month in Iowa, Nebraska, Kansas, Montana, and Colorado, and equaled last year's record low in North Dakota, Georgia, and Alabama. As usual, Wisconsin led all States in production with 1,299 million pounds, followed by New York with 716 million; California with 685 million; and Minnesota with 611 million pounds. These 4 States alone accounted for a third of the Nation's August milk production.

Rate per cow continues at record high

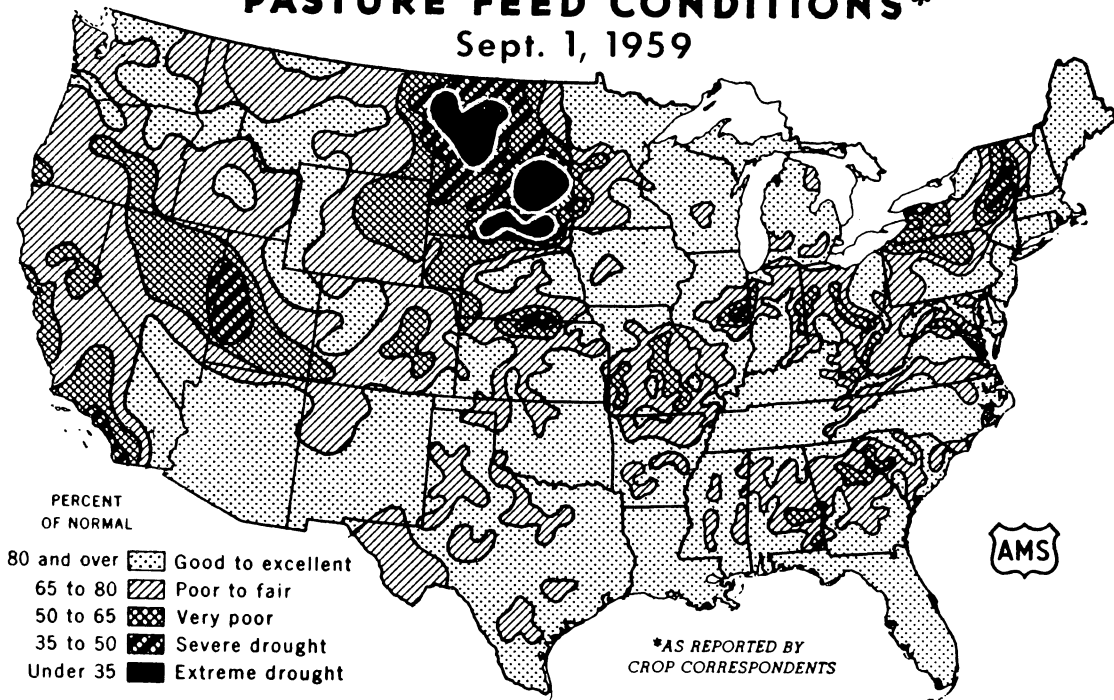
Milk production per cow in crop reporters' herds continued to set new record highs, averaging 19.53 pounds on September 1, or 2 percent above last year's previous high, and 16 percent above the 1948-57 average for the date. Increases of 5 to 8 percent in the South Atlantic, South Central, and Western regions and 2 percent in the West North Central region held production per cow above September 1 a year earlier, although milk flow in the North Atlantic and East North Central regions fell short of last year's record high. Seasonally, production per cow on September 1 was down between 5 and 6 percent, which was less than the usual seasonal drop from August 1. The proportion of the cows being milked in crop reporters' herds on September 1 averaged 72.0 percent, slightly above both a year earlier and the average for the date. By regions, the percent of cows milked ranged from 63 percent in the South Central to 78 percent in the West.

Dairy pastures improve during August

Condition of dairy pastures in the United States was reported at 79 percent of normal on September 1. This was 2 percentage points higher than a month earlier, but about 5 points less than the excellent condition of September 1 last year. Pastures in the central part of the country held up better than usual from August 1. Condition of pastures for milk cows improved during August in the Upper Great Lakes States and the far Southwest, but hot, dry weather reduced grazing over much of the Great Plains, in the Eastern Great Lakes States, and parts of the South and West.

