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MILK

PRODUCTION, DISPOSITION, and INCOME

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U.S. DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
Crop Reporting Board

Washington, D.C.

Da 1-2 (68)

APRIL 1968

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MILK PRODUCTION, DISPOSITION AND INCOME, 1966-67

Milk cows on farms in 1967 numbered 13.5 million -- the least of record, according to the Crop Reporting Board. However, production per cow was highest on record at 8,821 pounds, up 4 percent from the previous record in 1966. Total production of milk during 1967 was 119.3 billion pounds, slightly below the previous year. The farm value of milk produced was a record high of \$6,036 million. Cash receipts from farmers' marketings were \$5,770 million, up 4 percent from the previous record in 1966.

Milk production down slightly in 1967

Milk production in 1967 was 119.3 billion pounds, down one-half percent from 1966, as a decline in cow numbers more than offset a rise in output per cow. By regions, milk production last year decreased 2 percent in the North Atlantic and 1 percent in the East North Central, but gained slightly in the West North Central Region and rose 1 percent in the rest of the Nation.

Farm use of milk continues downward

Milk used on farms where produced is estimated at 5,212 million pounds in 1967. The decline of 5 percent from 1966 is less than the average year-to-year decrease of 8 percent during 1961-65. Use of milk on farms in 1967 consisted of 1,890 million pounds fed to calves, 2,890 million pounds consumed as fluid milk and cream, and 295 million pounds used for farm-churned butter. For 1967, the estimate for total milk used on farms where produced also includes some milk used for other purposes or not utilized.

Marketings by producers about the same as a year earlier

Milk and cream marketed by farmers totaled 114.1 billion pounds of milk equivalent in 1967, about the same as the 114.4 billion pounds marketed in 1966. These marketings consist of whole milk and farm-separated cream sold to plants and dealers and milk sold directly to consumers. Marketing of whole milk to plants totaled 109.9 billion, slightly more than the 109.7 billion pounds marketed in 1966. Sales of farm-separated cream, at 2.4 billion pounds, were 19 percent less than in the previous year. The average year-to-year decrease during 1961-65 was 14 percent. Milk sold directly to consumers totaled 1.8 billion pounds, slightly more than in 1966.

Record-high cash receipts

Farmers' cash receipts from marketings of milk and cream totaled a record high of \$5,770 million in 1967. This was 4 percent above the previous record a year earlier. Cash receipts from marketings increased in all regions, with gains ranging from 3 percent in the North Atlantic and East North Central Regions to 8 percent in the South Atlantic Region. Wisconsin led all States in cash receipts from marketings of milk and cream, followed by New York, California, Minnesota, and Pennsylvania. These 5 States accounted for 44 percent of the national total for cash receipts in 1967.

Returns for combined marketings of milk and cream averaged \$5.06 per hundredweight in 1967. This was record high, exceeding by 22 cents per hundredweight the previous record in 1966.

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Table 1.-Milk cows and production of milk, milkfat, and butter on farms, United States, 1957-67 1/

Year	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage	Total		
		Milk	Milkfat	of fat in all milk produced	Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
1957	19,774	6,303	240	3.81	124,628	4,744	119,354
1958	18,711	6,585	249	3.78	123,220	4,658	96,123
1959	17,901	6,815	256	3.76	121,989	4,588	76,307
1960	17,515	7,029	264	3.76	123,109	4,628	62,895
1961	17,243	7,290	273	3.75	125,707	4,715	51,750
1962	16,842	7,496	280	3.74	126,251	4,718	42,100
1963	16,260	7,700	286	3.71	125,202	4,649	34,100
1964	15,677	8,099	300	3.70	126,967	4,699	27,085
1965	14,954	8,304	307	3.70	124,173	4,597	21,395
1966	14,093	8,507	314	3.69	119,892	4,425	16,265
1967	13,524	8,821	325	3.68	119,294	4,389	13,380

- 1/ Includes Alaska and Hawaii beginning 1960.
 2/ Average number on farms during year, excluding heifers not yet fresh.
 3/ Excludes milk sucked by calves.

Table 2.-Milk used and marketed by farmers, United States, 1957-67 1/

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 2/	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers 3/ as whole milk	Sold directly to consumers 4/ as farm-separated cream	Total	
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	
1957	2,950	7,003	2,428	12,381	98,284	11,669	2,294	112,247
1958	2,767	6,393	1,987	11,147	99,626	10,280	2,167	112,073
1959	2,658	5,776	1,602	10,036	100,809	9,073	2,071	111,953
1960	2,548	5,273	1,337	9,158	103,927	7,938	2,086	113,951
1961	2,432	4,835	1,115	8,382	108,353	6,918	2,054	117,325
1962	2,330	4,419	915	7,664	110,678	5,943	1,966	118,587
1963	2,245	4,070	743	7,058	111,195	5,060	1,889	118,144
1964	2,152	3,742	595	6,489	114,176	4,439	1,863	120,478
1965	2,061	3,443	472	5,976	112,716	3,650	1,831	118,197
1966	1,973	3,146	362	5,481	109,675	2,993	1,743	114,411
1967	1,890	2,890	295	5/5,212	109,892	2,423	1,767	114,082

- 1/ Includes Alaska and Hawaii beginning 1960.
 2/ Excludes milk sucked by calves.
 3/ Includes milk produced by dealers' own herds.
 4/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.
 5/ Includes some milk used for other purposes on farms or not utilized.

Table 3.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1957-67 ^{1/}

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price	Cash	Quantity	Price	Cash	Quantity	Price	Cash
	: 100 lb.	: per lb.	: receipts	: milkfat	: per lb.	: receipts	: quart	: quart	: receipts
	: Mil. lb.	: Dol.	: 1,000 dol.	: 1,000 lb.	: Ct.	: 1,000 dol.	: Mil. qt.	: Ct.	: 1,000 dol.
1957	98,284	4.21	4,137,026	434,890	60.6	263,578	1,066	21.3	227,438
1958	99,626	4.13	4,114,048	382,340	59.3	226,917	1,011	21.3	215,541
1959	100,809	4.16	4,195,492	335,560	60.1	201,769	961	21.5	206,242
1960	103,927	4.21	4,373,174	292,490	60.5	176,860	969	21.7	209,923
1961	108,353	4.22	4,568,016	254,720	61.5	156,607	957	21.7	207,667
1962	110,678	4.09	4,529,454	218,470	59.4	129,814	914	21.9	200,368
1963	111,195	4.10	4,556,278	184,530	59.5	109,886	878	22.2	194,727
1964	114,176	4.15	4,737,507	160,650	60.2	96,660	865	22.3	192,666
1965	112,716	4.23	4,766,470	132,090	61.1	80,674	851	22.3	189,903
1966	109,675	4.81	5,271,099	107,830	67.2	72,509	813	23.2	188,368
1967	109,892	5.02	5,515,329	87,240	66.2	57,744	821	24.0	197,271

^{1/} Includes Alaska and Hawaii beginning 1960.

