

MILK PRODUCTION

April 13, 1964

Special in this issue
 INTERSTATE MOVEMENT OF DAIRY CATTLE,
 SELECTED STATES, 1963, page 6

SUMMARY

Milk production in the United States during March is estimated at 11,007 million pounds, 1 percent above a year earlier and a record high for the month. On a daily average basis, the seasonal increase from February to March was 5 percent, compared with a 4 percent gain last year. Relative to population, March milk production was 1.86 pounds per person daily, the same as a year earlier. March milk output averaged 681 pounds per cow -- a 5 percent gain over the same month last year and 13 percent above the 1958-62 average for the month.

Reported condition of dairy pastures on April 1 averaged 72 percent of normal for the United States -- 2 points below a year earlier and 5 points below the 1958-62 average for the date. In many areas, the poor spring prospects were the result of damage from extended drought last summer and fall. Unusually cold weather during the last half of March delayed spring pasture growth. Grain and concentrates fed to milk cows in reporters' herds on April 1 averaged 9.4 pounds per cow, one-half pound more than a year earlier.

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		11,088	11,196		
May.....	694	742		12,331	12,315		
June.....	671	715		11,901	11,841		
July.....	617	658		10,913	10,861		
August.....	573	615		10,114	10,130		
September....	536	582		9,450	9,558		
October.....	540	584		9,489	9,557		
November.....	516	564		9,054	9,205		
December.....	547	596		9,580	9,706		
Annual.....	6,995	7,545		123,986	124,783		

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

State	Monthly milk per cow 1/			Milk production			
	Mar. av. 1958-62 2/	Mar. 1963	Mar. 1964	Mar. av. 1958-62 2/	Mar. 1963	Mar. 1964	Change from 1963
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	-	695	720	-	63	64	+ 2
New Hampshire.....	-	735	755	-	37	37	0
Vermont.....	-	690	715	-	175	179	+ 2
Massachusetts.....	-	820	830	-	72	71	- 1
Rhode Island.....	-	785	810	-	9.6	9.6	0
Connecticut.....	-	810	820	-	62	62	0
New York.....	727	796	812	913	980	966	- 1
New Jersey.....	794	862	880	104	103	100	- 3
Pennsylvania.....	681	760	780	603	653	644	- 1
Ohio.....	629	714	760	434	452	463	+ 2
Indiana.....	610	690	735	269	277	286	+ 3
Illinois.....	627	670	725	372	342	352	+ 3
Michigan.....	669	750	775	437	473	480	+ 1
Wisconsin.....	762	770	815	1,650	1,642	1,720	+ 5
Minnesota.....	806	825	880	1,035	1,046	1,105	+ 6
Iowa.....	600	625	670	523	501	509	+ 2
Missouri.....	432	460	475	290	285	278	- 2
North Dakota.....	547	560	600	156	144	148	+ 3
South Dakota.....	502	505	555	128	117	125	+ 7
Nebraska.....	501	535	555	167	155	153	- 1
Kansas.....	483	495	535	167	152	158	+ 4
Delaware.....	-	645	660	-	15.5	15.2	- 2
Maryland.....	581	615	635	127	131	133	+ 2
Virginia.....	443	475	490	149	148	148	0
West Virginia.....	395	410	420	53	46	45	- 2
North Carolina.....	456	515	537	126	130	132	+ 2
South Carolina.....	421	450	475	48	46	45	- 2
Georgia.....	393	420	450	88	82	83	+ 1
Florida.....	597	670	675	113	119	121	+ 2
Kentucky.....	373	410	440	191	199	206	+ 4
Tennessee.....	330	360	350	166	174	161	- 7
Alabama.....	305	305	330	77	67	69	+ 3
Mississippi.....	271	290	310	102	90	89	- 1
Arkansas.....	306	340	350	71	67	62	- 7
Louisiana.....	-	350	375	-	78	80	+ 3
Oklahoma.....	449	515	520	119	112	105	- 6
Texas.....	457	490	535	272	259	268	+ 3
Montana.....	449	490	485	36	34	33	- 3
Idaho.....	670	731	695	136	140	133	- 5
Wyoming.....	481	510	500	14.9	13.5	12.8	- 5
Colorado.....	571	630	680	72	72	71	- 1
New Mexico.....	-	565	600	-	22	24	+ 9
Arizona.....	-	880	920	-	45	47	+ 4
Utah.....	689	720	720	65	65	64	- 2
Nevada.....	609	680	730	9.1	10.2	10.2	0
Washington.....	661	698	700	156	157	151	- 4
Oregon.....	553	585	580	89	86	81	- 6
California.....	833	893	880	686	717	695	- 3
Alaska.....	-	705	705	-	1.9	1.9	0
Hawaii.....	-	795	785	-	11.3	10.9	- 4
United States.....	603	651	681	10,778	10,879	11,007	+1.2

