

MILK PRODUCTION

September 13, 1965

SUMMARY

August milk production in the United States is estimated at 10,151 million pounds, about 1 percent less than a year earlier, but slightly above the 1959-63 average for the month. Production declined 7 percent from July to August, compared with a decline of 6 percent at this season last year. Relative to population, milk production averaged 1.68 pounds per person daily, compared with 1.72 pounds in August a year ago. Output per cow averaged 655 pounds in August, 3 percent above the year-earlier rate.

Dairy pasture condition in the United States on September 1 averaged 75 percent of normal. This is much better than the 65 percent reported a year earlier but 2 points below the 1959-63 average for the date. Reported condition held unchanged from August 1 to September 1 this year -- the average change is a decline of 1 point. Adequate soil moisture in most areas, with below-normal temperatures, were favorable for pasture growth. However, most of the Northeast needs more rain to provide good fall pasture feed.

Table 1.-Milk per cow and milk production by months, United States, 1965 with comparisons

Month	Milk per cow			Milk production			
	Average 1959-63	1964	1965	Average 1959-63	1964	1965	Change from 1964
	Pounds	Pounds	Pounds	Million Pounds	Million Pounds	Million Pounds	Percent
January.....	569	625	652	9,937	10,148	10,342	+1.9
February.....	543	613	618	9,474	9,937	9,796	-1.4
March.....	622	686	706	10,832	11,099	11,155	+0.5
April.....	641	705	724	11,125	11,383	11,416	+0.3
May.....	710	767	781	12,314	12,356	12,300	-0.5
June.....	685	735	756	11,857	11,820	11,773	-0.4
July.....	629	678	701	10,869	10,874	10,888	+0.1
August.....	586	639	655	10,107	10,235	10,151	-0.8
September.....	552	603		9,490	9,636		
October.....	555	608		9,536	9,700		
November.....	532	591		9,121	9,419		
December.....	564	628		9,651	9,991		
Annual.....	7,192	7,880		124,313	126,598		

Table 2.-Monthly milk per cow and milk production
August 1965, with comparisons

State	Monthly milk per cow ^{1/}			Milk production			
	August av. 1959-63 ^{2/}	August 1964	August 1965	August av. 1959-63 ^{2/}	August 1964	August 1965	Change from 1964
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	-	770	790	-	67	66	-1
New Hampshire.....	-	685	715	-	30	30	0
Vermont.....	-	670	695	-	160	163	+2
Massachusetts.....	-	810	835	-	66	66	0
Rhode Island.....	-	795	825	-	8.7	8.6	-1
Connecticut.....	-	810	825	-	60	59	-2
New York.....	623	675	698	773	809	816	+1
New Jersey.....	738	790	810	93	88	86	-2
Pennsylvania.....	638	700	700	556	571	550	-4
Ohio.....	666	751	760	441	447	429	-4
Indiana.....	679	765	770	284	295	282	-4
Illinois.....	660	700	725	363	332	325	-2
Michigan.....	706	770	770	450	477	466	-2
Wisconsin.....	628	665	690	1,344	1,406	1442	+3
Minnesota.....	499	550	560	635	696	700	+1
Iowa.....	589	635	615	492	494	460	-7
Missouri.....	529	550	555	340	314	299	-5
North Dakota.....	537	600	590	145	146	135	-8
South Dakota.....	474	505	520	115	118	116	-2
Nebraska.....	544	570	570	170	158	150	-5
Kansas.....	483	538	540	156	152	145	-5
Delaware.....	-	635	645	-	14.6	14.2	-3
Maryland.....	623	655	655	135	136	132	-3
Virginia.....	565	595	625	184	173	173	0
West Virginia.....	446	465	466	55	50	47	-6
North Carolina.....	510	565	590	135	136	136	0
South Carolina.....	425	465	490	45	43	43	0
Georgia.....	415	465	515	86	83	87	+5
Florida.....	541	595	635	100	105	113	+8
Kentucky.....	535	590	610	265	267	269	+1
Tennessee.....	472	485	500	230	222	221	0
Alabama.....	362	396	415	85	80	81	+1
Mississippi.....	335	370	400	115	104	106	+2
Arkansas.....	417	445	480	87	77	80	+4
Louisiana.....	-	375	405	-	79	82	+4
Oklahoma.....	501	550	580	121	109	110	+1
Texas.....	457	504	535	254	244	246	+1
Montana.....	512	530	540	39	36	36	0
Idaho.....	712	714	735	141	131	129	-2
Wyoming.....	575	615	635	16.7	16.2	16.3	+1
Colorado.....	600	665	680	71	71	71	0
New Mexico.....	-	600	610	-	24	24	0
Arizona.....	-	810	840	-	43	44	+2
Utah.....	677	720	750	63	62	64	+3
Nevada.....	680	765	840	10.1	11.1	11.5	+4
Washington.....	732	790	820	169	171	174	+2
Oregon.....	653	680	720	102	92	92	0
California.....	871	946	950	708	747	741	-1
Alaska.....	-	785	815	-	1.96	1.87	-5
Hawaii.....	-	810	855	-	11.6	12.8	+10
United States.....	586	639	655	10,107	10,235	10,151	-0.8

