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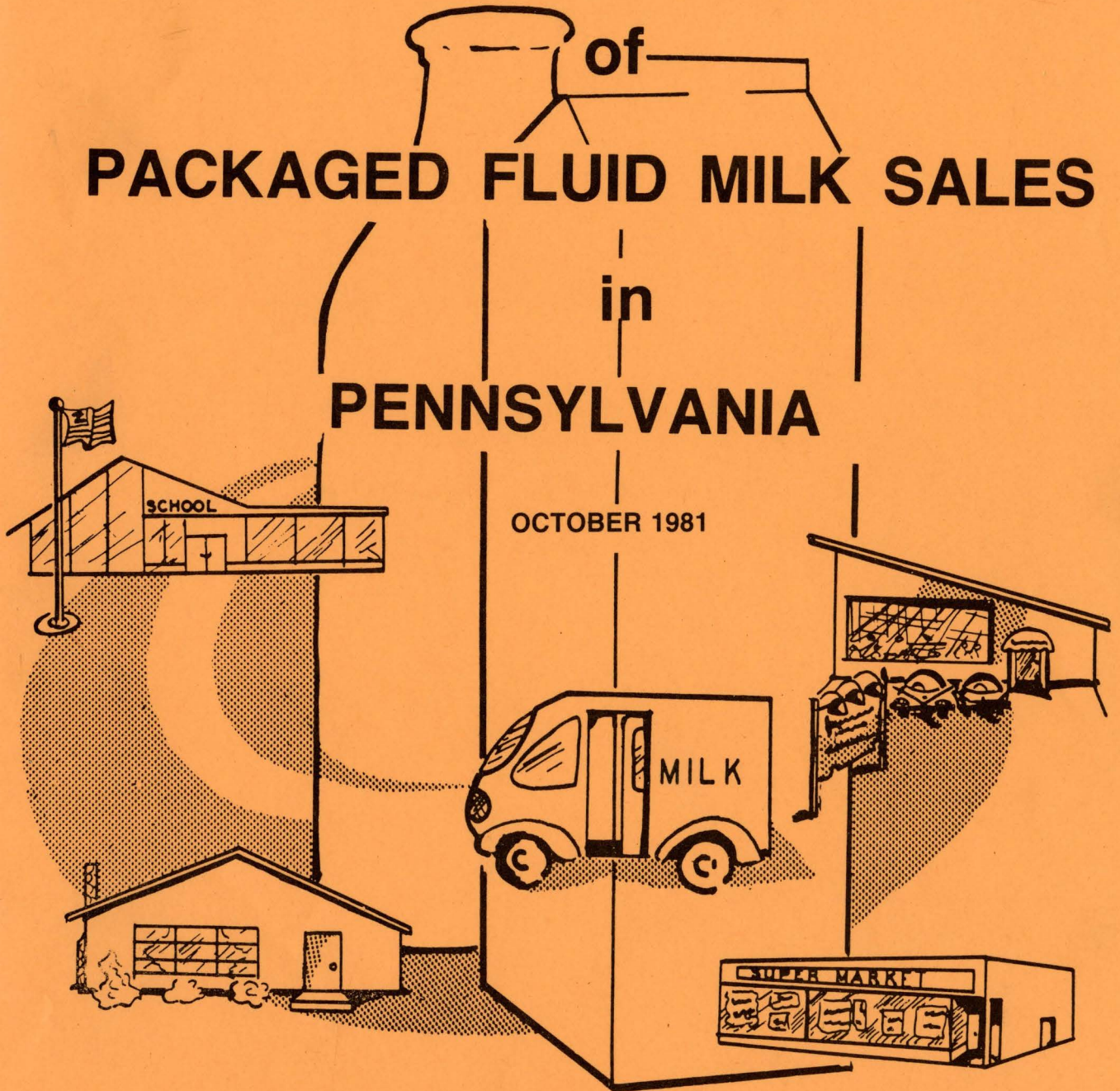
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Characteristics
of
PACKAGED FLUID MILK SALES
in
PENNSYLVANIA

OCTOBER 1981



DEPARTMENT OF
AGRICULTURAL ECONOMICS AND RURAL SOCIOLOGY
AGRICULTURAL EXPERIMENT STATION
THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA

IN
COOPERATION
WITH

THE PENNSYLVANIA
MILK MARKETING BOARD
2301 N. CAMERON ST.
HARRISBURG, PENNSYLVANIA

FOREWORD

At the time of the survey of dealers on which this report is based, the boundaries of the eight sub-state milk marketing areas were unchanged from those in effect when the most recent report in this series was published (June, 1980). Again, although data for both Zones 1 and 2 in Area 1 are available, they are combined and not shown separately in this report.

The designation of the eight marketing areas is the same in the present and in the two immediately previous reports in this series (June 1980 and July 1978). Although the boundaries were the same in the 1976 report as they are now, the areas were designated differently then. The present and the corresponding earlier market area designations are as follows:

Market Area Designations

Present	Earlier	Present	Earlier
1	1	4	4
2, zone 1	2	5, zone 1	7
2, zone 2	5	5, zone 2	8
3	3	6	6

The types of outlets, types of product, and types and sizes of containers in this report are identical to those included in the 1980 report. Thus a direct comparison on an item by item basis can be made quite conveniently.

The numbers of the several types of reporting handlers and their total sales of packaged milk for each of the sixteen years for which this report has been prepared are shown in Table A. In comparing these sales data among years, it is important to recognize that indicated sales will tend to be less than actual sales by differing, though usually only small, amounts. The reasons for such differences are presented in the introductory section of this report immediately following.

GLOSSARY OF SYMBOLS

The following symbols are used as abbreviations in some of the tables in this report to make it possible to fit the information of interest into the space available:

<u>Symbol</u>	<u>Meaning</u>
<	less than
≤	equal to or less than
=	equal to
≥	equal to or greater than
>	greater than

Table A. Number of Handlers Reporting, and Volume of Sales of each Type of Handler, October 1957 through 1981.

Dealers			Subdealers		
Year	Number Reporting	Sales ^a (1,000 qts.)	Year	Number Reporting	Sales ^a (1,000 qts.)
1957	511	105,244	1957	112	2,210
1959	545	114,934	1959	283	4,450
1961	539	113,392	1961	223	3,496
1963	501	115,502	1963	210	3,747
1965	479	116,105	1965	259	4,330
1967	527	108,823	1967	265	4,330
1969	336	112,634	1969	214	4,768
1971	294	103,541	1971	202	4,082
1973	229	101,947	1973	173	4,207
1975	208	106,386	1975	173	5,200
1977	195	97,731	1977	143	6,154
1979	161	100,821	1979	135	5,877
1981	146	96,471	1981	145	7,377

Producer-Distributors			All Handlers		
Year	Number Reporting	Sales ^a (1,000 qts.)	Year	Number Reporting	Sales ^a (1,000 qts.)
1957	139	822	1957	762	108,276
1959	213	1,648	1959	1,041	121,032
1961	73	610	1961	835	117,498
1963	89	1,082	1963	800	120,331
1965	149	1,565	1965	887	122,000
1967	129	1,476	1967	921	114,629
1969	87	1,225	1969	637	118,627
1971	74	1,790	1971	570	109,413
1973	63	2,260	1973	465	108,434
1975	54	2,471	1975	435	113,977
1977	45	925	1977	383	104,810
1979	47	1,366	1979	343	108,064
1981	47	1,223	1981	338	105,071

^aThe number of quart equivalents of the sales of all whole milk, flavored milk and drinks, lowfat milk, skim milk, and buttermilk.

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ACKNOWLEDGEMENTS

Data for this report were supplied by milk handlers licensed to sell packaged fluid milk in Pennsylvania markets. Their fine cooperation is appreciated, and it is hoped they find the report useful and well worth the effort required to complete the survey questionnaire sent to them by the Milk Marketing Board.

In the development of any report of the magnitude and detail of this one, the support and assistance of many persons is necessary. Not everyone who made important contributions can be named, but of particular value were the suggestions and interest of Earl B. Fink, Jr., Executive Secretary of The Pennsylvania Milk Marketing Board, and William F. Johnstone, Extension Economist in Marketing at The Pennsylvania State University.

The exacting job of entering all the raw milk sales data into the computer for processing was most capably carried out by Sandra J. Dietz. The programming necessary to summarize the data and prepare it for typing was very ably handled by Robert J. E. Hemman, II. The most tedious job of actually typing this report was very accurately and efficiently performed by Lisa M. Bauman. It is largely the result of the combined efforts of these supportive personnel that so readable a publication is now before you.

CHARACTERISTICS OF PACKAGED FLUID MILK SALES IN PENNSYLVANIA

October, 1981

Blair J. Smith and Reid S. Miller*

This edition of Characteristics of Packaged Fluid Milk Sales in Pennsylvania is the fourteenth biennial report prepared since 1957 by the Agricultural Experiment Station at The Pennsylvania State University in cooperation with The Pennsylvania Milk Marketing Board.¹ The purpose of these reports is to provide the dairy industry with information on quantities of packaged fluid milk products (except cream) marketed by various handlers through different trade outlets in the several types and sizes of containers in current use.

Sales reported in this publication are those made by dealers, subdealers, and producer-distributors during October, 1981, but do not include sales between handlers. All quantities are expressed in quart equivalents regardless of the size of container in which the product was sold.

This report is intended to account for all in-state sales of packaged fluid milk items. Thus, sales made in Pennsylvania by out-of-state handlers are included in the data, whereas sales made by Pennsylvania handlers in markets outside the state are not included.

* Associate Professor of Agricultural Economics, The Pennsylvania State University, and Economics Director, The Pennsylvania Milk Marketing Board, respectively.

¹ Earlier reports in this series were published as A.E. & R.S. numbers 17, 25, 36, 48, 58, 75, 90, 94, 98, 111, 123, 135, and 148, by the Department of Agricultural Economics and Rural Sociology, Weaver Building, The Pennsylvania State University, University Park, Pennsylvania 16802. Reports 90 and 94 both pertain to sales in 1969, but No. 90 gave sales for the state in 13 marketing areas comparable to all prior reports in the series, whereas No. 94 and all later reports show sales for the state in eight marketing areas.

Reported sales of packaged fluid milk items totaled just over 105 million quarts in the state during October 1981. This quantity is somewhat less than actual total sales inasmuch as: 1) a few handlers did not submit sales reports as requested; and 2) a complete accounting of on-farm sales direct to consumers was not obtained since juggers, provided they sell only their own milk, are exempt from licensing by the Milk Marketing Board.

The Board identified a total of 340 packaged milk handlers in October 1981. These included 147 dealers, 146 subdealers, and 47 producer-distributors. The Foreword to this report shows the numbers of each type of handler that actually reported sales. Although 2 handlers failed to submit reports, and not all direct on-farm sales are included, it is believed that at least 97 percent of all packaged milk sales actually made in October 1981 are accounted for in this publication.

The general plan of this report is to show sales of the several packaged fluid milk products by type of handler, type of outlet, type and size of container, and marketing area. The boundaries of the six milk marketing areas as defined by The Pennsylvania Milk Marketing Board are outlined in Figure 1.

In addition to reporting quantities sold by the several classifications indicated, percentage distributions for most of the sales tables are also given. These will facilitate the assessment of the relative importance of the different products, containers, outlets, markets, and handlers involved in the marketing of milk in Pennsylvania.