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.

March milk production at record level

The estimated 11,007 million pounds of milk produced in the United States during March was a record for the month. Although 1 percent above the 10,879 million pounds produced last March, the new record is just slightly higher than the previous record of 11,003 million pounds for the month established in 1962. On a daily average basis, the seasonal increase from February to March was 5 percent, compared with a 4 percent gain last year. Relative to population, March milk production was 1.86 pounds per person daily, the same as a year earlier. During the first quarter of 1964, milk production on a daily basis was one-half percent larger than during the corresponding period last year.

March milk production was at a record high level for the month in 14 States -- 3 of these States, Michigan, Wisconsin, and Minnesota accounted for 30 percent of the United States production. By contrast, March milk production was the lowest of record for the month in 10 States.

March milk production per cow up 5 percent

March milk output averaged 681 pounds per cow -- a 5 percent gain over the same month last year. The 1958-62 average for the month is 603 pounds. On a daily basis, March milk production, at 22 pounds per cow, compares with 21 pounds for both a month earlier and March 1963. Production per cow during March was a record level for the month in all but 10 States. Arizona, with 920 pounds per cow, led all States, followed by California, Minnesota, and New Jersey each with 880 pounds.

Grain feeding rate on April 1 up one-half pound

Reported grain and concentrates fed to milk cows on April 1 averaged 9.4 pounds per cow. This is one-third pound above the previous survey on February 1 and one-half pound above the rate on April 1 last year. The 1958-62 average for the date is 7.8 pounds. April 1 feeding rates were higher than a year earlier in 32 States; lower in 10 States, and unchanged in 6. On April 1, the feeding rate averaged 10 or more pounds per cow in 15 States. A year earlier, 10 States had rates averaging 10 or more pounds.

March milk-feed price ratio continues above year ago level

The March milk-feed price ratio of 1.37 compares with 1.40 for February and 1.32 for March 1963. Beginning with December 1963, the ratio has held above a year earlier each month, with a tendency for the difference between the levels to widen. The seasonal decline in the ratio from February to March was about average due to the decline in wholesale milk prices. In cream producing areas, the milkfat-feed price ratio for March was 23.1, compared with 23.3 for February and 22.8 for March last year.

Pasture prospects poor on April 1

Prospects for spring pasture feed are poorer than usual in most of the country. On April 1, reported condition of dairy pastures averaged 72 percent of normal for the United States. This is 2 points below a year earlier and 5 points below the 1958-62 average for the date. In many areas, poor spring prospects were largely the result of damage from extended drought last summer and fall. Winter precipitation through February was below normal in most of the country and less than one-half of normal in a large area of the Midwest. However, heavy precipitation during March helped to offset this deficit in a broad area from north Texas, northeastward to Maine. Unusually cold weather during the last half of March delayed spring pasture growth in the eastern half of the country; in the West, cold weather prevailed during the entire month.

In the South, prospects for spring pasture feed were improved by above-normal precipitation through March. Drought damage last summer and fall, with cool weather in late March, resulted in a slow start this spring. With ample soil moisture in most southern areas, grass should respond quickly to warmer weather. By April 1, good pasture feed was available from North Carolina southward, although some low pastures were too wet to graze. In the South Central Region, grazing during March was mostly limited to winter grains.

