

MILK PRODUCTION

January 13, 1964

United States milk production in December totaled 9,695 million pounds, about 1 percent below the output during December 1962 but 2 percent above the 1957-61 average for the month. On a daily basis, December output was up 2 percent from November -- the same change as last year. Relative to population, production was equivalent to 1.64 pounds per person daily compared with 1.68 pounds in December a year ago. Milk production was at a record level for the month in Michigan, Wisconsin, Maryland, and Washington and in 6 other States was exceeded in only one previous year. However, by contrast, milk production was the lowest of record for December in 8 States.

For 1963 as a whole, milk production totaled 124,744 million pounds, based on preliminary monthly production estimates. The annual production total was down 1 percent from 1962, but about 1 percent above the 1957-61 average. Compared with a year earlier, 1963 production was down every month, and in February, May, October, November, and December by more than 1 percent. The preliminary monthly milk production estimates for 1963 are subject to an annual review in late January. Monthly estimates of milk production, rate per cow, and number of milk cows for 1963 will be published by States in the February 11 issue of this report.

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	650	10,741	10,994	10,907	-0.8
April.....	605	654	666	11,096	11,232	11,149	-0.7
May.....	678	725	736	12,418	12,429	12,295	-1.1
June.....	656	697	712	11,981	11,926	11,842	-0.7
July.....	604	639	654	11,006	10,912	10,856	-0.5
August.....	559	598	613	10,156	10,191	10,154	-0.4
September.....	519	567	581	9,398	9,636	9,598	-0.4
October.....	520	574	579	9,394	9,740	9,542	-2.0
November.....	496	552	559	8,932	9,345	9,193	-1.6
December.....	527	581	591	9,474	9,813	9,695	-1.2
Annual.....	6,785	7,370	7,502	123,737	125,927	124,744	-0.9

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

State	Monthly milk per cow ^{1/}			Milk production			
	Dec. av. 1957-61	Dec. 1962	Dec. 1963	Dec. av. 1957-61	Dec. 1962	Dec. 1963	Change from 1962
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
New York.....	626	722	710	789	898	855	-5
New Jersey.....	713	801	807	94	99	94	-5
Pennsylvania.....	576	652	660	512	564	554	-2
Ohio.....	595	665	670	414	431	413	-4
Indiana.....	538	600	620	241	243	243	0
Illinois.....	546	600	620	328	315	309	-2
Michigan.....	622	704	720	409	447	448	0
Wisconsin.....	632	675	688	1,370	1,443	1,456	+1
Minnesota.....	645	675	680	833	850	853	0
Iowa.....	506	532	560	444	436	440	+1
Missouri.....	369	375	380	250	235	227	-3
North Dakota.....	421	435	450	121	116	115	-1
South Dakota.....	399	412	435	102	96	99	+3
Nebraska.....	440	475	510	149	136	140	+3
Kansas.....	462	460	505	161	143	146	+2
Maryland.....	544	566	590	119	121	124	+2
Virginia.....	444	480	485	151	153	151	-1
West Virginia.....	359	377	386	49	43	42	-2
North Carolina.....	468	520	520	131	132	129	-2
South Carolina.....	394	435	450	45	45	45	0
Georgia.....	372	380	390	84	77	76	-1
Florida.....	574	635	635	109	114	116	+2
Kentucky.....	326	375	380	168	183	182	-1
Tennessee.....	298	315	313	151	153	149	-3
Alabama.....	301	315	335	77	70	71	+1
Mississippi.....	248	285	295	95	91	88	-3
Arkansas.....	306	315	314	71	63	58	-8
Oklahoma.....	424	500	475	114	110	103	-6
Texas.....	386	452	461	232	245	239	-2
Montana.....	407	460	450	33	33	31	-6
Idaho.....	593	657	630	120	127	121	-5
Wyoming.....	454	485	495	14.1	13.1	12.9	-2
Colorado.....	537	575	585	68	66	65	-2
Utah.....	633	660	660	60	61	59	-3
Nevada.....	575	660	690	8.5	9.9	9.7	-2
Washington.....	622	700	730	147	164	164	0
Oregon.....	446	469	455	73	69	66	-4
California.....	758	831	826	628	668	651	-3
Hawaii.....	^{2/} 805	830	800	^{2/} 11.4	12.3	11.4	-7
Other States ^{3/}	-	-	-	498	538	539	0
United States.....	527	581	591	9,474	9,813	9,695	-1.2