FIGURE 1 -- MILK MARKETING AREAS

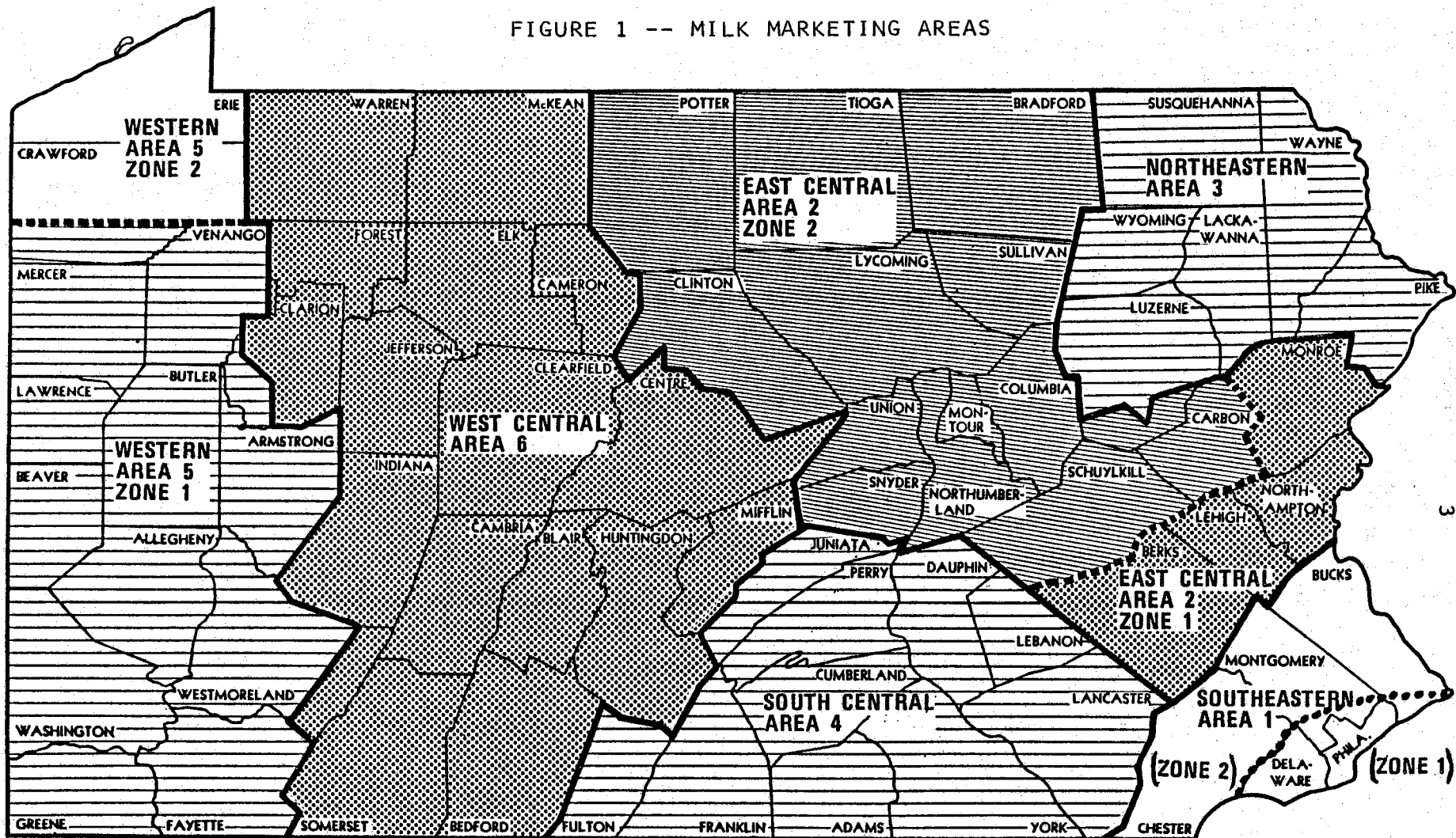


Table 1. Packaged Milk Sales by Market Area by Type of Handler, Pennsylvania, October 1981.

Market Area	Type of Handler			Total all Handlers
	Dealer	Subdealer	Producer-Distributor	
	(----- thousands of quarts -----)			
1	28,246.5	1,008.0	270.5	29,524.9
2-1	6,771.1	836.5	83.2	7,690.8
2-2	5,517.1	1,312.2	153.8	6,983.1
3	5,021.8	558.1	85.0	5,664.8
4	11,638.5	461.0	127.2	12,226.7
5-1	26,799.0	2,107.4	217.8	29,124.2
5-2	3,205.3	251.4	99.4	3,556.1
6	9,256.6	842.3	185.9	10,284.8
State ^a	96,455.8	7,377.0	1,222.7	105,055.5

Percentage Distribution of Table 1 data:

Market Area	Type of Handler			Total all Handlers
	Dealer	Subdealer	Producer-Distributor	
	(----- percent -----)			
1	95.7	3.4	0.9	100.0
2-1	88.0	10.9	1.1	100.0
2-2	79.0	18.8	2.2	100.0
3	88.6	9.9	1.5	100.0
4	95.2	3.8	1.0	100.0
5-1	92.0	7.2	0.7	100.0
5-2	90.1	7.1	2.8	100.0
6	90.0	8.2	1.8	100.0
State	91.8	7.0	1.2	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

Table 2. Packaged Milk Sales by Market Area by Type of Outlet, All Pennsylvania Handlers, October 1981.

Market Area	Retail Sales	Wholesale Sales					Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines			
(- - - - -thousands of quarts - - - - -)								
1	1,128.0	24,678.9	2,114.8	1,309.1	294.1	28,396.9	29,524.9	
2-1	568.8	5,966.3	514.1	630.0	11.6	7,122.0	7,690.8	
2-2	535.7	5,186.7	604.6	636.2	19.9	6,447.3	6,983.1	
3	291.2	4,602.9	414.5	329.0	27.3	5,373.7	5,664.8	
4	834.8	9,251.3	1,002.3	1,090.7	47.6	11,391.9	12,226.7	
5-1	1,444.2	23,985.4	1,693.4	1,819.9	181.3	27,680.1	29,124.2	
5-2	129.7	2,927.8	220.3	277.3	0.9	3,426.4	3,556.1	
6	904.7	7,531.3	871.8	933.1	44.0	9,380.1	10,284.8	
State ^a	5,837.0	84,130.6	7,435.8	7,025.3	626.8	99,218.4	105,055.5	

Percentage Distribution of Table 2 data:

Market Area	Retail Sales	Wholesale Sales					Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines			
(- - - - -percent - - - - -)								
1	3.8	83.6	7.2	4.4	1.0	96.2	100.0	
2-1	7.4	77.6	6.7	8.2	0.2	92.6	100.0	
2-2	7.7	74.3	8.7	9.1	0.3	92.3	100.0	
3	5.1	81.3	7.3	5.8	0.5	94.9	100.0	
4	6.8	75.7	8.2	8.9	0.4	93.2	100.0	
5-1	5.0	82.4	5.8	6.2	0.6	95.0	100.0	
5-2	3.6	82.3	6.2	7.8	**	96.4	100.0	
6	8.8	73.2	8.5	9.1	0.4	91.2	100.0	
State	5.6	80.1	7.1	6.7	0.6	94.4	100.0	

^a Figures on this line may differ slightly from column total due to rounding.

** Less than 0.05 percent but greater than zero.

Table 3. Packaged Milk Sales by Market Area by Type of Outlet, Pennsylvania Dealers, October 1981.

Market Area	Retail Sales	Wholesale Sales					Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines			
(----- thousands of quarts -----)								
1	1,065.6	23,671.6	2,013.6	1,247.6	248.0	27,180.8	23,246.5	
2-1	514.6	5,214.0	470.8	561.0	10.6	6,256.4	6,771.1	
2-2	289.9	4,247.0	485.4	478.5	16.3	5,227.2	5,517.1	
3	196.2	4,186.3	374.1	237.8	27.3	4,825.5	5,021.8	
4	752.9	8,795.0	986.3	1,056.7	47.6	10,885.7	11,638.5	
5-1	1,265.8	22,106.1	1,611.8	1,705.7	109.5	25,533.2	26,799.0	
5-2	100.7	2,648.8	213.8	241.1	0.9	3,104.6	3,205.3	
6	576.5	7,053.0	781.3	815.4	30.3	8,680.0	9,256.6	
State ^a	4,762.3	77,921.8	6,937.1	6,344.0	490.6	91,693.5	96,455.8	

Percentage Distribution of Table 3 data:

Market Area	Retail Sales	Wholesale Sales					Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines			
(----- percent -----)								
1	3.8	83.8	7.1	4.4	0.9	96.2	100.0	
2-1	7.6	77.0	7.0	8.3	0.2	92.4	100.0	
2-2	5.3	77.0	8.8	8.7	0.3	94.7	100.0	
3	3.9	83.4	7.4	4.7	0.5	96.1	100.0	
4	6.5	75.6	8.5	9.1	0.4	93.5	100.0	
5-1	4.7	82.5	6.0	6.4	0.4	95.3	100.0	
5-2	3.1	82.6	6.7	7.5	**	96.9	100.0	
6	6.2	76.2	8.4	8.8	0.3	93.8	100.0	
State	4.9	80.8	7.2	6.6	0.5	95.1	100.0	

^a Figures on this line may differ slightly from column totals due to rounding.

** Less than 0.05 percent but greater than zero.

Table 4. Packaged Milk Sales by Market Area by Type of Outlet, Pennsylvania Subdealers, October 1981.

Market Area	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(----- thousands of quarts -----)							
1	17.8	801.8	80.9	61.5	46.1	990.2	1,008.0
2-1	32.7	691.2	42.5	68.9	1.1	803.8	836.5
2-2	175.7	883.4	93.1	156.6	3.4	1,136.4	1,312.2
3	44.4	411.7	32.7	69.2	*	513.7	558.1
4	61.2	352.8	13.5	33.6	0.0	399.8	461.0
5-1	18.6	1,852.8	79.6	84.7	71.8	2,088.9	2,107.4
5-2	28.4	200.5	3.4	19.1	0.0	223.0	251.4
6	166.5	461.2	90.3	110.6	13.7	675.8	842.3
State ^a	545.4	5,655.4	436.0	604.1	136.1	6,831.6	7,377.0

Percentage Distribution of Table 4 data:

Market Area	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(----- percent -----)							
1	1.8	79.5	8.0	6.1	4.6	98.2	100.0
2-1	3.9	82.6	5.1	8.2	0.1	96.1	100.0
2-2	13.4	67.3	7.1	11.9	0.3	86.6	100.0
3	8.0	73.8	5.9	12.4	**	92.0	100.0
4	13.3	76.5	2.9	7.3	0.0	86.7	100.0
5-1	0.9	87.9	3.8	4.0	3.4	99.1	100.0
5-2	11.3	79.7	1.3	7.6	0.0	88.7	100.0
6	19.8	54.8	10.7	13.1	1.6	80.2	100.0
State	7.4	76.7	5.9	8.2	1.8	92.6	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 5. Packaged Milk Sales by Market Area by Type of Outlet, Pennsylvania Producer-Distributor, October 1981.

Market Area	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(- - - - -thousands of quarts - - - - -)							
1	44.6	205.6	20.3	0.0	0.0	225.9	270.5
2-1	21.4	61.0	0.8	0.0	0.0	61.8	83.2
2-2	70.1	56.3	26.1	1.1	0.2	83.6	153.8
3	50.5	4.8	7.6	22.0	0.0	34.4	85.0
4	20.7	103.6	2.5	0.5	0.0	106.5	127.2
5-1	159.7	26.6	2.0	29.5	0.0	58.0	217.8
5-2	0.6	78.5	3.2	17.1	0.0	98.8	99.4
6	161.7	17.1	0.1	7.1	0.0	24.3	185.9
State ^a	529.4	553.4	62.6	77.2	0.2	693.3	1,222.7

Percentage Distribution of Table 5 data:

Market Area	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(- - - - -percent - - - - -)							
1	16.5	76.0	7.5	0.0	0.0	83.5	100.0
2-1	25.7	73.4	0.9	0.0	0.0	74.3	100.0
2-2	45.6	36.6	17.0	0.7	0.1	54.4	100.0
3	59.5	5.6	9.0	25.9	0.0	40.5	100.0
4	16.3	81.4	1.9	0.4	0.0	83.7	100.0
5-1	73.4	12.2	0.9	13.5	0.0	26.6	100.0
5-2	0.6	79.0	3.2	17.2	0.0	99.4	100.0
6	87.0	9.2	**	3.8	0.0	13.0	100.0
State	43.3	45.3	5.1	6.3	**	56.7	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

** Less than 0.05 percent but greater than zero.

Table 6. Packaged Milk Sales by Market Area by Type of Container, All Pennsylvania Handlers, October 1981.