PASTURE FEED CONDITIONS*

Sept. 1, 1959



PERCENT OF NORMAL

- 80 and over Good to excellent
- 65 to 80 Poor to fair
- 50 to 65 Very poor
- 35 to 50 Severe drought
- Under 35 Extreme drought

*AS REPORTED BY CROP CORRESPONDENTS

*INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

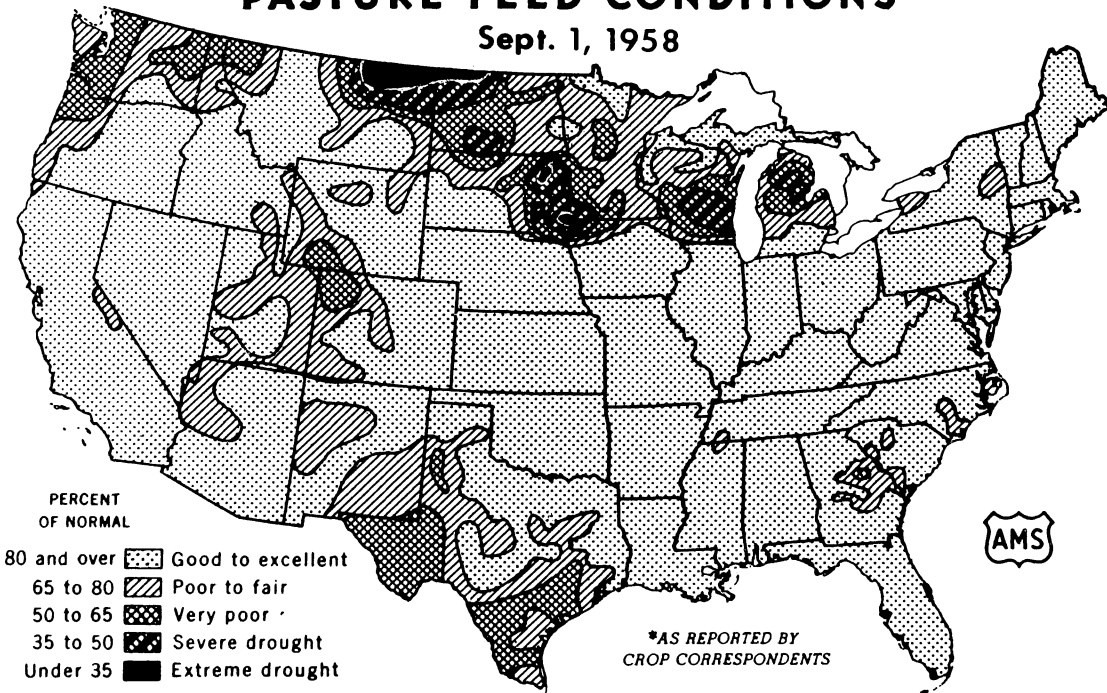
U. S. DEPARTMENT OF AGRICULTURE

NEG. 7453-59 (9)

AGRICULTURAL MARKETING SERVICE

PASTURE FEED CONDITIONS*

Sept. 1, 1958



PERCENT OF NORMAL

- 80 and over Good to excellent
- 65 to 80 Poor to fair
- 50 to 65 Very poor
- 35 to 50 Severe drought
- Under 35 Extreme drought

*AS REPORTED BY CROP CORRESPONDENTS

*INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. 6468-58 (9)

AGRICULTURAL MARKETING SERVICE

Dairy pastures were better than average for September 1 along the Atlantic Coast, but there were dry areas in both the North and South Atlantic regions. New York, Pennsylvania, and Vermont need more moisture to maintain pastures for milk cows. Grass was short on September 1 in West Virginia. Further South, dry weather in August lowered condition in South Carolina and Georgia, although pastures were about adequate. In other Atlantic States, grass furnished ample grazing.