Table 4.-Farm marketings, income, and value of dairy products, United States, 1957-67 ^{1/}

Year	Combined marketings of milk and cream			Used for milk, cream and butter		Gross income	Farm value
	Milk utilized	Average returns ^{2/}	Cash receipts	on farms where produced	Milk value ^{3/}	from dairy products ^{4/}	of all milk produced ^{5/}
	: pounds	: Per 100 pounds milk	: from milkfat marketings	: from milk utilized	: Value	: products	: 3/ 5/
	: Mil. lb.	: Dol.	: 1,000 dol.	: Mil. lb.	: 1,000 dol.	: 1,000 dol.	: 1,000 dol.
1957	112,247	4.12	1.08	4,628,042	9,431	422,524	5,050,566
1958	112,073	4.07	1.08	4,556,506	8,380	373,267	4,929,773
1959	111,953	4.11	1.09	4,603,503	7,378	328,718	4,932,221
1960	113,951	4.18	1.11	4,759,957	6,610	296,529	5,056,486
1961	117,325	4.20	1.12	4,932,290	5,950	265,275	5,197,565
1962	118,587	4.10	1.10	4,859,636	5,334	231,515	5,091,151
1963	118,144	4.11	1.11	4,860,891	4,813	210,287	5,071,178
1964	120,478	4.17	1.13	5,026,833	4,337	192,053	5,218,886
1965	118,197	4.26	1.15	5,037,047	3,915	174,999	5,212,046
1966	114,411	4.84	1.31	5,531,976	3,508	175,885	5,707,861
1967	114,082	5.06	1.38	5,770,344	3,185	166,808	5,937,152

^{1/} Includes Alaska and Hawaii beginning 1960.

^{2/} Cash receipts divided by milk or milkfat represented in combined marketings.

^{3/} Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

^{4/} Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

^{5/} Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.

Table 5.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1967

State and division	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	72	8,740	332	3.80	629	24	100
N. H.	42	9,240	356	3.85	388	15	---
Vt.	216	8,780	334	3.80	1,896	72	---
Mass.	74	9,960	369	3.70	737	27	---
R. I.	8.8	9,900	366	3.70	87	3	---
Conn.	69	10,050	372	3.70	693	26	---
N. Y.	1,069	9,730	350	3.60	10,401	374	40
N. J.	86	10,130	370	3.65	871	32	---
Pa.	742	9,240	346	3.75	6,856	257	200
N. Atl.	2,379	9,482	349	3.68	22,558	830	340
Ohio	498	9,500	352	3.70	4,731	175	180
Ind.	270	9,370	356	3.80	2,530	96	150
Ill.	358	9,320	340	3.65	3,337	122	130
Mich.	495	9,480	346	3.65	4,693	171	90
Wis.	1,933	9,600	350	3.65	18,557	677	50
E. N. Cent.	3,524	9,524	349	3.67	33,848	1,241	600
Minn.	1,094	9,430	335	3.55	10,316	366	130
Iowa	617	9,120	328	3.60	5,627	203	300
Mo.	397	7,930	301	3.80	3,148	120	750
N. Dak.	173	7,220	253	3.50	1,249	44	250
S. Dak.	210	7,620	267	3.50	1,600	56	150
Nebr.	224	7,440	268	3.60	1,667	60	350
Kans.	221	7,900	288	3.65	1,746	64	250
W. N. Cent.	2,936	8,635	311	3.60	25,353	913	2,180
Del.	16	8,900	329	3.70	142	5	---
Md.	174	8,850	327	3.70	1,540	57	60
Va.	241	7,370	276	3.75	1,776	67	1,500
W. Va.	73	6,110	232	3.80	446	17	500
N. C.	200	7,440	283	3.80	1,488	57	1,500
S. C.	75	6,950	275	3.95	521	21	320
Ge.	144	7,220	274	3.80	1,040	40	650
Fla.	182	8,660	329	3.80	1,576	60	---
S. Atl.	1,105	7,719	293	3.80	8,529	324	4,530
Ky.	380	6,580	253	3.85	2,500	96	900
Tenn.	348	6,160	240	3.90	2,144	84	850
Ala.	150	5,410	203	3.75	812	30	800
Miss.	222	4,980	197	3.95	1,106	44	800
Ark.	108	6,420	244	3.80	693	26	600
La.	188	5,490	214	3.90	1,032	40	150
Okla.	159	8,270	298	3.60	1,315	47	280
Texas	384	8,020	293	3.65	3,080	112	800
S. Cent.	1,939	6,540	247	3.78	12,682	479	5,180
Mont.	49	7,310	263	3.60	358	13	70
Idaho	156	9,250	342	3.70	1,443	53	30
Wyo.	20.5	7,830	278	3.55	161	6	30
Colo.	98	8,460	305	3.60	829	30	100
N. Mex.	38	8,080	287	3.55	307	11	---
Ariz.	51	10,570	375	3.55	539	19	---
Utah	76	9,800	358	3.65	745	27	---
Nev.	13.5	9,930	357	3.60	134	5	---
Wash.	195	10,040	387	3.85	1,958	75	150
Oreg.	117	8,210	337	4.10	961	39	120
Calif.	781	11,170	408	3.65	8,724	318	50
West.	1,595	10,131	374	3.69	16,159	596	550
Alaska	1.9	9,580	350	3.65	18.2	1	---
Hawaii	14.4	10,200	352	3.45	147	5	---
U. S.	13,524	8,821	325	3.68	119,294	4,389	13,380

1/ Average number on farms during year, excluding heifers not yet fresh.
 2/ Excludes milk sucked by calves.