Table 3.-Grain and other concentrates fed daily per milk cow in herds kept by reporters, April 1, 1964, with comparisons

State	Apr. 1, av. 1958-62	Apr. 1, 1963	Apr. 1, 1964	State	Apr. 1, av. 1958-62	Apr. 1, 1963	Apr. 1, 1964
	Lb.	Lb.	Lb.		Lb.	Lb.	Lb.
Maine.....	8.4	9.3	9.9	West Virginia.....	5.5	6.5	6.5
New Hampshire....	7.9	9.8	9.9	North Carolina....	7.5	9.1	9.2
Vermont.....	7.9	8.9	8.8	South Carolina....	6.5	7.5	7.3
Massachusetts....	8.2	9.7	10.0	Georgia.....	6.8	8.5	10.5
Rhode Island.....	9.4	10.0	10.0	Florida.....	6.0	6.5	7.5
Connecticut.....	9.2	10.4	10.0	Kentucky.....	7.5	8.1	8.5
New York.....	8.7	10.5	10.5	Tennessee.....	6.3	6.7	7.6
New Jersey.....	9.4	11.8	11.5	Alabama.....	6.8	7.0	8.0
Pennsylvania.....	9.7	11.3	12.4	Mississippi.....	5.6	6.3	5.9
Ohio.....	9.0	10.4	11.6	Arkansas.....	6.2	6.6	7.4
Indiana.....	8.2	9.6	10.4	Louisiana.....	5.4	6.2	7.5
Illinois.....	8.2	9.7	9.5	Oklahoma.....	6.8	8.5	9.3
Michigan.....	8.9	11.0	11.2	Texas.....	6.1	6.5	6.5
Wisconsin.....	8.6	9.1	9.2	Montana.....	5.5	5.7	5.5
Minnesota.....	9.1	10.1	10.8	Idaho.....	5.5	6.2	6.3
Iowa.....	9.0	10.2	10.0	Wyoming.....	5.4	5.3	5.0
Missouri.....	7.3	8.4	8.9	Colorado.....	6.4	7.3	7.5
North Dakota.....	7.3	9.1	9.2	New Mexico.....	6.1	7.5	8.0
South Dakota.....	6.3	7.2	7.3	Arizona.....	5.8	7.6	8.0
Nebraska.....	7.7	8.2	8.9	Utah.....	6.1	7.2	7.6
Kansas.....	7.9	8.6	8.7	Nevada.....	4.9	7.2	7.6
Delaware.....	8.9	11.1	11.0	Washington.....	7.1	8.0	8.0
Maryland.....	9.2	9.9	10.9	Oregon.....	5.9	6.0	6.0
Virginia.....	7.5	9.3	10.0	California.....	6.8	8.0	8.5
				United States.....	7.8	8.9	9.4

Table 4.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, March 1964, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	Mar. av. 1958-62	Mar. 1963	Feb. 1964	Mar. 1964	Mar. av. 1958-62	Mar. 1963	Feb. 1964	Mar. 1964
N. Atl.	Dol. 4.71	Dol. 4.45	Dol. 4.78	Dol. 4.58	Dol. 3.56	Dol. 3.68	Dol. 3.58	Dol. 3.54
E. N. Cent. ...	3.69	3.65	3.78	3.73	2.69	2.79	2.78	2.79
W. N. Cent. ..	3.39	3.38	3.45	3.40	2.27	2.48	2.45	2.47
S. Atl.	5.59	5.44	5.63	5.50	3.32	3.38	3.43	3.43
S. Cent.	4.75	4.66	5.05	4.81	3.06	3.17	3.20	3.16
West.	4.44	4.26	4.50	4.37	3.12	3.19	3.21	3.20
U. S.								
Milk areas....	4.16	4.05	4.25	4.14	2.94	3.06	3.04	3.03
Cream areas...	-	-	-	-	2.42	2.58	2.52	2.54
Milk and cream areas.....	-	-	-	-	2.90	3.03	3.02	3.01