^{1/} Estimated monthly rate based on all milk cows on farms (in milk or dry).

^{2/} Short-time average.

^{3/} Estimates not available for individual States.

Production per cow up 2 percent

Milk production per cow in the United States in December was 591 pounds -- up 2 percent from the 581 pounds per cow during December last year and 12 percent above the 1957-61 average for the month. The average daily rate of 19.1 pounds in December was up 3 percent from November -- the same as the 1957-61 average increase from November to December. For the 39 States where monthly estimates are available, December production per cow was at a record level in 26 States and in 7 other States was exceeded in only one previous year. Based on preliminary monthly estimates, the 1963 annual rate per cow of 7,502 pounds was about 2 percent more than the 1962 rate and 11 percent above average.

Milk-feed price ratio up 1 percent

The December milk-feed price ratio at 1.45 was 1 percent above the corresponding month last year but 6 percent below the 1957-61 average for the month. December was the first month since August 1961 that the ratio was above a year earlier. Seasonally, the December milk-feed price ratio was down 2 percent from November compared with an average decline of 3 percent. In cream selling areas, the milkfat-feed price ratio was 23.2, compared with 23.3 for November and 23.4 for December 1962. The December 1957-61 average milkfat-feed price ratio was 25.8.

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

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	Dec. av. 1957-61	Dec. 1962	Nov. 1963	Dec. 1963	Dec. av. 1957-61	Dec. 1962	Nov. 1963	Dec. 1963
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl.	5.26	4.86	5.17	5.01	3.52	3.63	3.62	3.64
E. N. Cent. ..	3.98	3.84	3.95	3.91	2.65	2.76	2.77	2.80
W. N. Cent. ..	3.62	3.50	3.61	3.55	2.23	2.42	2.39	2.42
S. Atl.	5.73	5.59	5.70	5.65	3.32	3.34	3.39	3.41
S. Cent.	5.16	4.97	5.12	5.19	2.99	3.11	3.18	3.18
West.	4.68	4.48	4.52	4.60	3.11	3.18	3.22	3.24
U. S.								
Milk areas....	4.49	4.30	4.47	4.41	2.91	3.01	3.03	3.05
Cream areas...	-	-	-	-	2.40	2.51	2.50	2.53
Milk and cream areas.....	-	-	-	-	2.86	2.98	3.00	3.02

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

Region	Milk-feed ratio <u>1/</u>				Milkfat-feed ratio <u>2/</u>			
	Dec. av. 1957-61	Dec. 1962	Nov. 1963	Dec. 1963	Dec. av. 1957-61	Dec. 1962	Nov. 1963	Dec. 1963
N. Atl.	1.49	1.34	1.43	1.38	-	-	-	-
E. N. Cent. ..	1.50	1.39	1.43	1.40	21.4	20.0	19.7	19.5
W. N. Cent. ..	1.62	1.45	1.51	1.47	28.4	24.7	24.8	24.6
S. Atl.	1.72	1.67	1.68	1.66	-	-	-	-
S. Cent.	1.73	1.60	1.61	1.63	17.4	16.6	16.2	16.4
West.	1.50	1.41	1.40	1.42	19.6	18.5	18.1	17.8
U. S.	1.55	1.43	1.48	1.45	25.8	23.4	23.3	23.2

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.

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
WASHINGTON 25, D. C.

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