Table 6.-Milk used and marketed by farmers, by States, 1967

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 1/	Consumed as fluid milk and cream	Used for farm-churned butter 4/	Total 4/	Sold to plants and dealers 2/		Sold directly to consumers 3/	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Maine	9	16	3	28	585	-	16	601
N. H.	5	8	-	13	362	-	13	375
Vt.	20	22	-	42	1,825	-	29	1,854
Mass.	6	10	-	16	650	-	71	721
R. I.	1	1	-	2	79	-	6	85
Conn.	8	10	-	18	645	-	30	675
N. Y.	150	104	1	265	10,010	12	114	10,136
N. J.	9	10	-	27	817	-	27	844
Pa.	62	137	5	204	6,440	30	182	6,652
N. Atl.	270	318	9	615	21,413	42	488	21,943
Ohio	80	101	4	208	4,475	15	33	4,523
Ind.	28	58	3	99	2,405	14	12	2,431
Ill.	32	61	3	96	3,210	17	14	3,241
Mich.	92	60	2	172	4,450	50	21	4,521
Wis.	419	232	1	665	17,860	6	26	17,892
E. N. Cent.	651	512	13	1,240	32,400	102	106	32,608
Minn.	170	168	3	361	9,640	300	15	9,955
Iowa	106	143	7	259	4,930	415	23	5,368
Mo.	40	124	16	186	2,890	50	22	2,962
N. Dak.	36	49	6	91	580	570	8	1,158
S. Dak.	29	47	4	80	1,240	275	5	1,520
Nebr.	40	61	8	109	1,260	290	8	1,558
Kans.	39	51	6	96	1,530	100	20	1,650
W. N. Cent.	460	643	50	1,182	22,070	2,000	101	24,171
Del.	1	3	-	4	136	-	2	138
Md.	14	20	1	35	1,490	-	15	1,505
Va.	33	111	34	178	1,545	30	23	1,598
W. Va.	9	56	11	76	350	10	10	370
N. C.	20	139	34	193	1,275	-	20	1,295
S. C.	7	26	7	40	470	-	11	481
Ga.	7	42	14	63	955	-	22	977
Fla.	6	9	-	15	1,445	-	116	1,561
S. Atl.	97	406	101	604	7,666	40	219	7,925
Ky.	35	177	20	250	2,220	6	24	2,250
Tenn.	29	137	17	189	1,940	-	15	1,955
Ala.	8	82	17	107	690	-	15	705
Miss.	11	92	16	119	980	-	7	987
Ark.	8	43	13	64	615	-	14	629
La.	6	66	3	75	940	-	17	957
Okla.	24	52	6	82	1,170	45	18	1,233
Texas	27	89	18	134	2,900	6	40	2,946
S. Cent.	148	738	110	1,020	11,455	57	150	11,662
Mont.	9	32	2	43	243	65	7	315
Idaho	40	38	1	79	1,330	18	16	1,364
Wyo.	5	13	1	19	121	18	3	142
Colo.	23	29	2	54	716	26	33	775
N. Mex.	4	10	-	14	260	-	33	293
Ariz.	6	9	-	15	496	-	28	524
Utah	9	22	-	31	665	4	45	714
Nev.	3	2	-	5	125	2	2	129
Wash.	45	38	3	86	1,785	21	66	1,872
Oreg.	29	29	2	60	850	21	30	901
Calif.	90	50	1	141	8,145	7	431	8,583
West.	263	272	12	547	14,736	182	694	15,612
Alaska	0.2	0.4	-	0.6	17.1	-	0.5	17.6
Hawaii	1	1	-	4	135	-	8	143
U. S.	1,890	2,890	295	5,212	109,892	2,423	1,767	114,082

1/ Excludes milk sucked by calves. 2/ Includes milk produced by dealers' own herds (except for New York and California, where such milk is included as sold directly to consumers). 3/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. 4/ Includes some milk used for other purposes on farms or not utilized.

Table 7.-Milk and cream marketed by farmers: Quantity, price and cash receipts, by States, 1967