Market Area	Plastic			Paper	Miscellaneous ^b	Vending Machines	Total
	Glass	Resuable	Not Reusable				
(- - - - -thousands of quarts - - - - -)							
1	585.2	653.0	15,956.3	11,207.4	828.9	294.1	29,524.9
2-1	84.4	222.9	2,461.0	4,564.9	345.9	11.6	7,690.8
2-2	217.2	76.6	2,808.0	3,540.2	321.2	19.9	6,983.1
3	138.4	139.8	2,103.2	3,081.7	174.4	27.3	5,664.8
4	132.8	762.5	4,258.4	6,540.8	484.6	47.6	12,226.7
5-1	182.9	2,556.3	12,683.5	12,765.9	754.3	181.3	29,124.2
5-2	34.3	0.0	967.7	2,467.3	85.9	0.9	3,556.1
6	193.4	19.9	2,143.3	7,382.9	501.4	44.0	10,284.8
State ^a	1,568.7	4,431.0	43,381.5	51,551.0	3,496.4	626.8	105,055.5

Percentage Distribution of Table 6 data:

Market Area	Plastic			Paper	Miscellaneous ^b	Vending Machines	Total
	Glass	Reusable	Not Reusable				
(- - - - -percent - - - - -)							
1	2.0	2.2	54.0	38.0	2.8	1.0	100.0
2-1	1.1	2.9	32.0	59.4	4.5	0.2	100.0
2-2	3.1	1.1	40.2	50.7	4.6	0.3	100.0
3	2.4	2.5	37.1	54.4	3.1	0.5	100.0
4	1.1	6.2	34.8	53.5	4.0	0.4	100.0
5-1	0.6	8.8	43.5	43.8	2.6	0.6	100.0
5-2	1.0	0.0	27.2	69.4	2.4	**	100.0
6	1.9	0.2	20.8	71.8	4.9	0.4	100.0
State	1.5	4.2	41.3	49.1	3.3	0.6	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

** Less than 0.05 percent but greater than zero.

Table 7. Packaged Milk Sales by Market Area by Size of Container, All Pennsylvania Handlers, October 1981.

Market Area	Gallon	Half-Gallon	Gallon Twin-Pack	Half-Gallon Twin-Pack	Three Quarts	Quart	Pint
(- - - - - thousands of quarts - - - - -)							
1	16,451.1	6,830.7	70.1	5.2	0.0	2,260.5	717.5
2-1	2,537.8	2,663.2	282.9	0.2	0.0	875.8	153.7
2-2	2,775.6	2,183.1	32.3	0.0	0.0	695.3	110.2
3	2,022.5	1,718.0	481.4	2.7	0.0	682.0	35.8
4	4,883.9	3,565.9	453.6	0.0	0.0	903.3	393.9
5-1	15,294.1	8,009.7	173.0	110.5	0.0	1,664.7	407.5
5-2	1,793.6	1,077.8	0.0	0.0	0.0	197.3	33.6
6	2,319.2	5,192.8	114.9	0.0	0.0	752.3	165.2
State ^a	48,077.7	31,241.1	1,608.3	118.6	0.0	8,031.2	2,017.4

Percentage Distribution of Table 7 data:

Market Area	Gallon	Half-Gallon	Gallon Twin-Pack	Half-Gallon Twin-Pack	Three Quarts	Quart	Pint
(- - - - - percent - - - - -)							
1	55.7	23.1	0.2	0.0	0.0	7.7	2.4
2-1	33.0	34.6	3.7	0.0	0.0	11.4	2.0
2-2	39.7	31.3	0.5	0.0	0.0	10.0	1.6
3	35.7	30.3	8.5	0.0	0.0	12.0	0.6
4	39.9	29.2	3.7	0.0	0.0	7.4	3.2
5-1	52.5	27.5	0.6	0.4	0.0	5.7	1.4
5-2	50.4	30.3	0.0	0.0	0.0	5.5	0.9
6	22.5	50.5	1.1	0.0	0.0	7.3	1.6
State	45.8	29.7	1.5	0.1	0.0	7.6	1.9

^a Figures on this line may differ slightly from column totals due to rounding.

Table 7. Continued

Market Area	Third Quart	Half-Pint	10 Quart	Bag in Box	Dispenser Container	Bulk Container	Total
(----- thousands of quarts -----)							
1	229.2	2,121.2	10.5	255.2	544.2	29.4	29,524.9
2-1	16.8	810.6	3.9	215.2	129.2	1.5	7,690.8
2-2	45.3	820.2	0.0	252.7	61.4	7.0	6,983.1
3	9.1	539.0	0.0	119.6	53.7	1.1	5,664.8
4	5.4	1,534.5	1.8	177.5	305.8	1.3	12,226.7
5-1	80.9	2,629.5	0.0	84.0	642.6	27.7	29,124.2
5-2	5.1	362.9	0.0	79.8	6.1	0.0	3,556.1
6	62.4	1,173.9	2.7	176.9	315.9	8.5	10,284.8
State ^a	454.1	9,991.7	18.8	1,361.0	2,058.9	76.6	105,055.5

Percentage Distribution of Table 7 data (continued):

Market Area	Third Quart	Half-Pint	10 Quart	Bag in Box	Dispenser Container	Bulk Container	Total
(----- percent -----)							
1	0.8	7.2	0.0	0.9	1.8	0.1	100.0
2-1	0.2	10.5	0.1	2.8	1.7	0.0	100.0
2-2	0.6	11.7	0.0	3.6	0.9	0.1	100.0
3	0.2	9.5	0.0	2.1	0.9	0.0	100.0
4	0.0	12.6	0.0	1.5	2.5	0.0	100.0
5-1	0.3	9.0	0.0	0.3	2.2	0.1	100.0
5-2	0.1	10.2	0.0	2.2	0.2	0.0	100.0
6	0.6	11.4	0.0	1.7	3.1	0.1	100.0
State	0.4	9.5	0.0	1.3	2.0	0.1	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

Table 8. Packaged Milk Sales by Market Area by Type of Product, All Pennsylvania Handlers, October 1981.

Market Area	From 3.25% to 4.0% BF		More than 4.0% BF		Flavored Milk	
	Creamline	Homogenized	Creamline	Homogenized	3.25% BF or more	Less than 3.25% BF
(----- thousands of quarts -----)						
1	62.7	20,340.1	1.1	138.1	532.7	875.0
2-1	1.5	5,616.6	0.7	110.7	467.5	18.4
2-2	1.8	5,292.1	0.1	34.7	445.6	61.4
3	5.9	4,170.3	3.3	183.9	293.4	91.7
4	608.8	7,067.6	0.1	57.6	534.9	521.6
5-1	0.0	17,489.8	18.4	45.7	1,307.8	591.7
5-2	0.0	2,132.8	1.3	0.0	179.9	30.0
6	59.6	6,934.3	0.4	15.6	608.5	80.6
State ^a	740.4	69,043.6	25.3	586.4	4,370.1	2,270.5

Percentage Distribution of Table 8 data:

Market Area	From 3.25% to 4.0% BF		More than 4.0% BF		Flavored Milk	
	Creamline	Homogenized	Creamline	Homogenized	3.25% BF or more	Less than 3.25% BF
(----- percent -----)						
1	0.2	68.9	0.0	0.5	1.8	3.0
2-1	0.0	73.0	0.0	1.4	6.1	0.2
2-2	0.0	75.8	0.0	0.5	6.4	0.9
3	0.1	73.6	0.1	3.2	5.2	1.6
4	5.0	57.8	0.0	0.5	4.4	4.3
5-1	0.0	60.1	0.1	0.2	4.5	2.0
5-2	0.0	60.0	0.0	0.0	5.1	0.8
6	0.6	67.4	0.0	0.2	5.9	0.8
State	0.7	65.7	0.0	0.6	4.2	2.2

^a Figures on this line may differ slightly from column totals due to rounding.

Table 8. Continued

Market Area	Low Fat Milk		Buttermilk		Skimmed Milk		Total
	Over 0.5% and under 2.0% BF	From 2.0% to 3.24% BF	Creamed	Plain	Fortified	Plain	
(-----thousands of quarts-----)							
1	2,462.7	3,083.3	50.0	82.0	946.4	950.8	29,524.9
2-1	493.1	485.5	15.8	7.7	189.0	284.3	7,690.8
2-2	243.5	454.0	13.1	22.1	270.3	144.3	6,983.1
3	136.4	264.7	10.5	22.0	86.0	396.8	5,664.8
4	1,065.7	1,357.2	13.1	37.0	731.7	231.4	12,226.7
5-1	365.1	7,850.7	288.2	174.9	542.6	449.4	29,124.2
5-2	104.0	963.9	5.0	28.4	8.5	102.4	3,556.1
6	129.1	1,818.9	35.7	68.8	417.0	116.3	10,284.8
State ^a	4,999.6	16,278.1	431.3	442.9	3,191.5	2,675.7	105,055.5

Percentage Distribution of Table 8 data (continued):

Market Area	Low Fat Milk		Buttermilk		Skimmed Milk		Total
	Over 0.5% and under 2.0% BF	From 2.0% to 3.24% BF	Creamed	Plain	Fortified	Plain	
(-----percent-----)							
1	8.3	10.4	0.2	0.3	3.2	3.2	100.0
2-1	6.4	6.3	0.2	0.1	2.5	3.7	100.0
2-2	3.5	6.5	0.2	0.3	3.9	2.1	100.0
3	2.4	4.7	0.2	0.4	1.5	7.0	100.0
4	8.7	11.1	0.1	0.3	6.0	1.9	100.0
5-1	1.3	27.0	1.0	0.6	1.9	1.5	100.0
5-2	2.9	27.1	0.1	0.8	0.2	2.9	100.0
6	1.3	17.7	0.3	0.7	4.1	1.1	100.0
State	4.8	15.5	0.4	0.4	3.0	2.5	100.0

^aFigures on this line may differ slightly from column totals due to rounding.

Table 9. Packaged Milk Sales by Container Size by Type of Container, All Pennsylvania Handlers, October 1981.

Container Size	Plastic			Paper	Miscellaneous ^b	Vending Machines	Total
	Glass	Reusable	Not Reusable				
(- - - - -thousands of quarts - - - - -)							
Gallon	119.0	4,332.3	42,189.9	1,436.6	0.0	0.0	48,077.7
Half-Gallon	1,126.9	98.7	1,172.8	28,842.5	0.0	0.2	31,241.1
Gallon Tw/pk	0.0	0.0	0.0	1,608.3	0.0	0.0	1,608.3
Hf-gal. Tw/pk	0.0	0.0	0.0	118.6	0.0	0.0	118.6
Three-Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	300.1	0.0	0.0	7,730.2	0.0	0.9	8,031.2
Pint	*	0.0	0.0	2,000.9	0.0	16.5	2,017.4
Third-Quart	0.0	0.0	0.0	320.4	0.0	133.7	454.1
Half-Pint	22.6	0.0	0.0	9,493.5	0.0	475.6	9,991.7
10 Quart	0.0	0.0	18.8	0.0	0.0	0.0	18.8
Bag in Box	0.0	0.0	0.0	0.0	1,361.0	0.0	1,361.0
Disp. Cont'r.	0.0	0.0	0.0	0.0	2,058.9	0.0	2,058.9
Bulk Cont'r.	0.0	0.0	0.0	0.0	76.6	0.0	76.6
All Sizes ^a	1,568.7	4,431.0	43,381.5	51,551.0	3,496.4	626.8	105,055.5

Percentage Distribution of Table 9 data:

Container Size	Plastic			Paper	Miscellaneous ^b	Vending Machines	Total
	Glass	Reusable	Not Reusable				
(- - - - -percent - - - - -)							
Gallon	0.2	9.0	87.8	3.0	0.0	0.0	100.0
Half-Gallon	3.6	0.3	3.8	92.3	0.0	**	100.0
Gallon Tw/pk	0.0	0.0	0.0	100.0	0.0	0.0	100.0
Hf-gal. Tw/pk	0.0	0.0	0.0	100.0	0.0	0.0	100.0
Three-Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	3.7	0.0	0.0	96.3	0.0	**	100.0
Pint	**	0.0	0.0	99.2	0.0	0.8	100.0
Third-Quart	0.0	0.0	0.0	70.6	0.0	29.4	100.0
Half-Pint	0.2	0.0	0.0	95.0	0.0	4.8	100.0
10 Quart	0.0	0.0	100.0	0.0	0.0	0.0	100.0
Bag in Box	0.0	0.0	0.0	0.0	100.0	0.0	100.0
Disp. Cont'r.	0.0	0.0	0.0	0.0	100.0	0.0	100.0
Bulk Cont'r.	0.0	0.0	0.0	0.0	100.0	0.0	100.0
All Sizes	1.5	4.2	41.3	49.1	3.3	0.6	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 10. Packaged Milk Sales by Product by Type of Container, All Pennsylvania Handlers, October 1981.