Table 5.-Milk-feed and milkfat-feed price ratios, by regions, March 1964, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	Mar. av. 1958-62	Mar. 1963	Feb. 1964	Mar. 1964	Mar. av. 1958-62	Mar. 1963	Feb. 1964	Mar. 1964
N. Atl.	1.33	1.21	1.34	1.29	-	-	-	-
E. N. Cent. ...	1.37	1.31	1.36	1.34	20.8	19.7	19.5	19.5
W. N. Cent. ..	1.49	1.36	1.41	1.38	27.3	24.2	24.3	24.2
S. Atl.	1.68	1.61	1.64	1.60	-	-	-	-
S. Cent.	1.55	1.47	1.58	1.52	16.8	16.3	16.1	16.4
West.	1.42	1.34	1.40	1.37	19.2	18.2	18.0	18.0
U. S.	1.42	1.32	1.40	1.37	25.0	22.8	23.0	23.1

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.

(Continued from page 3)

In the West, pasture prospects on April 1 were less favorable than usual. Winter precipitation was very light in the Southwest and most of California. Strong, drying winds reduced the benefit of showers received during March. Continued cold weather into early April delayed spring growth at lower elevations in the Mountain States and in the Northwest.

Pasture prospects on April 1 were poorer than usual in most of the North Central Region. Pastures went into the winter in poor condition in much of this area. In the Plains States, pastures and ranges were grazed closely during the mild, open winter, and soil moisture is short. Heavy March rainfall replenished soil moisture in the Ohio Valley but spring growth has been delayed by continued cold weather into early April.

Table 6.-Dairy pasture feed condition, as percentage of normal, April 1, 1964 with comparisons 1/

State and division	Apr. 1, av. 1958-62	Apr. 1, 1963	Apr. 1, 1964	State and division	Apr. 1, av. 1958-62	Apr. 1, 1963	Apr. 1, 1964
	Percent	Percent	Percent		Percent	Percent	Percent
Me.	93	100	90	N. C.	78	79	81
N. H.	94	90	88	S. C.	71	73	76
Vt.	97	100	91	Ga.	73	69	76
Mass.	95	92	91	Fla.	72	77	78
R. I.	95	93	90	S. Atl. ..	74	73	78
Conn.	91	92	85	Ky.	73	79	74
N. Y.	90	90	91	Tenn.	73	76	75
N. J.	81	79	81	Ala.	67	57	65
Pa.	83	82	81	Miss.	62	58	67
N. Atl.	-	-	-	Ark.	69	73	70
Ohio.....	82	84	77	La.	66	67	68
Ind.	84	89	83	Okl.	78	71	64
Ill.	86	87	82	Tex.	73	60	70
Mich.	93	92	89	S. Cent. .	71	65	68
Wis.	90	93	80	Mont.	74	85	78
E. N. Cent. .	-	-	-	Idaho.....	91	86	86
Minn.	88	92	87	Wyo.	82	85	73
Iowa.....	92	94	84	Colo.	86	76	71
Mo.	78	80	71	N. Mex.	82	66	60
N. Dak.	67	76	68	Ariz.	88	83	74
S. Dak.	78	87	79	Utah.....	85	77	80
Nebr.	88	89	82	Nev.	80	79	80
Kans.	87	81	72	Wash.	88	88	86
W. N. Cent. .	83	80	72	Oreg.	88	90	85
Del.	78	78	84	Calif.	79	84	70
Md.	80	79	78	West.	83	85	76
Va.	73	78	78	U. S.	77	74	72
W. Va.	74	78	76				

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

INTERSTATE MOVEMENT OF DAIRY CATTLE,
SELECTED STATES, 1963

Northeastern dairy cattle inshipments down 3 percent

Shipments of dairy cattle into and between the 11 Northeastern States during 1963 totaled 83,441 head, down 3 percent from 1962. More than half of the inshipments were represented by movements between States within the area. These totaled 47,207 head in 1963 compared with 45,994 in 1962. Shipments from Canada to the 11-State area totaled 20,400 head and were down 12 percent from 1962. Movement of dairy cattle from 4 Midwestern States (Ohio, Michigan, Wisconsin, and Minnesota) to the Northeastern States totaled 10,415 head in 1963 -- 14 percent fewer than in 1962. Recorded inshipments from all other sources were 5,419 head, compared with 5,144 in 1962.