State and division	Milk sold to plants and dealers				Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Percent fluid grade 1/	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Mil. lb.	Pct.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. lb.	Ct.	1,000 dol.
Maine	585	100	6.03	35,276	-	-	-	7	26.5	1,855
N. H.	362	100	6.04	21,865	-	-	-	6	26.5	1,590
Vt.	1,825	100	5.58	101,835	-	-	-	13	25.6	3,328
Mass.	650	100	6.06	39,390	-	-	-	33	27.3	9,009
R. I.	79	100	6.05	4,780	-	-	-	3	27.3	819
Conn.	645	100	6.29	40,570	-	-	-	14	27.5	3,850
N. Y.	10,010	100	5.19	519,519	470	55	258	53	22.9	12,137
N. J.	817	100	5.57	45,507	-	-	-	13	27.4	3,562
Pa.	6,440	98	5.68	365,792	1,120	55	616	85	21.7	18,445
N. Atl.	21,413	99	5.49	1,174,534	1,590	55.0	874	227	24.1	54,595
Ohio	4,475	86	5.41	242,098	580	51	296	15	24.7	3,705
Ind.	2,405	82	5.21	125,300	550	50	275	6	23.5	1,410
Ill.	3,210	69	4.63	148,623	620	59	366	7	23.2	1,624
Mich.	4,450	86	5.28	234,960	1,880	64	1,203	10	22.4	2,240
Wis.	17,860	44	4.38	782,268	220	72	158	12	24.0	2,880
E.N. Cent.	32,400	61	4.73	1,533,249	3,850	59.7	2,298	50	23.7	11,859
Minn.	9,640	19	4.12	397,168	10,620	73	7,753	7	20.0	1,400
Iowa	4,930	23	4.22	208,046	14,820	69	10,226	11	23.4	2,574
Mo.	2,890	49	4.58	132,362	1,980	56	1,109	10	22.4	2,240
N. Dak.	580	43	4.15	24,070	19,950	70	13,965	4	22.4	896
S. Dak.	1,240	17	4.16	51,584	9,620	67	6,445	2	23.5	470
Nebr.	1,260	40	4.43	55,818	10,380	62	6,436	4	21.5	860
Kans.	1,530	68	4.86	74,358	3,680	59	2,171	9	21.2	1,908
W.N. Cent.	22,070	29	4.27	943,406	71,050	67.7	48,105	47	22.0	10,348
Del.	136	2/	5.91	8,038	-	-	-	1	25.5	255
Md.	1,490	2/	5.86	87,314	-	-	-	7	26.5	1,855
Va.	1,545	82	5.81	89,764	1,200	47	564	11	25.7	2,827
W. Va.	350	2/	5.76	20,160	410	48	197	5	24.3	1,215
N. C.	1,275	94	6.41	81,728	-	-	-	9	23.1	2,079
S. C.	470	2/	6.54	30,738	-	-	-	5	22.8	1,140
Ga.	955	100	6.43	61,406	-	-	-	10	23.5	2,350
Fla.	1,445	100	6.76	97,682	-	-	-	54	28.0	15,120
S. Atl.	7,666	94	6.22	476,830	1,610	47.3	761	102	26.3	26,841
Ky.	2,220	57	4.85	107,670	240	50	120	11	22.8	2,508
Tenn.	1,940	61	5.20	100,880	-	-	-	7	19.8	1,386
Ala.	690	97	6.42	44,298	-	-	-	7	20.8	1,456
Miss.	980	85	5.81	56,938	-	-	-	3	21.7	651
Ark.	615	67	5.47	33,640	-	-	-	7	22.2	1,554
La.	940	100	6.49	61,006	-	-	-	8	24.5	1,960
Okla.	1,170	91	5.25	61,425	1,730	57	986	8	21.8	1,744
Texas	2,900	100	6.02	174,580	230	55	126	19	26.0	4,940
S. Cent.	11,455	81	5.59	640,437	2,200	56.0	1,232	70	23.1	16,199
Mont.	243	88	5.03	12,223	2,420	65	1,573	3	27.0	810
Idaho	1,330	24	4.20	55,860	660	64	422	7	23.5	1,645
Wyo.	121	2/	4.94	5,977	640	62	397	1	28.0	280
Colo.	716	97	5.64	40,382	980	60	588	15	26.2	3,930
N. Mex.	260	100	5.80	15,080	-	-	-	15	24.3	3,645
Ariz.	496	100	5.88	29,165	-	-	-	13	24.2	3,146
Utah	665	71	4.88	32,452	140	59	83	21	20.0	4,200
Nev.	125	100	5.55	6,938	70	64	45	1	27.0	270
Wash.	1,785	99	5.20	92,820	870	64	557	31	25.1	7,781
Oreg.	850	76	5.38	45,730	900	70	630	14	25.0	3,500
Calif.	8,145	89	4.87	396,662	260	69	179	200	23.5	47,000
West.	14,736	84	4.98	733,289	6,940	64.5	4,474	321	23.7	76,207
Alaska	17.1	100	10.44	1,785	-	-	-	0.2	40.8	82
Hawaii	135	100	8.74	11,799	-	-	-	4	28.5	1,140
U. S.	109,892	69	5.02	5,515,329	87,240	66.2	57,744	821	24.0	197,271

1/ Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States).

Includes fluid-grade milk used in manufactured dairy products.

2/ Not published to avoid disclosing individual operations for manufacturing grade milk.

Table 8.-Farm marketings, income, and value of dairy products, by States, 1967

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products		Farm value of milk produced	
	Milk utilized	Average returns 1/		Cash receipts from marketings	Milk utilized	Value 2/	1,000 dol.	1,000 dol.	2/	4/
		Per 100 pounds of milk	Per pound milkfat							
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.		
Maine	601	6.18	1.63	37,131	19	1,174	38,305	38,872		
N. H.	375	6.25	1.62	23,455	8	500	23,955	24,250		
Vt.	1,854	5.67	1.49	105,163	22	1,247	106,410	107,503		
Mass.	721	6.71	1.81	48,399	10	671	49,070	49,453		
R. I.	85	6.59	1.78	5,599	1	66	5,665	5,733		
Conn.	675	6.58	1.78	44,420	10	658	45,078	45,599		
N. Y.	10,136	5.25	1.46	531,914	105	5,512	537,426	546,052		
N. J.	844	5.81	1.59	49,069	10	581	49,650	50,605		
Pa.	6,652	5.79	1.54	384,853	142	8,222	393,075	396,962		
N. Atl.	21,943	5.61	1.52	1,230,003	327	18,631	1,248,634	1,265,029		
Ohio	4,523	5.44	1.47	246,099	105	5,712	251,811	257,366		
Ind.	2,431	5.22	1.37	126,985	61	3,184	130,169	132,066		
Ill.	3,241	4.65	1.27	150,613	64	2,976	153,589	155,170		
Mich.	4,521	5.27	1.44	238,403	62	3,267	241,670	247,321		
Wis.	17,892	4.39	1.20	785,306	233	10,229	795,535	814,652		
E. N. Cent.	32,608	4.75	1.29	1,547,406	525	25,368	1,572,774	1,606,575		
Minn.	9,955	4.08	1.15	406,321	171	6,977	413,298	420,893		
Iowa	5,368	4.11	1.14	220,846	150	6,165	227,011	231,270		
Mo.	2,962	4.58	1.21	135,711	140	6,412	142,123	144,178		
N. Dak.	1,158	3.36	.96	38,831	55	1,848	40,779	41,966		
S. Dak.	1,520	3.85	1.10	58,499	51	1,964	60,463	61,600		
Nebr.	1,558	4.05	1.12	63,114	69	2,794	65,908	67,514		
Kans.	1,650	4.75	1.30	78,437	57	2,708	81,145	82,935		
W. N. Cent.	24,171	4.14	1.15	1,001,859	693	28,868	1,030,727	1,050,356		
Del.	138	6.01	1.62	8,293	3	180	8,473	8,534		
Md.	1,505	5.92	1.60	89,169	21	1,243	90,412	91,168		
Va.	1,598	5.83	1.55	93,155	145	8,454	101,609	103,541		
W. Va.	370	5.83	1.53	21,572	67	3,906	25,478	26,002		
N. C.	1,295	6.47	1.70	83,807	173	11,193	95,000	96,274		
S. C.	481	6.63	1.68	31,878	33	2,188	34,066	34,542		
Ga.	977	6.53	1.72	63,756	56	3,657	67,413	67,912		
Fla.	1,561	7.23	1.90	112,802	9	651	113,453	113,945		
S. Atl.	7,925	6.37	1.68	504,432	507	31,472	535,904	541,918		
Ky.	2,250	4.90	1.27	110,298	197	9,693	119,951	122,500		
Tenn.	1,955	5.23	1.34	102,266	154	8,054	110,320	112,131		
Ala.	705	6.49	1.73	45,754	99	6,425	52,179	52,699		
Miss.	987	5.83	1.48	57,589	108	6,296	63,885	64,480		
Ark.	629	5.60	1.47	35,194	56	3,136	38,330	38,808		
La.	957	6.58	1.69	62,966	69	4,540	67,506	67,906		
Okla.	1,233	5.20	1.44	64,155	58	3,016	67,171	68,380		
Texas	2,946	6.10	1.67	179,646	107	6,527	186,173	187,880		
S. Cent.	11,662	5.64	1.49	657,868	848	47,647	705,515	714,784		
Mont.	315	4.64	1.29	14,606	34	1,578	16,184	16,611		
Idaho	1,364	4.25	1.15	57,927	39	1,658	59,585	61,328		
Wyo.	142	4.69	1.32	6,654	14	657	7,311	7,551		
Colo.	775	5.79	1.61	44,900	31	1,795	46,695	47,999		
N. Mex.	293	6.39	1.80	18,725	10	639	19,364	19,617		
Ariz.	524	6.17	1.74	32,311	9	555	32,866	33,256		
Utah	714	5.14	1.41	36,735	22	1,131	37,866	38,293		
Nev.	129	5.62	1.56	7,253	2	112	7,365	7,531		
Wash.	1,872	5.40	1.40	101,158	41	2,214	103,372	105,732		
Oreg.	901	5.53	1.35	49,860	31	1,714	51,574	53,143		
Calif.	8,583	5.17	1.42	443,841	51	2,637	446,478	451,031		
West.	15,612	5.21	1.41	813,970	284	14,690	828,660	842,092		
Alaska	17.6	10.61	2.91	1,867	0.4	42	1,909	1,931		
Hawaii	143	9.05	2.62	12,939	1	90	13,029	13,304		
U. S.	114,082	5.06	1.38	5,770,344	3,185	166,808	5,937,152	6,035,989		