Product	Plastic					Miscel- laneous ^b	Vending Machines	Total
	Glass	Reusable	Not Reusable	Paper				
From 3.25% to 4% BF	(- - - - - thousands of quarts - - - - -)							
Creamline	14.4	0.0	28.7	664.9	32.4	0.0	740.4	
Homogenized	1,038.0	2,300.6	31,744.8	33,137.5	2,497.1	325.5	69,043.6	
More than 4.0% BF								
Creamline	3.3	0.0	1.7	20.3	*	0.0	25.3	
Homogenized	36.4	119.0	100.4	289.7	16.5	24.5	586.4	
Flavored Milk								
≥3.25% BF	41.9	0.8	55.4	3,886.6	213.6	171.7	4,370.1	
<3.25% BF	8.0	1.9	141.6	1,976.2	50.7	92.0	2,270.5	
Low Fat Milk								
>0.5% & <2.0% BF	136.7	97.5	2,700.3	2,003.4	61.7	*	4,999.6	
≥2.0% & <3.25% BF	122.0	1,735.0	7,647.7	6,541.2	229.1	3.1	16,278.1	
Buttermilk								
Creamed	6.8	0.0	11.1	375.5	36.8	1.2	431.3	
Plain	3.5	0.0	63.0	360.0	14.8	1.6	442.9	
Skim Milk								
Fortified	55.3	152.3	173.7	2,565.7	240.4	4.0	3,191.5	
Plain	102.4	23.8	713.1	1,730.0	103.3	3.1	2,675.7	
All Products ^a	1,568.7	4,431.0	43,381.5	51,551.0	3,496.4	626.8	105,055.5	

Percentage Distribution of Table 10 data:

Product	Plastic					Miscel- laneous ^b	Vending Machines	Total
	Glass	Reusable	Not Reusable	Paper				
From 3.25% to 4% BF	(- - - - - percent - - - - -)							
Creamline	1.9	0.0	3.9	89.8	4.4	0.0	100.0	
Homogenized	1.5	3.3	46.0	45.1	3.6	0.5	100.0	
More than 4.0% BF								
Creamline	12.9	0.0	6.8	80.0	0.3	0.0	100.0	
Homogenized	6.2	20.3	17.1	49.4	2.8	4.2	100.0	
Flavored Milk								
>3.25% BF	1.0	**	1.3	88.9	4.9	3.9	100.0	
<3.25% BF	0.4	**	6.2	87.0	2.2	4.1	100.0	
Low Fat Milk								
>0.5% & <2.0% BF	2.7	1.9	54.0	40.1	1.2	**	100.0	
≥2.0% & <3.25% BF	0.7	10.7	47.0	40.2	1.4	**	100.0	
Buttermilk								
Creamed	1.6	0.0	2.6	87.0	8.5	0.3	100.0	
Plain	0.8	0.0	14.2	81.3	3.3	0.4	100.0	
Skim Milk								
Fortified	1.7	4.8	5.4	80.4	7.5	0.1	100.0	
Plain	3.8	0.9	26.6	64.7	3.9	0.1	100.0	
All Products	1.5	4.2	41.3	49.1	3.3	0.6	100.0	

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 11. Packaged Milk Sales by Product by Size of Container, All Pennsylvania Handlers, October 1981.

Product	Gallon	Half- Gallon	Gallon Twin Pack	Half gal- lon Twin Pack	Three Quart	Quart	Pint
From 3.25% to 4% BF	(- - - - - thousands of quarts - - - - -)						
Creamline	23.9	264.3	305.5	0.0	0.0	87.6	21.4
Homogenized	34,167.8	20,603.1	1,007.3	102.4	0.0	5,028.5	845.8
More than 4.0% BF							
Creamline	0.0	1.7	0.0	0.0	0.0	14.9	8.0
Homogenized	205.6	139.2	28.1	0.6	0.0	63.9	4.1
Flavored Milk							
>3.25% BF	32.9	89.7	*	0.0	0.0	648.2	809.4
<3.25% BF	141.5	46.0	0.0	0.0	0.0	101.4	319.5
Low Fat Milk							
>0.5% & <2.0% BF	2,756.4	1,661.5	37.5	0.0	0.0	297.5	3.3
>2.0% & <3.25% BF	9,758.1	5,185.4	152.7	15.6	0.0	245.6	0.0
Buttermilk							
Creamed	0.0	172.1	0.0	0.0	0.0	203.9	5.0
Plain	11.5	168.1	0.0	0.0	0.0	238.1	0.8
Skim Milk							
Fortified	323.4	1,657.1	59.3	0.0	0.0	612.7	0.0
Plain	656.7	1,252.9	17.7	0.0	0.0	489.0	0.0
All Products ^a	48,077.7	31,241.1	1,608.3	118.6	0.0	8,031.2	2,017.4

Percentage Distribution of Table 11 data:

Product	Gallon	Half- Gallen	Gallon Twin Pack	Half gal- lon Twin Pack	Three Quart	Quart	Pint
From 3.25% to 4% BF	(- - - - - percent - - - - -)						
Creamline	3.2	35.7	41.3	0.0	0.0	11.8	2.9
Homogenized	49.5	29.8	1.5	0.1	0.0	7.3	1.2
More than 4.0% BF							
Creamline	0.0	6.8	0.0	0.0	0.0	58.9	31.5
Homogenized	35.1	23.7	4.8	0.1	0.0	10.9	0.7
Flavored Milk							
>3.25% BF	0.8	2.1	0.0	0.0	0.0	14.8	18.5
<3.25% BF	6.2	2.0	0.0	0.0	0.0	4.5	14.1
Low Fat Milk							
>0.5% & <2.0% BF	55.1	33.2	0.8	0.0	0.0	6.0	0.1
>2.0% & <3.25% BF	59.9	31.9	0.9	0.1	0.0	1.5	0.0
Buttermilk							
Creamed	0.0	39.9	0.0	0.0	0.0	47.3	1.1
Plain	2.6	38.0	0.0	0.0	0.0	53.8	0.2
Skim Milk							
Fortified	10.1	51.9	1.9	0.0	0.0	19.2	0.0
Plain	24.5	46.8	0.7	0.0	0.0	18.3	0.0
All Products	45.8	29.7	1.5	0.1	0.0	7.6	1.9

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 11. Continued

Product	Third- Quart	Half- Pint	Ten Quart	Bag in Box	Dispenser Container	Bulk Container	Total
From 3.25% to 4% BF	(-----thousands of quarts-----)						
Creamline	0.0	5.2	0.0	0.3	30.7	1.4	740.4
Homogenized	288.4	4,486.3	16.9	1,070.0	1,385.2	41.9	69,043.6
More than 4.0% BF							
Creamline	0.0	0.6	0.0	0.0	*	0.0	25.3
Homogenized	6.5	121.9	0.0	0.6	12.4	3.4	586.4
Flavored Milk							
>3.25% BF	89.3	2,486.9	0.0	64.5	148.8	0.3	4,370.1
<3.25% BF	57.8	1,553.7	0.0	9.8	40.8	0.0	2,270.5
Low Fat Milk							
>0.5% & <2.0% BF	0.3	181.3	0.0	35.3	26.4	0.0	4,999.6
>2.0% & <3.25% BF	8.6	681.2	1.9	76.2	143.3	9.5	16,278.1
Buttermilk							
Creamed	0.0	13.6	0.0	0.3	22.1	14.4	431.3
Plain	0.0	9.5	0.0	5.4	8.8	0.6	442.9
Skim Milk							
Fortified	3.2	295.3	0.0	38.1	197.3	5.0	3,191.5
Plain	0.0	156.1	0.0	60.3	42.9	0.0	2,675.7
All Products ^a	454.1	9,991.7	18.8	1,361.0	2,058.9	76.6	105,055.5

Percentage Distribution of Table 11 data (continued):

Product	Third- Quart	Half- Pint	Ten Quart	Bag in Box	Dispenser Container	Bulk Container	Total
From 3.25% to 4% BF	(-----percent-----)						
Creamline	0.0	0.7	0.0	0.0	4.1	0.2	100.0
Homogenized	0.4	6.5	0.0	1.5	2.0	0.1	100.0
More than 4.0% BF							
Creamline	0.0	2.5	0.0	0.0	0.3	0.0	100.0
Homogenized	1.1	20.8	0.0	0.1	2.1	0.6	100.0
Flavored Milk							
>3.25% BF	2.0	56.9	0.0	1.5	3.4	0.0	100.0
<3.25% BF	2.5	68.4	0.0	0.4	1.8	0.0	100.0
Low Fat Milk							
>0.5% & <2.0% BF	0.0	3.6	0.0	0.7	0.5	0.0	100.0
>2.0% & <3.25% BF	0.1	4.2	0.0	0.5	0.9	0.1	100.0
Buttermilk							
Creamed	0.0	3.2	0.0	0.1	5.1	3.3	100.0
Plain	0.0	2.1	0.0	1.2	2.0	0.1	100.0
Skim Milk							
Fortified	0.1	9.3	0.0	1.2	6.2	0.2	100.0
Plain	0.0	5.8	0.0	2.3	1.6	0.0	100.0
All Products	0.4	9.5	0.0	1.3	2.0	0.1	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 12. Packaged Milk Sales by Container Size by Type of Outlet, All Pennsylvania Handlers, October 1981.

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest-aurants	Schools	Vending Machines		
(----- thousands of quarts -----)							
Gallon	1,117.7	46,242.6	704.5	12.8	0.0	46,960.0	48,077.7
Half-Gallon	3,432.7	27,056.5	736.6	15.2	0.2	27,808.4	31,241.1
Gallon Tw/pk	5.5	1,575.7	26.6	0.6	0.0	1,602.8	1,608.3
Hf-gal. Tw/pk	0.6	115.6	2.4	0.0	0.0	118.0	118.6
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	1,200.1	6,558.3	268.1	3.9	0.9	6,831.2	8,031.2
Pint	25.4	1,764.9	190.7	19.9	16.5	1,992.0	2,017.4
Third-Quart	0.7	82.6	164.4	72.8	133.7	453.4	454.1
Half-Pint	6.3	688.7	2,076.5	6,744.6	475.6	9,985.4	9,991.7
10 Quart	14.0	3.0	1.8	0.0	0.0	4.8	18.8
Bag in Box	18.1	14.7	1,211.1	117.1	0.0	1,342.8	1,361.0
Disp. Cont'r.	15.9	28.0	1,977.2	37.8	0.0	2,043.1	2,058.9
Bulk Cont'r.	0.0	0.0	75.9	0.6	0.0	76.6	76.6
All Sizes ^a	5,837.0	84,130.6	7,435.8	7,025.3	626.8	99,218.4	105,055.5

Percentage Distribution of Table 12 data:

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest-aurants	Schools	Vending Machines		
(----- percent -----)							
Gallon	2.3	96.2	1.5	**	0.0	97.7	100.0
Half-Gallon	11.0	86.6	2.4	**	**	89.0	100.0
Gallon Tw/pk	0.3	98.0	1.7	**	0.0	99.7	100.0
Hf-gal. Tw/pk	0.5	97.5	2.0	0.0	0.0	99.5	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	14.9	81.7	3.3	**	**	85.1	100.0
Pint	1.3	87.5	9.5	1.0	0.8	98.7	100.0
Third-Quart	0.1	18.2	36.2	16.0	29.4	99.9	100.0
Half-Pint	**	6.9	20.8	67.5	4.8	99.9	100.0
10 Quart	74.5	15.8	9.7	0.0	0.0	25.5	100.0
Bag in Box	1.3	1.1	89.0	8.6	0.0	98.7	100.0
Disp. Cont'r.	0.8	1.4	96.0	1.8	0.0	99.2	100.0
Bulk Cont'r.	0.0	0.0	99.2	0.8	0.0	100.0	100.0
All Sizes	5.6	80.1	7.1	6.7	0.6	94.4	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

** Less than 0.05 percent but greater than zero.

Table 13. Packaged Milk Sales by Container Size by Type of Outlet, Pennsylvania Dealers, October 1981.