Although total inshipments for the Northeastern States were less than in 1962, shipments of dairy cattle to Connecticut, Massachusetts, and Vermont were 7 percent above 1962 in each State. Shipments into Rhode Island were up 6 percent. Sharp reductions of shipments to Virginia and New York in 1963 may reflect the adverse weather conditions which reduced prospects for an adequate feed supply.

Recorded outshipments of dairy cattle from the 11 Northeastern States were 1 percent less than in 1962. By States, the outshipments decreased from 1962 in Maine, Vermont, Connecticut, New Jersey, and Pennsylvania; all other States increased.

Net inshipments, the difference between recorded inshipments and outshipments, in the 11 Northeastern States in 1963 resulted in an accumulation of 23,000 dairy cattle compared with 25,000 in 1962. These figures include movement between States within the Northeastern area as well as movement into and out of the area. The net inmovement of dairy cattle from outside the area was 24,000 head in 1963, compared with 28,000 in 1962.

Wisconsin ships out 10 percent more cattle and calves in 1963

Outshipment of cattle and calves, primarily dairy breeds, from Wisconsin in 1963 totaled 168,000 head. This is 10 percent more than the total moved out of the State in 1962. Shipments of 37,401 head to Iowa were 38 percent more than those of 1962 and were the most important share of Wisconsin's total outshipments. North Dakota's receipts from Wisconsin rose 14 percent. In contrast, receipts of Wisconsin cattle and calves decreased from 1962 in Illinois, South Dakota, Nebraska, Kansas, and the 11 Northeastern States.

Florida receipts of dairy cows and heifers off 2 percent

Shipments of dairy cows and heifers to Florida during 1963 totaled 30,517 head, or 2 percent less than those of 1962. Gains in receipts from Wisconsin, South Carolina, and Tennessee were more than offset by losses from Georgia, Alabama, and Mississippi. Tennessee and Mississippi, in that order, were the major shippers of dairy breeds to Florida.

Dairy cattle shipments to California 9 percent under 1962

Over 14,000 dairy cattle were shipped to California in 1963, but this is 9 percent less than the 1962 shipments. Idaho, Utah, and Nevada supplied California with the bulk of its dairy cattle receipts. Compared with 1962, shipments to California from Idaho were off 16 percent and from both Utah and Nevada, 11 percent. Receipts from Montana, which ranked fourth in importance in shipments to California, rose 36 percent over 1962.

Table 7.-Inshipments and outshipments of dairy cattle,
11 Northeastern States, 1962-63

State	1962			1963		
	Inshipments	Outshipments	Net inshipments	Inshipments	Outshipments	Net inshipments
Me.	904	4,618	-3,714	634	4,128	-3,494
N. H. ...	3,264	3,535	-271	3,029	3,992	-963
Vt. <u>1/</u> ...	7,610	6,429	1,181	8,119	6,042	2,077
Mass. ...	13,717	4,380	9,337	14,723	4,729	9,994
R. I. ...	2,723	747	1,976	2,873	836	2,037
Conn. ...	6,015	5,043	972	6,458	4,861	1,597
N. Y. ...	16,173	16,724	-551	13,659	16,796	-3,137
N. J. ...	10,868	5,229	5,639	9,974	4,739	5,235
Pa.	19,345	5,371	13,974	19,330	3,581	15,749
Md.	4,047	6,813	-2,766	3,839	7,425	-3,586
Va.	1,755	2,596	-841	803	3,665	-2,862
Total <u>2/</u>	86,421	61,485	24,936	83,441	60,794	22,647

1/ Includes dairy cattle from Canada and other sources reshipped from Vermont to other States -- 700 in 1962, 800 in 1963.