- 1/ Cash receipts divided by milk or milkfat represented in combined marketings.
2/ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
3/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.
4/ Includes value of milk fed to calves, used for other purposes on farms or not utilized.

Table 9.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1966

State and division	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lbs.	Mil. lbs.	1,000 lbs.
Me.	75	8,500	327	3.85	638	25	140
N. H.	42	9,100	350	3.85	382	15	-
Vt.	218	8,710	335	3.85	1,899	73	-
Mass.	76	10,000	370	3.70	760	28	-
R. I.	9.6	9,900	366	3.70	95	4	-
Conn.	70	10,030	371	3.70	702	26	-
N. Y.	1,109	9,540	343	3.60	10,580	381	60
N. J.	93	10,180	372	3.65	947	35	-
Pa.	767	9,240	346	3.75	7,087	266	250
N. Atl.	2,460	9,386	347	3.69	23,090	853	450
Ohio	523	9,440	349	3.70	4,937	183	230
Ind.	297	9,160	348	3.80	2,721	103	150
Ill.	386	9,130	333	3.65	3,524	129	170
Mich.	535	9,460	345	3.65	5,061	185	90
Wis.	1,975	9,140	334	3.65	18,052	659	35
E. N. Cent.	3,716	9,229	339	3.67	34,295	1,259	675
Minn.	1,145	8,820	313	3.55	10,099	359	130
Iowa	652	8,680	312	3.60	5,659	204	350
Mo.	422	7,510	289	3.85	3,169	122	900
N. Dak.	196	6,810	238	3.50	1,335	47	300
S. Dak.	216	7,400	259	3.50	1,598	56	180
Nebr.	236	7,260	258	3.55	1,713	61	400
Kans.	232	7,490	273	3.65	1,738	63	310
W. N. Cent.	3,099	8,167	294	3.60	25,311	912	2,570
Del.	17	8,590	318	3.70	146	5	--
MD.	180	8,530	320	3.75	1,535	58	80
Va.	250	7,180	269	3.75	1,795	67	1,800
W. Va.	79	5,900	224	3.80	466	18	600
N. C.	208	7,090	269	3.80	1,475	56	1,800
S. C.	77	6,660	263	3.95	513	20	400
Ge.	150	6,670	253	3.80	1,000	38	800
Fla.	180	8,200	316	3.85	1,476	57	-
S. Atl.	1,141	7,367	280	3.79	8,406	319	5,480
Ky.	396	6,440	251	3.90	2,550	99	1,100
Tenn.	369	5,750	227	3.95	2,122	84	1,000
Ala.	158	5,150	196	3.80	814	31	1,000
Miss.	242	4,630	185	4.00	1,120	45	1,000
Ark.	116	6,070	231	3.80	704	27	700
La.	196	5,160	204	3.95	1,011	40	200
Okla.	168	7,740	283	3.65	1,300	47	350
Texas	402	7,330	271	3.70	2,947	109	1,000
S. Cent.	2,047	6,140	235	3.84	12,568	482	6,350
Mont.	54	6,960	254	3.65	376	14	100
Idaho	162	9,000	333	3.70	1,458	54	50
Wyo.	21.5	7,600	270	3.55	163	6	50
Colo.	99	8,290	298	3.60	821	30	140
N. Mex.	38	7,740	279	3.60	294	11	-
Ariz.	52	10,270	365	3.55	534	19	-
Utah	77	9,560	344	3.60	736	26	-
Nev.	13.4	10,000	360	3.60	134	5	-
Wash.	199	9,830	378	3.85	1,956	75	180
Oreg.	122	8,020	329	4.10	978	40	150
Calif.	775	11,100	405	3.65	8,602	314	70
West.	1,613	9,952	368	3.70	16,052	594	740
Alaska	2.0	9,500	352	3.70	19.0	1	-
Hawaii	15.0	10,060	347	3.45	151	5	-
U. S.	14,093	8,507	314	3.69	119,892	4,425	16,265