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
	(- - - - -thousands of quarts - - - - -)						
Gallon	1,021.8	43,052.4	661.2	12.4	0.0	43,726.1	44,747.8
Half-Gallon	2,663.2	24,783.7	660.5	15.2	0.0	25,459.4	28,122.6
Gallon Tw/pk	5.5	1,527.9	26.5	0.6	0.0	1,555.0	1,560.6
Hf-gal. Tw/pk	*	92.4	0.7	0.0	0.0	93.1	93.1
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	992.7	6,096.1	241.6	3.4	0.9	6,342.0	7,334.6
Pint	24.7	1,593.8	171.1	19.9	16.5	1,801.3	1,826.0
Third-Quart	0.7	78.0	159.7	61.9	125.8	425.5	426.1
Half-Pint	5.8	661.8	1,954.5	6,088.2	347.4	9,051.9	9,057.7
10 Quart	14.0	3.0	0.0	0.0	0.0	3.0	17.0
Bag in Box	18.1	14.7	1,114.2	104.6	0.0	1,233.4	1,251.6
Disp. Cont'r.	15.9	18.0	1,880.9	37.1	0.0	1,935.9	1,951.8
Bulk Cont'r.	0.0	0.0	66.4	0.6	0.0	67.0	67.0
All Sizes ^a	4,762.3	77,921.8	6,937.1	6,344.0	490.6	91,693.5	96,455.8

Percentage Distribution of Table 13 data:

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
	(- - - - -percent - - - - -)						
Gallon	2.3	96.2	1.5	**	0.0	97.7	100.0
Half-Gallon	9.5	88.1	2.3	**	0.0	90.5	100.0
Gallon Tw/pk	0.4	97.9	1.7	**	0.0	99.6	100.0
Hf-gal. Tw/pk	**	99.2	0.7	0.0	0.0	100.0	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	13.5	83.1	3.3	**	**	86.5	100.0
Pint	1.4	87.3	9.4	1.1	0.9	98.6	100.0
Third-Quart	0.2	18.3	37.5	14.5	29.5	99.8	100.0
Half-Pint	**	7.3	21.6	67.2	3.8	99.9	100.0
10 Quart	82.5	17.5	0.0	0.0	0.0	17.5	100.0
Bag in Box	1.4	1.2	89.0	8.4	0.0	98.6	100.0
Disp. Cont'r.	0.8	0.9	96.4	1.9	0.0	99.2	100.0
Bulk Cont'r.	0.0	0.0	99.1	0.9	0.0	100.0	100.0
All Sizes	4.9	80.8	7.2	6.6	0.5	95.1	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 14. Packaged Milk Sales by Container Size by Type of Outlet, Pennsylvania Subdealers, October 1981.

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(-----thousands of quarts-----)							
Gallon	65.5	2,935.1	41.4	0.4	0.0	2,976.9	3,042.3
Half-Gallon	331.5	1,988.5	64.6	*	0.0	2,053.1	2,384.7
Gallon Tw/pk	0.0	47.7	0.0	0.0	0.0	47.7	47.7
Hf-gal. Tw/pk	0.6	23.2	0.4	0.0	0.0	23.7	24.3
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	146.5	454.3	25.3	*	0.0	479.6	626.1
Pint	0.8	165.4	19.6	0.0	0.0	185.1	185.8
Third-Quart	*	4.6	4.7	10.8	7.9	28.0	28.0
Half-Pint	0.5	26.4	112.8	579.6	128.2	847.0	847.5
10 Quart	0.0	0.0	1.8	0.0	0.0	1.8	1.8
Bag in Box	0.0	0.0	75.9	12.5	0.0	88.5	88.5
Disp. Cont'r.	0.0	10.0	81.2	0.7	0.0	91.9	91.9
Bulk Cont'r.	0.0	0.0	8.3	0.0	0.0	8.3	8.3
All Sizes ^a	545.4	5,655.4	436.0	604.1	136.1	6,831.6	7,377.0

Percentage Distribution of Table 14 data:

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(-----percent-----)							
Gallon	2.2	96.5	1.4	**	0.0	97.8	100.0
Half-Gallon	13.9	83.4	2.7	**	0.0	86.1	100.0
Gallon Tw/pk	0.0	100.0	0.0	0.0	0.0	100.0	100.0
Hf-gal. Tw/pk	2.5	95.7	1.9	0.0	0.0	97.5	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	23.4	72.6	4.0	**	0.0	76.6	100.0
Pint	0.4	89.0	10.6	0.0	0.0	99.6	100.0
Third-Quart	**	16.5	16.6	38.7	28.1	100.0	100.0
Half-Pint	**	3.1	13.3	68.4	15.1	99.9	100.0
10 Quart	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Bag in Box	0.0	0.0	85.8	14.2	0.0	100.0	100.0
Disp. Cont'r.	0.0	10.9	88.3	0.7	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	7.4	76.7	5.9	8.2	1.8	92.6	100.0

^aFigures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 15. Packaged Milk Sales by Container Size by Type of Outlet, Pennsylvania Producer-Distributors, October 1981.

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest-aurants	Schools	Vending Machines	Total Wholesale	
(- - - - -thousands of quarts - - - - -)							
Gallon	30.5	255.1	1.9	0.0	0.0	257.0	287.5
Half-Gallon	438.0	284.3	11.5	0.0	0.2	295.9	733.9
Gallon Tw/pk	0.0	0.0	*	0.0	0.0	*	*
Hf-gal. Tw/pk	0.0	0.0	1.2	0.0	0.0	1.2	1.2
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	60.9	7.9	1.2	0.5	0.0	9.6	70.5
Pint	0.0	5.6	0.0	0.0	0.0	5.6	5.6
Third-Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Half-Pint	0.0	0.5	9.3	76.7	0.0	86.5	86.5
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	20.9	0.0	0.0	20.9	20.9
Disp. Cont'r.	0.0	0.0	15.2	0.0	0.0	15.2	15.2
Bulk Cont'r.	0.0	0.0	1.3	0.0	0.0	1.3	1.3
All Sizes ^a	529.4	553.4	62.6	77.2	0.2	693.3	1,222.7

Percentage Distribution of Table 15 data:

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest-aurants	Schools	Vending Machines	Total Wholesale	
(- - - - -percent - - - - -)							
Gallon	10.6	88.7	0.7	0.0	0.0	89.4	100.0
Half-Gallon	59.7	38.7	1.6	0.0	**	40.3	100.0
Gallon Tw/pk	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Hf-gal. Tw/pk	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	86.4	11.2	1.7	0.7	0.0	13.6	100.0
Pint	0.0	100.0	0.0	0.0	0.0	100.0	100.0
Third-Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Half-Pint	0.0	0.5	10.8	88.7	0.0	100.0	100.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Disp. Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	43.3	45.3	5.1	6.3	**	56.7	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 16. Retail Sales of Packaged Milk by Product by Type of Container, All Pennsylvania Handlers, October 1981.

Product	Plastic				Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable				
From 3.25% to 4% BF	(- - - - - thousands of quarts - - - - -)						
Creamline	14.0	0.0	0.0		97.6	0.0	111.6
Homogenized	804.8	429.5	354.3		2,039.8	30.4	3,658.9
More than 4.0% BF							
Creamline	3.3	0.0	1.5		0.1	0.0	4.9
Homogenized	35.8	0.0	4.3		33.7	0.0	73.7
Flavored Milk							
≥3.25% BF	18.5	0.0	3.0		46.7	0.0	68.3
<3.25% BF	1.4	0.0	0.5		9.6	0.5	12.0
Low Fat Milk							
>0.5% & <2.0% BF	100.3	26.1	25.4		124.5	0.0	276.2
≥2.0% & <3.25% BF	68.7	270.3	39.0		648.9	2.6	1,029.4
Buttermilk							
Creamed	5.9	0.0	2.4		9.7	0.0	18.0
Plain	2.6	0.0	1.3		21.6	0.0	25.6
Skim Milk							
Fortified	46.2	16.2	0.3		197.1	0.4	260.2
Plain	77.6	4.1	6.0		210.6	0.0	298.3
All Products ^a	1,179.1	746.1	438.1		3,439.8	34.0	5,837.0

Percentage Distribution of Table 16 data:

Product	Plastic				Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable				
From 3.25% to 4% BF	(- - - - - percent - - - - -)						
Creamline	12.6	0.0	0.0		87.4	0.0	100.0
Homogenized	22.0	11.7	9.7		55.7	0.8	100.0
More than 4.0% BF							
Creamline	66.5	0.0	31.4		2.1	0.0	100.0
Homogenized	48.5	0.0	5.8		45.7	0.0	100.0
Flavored Milk							
≥3.25% BF	27.2	0.0	4.4		68.4	0.0	100.0
<3.25% BF	11.4	0.0	4.0		80.5	4.0	100.0
Low Fat Milk							
>0.5% & <2.0% BF	36.3	9.4	9.2		45.1	0.0	100.0
≥2.0% & <3.25% BF	6.7	26.3	3.8		63.0	0.3	100.0
Buttermilk							
Creamed	32.7	0.0	13.3		54.0	0.0	100.0
Plain	10.2	0.0	5.2		84.5	0.0	100.0
Skim Milk							
Fortified	17.8	6.2	0.1		75.7	0.2	100.0
Plain	26.0	1.4	2.0		70.6	0.0	100.0
All Products	20.2	12.8	7.5		58.9	0.6	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 17. Wholesale Sales of Packaged Milk, by Product by Type of Container, All Pennsylvania Handlers, October 1981.

Product	Plastic			Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable			
From 3.25% to 4% BF	(- - - - - thousands of quarts - - - - -)					
Creamline	0.4	0.0	28.7	567.3	32.4	628.8
Homogenized	233.2	1,871.1	31,716.0	29,097.7	2,466.7	65,384.7
More than 4.0% BF						
Creamline	0.0	0.0	0.2	20.2	*	20.4
Homogenized	0.7	119.0	120.6	256.0	16.5	512.7
Flavored Milk						
>3.25% BF	23.4	0.8	224.0	3,839.9	213.6	4,301.8
<3.25% BF	6.7	1.9	233.1	1,966.6	50.2	2,258.5
Low Fat Milk						
>0.5% & <2.0% BF	36.4	71.4	2,674.8	1,879.0	61.7	4,723.3
>2.0% & <3.25% BF	53.3	1,464.8	7,611.9	5,892.3	226.4	15,248.7
Buttermilk						
Creamed	0.9	0.0	9.9	365.7	36.8	413.3
Plain	0.8	0.0	63.3	338.4	14.8	417.3
Skim Milk						
Fortified	9.1	136.2	177.4	2,368.6	240.0	2,931.3
Plain	24.8	19.8	710.2	1,519.4	103.3	2,377.5
All Products ^a	389.6	3,684.9	43,570.2	48,111.2	3,462.5	99,218.4

Percentage Distribution of Table 17 data:

Product	Plastic			Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable			
From 3.25% to 4% BF	(- - - - - percent - - - - -)					
Creamline	**	0.0	4.6	90.2	5.2	100.0
Homogenized	0.4	2.9	48.5	44.5	3.8	100.0
More than 4.0% BF						
Creamline	0.0	0.0	0.9	98.8	0.4	100.0
Homogenized	0.1	23.2	23.5	49.9	3.2	100.0
Flavored Milk						
>3.25% BF	0.5	**	5.2	89.3	5.0	100.0
<3.25% BF	0.3	**	10.3	87.1	2.2	100.0
Low Fat Milk						
>0.5% & <2.0% BF	0.8	1.5	56.6	39.8	1.3	100.0
>2.0% & <3.25% BF	0.3	9.6	49.9	38.6	1.5	100.0
Buttermilk						
Creamed	0.2	0.0	2.4	88.5	8.9	100.0
Plain	0.2	0.0	15.2	81.1	3.5	100.0
Skim Milk						
Fortified	0.3	4.6	6.1	80.8	8.2	100.0
Plain	1.0	0.8	29.9	63.9	4.3	100.0
All Products	0.4	3.7	43.9	48.5	3.5	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 18. Packaged Milk Sales to Schools, by Product by Size of Container, All Pennsylvania Handlers, October 1981.

