

# MILK PRODUCTION

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Milk production in the United States during February is estimated at 9,470 million pounds, 1.3 percent below February 1962, but 1 percent above the 1957-61 average for the month. February was the third consecutive month with milk production below a year earlier. On a daily basis, milk production increased about 4 percent from January to February this year, compared with 5 percent in 1962. Relative to population, February milk production was 1.79 pounds per person daily, compared with 1.85 pounds in February 1962.

February milk production was below a year earlier in 5 of the 10 leading States -- Ohio, Illinois, Wisconsin, Minnesota, and Iowa. Production continued above a year earlier in 5 of the 10 States -- New York, Pennsylvania, Indiana, Michigan, and California.

Table 1.-Milk per cow and milk production by months, United States, 1963, with comparisons

Month	Milk per cow			Milk production			
	Average 1957-61	1962	1963	Average 1957-61	1962	1963	Change from 1962
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
January.....	529	586	596	9,781	10,111	10,043	-0.7
February.....	507	557	563	9,360	9,598	9,470	-1.3
March.....	584	639		10,741	10,994		
April.....	605	654		11,096	11,232		
May.....	678	725		12,418	12,429		
June.....	656	697		11,981	11,926		
July.....	604	639		11,006	10,912		
August.....	559	598		10,156	10,191		
September.....	519	567		9,398	9,636		
October.....	520	574		9,394	9,740		
November.....	496	552		8,932	9,345		
December.....	527	581		9,474	9,813		
Annual.....	6,785	7,370		123,737	125,927		

Table 2.-Monthly milk per cow and milk production,  
February 1963, with comparisons

State	Monthly milk per cow <sup>1/</sup>			Milk production			
	Feb. av. 1957-61	Feb. 1962	Feb. 1963	Feb. av. 1957-61	Feb. 1962	Feb. 1963	Change from 1962
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
New York.....	587	654	685	746	821	850	+ 4
New Jersey.....	669	713	764	89	91	94	+ 3
Pennsylvania.....	544	593	630	488	522	544	+ 4
Ohio.....	532	619	625	381	407	404	- 1
Indiana.....	530	585	610	248	242	245	+ 1
Illinois.....	548	600	595	349	329	308	- 6
Michigan.....	552	620	630	374	397	400	+ 1
Wisconsin.....	638	680	670	1,400	1,454	1,432	- 2
Minnesota.....	694	745	750	906	956	940	- 2
Iowa.....	526	556	550	476	466	447	- 4
Missouri.....	385	395	380	269	257	236	- 8
North Dakota.....	466	520	500	139	140	132	- 6
South Dakota.....	423	480	440	112	116	102	-12
Nebraska.....	434	465	440	154	143	125	-13
Kansas.....	424	441	430	155	142	133	- 6
Maryland.....	523	542	548	116	117	117	0
Virginia.....	393	435	432	137	142	137	- 4
West Virginia.....	331	365	362	47	44	41	- 7
North Carolina.....	410	460	455	118	119	115	- 3
South Carolina.....	348	380	370	42	40	38	- 5
Georgia.....	345	370	370	82	75	75	0
Florida.....	520	590	600	99	109	107	- 2
Kentucky.....	303	325	335	160	161	163	+ 1
Tennessee.....	264	285	285	138	142	138	- 3
Alabama.....	272	285	285	73	66	63	- 4
Mississippi.....	222	255	265	90	86	84	- 2
Arkansas.....	266	270	288	67	57	57	0
Oklahoma.....	393	460	455	113	109	99	- 9
Texas.....	369	431	427	234	235	231	- 2
Montana.....	382	415	440	33	31	31	0
Idaho.....	562	595	625	114	118	121	+ 3
Wyoming.....	428	460	450	14.0	12.9	12.2	- 5
Colorado.....	497	550	540	65	64	62	- 3
Utah.....	601	620	650	58	58	59	+ 2
Nevada.....	522	530	650	7.7	8.0	9.1	+14
Washington.....	566	630	635	135	151	149	- 1
Oregon.....	426	446	453	71	69	67	- 3
California.....	696	752	771	580	607	619	+ 2
Hawaii.....	<u>2/728</u>	745	740	<u>2/10.2</u>	10.4	10.8	+ 4
Other States <sup>3/</sup> .....	-	-	-	470	484	473	- 2
United States.....	507	557	563	9,360	9,598	9,470	- 1.3

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

<sup>2/</sup> Short-time average.