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

Table 10.-Milk used and marketed by farmers, by States, 1966

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves 1/	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers 2/		Sold directly to consumers 3/	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Ma.	9	17	3	29	590	-	19	609
N. H.	5	9	-	14	355	-	13	368
Vt.	20	22	-	42	1,830	-	27	1,857
Mass.	6	11	-	17	670	-	73	743
R. I.	1	1	-	2	87	-	6	93
Conn.	9	11	-	20	643	-	39	682
N. Y.	155	113	1	269	10,170	13	128	10,311
N. J.	10	11	-	21	900	-	26	926
Pa.	66	145	6	217	6,660	30	180	6,870
N. Atl.	281	340	10	631	21,905	43	511	22,459
Ohio	86	111	5	202	4,680	19	36	4,735
Ind.	30	62	3	95	2,600	14	12	2,626
Ill.	35	70	4	109	3,380	20	15	3,415
Mich.	95	66	2	163	4,815	60	23	4,898
Wis.	430	240	1	671	17,350	5	26	17,381
E. N. Cent.	676	549	15	1,240	32,825	118	112	33,055
Minn.	173	178	3	354	9,390	340	15	9,745
Iowa	111	170	8	289	4,805	540	25	5,370
Mo.	42	135	19	196	2,890	60	23	2,973
N. Dak.	39	55	8	102	500	725	8	1,233
S. Dak.	33	50	5	88	1,200	305	5	1,510
Nebr.	44	70	10	124	1,190	390	9	1,589
Kans.	43	57	7	107	1,470	140	21	1,631
W. N. Cent.	485	715	60	1,260	21,445	2,500	106	24,051
Del.	2	3	-	5	139	-	2	141
Md.	15	22	2	39	1,480	-	16	1,496
Va.	34	121	41	196	1,540	35	24	1,599
W. Va.	10	62	14	86	355	12	13	380
N. C.	22	150	41	213	1,240	-	22	1,262
S. C.	7	30	9	46	455	-	12	467
Ga.	7	46	18	71	905	-	24	929
Fla.	6	10	-	16	1,420	-	40	1,460
S. Atl.	103	444	125	672	7,534	47	153	7,734
Ky.	36	191	24	251	2,265	7	27	2,299
Tenn.	30	145	20	195	1,910	1	16	1,927
Ala.	9	91	22	122	675	-	17	692
Miss.	12	100	20	132	980	-	8	988
Ark.	9	50	15	74	615	-	15	630
La.	7	73	4	84	910	-	17	927
Okla.	25	58	8	91	1,135	56	18	1,209
Texas	28	98	23	149	2,750	7	41	2,798
S. Cent.	156	806	136	1,098	11,240	71	159	11,470
Mont.	10	34	2	46	248	75	7	330
Idaho	41	40	1	82	1,335	24	17	1,376
Wyo.	5	14	1	20	119	21	3	143
Colo.	24	32	3	59	700	32	30	762
N. Mex.	4	11	-	15	245	-	34	279
Ariz.	6	9	-	15	492	-	27	519
Utah	10	24	-	34	655	4	43	702
Nev.	3	2	-	5	125	-	2	129
Wash.	46	42	4	92	1,775	22	67	1,864
Oreg.	30	31	3	64	855	25	34	914
Calif.	91	52	2	145	8,017	9	431	8,457
West.	270	291	16	577	14,566	214	695	15,475
Alaska	0.3	0.4	-	0.7	17.8	-	0.5	18.3
Hawaii	1	1	-	2	142	-	7	149
U. S.	1,973	3,146	362	5,481	109,675	2,993	1,743	114,411

1/ Excludes milk sucked by calves.

2/ Includes milk produced by dealers' own herds (except for New York and California, where such milk is included as milk sold directly to consumers).

3/ Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

Table 11.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1966

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers			
	Quantity	Percent fluid grade 1/	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity per quart	Price per quart	Cash receipts
	Mil. lb.	Pct.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me.	590	100	5.76	33,984	-	-	-	9	26.1	2,349
N. H.	355	100	5.91	20,980	-	-	-	6	26.0	1,560
Vt.	1,830	100	5.37	98,271	-	-	-	13	24.4	3,172
Mass.	670	100	6.15	41,205	-	-	-	34	26.4	8,976
R. I.	87	100	6.17	5,368	-	-	-	3	26.7	801
Conn.	643	100	6.19	39,802	-	-	-	18	27.2	4,896
N. Y.	10,170	100	4.91	499,347	510	56	286	60	22.1	13,260
N. J.	900	100	5.49	49,410	-	-	-	12	26.1	3,132
Pa.	6,660	98	5.25	349,650	1,120	57	638	84	21.1	17,724
N. Atl. ...	21,905	99	5.20	1,138,017	1,630	56.7	924	239	23.4	55,870
Ohio	4,680	85	5.04	235,872	740	52	385	17	24.2	4,114
Ind.	2,600	81	4.89	127,140	550	52	286	6	22.2	1,332
Ill.	3,380	68	4.49	151,762	740	61	451	7	21.0	1,470
Mich.	4,815	85	4.81	231,602	2,240	66	1,478	11	21.1	2,321
Wis.	17,350	43	4.26	739,110	180	73	131	12	22.6	2,712
E.N. Cent.:	32,825	61	4.53	1,485,486	4,450	61.4	2,731	53	22.5	11,949
Minn.	9,390	18	3.92	368,088	12,040	71	8,548	7	21.5	1,505
Iowa	4,805	23	4.13	198,446	19,280	72	13,882	12	22.2	2,664
Mo.	2,890	48	4.45	128,605	2,400	59	1,416	11	20.7	2,277
N. Dak.	500	44	3.93	19,650	25,380	71	18,020	4	21.1	844
S. Dak.	1,200	17	3.96	47,520	10,710	69	7,390	2	23.1	462
Nebr.	1,190	39	4.29	51,051	13,960	62	8,655	4	20.7	828
Kans.	1,470	68	4.66	68,502	5,150	63	3,244	10	20.8	2,080
W.N. Cent.:	21,445	28	4.11	881,862	88,920	68.8	61,155	50	21.3	10,660
Del.	139	2/	5.60	7,784	-	-	-	1	24.2	242
Md.	1,480	2/	5.55	82,140	-	-	-	7	25.5	1,785
Va.	1,540	81	5.51	84,854	1,400	48	672	11	25.6	2,816
W. Va.	355	2/	5.39	19,134	500	48	240	6	24.5	1,470
N. C.	1,240	94	6.15	76,260	-	-	-	10	21.4	2,140
S. C.	455	2/	6.10	27,755	-	-	-	6	22.8	1,368
Ga.	905	99	6.18	55,929	-	-	-	11	22.8	2,508
Fla.	1,420	100	6.63	94,146	-	-	-	19	25.7	4,883
S. Atl. ...	7,534	94	5.95	448,002	1,900	48.0	912	71	24.2	17,212
Ky.	2,265	55	4.69	106,228	280	54	151	13	23.6	3,068
Tenn.	1,910	61	5.02	95,882	40	52	21	7	19.7	1,379
Ala.	675	96	6.02	40,635	-	-	-	8	19.1	1,528
Miss.	980	84	5.62	55,076	-	-	-	4	21.3	852
Ark.	615	65	5.17	31,796	-	-	-	7	21.4	1,498
La.	910	100	6.19	56,329	-	-	-	8	22.4	1,792
Okla.	1,135	90	5.23	59,360	2,180	59	1,286	8	21.2	1,696
Texas	2,750	100	5.91	162,525	270	49	132	19	25.6	4,864
S. Cent. :	11,240	80	5.41	607,831	2,770	57.4	1,590	74	22.5	16,677
Mont.	248	87	4.77	11,830	2,790	65	1,814	3	25.2	756
Idaho	1,335	26	4.07	54,334	880	63	554	8	22.4	1,792
Wyo.	119	2/	4.75	5,652	750	62	465	1	25.0	250
Colo.	700	97	5.42	37,940	1,210	60	726	14	25.3	3,542
N. Mex.	245	100	5.71	13,990	-	-	-	16	23.2	3,712
Ariz.	492	100	5.69	27,995	-	-	-	13	23.8	3,094
Utah	655	72	4.67	30,588	140	53	74	20	19.2	3,840
Nev.	125	100	5.36	6,700	70	68	48	1	26.0	260
Wash.	1,775	99	4.90	86,975	910	62	564	31	23.6	7,316
Oreg.	855	73	5.04	43,092	1,070	68	728	16	25.4	4,064
Calif.	8,017	89	4.71	377,601	340	66	224	200	23.2	46,400
West.	14,566	84	4.78	696,697	8,160	63.7	5,197	323	23.2	75,026
Alaska	17.8	100	10.12	1,801	-	-	-	0.2	39.8	80
Hawaii	142	100	8.03	11,403	-	-	-	3	29.8	894
U. S.	109,675	69	4.81	5,271,099	107,830	67.2	72,509	813	23.2	188,368