Better pastures in most East North Central States

In the East North Central States, dairy pastures improved during August in contrast to the usual seasonal decline from August 1 to September 1. Pastures for milk stock were excellent on September 1 in Michigan, Wisconsin, and Northern Illinois, but spotty in Indiana. Dry weather caused grass to deteriorate during August in Ohio, and by September 1 condition in that State was 21 percentage points lower than the lush pastures of the previous year.

September 1 conditions showed sharp variations in the West North Central States. Dairy pastures in Iowa were spotty, but considerably better than in other States of the region. Frequent rains and cooler weather in August benefited pastures in Minnesota. However, in North and South Dakota, drought conditions intensified and grass provided little or no feed for milk cows on September 1. In the Nebraska, Kansas, and Missouri area, pastures were fair on September 1, but lagged far behind the excellent condition of a year earlier.

Excellent grass in most of South Central region

In general, pastures were excellent on September 1 in the South Central region. Grass for milk cows was not so good as a year ago, but was considerably better than usual for the date. Pastures improved in August and were excellent by September 1 in Kentucky, Tennessee, and Louisiana. In Texas, grass was the best for September 1 since 1943. Dairy pastures deteriorated during August in other States of the region, but still furnished relatively good feed.

In the Western States, pastures for milking herds were fair on September 1. Grass deteriorated during August in much of the northern half of the area, but condition generally improved in the southern part. Dry weather adversely affected Oregon and Washington dairy pastures; however, mid-August rains helped grass in Idaho. Pasture feed in California was below both the average and September 1 a year ago. Condition improved in August in Arizona and New Mexico, and by September 1 milk cows had excellent grazing.

Table 5.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters 1/

State and division	Milk produced per milk cow 2/			Percent of milk cows milked		
	Sept. 1, av. 1948-57	Sept. 1, 1958	Sept. 1, 1959	Sept. 1, av. 1948-57	Sept. 1, 1958	Sept. 1, 1959
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me.	19.5	23.9	22.6	80.1	82.1	80.2
N. H.	19.3	23.7	22.5	76.9	78.0	77.7
Vt.	17.1	19.5	19.1	74.2	75.2	73.2
Mass.	20.1	22.8	22.8	79.7	77.6	79.6
Conn.	20.3	22.8	23.4	77.2	76.0	79.7
N. Y.	19.8	21.6	20.7	75.8	75.0	74.9
N. J.	22.0	24.5	24.5	78.4	78.6	79.2
Pa.	19.9	22.4	22.2	77.4	77.0	77.7
N. Atl.	19.91	22.30	21.98	76.8	76.7	77.1
Ohio.....	20.0	22.3	21.5	75.7	76.1	74.9
Ind.	18.9	21.2	22.6	74.7	74.5	76.2
Ill.	18.8	21.3	20.5	71.6	75.2	74.5
Mich.	21.8	24.9	25.0	81.1	79.3	80.4
Wis.	18.6	20.5	20.3	77.3	74.9	74.7
E. N. Cent.	19.38	21.49	21.45	76.3	75.6	75.6
Minn.	15.7	17.2	17.0	69.1	68.0	67.5
Iowa.....	17.8	20.8	20.8	70.0	70.2	71.8
Mo.	15.5	17.1	17.5	69.3	69.6	69.6
N. Dak.	15.5	16.5	17.6	69.1	65.5	68.2
S. Dak.	14.0	15.7	16.1	65.7	65.8	68.7
Nebr.	16.4	19.0	19.6	69.3	68.7	68.9
Kans.	15.5	16.8	17.7	66.1	64.0	66.0
W. N. Cent.	15.85	17.66	17.94	68.4	67.6	68.5
Md.	19.2	22.7	22.2	74.4	76.2	77.8
Va.	17.2	20.4	20.9	70.9	72.4	74.8
W. Va.	15.4	16.8	17.8	72.7	71.4	74.0
N. C.	15.4	17.9	18.1	71.2	72.0	71.9
S. C.	12.7	14.8	13.5	67.4	69.8	67.0
Ga.	11.0	12.3	12.8	60.0	59.3	58.6
S. Atl.	15.22	17.12	18.13	69.0	71.1	73.0
Ky.	14.8	17.0	18.0	70.3	68.0	70.3
Tenn.	13.2	15.9	15.0	70.2	70.6	68.2
Ala.	9.7	8.8	10.0	58.0	54.0	52.0
Miss.	8.6	9.0	9.4	59.0	61.4	62.6
Ark.	10.5	11.7	13.6	59.5	57.2	60.5
La.	7.6	8.4	9.5	47.3	48.9	54.0
Okla.	11.9	14.6	14.6	59.9	61.9	63.6
Tex.	9.3	11.5	11.4	54.9	54.9	53.2
S. Cent.	11.41	13.54	14.28	61.8	62.1	63.0
Mont.	18.1	19.3	18.7	72.0	72.0	69.6
Idaho.....	21.2	23.3	24.2	78.4	79.3	78.9
Wyo.	19.7	22.2	21.0	73.1	74.6	72.2
Colo.	18.1	20.0	20.0	72.0	72.0	72.2
Utah.....	21.3	25.0	23.7	78.6	78.8	77.8
Wash.	22.0	23.2	24.7	79.7	79.0	77.8
Oreg.	19.6	21.4	21.9	80.0	81.4	83.0
Calif.	22.4	26.4	29.0	79.0	80.2	80.9
West.	20.76	23.46	25.23	77.6	78.4	78.5
U. S.	16.86	19.10	19.53	71.2	71.4	72.0