^{1/} Monthly rate based on all milk cows on farms (in milk or dry).
^{2/} Five-year averages not available for States where not shown.

August milk output 1 percent below 1964

Milk production in the United States during August is estimated at 10,151 million pounds, 1 percent less than a year earlier, but slightly above the 1959-63 average for the month. Production declined 7 percent from July to August, compared with a 6-percent decline at this season last year. Relative to population, milk production averaged 1.68 pounds per person daily, compared with 1.72 pounds in August a year ago.

August milk production was below a year earlier in all of the North Central States, except Wisconsin and Minnesota. By contrast, production was above a year earlier in all of the South Central States except Tennessee. Of the 10 leading States in August milk production, New York, Wisconsin, and Minnesota reported increases over a year earlier.

Production per cow up 3 percent

Milk production per cow averaged 655 pounds in August. This is 3 percent above the 639 pounds produced a year earlier and compares with the August average of 586 pounds. On an average daily basis, output per cow was 21.1 pounds during August compared with 22.6 pounds in July. Output per cow was at a record level for August in all but two States. California led all States, with 950 pounds per cow, followed by Hawaii with 855 pounds, Arizona and Nevada each with 840 pounds, Massachusetts with 835 pounds, and Rhode Island and Connecticut each with 825 pounds.

Milk-feed price ratio up 1 percent

The August milk-feed price ratio of 1.37 compares with 1.35 a year earlier and the August 1959-63 average of 1.39. The ratio advanced 5 percent from July, about the usual change, and has been above the corresponding month of a year earlier since June 1964. In cream-producing areas, the milkfat-feed price ratio averaged 23.0, compared with 23.3 in August a year ago, and the average of 24.5.

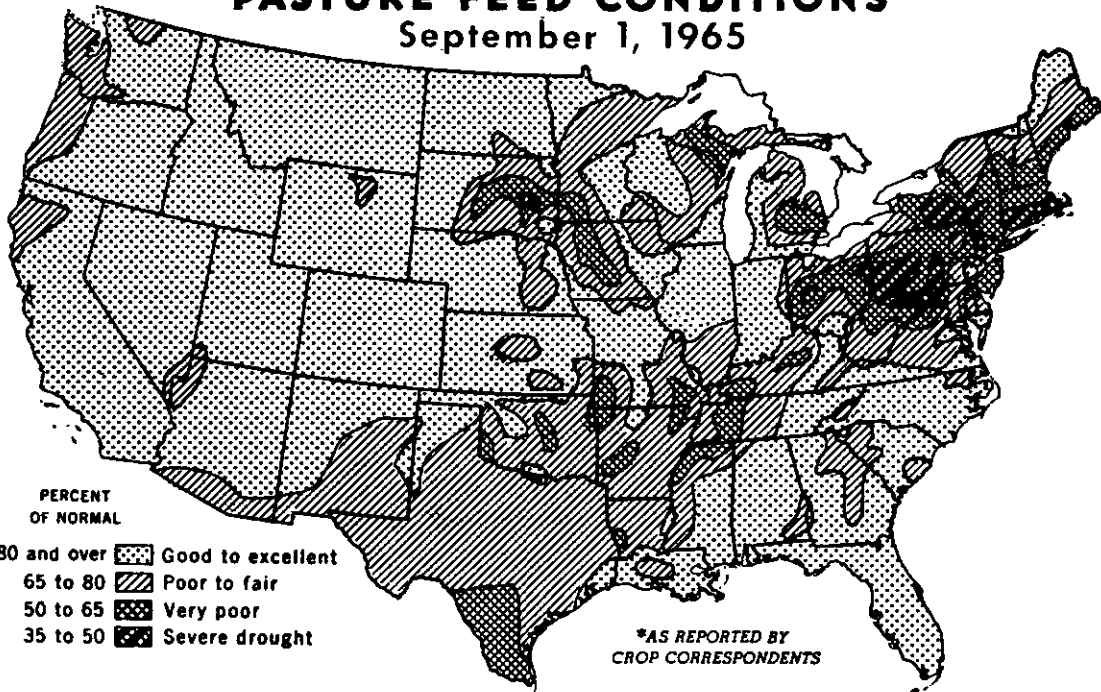
September 1 pasture conditions point to bright fall prospects

