

# MILK PRODUCTION

January 12, 1965

United States milk production during December is estimated at 9,970 million pounds, 3 percent more than a year earlier and 1 percent above the previous record high for the month set in 1961. On a daily basis, milk production increased 3 percent from November to December this year, compared with a seasonal gain of 2 percent in 1963. Relative to population, December milk production amounted to 1.66 pounds per person daily, compared with 1.64 pounds a year earlier. Milk production was above December a year ago in all of the 10 leading States except Ohio, with gains of 6 percent or more in New York, Minnesota, Iowa, and California.

For the year 1964, milk production totaled 126,000 million pounds, based on preliminary monthly estimates. The annual total is up 1 percent from 1963, and about the same as the record high production in 1962. Compared with a year earlier, 1964 production was higher in all months except June and July, with increasing gains during the last 4 months of the year.

The preliminary monthly milk production estimates for 1964 are subject to an annual review in late January. Estimates of the number of milk cows, milk output per cow and total milk production for each month of 1964 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, 1964 with comparisons

Month	Milk per cow			Milk production			
	Average 1958-62	1963	1964	Average 1958-62	1963	1964	Change from 1963
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
January.....	549	599	620	9,867	10,065	10,066	0
February.....	526	565	608	9,421	9,470	9,842	+3.9
March.....	603	651	681	10,778	10,879	11,007	+1.2
April.....	622	672	704	11,088	11,196	11,346	+1.3
May.....	694	742	767	12,331	12,315	12,330	+0.1
June.....	671	715	734	11,901	11,841	11,790	-0.4
July.....	617	658	675	10,913	10,861	10,824	-0.3
August.....	573	615	636	10,114	10,130	10,177	+0.5
September...	536	582	602	9,450	9,558	9,626	+0.7
October.....	540	584	605	9,489	9,557	9,652	+1.0
November....	516	564	588	9,054	9,205	9,370	+1.8
December....	547	596	627	9,580	9,706	9,970	+2.7
Annual....	6,995	7,545	7,848	123,986	124,783	126,000	+1.0

Table 2.-Monthly milk per cow and milk production,  
December 1964, with comparisons

State	Monthly milk per cow <sup>1/</sup>			Milk production			
	Dec. av. <sup>2/</sup>	Dec.	Dec.	Dec. av. <sup>2/</sup>	Dec.	Dec.	Change
	1958-62	1963	1964	1958-62	1963	1964	from 1963
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	-	655	685	-	59	59	0
New Hampshire.....	-	670	710	-	33	33	0
Vermont.....	-	630	660	-	158	161	+ 2
Massachusetts.....	-	780	815	-	67	67	0
Rhode Island.....	-	740	775	-	8.9	8.6	- 3
Connecticut.....	-	785	820	-	59	59	0
New York.....	651	706	756	813	848	902	+ 6
New Jersey.....	732	801	805	94	91	90	- 1
Pennsylvania.....	597	655	675	525	544	547	+ 1
Ohio.....	623	689	705	419	424	417	- 2
Indiana.....	557	620	645	239	243	250	+ 3
Illinois.....	566	630	675	321	310	316	+ 2
Michigan.....	649	730	740	418	454	457	+ 1
Wisconsin.....	649	695	715	1,395	1,471	1,512	+ 3
Minnesota.....	665	689	745	848	867	934	+ 8
Iowa.....	522	574	625	443	442	476	+ 8
Missouri.....	373	390	395	245	231	224	- 3
North Dakota.....	438	450	460	121	112	113	+ 1
South Dakota.....	414	435	465	102	99	104	+ 5
Nebraska.....	453	515	515	145	143	138	- 3
Kansas.....	471	505	525	157	150	149	- 1
Delaware.....	-	610	610	-	14.0	13.4	- 4
Maryland.....	549	595	600	119	125	124	- 1
Virginia.....	455	480	500	151	146	144	- 1
West Virginia.....	367	386	420	47	42	44	+ 5
North Carolina.....	482	520	540	130	128	131	+ 2
South Carolina.....	415	460	480	45	44	44	0
Georgia.....	381	395	425	82	74	76	+ 3
Florida.....	596	650	670	112	116	119	+ 3
Kentucky.....	340	380	395	171	179	179	0
Tennessee.....	305	313	330	150	146	146	0
Alabama.....	309	335	360	75	71	73	+ 3
Mississippi.....	260	295	315	93	86	87	+ 1
Arkansas.....	310	315	345	68	57	58	+ 2
Louisiana.....	-	370	395	-	80	81	+ 1
Oklahoma.....	451	490	515	113	100	101	+ 1
Texas.....	412	472	523	235	239	248	+ 4
Montana.....	427	440	430	33	30	28	- 7
Idaho.....	611	620	630	122	119	117	- 2
Wyoming.....	465	506	500	13.8	12.9	12.5	- 3
Colorado.....	559	625	635	68	67	65	- 3
New Mexico.....	-	575	575	-	23	24	+ 4
Arizona.....	-	820	870	-	42	45	+ 7
Utah.....	643	670	700	61	60	60	0
Nevada.....	605	690	750	9.1	9.7	10.9	+ 12
Washington.....	649	705	719	152	153	155	+ 1
Oregon.....	455	470	485	72	66	66	0
California.....	782	819	864	641	650	688	+ 6
Alaska.....	-	730	770	-	1.9	1.9	0
Hawaii.....	-	790	845	-	11.0	11.9	+ 8
United States.....	547	596	627	9,580	9,706	9,970	+ 2.7