2/ Includes movement between States within the Northeastern area, as well as movement into and out of the area.

Table 8.-Dairy cattle shipped into each Northeastern State,
by area of origin, 1962-63

State where received	11 Northeastern States <u>1/</u>		Canada		Ohio, Michigan, Wisconsin, and Minnesota		Other sources		Total	
	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963
Me.	302	223	599	405	2	2	1	4	904	634
N. H. ...	3,148	2,828	115	198	-	-	1	3	3,264	3,029
Vt.	3,916	5,034	3,671	2,940	1	8	22	137	7,610	8,119
Mass. ...	10,762	12,433	2,312	1,660	347	380	296	250	13,717	14,723
R. I. ...	2,546	2,752	106	107	34	10	37	4	2,723	2,873
Conn. ...	4,800	5,144	1,006	1,066	32	82	177	166	6,015	6,458
N. Y. ...	3,784	3,914	10,254	7,618	1,192	994	943	1,133	16,173	13,659
N. J. ...	4,420	3,707	1,435	1,397	4,710	4,678	303	192	10,868	9,974
Pa.	9,288	8,453	3,550	4,838	4,953	3,921	1,554	2,118	19,345	19,330
Md.	2,285	2,180	139	101	490	330	1,133	1,228	4,047	3,839
Va.	743	539	45	70	290	10	677	184	1,755	803
Total..	45,994	47,207	23,232	20,400	12,051	10,415	5,144	5,419	86,421	83,441

1/ See footnote 1 -- Table 7.

Table 9.-Inshipments of dairy cattle by source and outshipments by destination, 11 Northeastern States, 1962 and 1963 ^{1/}

State	Inshipments			Outshipments		
	Source	1962	1963	Destination	1962	1963
Maine	Canada.....	599	405	Mass.	2,754	2,336
	N. H.	97	118	Conn.	1,026	931
	Mass.	36	31	Vt.	196	321
	Vt.	41	30	N. H.	330	225
	R. I.	35	15	Canada.....	88	140
	Conn.	55	11	N. C.	1	40
	Other.....	41	24	Other.....	223	135
	Total.....	904	634	Total.....	4,618	4,128
New Hampshire	N. Y.	959	1,159	Mass.	1,744	1,703
	Vt.	1,226	906	Vt.	902	1,399
	Mass.	443	384	Conn.	409	439
	Maine.....	361	239	Maine.....	117	129
	Canada.....	115	198	N. Y.	146	82
	Conn.	40	93	Fla.	0	59
	Other.....	120	50	Other.....	217	181
	Total.....	3,264	3,029	Total.....	3,535	3,992
Vermont ^{2/}	N. Y.	2,209	3,010	Mass.	2,063	1,892
	Canada.....	3,671	2,940	Conn.	1,256	1,510
	N. H.	897	1,160	N. Y.	924	1,080
	Mass.	478	381	N. H.	1,170	952
	Maine.....	200	297	Fla.	142	273
	Conn.	96	131	Canada.....	348	105
	Other.....	59	200	Other.....	526	230
	Total.....	7,610	8,119	Total.....	6,429	6,042
Massachusetts	N. Y.	2,814	4,354	R. I.	1,817	1,852
	Maine.....	2,541	2,191	N. Y.	812	978
	Vt.	1,839	1,872	Conn.	513	573
	Conn.	1,458	1,731	N. H.	461	393
	Canada.....	2,312	1,660	Vt.	509	383
	N. H.	1,525	1,444	Fla.	7	102
	Other.....	1,228	1,471	Other.....	261	448
	Total.....	13,717	14,723	Total.....	4,380	4,729

^{1/} See footnotes at end of table.

Table 9.-Inshipments of dairy cattle by source and outshipments by destination, 11 Northeastern States, 1962 and 1963 1/--Con.