Dairy pasture condition on September 1 averaged 75 percent of normal for the United States. This is much better than the 65 percent reported a year earlier but 2 points below the average for the date. Dairy pasture condition held unchanged from August 1 to September 1 this year -- the average change is a decline of 1 point. Although there were a few extremely hot days about mid-August, temperatures averaged below normal for the month. This, combined with adequate current moisture supplies in most areas, especially as the month drew to a close, promoted grass development. Prospects for early fall pasture feed were generally good at the beginning of September. However, dry areas in Minnesota, Iowa, and South Dakota, and from Ohio eastward through southern New England need more rain to provide good pasture feed.

Pasture condition in each of the North Atlantic States was below average for September 1 and below a year earlier in several of these States. However, with the exception of New Hampshire, condition improved in this region during August, as rainfall was nearly normal for the first time in several months and temperatures averaged normal and below. Although pastures made some recovery they were still providing insufficient feed and supplemental feeding and green chopping continued.

PASTURE FEED CONDITIONS*

September 1, 1965



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

*AS REPORTED BY
CROP CORRESPONDENTS

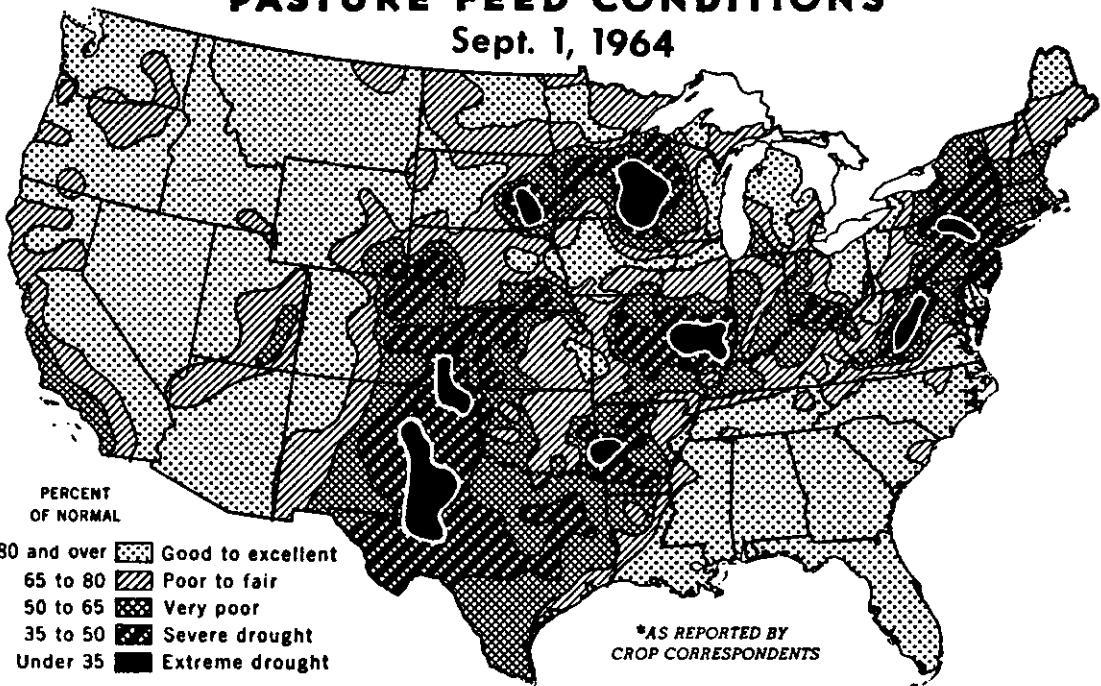
*INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

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Sept. 1, 1964



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

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In the North Central States, pastures were generally better than a year earlier, except in Ohio and Michigan. Compared with the September 1 average, pastures were poorer in Ohio, Michigan, Minnesota, and Iowa. Pastures dried up rapidly in South Dakota during August. In other States, adequate rainfall and cool temperatures stimulated grass development which provided adequate grazing and heightened prospects for good fall pasture feed.