Product	Gallon Half Gal- Twin lon Twin Three						
	Gallon	Half- Gallon	Twin Pack	lon Twin Pack	Three Quart	Quart	Pint
From 3.25% to 4% BF	(- - - - - thousands of quarts - - - - -)						
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	12.0	11.8	0.6	0.0	0.0	2.5	0.9
More than 4.0% BF							
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Flavored Milk							
≥3.25% BF	0.0	0.0	0.0	0.0	0.0	0.2	18.4
<3.25% BF	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Low Fat Milk							
>0.5% & <2.0% BF	*	0.2	0.0	0.0	0.0	0.0	0.0
≥2.0% & <3.25% BF	0.7	1.8	0.0	0.0	0.0	*	0.0
Buttermilk							
Creamed	0.0	0.2	0.0	0.0	0.0	0.2	0.0
Plain	0.0	0.3	0.0	0.0	0.0	*	0.0
Skim Milk							
Fortified	0.0	0.5	0.0	0.0	0.0	0.4	0.0
Plain	0.0	0.3	0.0	0.0	0.0	0.1	0.0
All Products ^a	12.8	15.2	0.6	0.0	0.0	3.9	19.9

Percentage Distribution of Table 18 data:

Product	Gallon Half Gal- Twin lon Twin Three						
	Gallon	Half- Gallon	Twin Pack	lon Twin Pack	Three Quart	Quart	Pint
From 3.25% to 4% BF	(- - - - - percent - - - - -)						
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	0.4	0.4	0.0	0.0	0.0	0.1	0.0
More than 4.0% BF							
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	0.0	0.0	0.0	0.0	0.0	0.4	0.0
Flavored Milk							
≥3.25% BF	0.0	0.0	0.0	0.0	0.0	0.0	1.0
<3.25% BF	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Low Fat Milk							
>0.5% & <2.0% BF	0.0	0.2	0.0	0.0	0.0	0.0	0.0
≥2.0% & <3.25% BF	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Buttermilk							
Creamed	0.0	26.1	0.0	0.0	0.0	17.7	0.0
Plain	0.0	39.0	0.0	0.0	0.0	11.3	0.0
Skim Milk							
Fortified	0.0	0.5	0.0	0.0	0.0	0.4	0.0
Plain	0.0	0.4	0.0	0.0	0.0	0.1	0.0
All Products	0.2	0.2	0.0	0.0	0.0	0.1	0.3

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 18. Continued

Product	Third- Quart	Half- Pint	Ten Quart	Bag in Box	Dispenser Container	Bulk Container	Total
<u>From 3.25% to 4% BF</u>	(- - - - -)	(- - - - -)	(- - - - -)	thousands	of quarts	(- - - - -)	(- - - - -)
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	28.9	2,650.8	0.0	73.2	19.4	0.6	2,800.7
<u>More than 4.0% BF</u>							
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	0.0	94.3	0.0	0.0	0.0	0.0	94.6
<u>Flavored Milk</u>							
>3.25% BF	12.2	1,885.4	0.0	8.7	4.8	0.0	1,929.8
<3.25% BF	22.0	1,346.7	0.0	0.6	0.8	0.0	1,370.8
<u>Low Fat Milk</u>							
>0.5% & <2.0% BF	0.3	107.9	0.0	0.0	0.0	0.0	108.4
>2.0% & <3.25% BF	8.5	526.7	0.0	22.7	9.2	0.0	569.7
<u>Buttermilk</u>							
Creamed	0.0	0.5	0.0	0.0	0.0	0.0	0.9
Plain	0.0	0.4	0.0	0.0	*	0.0	0.8
<u>Skim Milk</u>							
Fortified	0.9	79.7	0.0	11.0	3.6	0.0	96.0
Plain	0.0	68.0	0.0	0.9	0.0	0.0	69.3
All Products ^a	72.8	6,760.4	0.0	117.1	37.8	0.6	7,041.1

Percentage Distribution of Table 18 data (continued):

Product	Third- Quart	Half- Pint	Ten Quart	Bag in Box	Dispenser Container	Bulk Container	Total
<u>From 3.25% to 4% BF</u>	(- - - - -)	(- - - - -)	(- - - - -)	percent	(- - - - -)	(- - - - -)	(- - - - -)
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	1.0	94.6	0.0	2.6	0.7	0.0	100.0
<u>More than 4.0% BF</u>							
Creamline	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Homogenized	0.0	99.6	0.0	0.0	0.0	0.0	100.0
<u>Flavored Milk</u>							
>3.25% BF	0.6	97.7	0.0	0.5	0.2	0.0	100.0
<3.25% BF	1.6	98.2	0.0	0.0	0.1	0.0	100.0
<u>Low Fat Milk</u>							
>0.5% & <2.0% BF	0.2	99.5	0.0	0.0	0.0	0.0	100.0
>2.0% & <3.25% BF	1.5	92.5	0.0	4.0	1.6	0.0	100.0
<u>Buttermilk</u>							
Creamed	0.0	56.2	0.0	0.0	0.0	0.0	100.0
Plain	0.0	47.4	0.0	0.0	2.3	0.0	100.0
<u>Skim Milk</u>							
Fortified	0.9	83.0	0.0	11.4	3.7	0.0	100.0
Plain	0.0	98.1	0.0	1.3	0.0	0.0	100.0
All Products	1.0	96.0	0.0	1.7	0.5	0.0	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 19. Packaged Milk Sales to Schools, by Container Size by Type of Container, All Pennsylvania Handlers, October 1981.

Container Size	Plastic			Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable			
(- - - - -thousands of quarts - - - - -)						
Gallon	0.0	5.7	7.1	*	0.0	12.8
Half-Gallon	0.0	0.0	1.0	14.2	0.0	15.2
Gallon Tw/pk	0.0	0.0	0.0	0.6	0.0	0.6
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0
Quart	0.5	0.0	0.0	3.4	0.0	3.9
Pint	0.0	0.0	0.0	19.9	0.0	19.9
Third-Quart	0.0	0.0	0.0	72.8	0.0	72.8
Half-Pint	22.6	0.0	0.0	6,737.7	0.0	6,760.4
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	0.0	0.0	117.1	117.1
Disp. Cont'r.	0.0	0.0	0.0	0.0	37.8	37.8
Bulk Cont'r.	0.0	0.0	0.0	0.0	0.6	0.6
All Sizes ^a	23.1	5.7	8.0	6,848.6	155.6	7,041.1

Percentage Distribution of Table 19 data:

Container Size	Plastic			Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable			
(- - - - -percent - - - - -)						
Gallon	0.0	44.9	55.1	**	0.0	100.0
Half-Gallon	0.0	0.0	6.5	93.5	0.0	100.0
Gallon Tw/pk	0.0	0.0	0.0	100.0	0.0	100.0
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0
Quart	12.4	0.0	0.0	87.6	0.0	100.0
Pint	0.0	0.0	0.0	100.0	0.0	100.0
Third-Quart	0.0	0.0	0.0	100.0	0.0	100.0
Half-Pint	0.3	0.0	0.0	99.7	0.0	100.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	0.0	0.0	100.0	100.0
Disp. Cont'r.	0.0	0.0	0.0	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	0.0	0.0	100.0	100.0
All Sizes	0.3	**	0.1	97.3	2.2	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 20. Packaged Milk Sales in Vending Machines, by Size of Container by Place of Consumption, All Pennsylvania Handlers, October 1981.

Container Size	Other than Schools			Total
	Schools	On Premise	Off Premise	
	(- - - - - thousands of quarts - - - - -)			
Gallon	0.0	0.0	0.0	0.0
Half-Gallon	0.0	0.0	0.2	0.2
Gallon Tw/pk	0.0	0.0	0.0	0.0
Half-Gallon Tw/pk	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0
Quart	0.0	0.8	*	0.9
Pint	0.0	13.4	3.0	16.5
Third-Quart	0.0	133.7	0.0	133.7
Half-Pint	15.8	438.7	21.1	475.6
10 Quart	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	0.0	0.0
Disp. Cont'r.	0.0	0.0	0.0	0.0
Bulk Cont'r.	0.0	0.0	0.0	0.0
All Sizes ^a	15.8	586.6	24.4	626.8

Percentage Distribution of Table 20 data:

Container Size	Other than Schools			Total
	School	On Premise	Off Premise	
	(- - - - - percent - - - - -)			
Gallon	0.0	0.0	0.0	0.0
Half-Gallon	0.0	0.0	100.0	100.0
Gallon Tw/pk	0.0	0.0	0.0	0.0
Half-Gallon Tw/pk	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0
Quart	0.0	93.0	7.0	100.0
Pint	0.0	81.6	18.4	100.0
Third-Quart	0.0	100.0	0.0	100.0
Half-Pint	3.3	92.2	4.4	100.0
10 Quart	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	0.0	0.0
Disp. Cont'r.	0.0	0.0	0.0	0.0
Bulk Cont'r.	0.0	0.0	0.0	0.0
All Sizes	2.5	93.6	3.9	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 21. Dealer to Dealer Sales of Packaged Milk, by Product by Size of Container, Pennsylvania, October 1981.

Product	Gallon Half Gal-						
	Gallon	Half-Gallon	Twin Pack	lon Twin Pack	Three Quarts	Quart	Pint
From 3.25% to 4% BF	(- - - - - thousands of quarts - - - - -)						
Creamline	0.0	0.0	0.0	0.0	0.0	0.4	0.0
Homogenized	4,130.9	2,303.1	152.8	149.0	0.0	556.4	120.4
More than 4.0% BF							
Creamline	*	0.0	0.0	0.0	0.0	1.1	0.2
Homogenized	57.2	0.0	0.0	0.0	0.0	0.0	0.0
Flavored Milk							
≥3.25% BF	0.0	0.0	0.0	0.0	0.0	82.4	84.8
<3.25% BF	*	10.2	0.0	0.0	0.0	6.0	53.7
Low Fat Milk							
>0.5% & <2.0% BF	183.9	192.6	0.0	0.0	0.0	54.6	0.0
≥2.0% & <3.25% BF	1,345.9	743.8	0.4	14.1	0.0	41.6	0.0
Buttermilk							
Creamed	0.0	30.8	0.0	0.0	0.0	31.6	0.0
Plain	3.3	20.2	0.0	0.0	0.0	66.2	0.0
Skim Milk							
Fortified	20.8	149.7	0.0	0.0	0.0	59.5	0.0
Plain	0.3	87.7	0.0	15.8	0.0	50.2	0.0
All Products ^a	5,742.4	3,538.2	153.2	178.9	0.0	949.9	259.1

Percentage Distribution of Table 21 data:

Product	Gallon Half Gal-						
	Gallon	Half-Gallon	Twin Pack	lon Twin Pack	Three Quarts	Quart	Pint
From 3.25% to 4% BF	(- - - - - percent - - - - -)						
Creamline	0.0	0.0	0.0	0.0	0.0	0.3	0.0
Homogenized	46.5	25.9	1.7	1.7	0.0	6.3	1.4
More than 4.0% BF							
Creamline	1.5	0.0	0.0	0.0	0.0	78.1	12.5
Homogenized	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Flavored Milk							
≥3.25% BF	0.0	0.0	0.0	0.0	0.0	10.6	10.9
<3.25% BF	0.0	4.0	0.0	0.0	0.0	2.3	21.0
Low Fat Milk							
>0.5% & <2.0% BF	41.1	43.0	0.0	0.0	0.0	12.2	0.0
≥2.0% & <3.25% BF	61.0	33.7	0.0	0.6	0.0	1.9	0.0
Buttermilk							
Creamed	0.0	46.1	0.0	0.0	0.0	47.2	0.0
Plain	3.5	21.6	0.0	0.0	0.0	71.0	0.0
Skim Milk							
Fortified	6.2	44.3	0.0	0.0	0.0	17.6	0.0
Plain	0.2	52.5	0.0	9.5	0.0	30.0	0.0
All Products	42.8	26.4	1.1	1.3	0.0	7.1	1.9