State	Inshipments			Outshipments		
	Source	1962	1963	Destination	1962	1963
Rhode Island	Mass.	1,721	1,903	Mass.	383	476
	Conn.	611	584	Conn.	146	201
	N. Y.	51	145	Pa.	6	49
	Canada.....	106	107	Canada.....	8	20
	Maine.....	12	46	Maine.....	34	15
	Pa.	4	27	Fla.	0	15
	Other.....	218	61	Other.....	170	60
	Total.....	2,723	2,873	Total.....	747	836
Connecticut	Vt.	1,202	1,389	Mass.	2,147	2,249
	Canada.....	1,006	1,066	R. I.	582	650
	N. Y.	1,050	978	N. Y.	952	639
	Maine.....	1,156	969	Fla.	131	171
	Mass.	761	884	N. J.	199	148
	N. H.	384	434	Pa.	188	145
	Other.....	456	738	Other.....	844	859
	Total.....	6,015	6,458	Total.....	5,043	4,861
New York	Canada.....	10,254	7,618	Mass.	3,741	4,344
	Vt.	906	1,085	Vt.	2,290	2,917
	Ind.	759	956	N. J.	3,160	2,499
	Wis.	1,001	908	Pa.	1,862	1,631
	Mass.	724	877	Fla.	643	1,168
	Conn.	703	599	N. H.	925	1,128
	Other.....	1,826	1,616	Other.....	4,103	3,109
	Total.....	16,173	13,659	Total.....	16,724	16,796
New Jersey	Wis.	4,355	4,169	Pa.	2,350	1,949
	N. Y.	2,923	2,383	N. Y.	549	634
	Canada.....	1,435	1,397	Md.	592	401
	Pa.	737	792	N. C.	330	328
	Md.	459	375	Va.	292	285
	Mich.	306	350	S. C.	24	257
	Other.....	653	508	Other.....	1,092	885
	Total.....	10,868	9,974	Total.....	5,229	4,739

1/ See footnotes at end of table.

Table 9.--Inshipments of dairy cattle by source and outshipments by destination, 11 Northeastern States, 1962 and 1963 ^{1/}--Con.

State	Inshipments			Outshipments		
	Source	1962	1963	Destination	1962	1963
Pennsylvania	Canada.....	3,550	4,838	N. J.	845	867
	Md.	3,826	4,384	N. Y.	646	651
	Wis.	4,241	3,388	Md.	978	537
	N. J.	2,435	1,875	Va.	736	240
	N. Y.	2,099	1,629	Fla.	47	162
	Del.	697	1,214	S. C.	146	149
	Other.....	2,497	2,002	Other.....	1,973	975
	Total.....	19,345	19,330	Total.....	5,371	3,581
Maryland	Va.	719	1,106	Pa.	3,708	4,441
	Del.	849	866	S. C.	518	561
	Pa.	862	581	Del.	338	458
	N. J.	555	380	N. J.	545	434
	Wis.	417	310	Va.	527	253
	W. Va.	174	234	W. Va.	247	237
	Other.....	471	362	Other.....	930	1,041
	Total.....	4,047	3,839	Total.....	6,813	7,425
Virginia	Md.	375	295	N. C.	563	1,114
	Pa.	150	125	Md.	693	969
	N. C.	133	81	Pa.	401	382
	Canada.....	45	70	W. Va.	228	346
	N. J.	121	53	S. C.	115	194
	W. Va.	112	48	Fla.	211	135
	Other.....	819	131	Other.....	385	525
	Total.....	1,755	803	Total.....	2,596	3,665

^{1/} Data for both inshipments and outshipments are from records of the State shown at the left side of the table. Outshipments recorded by the State of origin may differ somewhat from inshipments recorded by the State where received.

^{2/} Includes dairy cattle from Canada and other sources reshipped from Vermont to other States.-- 700 in 1962, 800 in 1963.