Pastures in the South Atlantic and South Central Regions were generally about average for September 1, except in the Carolinas and Alabama, where they were well above average, and poorer than usual pastures in West Virginia and Kentucky. Pasture conditions ranged from 10 to 23 percentage points above a year earlier in Delaware, Maryland, Virginia, Arkansas, Oklahoma, and Texas. During August, conditions dropped sharply in Kentucky, Tennessee, and Arkansas. However, rain near the end of August improved moisture supplies in the drier areas and pastures are expected to improve in these States.

Pasture feed condition was good to excellent in Western States, except for the western portion of Oregon and smaller adjacent areas in Washington and California. With the exception of Washington, Oregon, and Arizona, all State averages in the West were above those of September 1 a year ago. Colorado and New Mexico showed the most improvement.

Table 3.-Dairy pasture feed condition, as percentage of normal, September 1, 1965, with comparisons ^{1/}

State and division	Sept. 1, av. 1959-63	Sept. 1, 1964	Sept. 1, 1965	State and division	Sept. 1, av. 1959-63	Sept. 1, 1964	Sept 1, 1965
	Percent	Percent	Percent		Percent	Percent	Percent
Me.	84	72	64	N. C.	83	89	90
N. H.	81	57	59	S. C.	76	87	83
Vt.	80	68	71	Ga.	81	90	81
Mass.	77	55	55	Fla.	85	92	88
R. I.	76	64	52	S. Atl. . .	78	74	77
Conn.	84	59	54	Ky.	83	63	68
N. Y.	74	54	60	Tenn.	80	84	76
N. J.	74	42	51	Ala.	78	90	86
Pa.	69	61	58	Miss.	78	87	76
N. Atl.	74	58	60	Ark.	73	55	71
Ohio.....	76	70	62	La.	77	82	79
Ind.	83	61	86	Okla.	78	59	76
Ill.	81	54	85	Tex.	72	51	67
Mich.	81	77	72	S. Cent. .	77	67	73
Wis.	77	51	81	Mont.	73	89	96
E. N. Cent. .	79	60	78	Idaho.....	83	90	93
Minn.	78	58	77	Wyo.	74	80	92
Iowa.....	89	74	76	Colo.	74	57	93
Mo.	69	58	82	N. Mex.	80	51	85
N. Dak.	65	76	89	Ariz.	83	88	85
S. Dak.	71	59	71	Utah.....	72	81	95
Nebr.	78	66	85	Nev.	79	88	96
Kans.	80	62	85	Wash.	78	91	81
W. N. Cent. .	78	64	80	Oreg.	81	85	77
Del.	74	49	72	Calif.	77	72	86
Md.	70	54	64	West.	77	79	87
Va.	76	60	75	U. S.	77	65	75
W. Va.	80	67	58				

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

Table 4.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, August 1965, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	August av. 1959-63	August 1964	July 1965	August 1965	August av. 1959-63	August 1964	July 1965	August 1965
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl.	4.83	4.75	4.55	4.78	3.51	3.54	3.56	3.57
E. N. Cent. ..	3.66	3.65	3.61	3.74	2.74	2.82	2.88	2.86
W. N. Cent. ..	3.39	3.41	3.38	3.50	2.32	2.44	2.56	2.53
S. Atl.	5.22	5.20	5.27	5.28	3.38	3.35	3.36	3.38
S. Cent.	4.36	4.43	4.37	4.47	3.07	3.13	3.16	3.15
West.	4.16	4.19	4.20	4.27	3.18	3.20	3.20	3.18
U. S.								
Milk areas....	4.11	4.09	4.01	4.17	2.96	3.02	3.06	3.05
Cream areas...	-	-	-	-	2.45	2.52	2.63	2.60
Milk and cream areas.....	-	-	-	-	2.93	3.00	3.05	3.03

Table 5.-Milk-feed and milkfat-feed price ratios, by regions, August 1965, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	August av. 1959-63	August 1964	July 1965	August 1965	August av. 1959-63	August 1964	July 1965	August 1965
N. Atl.	1.38	1.34	1.28	1.34	-	-	-	-
E. N. Cent. ..	1.34	1.29	1.25	1.31	20.3	19.6	19.6	19.8
W. N. Cent. ..	1.46	1.40	1.32	1.38	26.4	24.4	23.6	24.1
S. Atl.	1.54	1.55	1.57	1.56	-	-	-	-
S. Cent.	1.42	1.42	1.38	1.42	16.7	16.6	16.4	16.4
West.	1.31	1.31	1.31	1.34	18.3	18.1	18.0	18.3
U. S.	1.39	1.35	1.31	1.37	24.5	23.3	22.5	23.0

1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers.

2/ Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.



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