<sup>3/</sup> Estimates not available for individual States.

Milk production per cow is estimated at 563 pounds for February -- 6 pounds above a year ago. This increase of 1 percent from a year earlier was less than usual. From February 1961 to February 1962, the estimated rate per cow increased about 4 percent. Contrary to the usual upward trend, February production per cow was below a year earlier in 17 of the 39 States for which monthly estimates are available. February temperatures averaged 6 degrees or more below normal in most of the area east of the Mississippi River. Lack of winter pasture feed reduced the milk flow in many Southern States. Converted to a daily basis, the February rate per cow averaged 20.1 pounds, compared with 19.2 pounds in January.

Milk-feed price ratio down 7 percent

The February milk-feed price ratio--the quantity of feed equal in value to 1 pound of milk, averaged 1.36. A month earlier the ratio was 1.40 and in February last year was 1.46. The February ratio was the lowest for the month since 1955. The drop of 7 percent in the ratio from a year earlier resulted from a 14-cent decline in wholesale milk prices and an 11-cent increase in feed values per 100 pounds. In cream-selling areas, the milkfat-feed price ratio in February was 22.8, compared with 23.1 for January and 24.8 for February a year ago.

Table 3.--Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, February 1963, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	Feb. av. 1957-61	Feb. 1962	Jan. 1963	Feb. 1963	Feb. av. 1957-61	Feb. 1962	Jan. 1963	Feb. 1963
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl. ....	4.99	4.77	4.72	4.62	3.58	3.57	3.65	3.68
E. N. Cent. ....	3.76	3.88	3.77	3.71	2.72	2.69	2.78	2.79
W. N. Cent. ....	3.44	3.58	3.48	3.41	2.32	2.36	2.46	2.48
S. Atl. ....	5.72	5.57	5.60	5.54	3.37	3.18	3.38	3.40
S. Cent. ....	5.03	4.86	4.95	4.81	3.09	3.07	3.14	3.16
West. ....	4.58	4.57	4.55	4.42	3.17	3.14	3.19	3.20
U. S.								
Milk areas.....	4.29	4.29	4.24	4.15	2.98	2.94	3.03	3.05
Cream areas.....	-	-	-	-	2.48	2.45	2.55	2.57
Milk and cream areas	-	-	-	-	2.94	2.91	3.01	3.03

Table 4.--Milk-feed and milkfat-feed price ratios, by regions, February 1963, with comparisons

Region	Milk-feed ratio <sup>1/</sup>				Milkfat-feed ratio <sup>2/</sup>			
	Feb. av. 1957-61	Feb. 1962	Jan. 1963	Feb. 1963	Feb. av. 1957-61	Feb. 1962	Jan. 1963	Feb. 1963
N. Atl. ....	1.39	1.34	1.29	1.26	-	-	-	-
E. N. Cent. ....	1.38	1.44	1.36	1.33	20.5	20.8	19.7	19.8
W. N. Cent. ....	1.48	1.52	1.41	1.38	26.9	26.4	24.3	24.1
S. Atl. ....	1.70	1.75	1.66	1.63	-	-	-	-
S. Cent. ....	1.63	1.58	1.58	1.52	16.7	17.0	16.4	16.3
West. ....	1.44	1.46	1.43	1.38	19.1	18.9	18.3	18.3
U. S. ....	1.44	1.46	1.40	1.36	24.6	24.8	23.1	22.8

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

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