Table 10.-Dairy cattle shipped out of continental United States from 11 Northeastern States, by destination, 1954-63

Destination	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Canada.....	404	408	790	502	238	624	1,218	1,300	1,148	713
Puerto Rico.....	118	569	445	460	276	125	165	359	877	762
Mexico.....	-	20	17	5	477	197	2	31	91	46
Central America.....	21	89	32	32	67	99	103	44	45	15
South America.....	627	910	602	218	205	375	146	295	149	148
Europe.....	126	240	292	332	106	150	251	128	32	15
Other.....	302	145	280	254	213	105	88	95	70	40
Total.....	1,598	2,381	2,398	1,803	1,582	1,675	1,973	2,252	2,412	1,739

Table 11.-Cattle and calves shipped out of Wisconsin, by destination, 1954-63

Destination	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
11 N. East States.....	7,843	8,987	10,508	12,264	22,117	27,993	25,850	18,472	10,889	9,148
Illinois.....	12,729	11,963	14,821	14,767	15,965	13,931	10,617	10,429	8,999	8,107
Iowa.....	9,510	7,771	14,444	20,604	31,549	28,925	15,943	36,336	27,165	37,401
North Dakota.....	6,878	6,609	6,326	5,933	7,765	6,151	6,415	11,230	9,638	10,993
South Dakota.....	12,707	10,831	8,246	8,561	8,092	10,323	10,412	13,316	17,282	10,824
Nebraska.....	14,236	10,509	11,905	14,154	14,949	12,708	9,792	19,003	13,338	10,345
Kansas.....	3,138	985	1,909	3,696	6,843	5,405	3,039	9,144	10,546	9,708
Other N. C. States.....	8,329	9,293	17,254	21,514	36,399	32,868	18,491	25,400	18,803	27,790
S. Central States.....	5,611	10,597	18,418	24,320	31,443	28,849	16,001	14,103	15,260	12,354
Other U. S.....	6,475	5,541	6,911	10,856	22,030	16,519	9,357	7,298	17,508	27,112
Outside U. S.....	2,546	3,242	3,063	3,305	1,960	1,788	3,129	2,921	2,831	4,254
Total.....	90,002	86,328	113,805	139,974	199,112	185,460	129,046	167,652	152,259	168,036

Table 12.-Dairy cows and heifers shipped into Florida, by source, 1954-63 1/

Source	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Wisconsin.....	972	1,045	1,729	4,483	5,212	4,211	3,310	1,760	1,840	2,125
South Carolina.....	1,860	2,254	3,066	2,642	800	773	1,794	1,393	1,736	1,902
Georgia.....	5,175	9,844	6,887	9,355	5,286	4,802	4,431	3,482	3,590	2,604
Tennessee.....	1,788	2,279	1,897	3,725	8,107	10,645	8,641	7,115	8,285	8,801
Alabama.....	5,524	5,243	5,439	7,059	4,399	5,073	5,126	3,344	3,630	2,441
Mississippi.....	3,523	3,336	4,221	4,671	4,393	6,692	6,749	5,065	6,701	4,774
Other.....	4,930	5,203	5,383	8,665	6,635	7,999	7,296	4,056	5,235	7,870
Total.....	23,772	29,204	28,622	40,600	34,832	40,195	37,347	26,215	31,017	30,517

1/ Truck shipments into area east and south of Suwannee River.

Table 13.-Dairy cattle shipped into California, by source, 1954-63

Source	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Montana.....	460	578	792	1,241	1,479	894	1,225	519	656	892
Idaho.....	5,883	7,963	12,877	12,802	8,822	5,946	5,016	4,167	5,140	4,342
Colorado.....	3,131	2,482	2,291	4,884	4,326	3,778	4,483	1,893	589	383
Arizona.....	566	391	348	214	313	773	1,298	1,111	598	425
Utah.....	13,911	11,956	11,432	12,983	10,192	8,425	10,435	6,765	5,869	5,226
Nevada.....	796	747	932	1,723	1,677	1,089	1,788	2,316	1,074	953
Washington.....	1,500	867	2,748	2,453	2,704	1,716	1,196	1,068	1,030	699
Oregon.....	420	433	355	502	320	460	458	601	358	220
Other.....	5,509	2,810	1,738	2,305	4,220	3,088	679	484	483	1,242
Total.....	32,176	28,227	33,513	39,107	34,053	26,199	26,578	18,924	15,797	14,382

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