1/ Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

2/ Not published to avoid disclosing individual operations for manufacturing grade milk.

Table 12.-Farm marketings, income, and value of dairy products, by States, 1966

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy	Farm value of milk produced
	Milk utilized	Average returns 1/		Cash receipts from marketings	Milk utilized	Value 2/	products 3/	2/ 4/
		Per 100 pounds	Per pound					
		Dol.	Dol.					
1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.					
Maine.....	609	5.97	1.55	36,333	20	1,194	37,527	38,089
N. H.	368	6.12	1.59	22,540	9	551	23,091	23,378
Vt.	1,857	5.46	1.42	101,443	22	1,201	102,644	103,685
Mass.	743	6.75	1.82	50,181	11	742	50,923	51,300
R. I.	93	6.63	1.79	6,169	1	66	6,235	6,298
Conn.	682	6.55	1.77	44,698	11	720	45,418	45,981
N. Y.	10,311	4.97	1.38	512,893	114	5,666	518,559	525,826
N. J.	926	5.67	1.55	52,542	11	624	53,166	53,695
Pa.	6,870	5.36	1.43	368,012	151	8,094	376,106	379,863
N. Atl. ...	22,459	5.32	1.44	1,194,811	350	18,858	1,213,669	1,228,115
Ohio	4,735	5.08	1.37	240,371	116	5,893	246,264	250,800
Ind.	2,626	4.90	1.29	128,758	65	3,185	131,943	133,329
Ill.	3,415	4.50	1.23	153,683	74	3,330	157,013	158,580
Mich.	4,898	4.81	1.32	235,401	68	3,271	238,672	243,434
Wis.	17,381	4.27	1.17	741,953	241	10,291	752,244	770,820
E.N. Cent.:	33,055	4.54	1.24	1,500,166	564	25,970	1,526,136	1,556,963
Minn.	9,745	3.88	1.09	378,141	181	7,023	385,164	391,841
Iowa	5,370	4.00	1.11	214,992	178	7,120	222,112	226,360
Mo.	2,973	4.45	1.16	132,298	154	6,853	139,151	141,020
N. Dak.	1,233	3.12	.89	38,514	63	1,966	40,480	41,652
S. Dak.	1,510	3.67	1.05	55,372	55	2,018	57,390	58,647
Nebr.	1,589	3.81	1.07	60,534	80	3,048	63,582	65,265
Kans.	1,631	4.53	1.24	73,826	64	2,899	76,725	78,731
W.N. Cent.:	24,051	3.97	1.10	953,677	775	30,927	984,604	1,003,516
Del.	141	5.69	1.54	8,026	3	171	8,197	8,307
Md.	1,496	5.61	1.50	83,925	24	1,346	85,271	86,114
Va.	1,599	5.52	1.47	88,342	162	8,942	97,284	99,084
W. Va.	380	5.49	1.44	20,844	76	4,172	25,016	25,583
N. C.	1,262	6.21	1.63	78,400	191	11,861	90,261	91,598
S. C.	467	6.24	1.58	29,123	39	2,434	31,557	32,011
Ge.	929	6.29	1.66	58,437	64	4,026	62,463	62,900
Fla.	1,460	6.78	1.76	99,029	10	678	99,707	100,073
S. Atl. ...	7,734	6.03	1.59	466,126	569	33,630	499,756	505,670
Ky.	2,299	4.76	1.22	109,447	215	10,234	119,681	121,380
Tenn.	1,927	5.05	1.28	97,282	165	8,332	105,614	107,161
Ala.	692	6.09	1.60	42,163	113	6,882	49,045	49,573
Miss.	988	5.66	1.42	55,928	120	6,792	62,720	63,392
Ark.	630	5.28	1.39	33,294	65	3,432	36,726	37,171
La.	927	6.27	1.59	58,121	77	4,828	62,949	63,390
Okla.	1,209	5.16	1.41	62,342	66	3,406	65,748	67,080
Texas	2,798	5.99	1.62	167,521	121	7,248	174,769	176,525
S. Cent. :	11,470	5.46	1.42	626,098	942	51,154	677,252	685,672
Mont.	330	4.36	1.19	14,400	36	1,570	15,970	16,394
Idaho	1,376	4.12	1.11	56,680	41	1,689	58,369	60,070
Wyo.	143	4.45	1.25	6,367	15	668	7,035	7,254
Colo.	762	5.54	1.54	42,208	35	1,939	44,147	45,483
N. Mex.	279	6.34	1.76	17,702	11	697	18,399	18,640
Ariz.	519	5.99	1.69	31,089	9	539	31,628	31,987
Utah	702	4.91	1.36	34,502	24	1,178	35,680	36,138
Nev.	129	5.43	1.51	7,008	2	109	7,117	7,276
Wash.	1,864	5.09	1.32	94,855	46	2,341	97,196	99,560
Oreg.	914	5.24	1.28	47,884	34	1,782	49,666	51,247
Calif.	8,457	5.02	1.38	424,225	54	2,711	426,936	431,820
West.	15,475	5.02	1.36	776,920	307	15,223	792,143	805,869
Alaska	18.3	10.28	2.78	1,881	0.4	41	1,922	1,953
Hawaii	149	8.25	2.39	12,297	1	82	12,379	12,458
U. S.	114,411	4.84	1.31	5,531,976	3,508	175,885	5,707,861	5,800,216