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

<sup>2/</sup> Five-year averages not available for States where not shown.

December milk output per cow 5 percent above a year earlier

Milk production averaged 627 pounds per cow during December for the United States as a whole -- 5 percent above the previous record high for December set a year earlier. The average daily rate of 20.2 pounds per cow during December compares with 19.6 pounds for November -- a seasonal increase of 3 percent, compared with a 2 percent gain in 1963.

Production per cow was at record levels for December in all except 4 States. Output per cow was above the 800-pound level in 6 States; Arizona, California, Hawaii, Massachusetts, Connecticut, and New Jersey. Based on preliminary monthly estimates, the 1964 annual rate per cow averaged 7,848 pounds, 4 percent above 1963 and 12 percent above average.

Milk-feed price ratio higher than a year earlier

The December milk-feed price ratio, at 1.47, was 1 percent higher than in December a year ago, but 3 percent below the 1958-62 average for the month. The more favorable ratio compared with December 1963 resulted from a slight decrease in the value of concentrate ration and a 1-percent increase in the price of milk sold wholesale. The ratio declined 3 percent from November, compared with a 2-percent decline between November and December a year ago. In cream-selling areas, the milkfat-feed price ratio was 23.4, for December, compared with 23.2 a year earlier and the five-year December average of 25.4.

Table 3.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, December 1964, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	Dec. av. 1958-62	Dec. 1963	Nov. 1964	Dec. 1964	Dec. av. 1958-62	Dec. 1963	Nov. 1964	Dec. 1964
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl. ....	5.15	5.00	5.14	4.98	3.54	3.64	3.56	3.60
E. N. Cent. ..	3.96	3.92	4.08	4.03	2.68	2.80	2.78	2.84
W. N. Cent. ..	3.60	3.59	3.73	3.65	2.28	2.42	2.42	2.48
S. Atl. ....	5.69	5.69	5.73	5.69	3.31	3.41	3.34	3.38
S. Cent. ....	5.12	5.21	5.19	5.21	3.02	3.18	3.05	3.09
West. ....	4.64	4.61	4.62	4.70	3.14	3.24	3.16	3.13
U. S.								
Milk areas....	4.46	4.42	4.54	4.47	2.93	3.05	2.99	3.04
Cream areas...	-	-	-	-	2.42	2.53	2.49	2.55
Milk and cream areas.....	-	-	-	-	2.89	3.02	2.97	3.02

Table 4.-Milk-feed and milkfat-feed price ratios, by regions, December 1964, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	Dec. av. 1958-62	Dec. 1963	Nov. 1964	Dec. 1964	Dec. av. 1958-62	Dec. 1963	Nov. 1964	Dec. 1964
N. Atl. ....	1.45	1.37	1.44	1.38	-	-	-	-
E. N. Cent. ..	1.48	1.40	1.47	1.42	21.2	19.7	20.3	19.8
W. N. Cent. ..	1.58	1.48	1.54	1.47	27.7	24.6	25.0	24.4
S. Atl. ....	1.72	1.67	1.72	1.68	-	-	-	-
S. Cent. ....	1.70	1.64	1.70	1.69	17.3	16.2	16.9	16.7
West. ....	1.48	1.42	1.46	1.50	19.2	18.0	18.3	18.7
U. S. ....	1.52	1.45	1.52	1.47	25.4	23.2	23.9	23.4

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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