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 21. Continued

Product	Third Quart	Half- Pint	Ten Quart	Bag in Box	Dispenser Container	Bulk Container	Total
<u>From 3.25% to 4% BF</u>	(----- thousands of quarts -----)						
Creamline	0.0	0.0	0.0	0.0	116.7	0.0	117.1
Homogenized	20.6	1,099.8	0.0	141.1	111.0	92.4	8,877.6
<u>More than 4.0% BF</u>							
Creamline	0.0	0.1	0.0	0.0	0.0	0.0	1.4
Homogenized	0.0	0.0	0.0	0.0	0.0	0.0	57.2
<u>Flavored Milk</u>							
>3.25% BF	12.8	589.8	0.0	3.7	5.0	0.0	778.5
<3.25% BF	0.0	185.0	0.0	0.0	0.3	0.0	255.4
<u>Low Fat Milk</u>							
>0.5% & <2.0% BF	0.0	16.1	0.0	0.0	0.6	0.0	447.8
>2.0% & <3.25% BF	*	58.5	0.0	*	1.3	0.5	2,206.2
<u>Buttermilk</u>							
Creamed	0.0	0.9	0.0	3.6	0.0	0.0	66.9
Plain	0.0	1.0	0.0	0.7	1.9	0.0	93.3
<u>Skim Milk</u>							
Fortified	0.0	89.3	0.0	14.5	4.3	0.0	338.0
Plain	0.0	11.2	0.0	0.9	1.0	0.0	167.1
All Products ^a	33.4	2,051.8	0.0	164.5	242.1	93.0	13,406.5

Percentage Distribution of Table 21 data (continued):

Product	Third Quart	Half- Pint	Ten Quart	Bag in Box	Dispenser Container	Bulk Container	Total
<u>From 3.25% to 4% BF</u>	(----- percent -----)						
Creamline	0.0	0.0	0.0	0.0	99.7	0.0	100.0
Homogenized	0.2	12.4	0.0	1.6	1.2	1.0	100.0
<u>More than 4.0% BF</u>							
Creamline	0.0	7.9	0.0	0.0	0.0	0.0	100.0
Homogenized	0.0	0.0	0.0	0.0	0.0	0.0	100.0
<u>Flavored Milk</u>							
>3.25% BF	1.6	75.8	0.0	0.5	0.6	0.0	100.0
<3.25% BF	0.0	72.5	0.0	0.0	0.1	0.0	100.0
<u>Low Fat Milk</u>							
>0.5% & <2.0% BF	0.0	3.6	0.0	0.0	0.1	0.0	100.0
>2.0% & <3.25% BF	0.0	2.6	0.0	0.0	0.1	0.0	100.0
<u>Buttermilk</u>							
Creamed	0.0	1.3	0.0	5.4	0.0	0.0	100.0
Plain	0.0	1.1	0.0	0.7	2.1	0.0	100.0
<u>Skim Milk</u>							
Fortified	0.0	26.4	0.0	4.3	1.3	0.0	100.0
Plain	0.0	6.7	0.0	0.5	0.6	0.0	100.0
All Products	0.2	15.3	0.0	1.2	1.8	0.7	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 22. Dealer to Dealer Sales of Packaged Milk, by Container Size by Type of Container, Pennsylvania, October 1981.

Container Size	Plastic				Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable	Not Reusable			
(- - - - - thousands of quarts - - - - -)							
Gallon	0.0	39.6	5,560.7	142.1	0.0	5,742.4	
Half-Gallon	12.9	0.0	127.0	3,398.3	0.0	3,538.2	
Gallon Tw/pk	0.0	0.0	0.0	153.2	0.0	153.2	
Hf-gal. Tw/pk	0.0	0.0	0.0	178.9	0.0	178.9	
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	
Quart	13.6	0.0	0.0	936.3	0.0	949.9	
Pint	0.0	0.0	0.0	259.1	0.0	259.1	
Third-Quart	0.0	0.0	0.0	33.4	0.0	33.4	
Half-Pint	0.0	0.0	0.0	2,051.8	0.0	2,051.8	
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	
Bag in Box	0.0	0.0	0.0	0.0	164.5	164.5	
Disp. Cont'r.	0.0	0.0	0.0	0.0	242.1	242.1	
Bulk Cont'r.	0.0	0.0	0.0	0.0	93.0	93.0	
All Sizes ^a	26.5	39.6	5,687.6	7,153.2	499.6	13,406.5	

Percentage Distribution of Table 22 data:

Container Size	Plastic				Paper	Miscel- laneous ^b	Total
	Glass	Reusable	Not Reusable	Not Reusable			
(- - - - - percent - - - - -)							
Gallon	0.0	0.7	96.8	2.5	0.0	100.0	
Half-Gallon	0.4	0.0	3.6	96.0	0.0	100.0	
Gallon Tw/pk	0.0	0.0	0.0	100.0	0.0	100.0	
Hf-gal. Tw/pk	0.0	0.0	0.0	100.0	0.0	100.0	
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	
Quart	1.4	0.0	0.0	98.6	0.0	100.0	
Pint	0.0	0.0	0.0	100.0	0.0	100.0	
Third-Quart	0.0	0.0	0.0	100.0	0.0	100.0	
Half-Pint	0.0	0.0	0.0	100.0	0.0	100.0	
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	
Bag in Box	0.0	0.0	0.0	0.0	100.0	100.0	
Disp. Cont'r.	0.0	0.0	0.0	0.0	100.0	100.0	
Bulk Cont'r.	0.0	0.0	0.0	0.0	100.0	100.0	
All Sizes	0.2	0.3	42.4	53.4	3.7	100.0	

^a Figures on this line may differ slightly from column totals due to rounding.

^b Includes plastic and metal containers in excess of one gallon.

Table 23. Packaged Milk Sales in Southeastern Pennsylvania, Milk Marketing Area 1, by Container Size by Type of Outlet, All Handlers, October 1981.

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(- - - - -thousands of quarts - - - - -)							
Gallon	251.3	15,879.4	316.3	4.1	0.0	16,199.8	16,451.1
Half-Gallon	610.0	6,010.8	205.6	4.2	0.0	6,220.7	6,830.7
Gallon Tw/pk	3.3	66.2	0.7	0.0	0.0	66.9	70.1
Hf-gal. Tw/pk	*	4.5	0.7	0.0	0.0	5.2	5.2
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	211.1	1,945.7	101.8	1.9	0.0	2,049.5	2,260.5
Pint	21.6	599.1	76.5	19.4	0.8	695.9	717.5
Third-Quart	0.3	19.1	71.8	34.3	103.7	228.9	229.2
Half-Pint	1.2	120.3	594.8	1,215.3	189.6	2,120.0	2,121.2
10 Quart	10.1	0.4	0.0	0.0	0.0	0.4	10.5
Bag in Box	17.8	11.1	208.0	18.3	0.0	237.4	255.2
Disp. Cont'r.	1.3	22.2	509.1	11.6	0.0	542.9	544.2
Bulk Cont'r.	0.0	0.0	29.4	0.0	0.0	29.4	29.4
All Sizes ^a	1,128.0	24,678.9	2,114.8	1,309.1	294.1	28,396.9	29,524.9

Percentage Distribution of Table 23 data:

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest- aurants	Schools	Vending Machines		
(- - - - -percent - - - - -)							
Gallon	1.5	96.5	1.9	**	0.0	98.5	100.0
Half-Gallon	8.9	88.0	3.0	**	0.0	91.1	100.0
Gallon Tw/pk	4.7	94.4	1.0	0.0	0.0	95.3	100.0
Hf-gal. Tw/pk	0.3	86.7	13.0	0.0	0.0	99.7	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	9.3	86.1	4.5	**	0.0	90.7	100.0
Pint	3.0	83.5	10.7	2.7	0.1	97.0	100.0
Third-Quart	0.1	8.3	31.3	15.0	45.2	99.9	100.0
Half-Pint	**	5.7	28.0	57.3	8.9	99.9	100.0
10 Quart	96.4	3.6	0.0	0.0	0.0	3.6	100.0
Bag in Box	7.0	4.4	81.5	7.2	0.0	93.0	100.0
Disp. Cont'r.	0.2	4.1	93.5	2.1	0.0	99.8	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	3.8	83.6	7.2	4.4	1.0	96.2	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 24. Packaged Milk Sales in East Central Pennsylvania, Milk Marketing Area 2-1, by Container Size by Type of Outlet, All Handlers, October 1981.

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
(----- thousands of quarts -----)							
Gallon	40.7	2,469.4	27.7	*	0.0	2,497.1	2,537.8
Half-Gallon	355.8	2,279.4	27.9	*	0.0	2,307.4	2,663.2
Gallon Tw/pk	0.0	282.9	*	0.0	0.0	282.9	282.9
Hf-gal. Tw/pk	*	0.2	0.0	0.0	0.0	0.2	0.2
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	167.3	691.5	16.3	*	0.6	708.5	875.8
Pint	0.8	133.2	19.4	0.0	0.3	152.9	153.7
Third-Quart	*	0.1	16.6	0.0	0.0	16.7	16.8
Half-Pint	0.2	105.4	98.3	596.0	10.7	810.4	810.6
10 Quart	3.9	0.0	0.0	0.0	0.0	0.0	3.9
Bag in Box	0.0	0.0	182.6	32.6	0.0	215.2	215.2
Disp. Cont'r.	0.0	4.2	123.7	1.3	0.0	129.2	129.2
Bulk Cont'r.	0.0	0.0	1.5	0.0	0.0	1.5	1.5
All Sizes ^a	568.8	5,966.3	514.1	630.0	11.6	7,122.0	7,690.8

Percentage Distribution of Table 24 data:

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
(----- percent -----)							
Gallon	1.6	97.3	1.1	**	0.0	98.4	100.0
Half-Gallon	13.4	85.6	1.0	**	0.0	86.6	100.0
Gallon Tw/pk	0.0	100.0	**	0.0	0.0	100.0	100.0
Hf-gal. Tw/pk	10.7	89.3	0.0	0.0	0.0	89.3	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	19.1	79.0	1.9	**	**	80.9	100.0
Pint	0.5	86.7	12.6	0.0	0.2	99.5	100.0
Third-Quart	**	0.9	99.1	0.0	0.0	99.9	100.0
Half-Pint	**	13.0	12.1	73.5	1.3	100.0	100.0
10 Quart	100.0	0.0	0.0	0.0	0.0	0.0	100.0
Bag in Box	0.0	0.0	84.8	15.2	0.0	100.0	100.0
Disp. Cont'r.	0.0	3.2	95.8	1.0	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	7.4	77.6	6.7	8.2	0.2	92.6	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 25. Packaged Milk Sales in East Central Pennsylvania, Milk Marketing Area 2-2, by Container Size by Type of Outlet, All Handlers, October 1981.

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
(----- thousands of quarts -----)							
Gallon	30.5	2,700.6	44.1	0.4	0.0	2,745.1	2,775.6
Half-Gallon	293.0	1,831.5	58.4	*	0.2	1,890.0	2,183.1
Gallon Tw/pk	0.0	32.3	0.0	0.0	0.0	32.3	32.3
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	208.7	460.7	25.9	*	0.0	486.6	695.3
Pint	0.6	95.2	14.4	0.0	0.0	109.6	110.2
Third-Quart	*	13.8	19.2	0.0	12.3	45.3	45.3
Half-Pint	3.0	52.6	134.1	623.2	7.4	817.2	820.2
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	240.2	12.5	0.0	252.7	252.7
Disp. Cont'r.	0.0	0.0	61.4	0.0	0.0	61.4	61.4
Bulk Cont'r.	0.0	0.0	7.0	0.0	0.0	7.0	7.0
All Sizes ^a	535.7	5,186.7	604.6	636.2	19.9	6,447.3	6,983.1

Percentage Distribution of Table 25 data:

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
(----- percent -----)							
Gallon	1.1	97.3	1.6	**	0.0	98.9	100.0
Half-Gallon	13.4	83.9	2.7	**	**	86.6	100.0
Gallon Tw/pk	0.0	100.0	0.0	0.0	0.0	100.0	100.0
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	30.0	66.3	3.7	**	0.0	70.0	100.0
Pint	0.5	86.5	13.0	0.0	0.0	99.5	100.0
Third-Quart	**	30.5	42.4	0.0	27.2	100.0	100.0
Half-Pint	0.4	6.4	16.3	76.0	0.9	99.6	100.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	95.0	5.0	0.0	100.0	100.0
Disp. Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	7.7	74.3	8.7	9.1	0.3	92.3	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 26. Packaged Milk Sales in Northeastern Pennsylvania, Milk Marketing Area 3, by Container Size, by Type of Outlet, All Handlers, October 1981.