1/ Figures for New England States and New Jersey represent combined crop and special dairy reporters; others represent crop reporters only. Regional averages include less important dairy States not shown separately.

2/ Averages represent daily milk production divided by the total number of milk cows (in milk or dry).

Table 6.-Dairy pasture feed condition, as percentage of normal, September 1, 1959 ^{1/}

[Percent]

State and division	Sept. 1, av. 1948-57	Sept. 1, 1957	Sept. 1, 1958	Sept. 1, 1959
Me.	74	77	96	88
N. H.	72	72	92	85
Vt.	77	76	91	73
Mass.	66	34	94	85
R. I.	75	36	98	80
Conn.	72	28	99	93
N. Y.	69	64	87	66
N. J.	67	11	90	85
Pa.	68	33	91	73
N. Atl.	70	52	90	73
Ohio.....	76	67	97	76
Ind.	80	88	97	78
Ill.	79	86	95	83
Mich.	77	74	74	87
Wis.	77	79	63	89
E. N. Cent.	78	78	80	84
Minn.	80	89	69	79
Iowa.....	77	86	92	91
Mo.	72	72	94	73
N. Dak.	76	80	61	49
S. Dak.	74	84	57	43
Nebr.	75	86	91	74
Kans.	68	68	93	79
W. N. Cent.	75	82	81	75
Del.	72	21	96	89
Md.	74	23	96	81
Va.	76	48	98	78
W. Va.	78	48	96	72
N. C.	76	71	91	88
S. C.	68	69	83	76
Ga.	72	70	85	76
Fla.	81	84	90	87
S. Atl.	75	55	92	80
Ky.	74	73	97	86
Tenn.	70	75	91	90
Ala.	69	65	90	77
Miss.	72	80	91	86
Ark.	70	91	92	82
La.	76	78	89	90
Okla.	64	73	93	85
Tex.	55	65	76	83
S. Cent.	66	73	89	85
Mont.	78	76	74	69
Idaho.....	87	91	88	80
Wyo.	78	97	81	70
Colo.	71	88	84	69
N. Mex.	70	70	78	88
Ariz.	86	88	83	88
Utah.....	80	92	75	71
Nev.	86	93	91	71
Wash.	80	84	56	73
Oreg.	78	86	74	76
Calif.	79	82	86	68
West.	79	85	78	72
U. S.	74	73	84	79

^{1/} Indicates current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. Regional and U. S. averages differ from those published in Crop Production in that States are combined with dairy rather than all livestock weights.