1/ Cash receipts divided by milk or milkfat represented in combined marketings.

2/ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

3/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

4/ Includes value of milk fed to calves.

Table 13.-Supply and utilization of milk, United States, 1963-67

Item	1963	1964	1965	1966	1967
	<u>Mil. lb.</u>				
Milk production	125,202	126,967	124,173	119,892	119,294
Net imports of ingredients (M.E.) ^{1/}	113	90	149	1,431	1,337
Net change in storage cream (M.E.) ^{2/}	20	-37	10	-60	43
Total supply	125,335	127,020	124,332	121,263	120,674
<u>Utilization (milk equivalent)</u>					
Used in manufactured products--					
Creamery butter, total M. E.	31,967	32,576	29,867	25,084	27,843
M.E. of butter from whey cream :	1,233	1,301	1,319	1,414	1,451
Net milk equivalent	30,734	31,275	28,548	23,670	26,392
Cheese:					
American	10,920	11,454	11,458	12,165	12,652
Other	3,890	4,162	4,277	4,527	4,482
Cottage cheese, creamed	999	1,042	1,046	1,038	1,059
Canned milk:					
Evaporated	3,854	3,850	3,471	3,490	3,071
Sweetened condensed	174	209	214	287	144
Bulk condensed whole milk:					
Unsweetened	800	846	780	710	717
Sweetened	137	140	151	152	155
Dry whole milk	673	648	654	698	614
Ice cream and other frozen dairy products, total M.E.					
M.E. of butter and condensed milk used in ice cream	1,901	1,953	1,987	-6/1,967	6/1,987
Net milk equivalent	9,949	10,262	10,570	10,523	10,628
Other manufactured products ^{3/}	537	650	599	612	606
Total manufactured products	62,667	64,538	61,768	57,872	60,520
Used in fluid products --					
Sold by dealers	52,411	53,037	53,569	53,657	52,533
Sold by producers					
directly to consumers ^{4/}	1,889	1,863	1,831	1,743	1,767
Total fluid sales	54,300	54,900	55,400	55,400	54,300
Used on farms where produced --					
Fed to calves	2,245	2,152	2,061	1,973	1,890
Consumed as fluid milk and cream ..	4,070	3,742	3,443	3,146	2,890
Used for farm-churned butter	743	595	472	362	295
Total used on farms	7,058	6,489	5,976	5,481	5,075
Other utilization ^{5/}	1,310	1,093	1,188	2,510	642
Total utilization	125,335	127,020	124,332	121,263	120,674

^{1/} Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. A negative figure represents net exports of ingredients.

^{2/} Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.

^{3/} Whole milk equivalent of dry cream, malted milk powder, part-skim dry milk, dry or concentrated ice cream mix, dehydrated butterfat and other miscellaneous products using milkfat.

^{4/} Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

^{5/} Residual, including minor miscellaneous uses and any inaccuracies in production and utilization estimates.

^{6/} Without adjustment for imported butterfat-sugar mixtures which may have replaced butter and condensed milk used in ice cream.

^{7/} Includes some milk used for other purposes on farms or not utilized.

Continued from page 3

Cash receipts from milk sold to plants and dealers totaled \$5,515 million in 1967, an increase of 5 percent from 1966. Returns from sale of cream were \$57.7 million, down 20 percent from the previous year. Sales by farmers directly to consumers produced \$197.3 million of receipts compared to \$188.4 million in 1966. The value of milk used on farms in 1967 is estimated at \$166.8 million, down 5 percent from a year earlier. The farm value of all milk produced in 1967 was \$6,036 million, a 4-percent increase over 1966.

Supply and Utilization of Milk: Data on milk supply and utilization (table 13) are published in whole milk equivalent, based on the milkfat content of ingredients and products. The total supply consists of milk production plus the milk equivalent of net imports of dairy manufacturing ingredients and net out-of-storage movement of cream. Data on milk use in manufactured products are based on the total milkfat required to produce the products and include the milk equivalent of any imported ingredients used. Consumption of fluid milk and cream is reported in separate estimates of sales by dealers, sales by producers directly to consumers, and milk consumed on farms where produced.

Fluid Grade Milk Share of Plant Deliveries Unchanged: Fluid grade milk accounted for 69 percent of all whole milk sold to plants and dealers in 1967--the same percentage as in 1966. The percentage of fluid grade was up 1 point in the West North Central and South Central Regions and unchanged elsewhere. The percentage of fluid-grade milk, by States, is published for the first time in tables 7 and 11 of this report. During 1967, all milk marketed was fluid grade in 17 States, including all North Atlantic States except Pennsylvania. Fluid grade milk accounted for less than half of the total milk marketed in Wisconsin, in each of the West North Central States except Kansas, and in Idaho.

Table 15.-Fluid grade milk as percent of all milk sold by farmers to plants and dealers, by regions, 1960-67 ^{1/}

Region	1960	1961	1962	1963	1964	1965	1966	1967
	<u>Pct.</u>							
North Atlantic	99	99	99	99	99	99	99	99
East North Central ..	55	57	58	60	59	60	61	61
West North Central ..	31	30	29	29	28	28	28	29
South Atlantic	90	90	91	92	92	93	94	94
South Central	73	73	74	75	76	78	80	81
Western	74	75	76	78	82	82	84	84
U. S.	67	67	67	68	68	69	69	69

^{1/} Percentage eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufactured products.

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