Container Size	Wholesale Sales					Total Wholesale	Total Sales
	Retail Sales	Stores	Rest-aurants	Schools	Vending Machines		
(-----thousands of quarts-----)							
Gallon	1.8	1,993.0	27.7	0.0	0.0	2,020.7	2,022.5
Half-Gallon	172.2	1,507.2	37.5	1.1	0.0	1,545.8	1,718.0
Gallon Tw/pk	0.0	462.4	18.4	0.6	0.0	481.4	481.4
Hf-gal. Tw/pk	0.6	0.4	1.7	0.0	0.0	2.1	2.7
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	113.6	551.1	16.6	0.6	0.0	568.3	682.0
Pint	*	34.5	1.3	0.0	0.0	35.8	35.8
Third-Quart	0.0	0.0	6.2	0.0	2.9	9.1	9.1
Half-Pint	0.2	52.9	135.5	325.9	24.4	538.8	539.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.3	1.5	117.0	0.8	0.0	119.3	119.6
Disp. Cont'r.	2.4	0.0	51.3	0.0	0.0	51.3	53.7
Bulk Cont'r.	0.0	0.0	1.1	0.0	0.0	1.1	1.1
All Sizes ^a	291.2	4,602.9	414.5	329.0	27.3	5,373.7	5,664.8

Percentage Distribution of Table 26 data:

Container Size	Wholesale Sales					Total Wholesale	Total Sales
	Retail Sales	Stores	Rest-aurants	Schools	Vending Machines		
(-----percent-----)							
Gallon	**	98.5	1.4	0.0	0.0	99.9	100.0
Half-Gallon	10.0	87.7	2.2	**	0.0	90.0	100.0
Gallon Tw/pk	0.0	96.1	3.8	0.1	0.0	100.0	100.0
Hf-gal. Tw/pk	22.2	14.8	62.9	0.0	0.0	77.8	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	16.7	80.8	2.4	**	0.0	83.3	100.0
Pint	**	96.3	3.7	0.0	0.0	100.0	100.0
Third-Quart	0.0	0.0	68.1	0.0	31.9	100.0	100.0
Half-Pint	**	9.8	25.1	60.5	4.5	100.0	100.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.3	1.2	97.8	0.7	0.0	99.7	100.0
Disp. Cont'r.	4.5	0.0	95.5	0.0	0.0	95.5	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	5.1	81.3	7.3	5.8	0.5	94.9	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 27. Packaged Milk Sales in South Central Pennsylvania, Milk Marketing Area 4, by Container Size, by Type of Outlet, All Handlers, October 1981.

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
	(- - - - - thousands of quarts - - - - -)						
Gallon	230.0	4,526.1	122.3	5.4	0.0	4,653.8	4,883.9
Half-Gallon	411.7	3,048.8	102.9	2.4	0.0	3,154.1	3,565.9
Gallon Tw/pk	*	446.4	7.2	0.0	0.0	453.6	453.6
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	191.3	683.0	28.8	0.1	*	712.0	903.3
Pint	1.0	342.4	46.9	0.5	3.0	392.9	393.9
Third-Quart	0.0	2.2	0.6	2.6	0.0	5.4	5.4
Half-Pint	0.7	198.5	224.4	1,066.4	44.5	1,533.8	1,534.5
10 Quart	0.0	1.8	0.0	0.0	0.0	1.8	1.8
Bag in Box	0.0	2.1	162.2	13.2	0.0	177.5	177.5
Disp. Cont'r.	0.0	0.0	305.8	*	0.0	305.8	305.8
Bulk Cont'r.	0.0	0.0	1.3	0.0	0.0	1.3	1.3
All Sizes ^a	834.8	9,251.3	1,002.3	1,090.7	47.6	11,391.9	12,226.7

Percentage Distribution of Table 27 data:

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
	(- - - - - percent - - - - -)						
Gallon	4.7	92.7	2.5	0.1	0.0	95.3	100.0
Half-Gallon	11.5	85.5	2.9	**	0.0	88.5	100.0
Gallon Tw/pk	**	98.4	1.6	0.0	0.0	100.0	100.0
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	21.2	75.6	3.2	**	**	78.8	100.0
Pint	0.3	86.9	11.9	0.1	0.8	99.7	100.0
Third-Quart	0.0	41.0	10.3	48.7	0.0	100.0	100.0
Half-Pint	**	12.9	14.9	69.5	2.9	100.0	100.0
10 Quart	0.0	100.0	0.0	0.0	0.0	100.0	100.0
Bag in Box	0.0	1.2	91.4	7.5	0.0	100.0	100.0
Disp. Cont'r.	0.0	0.0	100.0	**	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	6.8	75.7	8.2	8.9	0.4	93.2	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 28. Packaged Milk Sales in Western Pennsylvania, Milk Marketing Area 5-1, by Container Size by Type of Outlet, All Handlers, October 1981.

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest-aurants	Schools	Vending Machines		
(- - - - -thousands of quarts - - - - -)							
Gallon	503.5	14,666.6	121.2	2.7	0.0	14,790.5	15,294.1
Half-Gallon	793.5	7,109.8	102.2	4.2	0.0	7,216.2	8,009.7
Gallon Tw/pk	0.0	173.0	0.0	0.0	0.0	173.0	173.0
Hf-gal. Tw/pk	0.0	110.5	0.0	0.0	0.0	110.5	110.5
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	146.4	1,479.1	38.4	0.8	0.0	1,518.3	1,664.7
Pint	0.2	371.2	24.0	0.0	12.1	407.3	407.5
Third-Quart	0.0	15.4	41.0	15.6	9.0	80.9	80.9
Half-Pint	0.5	59.7	613.0	1,796.1	160.2	2,629.0	2,629.5
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	83.5	0.6	0.0	84.0	84.0
Disp. Cont'r.	0.0	*	642.5	0.0	0.0	642.6	642.6
Bulk Cont'r.	0.0	0.0	27.7	0.0	0.0	27.7	27.7
All Sizes ^a	1,444.2	23,985.4	1,693.4	1,819.9	181.3	27,680.1	29,124.2

Percentage Distribution of Table 28 data:

Container Size	Retail Sales	Wholesale Sales				Total Wholesale	Total Sales
		Stores	Rest-aurants	Schools	Vending Machines		
(- - - - -percent - - - - -)							
Gallon	3.3	95.9	0.8	**	0.0	96.7	100.0
Half-Gallon	9.9	88.8	1.3	**	0.0	90.1	100.0
Gallon Tw/pk	0.0	100.0	0.0	0.0	0.0	100.0	100.0
Hf-gal. Tw/pk	0.0	100.0	0.0	0.0	0.0	100.0	100.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	8.8	88.9	2.3	**	0.0	91.2	100.0
Pint	**	91.1	5.9	0.0	3.0	99.9	100.0
Third-Quart	0.0	19.0	50.6	19.2	11.1	100.0	100.0
Half-Pint	**	2.3	23.3	68.3	6.1	100.0	100.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	99.3	0.7	0.0	100.0	100.0
Disp. Cont'r.	0.0	**	100.0	0.0	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
All Sizes	5.0	82.4	5.8	6.2	0.6	95.0	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 29. Packaged Milk Sales in Western Pennsylvania, Milk Marketing Area 5-2, by Container Size by Type of Outlet, All Handlers, October 1981.

Container Size	Wholesale Sales					Total Wholesale	Total Sales
	Retail Sales	Stores	Rest-aurants	Schools	Vending Machines		
(----- thousands of quarts -----)							
Gallon	48.3	1,713.0	32.3	0.0	0.0	1,745.3	1,793.6
Half-Gallon	61.0	980.1	36.7	*	0.0	1,016.9	1,077.8
Gallon Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	20.2	163.4	13.5	0.2	0.0	177.1	197.3
Pint	*	32.1	1.4	0.0	0.0	33.5	33.6
Third-Quart	0.0	4.5	0.6	0.0	0.0	5.1	5.1
Half-Pint	0.2	34.7	50.0	277.1	0.9	362.7	362.9
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	79.8	0.0	0.0	79.8	79.8
Disp. Cont'r.	0.0	0.0	6.1	0.0	0.0	6.1	6.1
Bulk Cont'r.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All Sizes ^a	129.7	2,927.8	220.3	277.3	0.9	3,426.4	3,556.1

Percentage Distribution of Table 29 data:

Container Size	Wholesale Sales					Total Wholesale	Total Sales
	Retail Sales	Stores	Rest-aurants	Schools	Vending Machines		
(----- percent -----)							
Gallon	2.7	95.5	1.8	0.0	0.0	97.3	100.0
Half-Gallon	5.7	90.9	3.4	**	0.0	94.3	100.0
Gallon Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	10.2	82.8	6.8	**	0.0	89.8	100.0
Pint	0.2	95.6	4.1	0.0	0.0	99.8	100.0
Third-Quart	0.0	89.1	10.9	0.0	0.0	100.0	100.0
Half-Pint	**	9.6	13.8	76.4	0.3	100.0	100.0
10 Quart	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bag in Box	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Disp. Cont'r.	0.0	0.0	100.0	0.0	0.0	100.0	100.0
Bulk Cont'r.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All Sizes	3.6	82.3	6.2	7.8	**	96.4	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 30. Packaged Milk Sales in West Central Pennsylvania, Milk Marketing Area 6, by Container Size by Type of Outlet, All Handlers, October 1981.

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
(----- thousands of quarts -----)							
Gallon	11.5	2,294.6	12.9	0.2	0.0	2,307.7	2,319.2
Half-Gallon	735.5	4,288.9	165.3	3.2	0.0	4,457.4	5,192.8
Gallon Tw/pk	2.2	112.4	0.2	0.0	0.0	112.6	114.9
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	141.5	583.7	26.7	0.2	0.2	610.9	752.3
Pint	1.1	157.1	6.8	0.0	0.2	164.1	165.2
Third-Quart	0.4	27.4	8.5	20.3	5.8	62.0	62.4
Half-Pint	0.4	64.6	226.5	844.6	37.7	1,173.5	1,173.9
10 Quart	0.0	0.8	1.8	0.0	0.0	2.7	2.7
Bag in Box	*	0.0	137.8	39.1	0.0	176.9	176.9
Disp. Cont'r.	12.2	1.6	277.4	24.8	0.0	303.8	315.9
Bulk Cont'r.	0.0	0.0	7.9	0.6	0.0	8.5	8.5
All Sizes ^a	904.7	7,531.3	871.8	933.1	44.0	9,380.1	10,284.8

Percentage Distribution of Table 30 data:

Container Size	Wholesale Sales						Total Sales
	Retail Sales	Stores	Rest- aurants	Schools	Vending Machines	Total Wholesale	
(----- percent -----)							
Gallon	0.5	98.9	0.6	**	0.0	99.5	100.0
Half-Gallon	14.2	82.6	3.2	**	0.0	85.8	100.0
Gallon Tw/pk	1.9	97.9	0.2	0.0	0.0	98.1	100.0
Hf-gal. Tw/pk	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Three Quarts	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Quart	18.8	77.6	3.6	**	**	81.2	100.0
Pint	0.7	95.1	4.1	0.0	0.1	99.3	100.0
Third-Quart	0.6	44.0	13.5	32.5	9.3	99.4	100.0
Half-Pint	**	5.5	19.3	72.0	3.2	100.0	100.0
10 Quart	0.0	31.8	68.2	0.0	0.0	100.0	100.0
Bag in Box	**	0.0	77.9	22.1	0.0	100.0	100.0
Disp. Cont'r.	3.8	0.5	87.8	7.8	0.0	96.2	100.0
Bulk Cont'r.	0.0	0.0	92.7	7.3	0.0	100.0	100.0
All Sizes	8.8	73.2	8.5	9.1	0.4	91.2	100.0

^a Figures on this line may differ slightly from column totals due to rounding.

* Less than 50 quarts but greater than zero.

** Less than 0.05 percent but greater than zero.

Table 31. Packaged Milk Sales by Market Area by Location of Handler, Pennsylvania, October 1981.

Market in Which Milk Was Sold	Market From Which Milk Was Received									Total Sales in Market ^a	
	In State Market Area										Out of State
	1	2-1	2-2	3	4	5-1	5-2	6			
(-----thousands of quarts-----)											
1	22,482	74	89	0	966	0	0	0	5,915	29,525	
2-1	837	4,565	1,750	56	334	0	0	0	149	7,691	
2-2	0	170	5,723	428	401	0	0	184	78	6,983	
3	0	0	2,264	2,824	341	0	0	0	235	5,665	
4	595	69	1,261	0	9,840	0	0	136	325	12,227	
5-1	0	0	0	0	0	25,338	0	733	3,053	29,124	
5-2	0	0	0	0	0	45	2,580	90	841	3,556	
6	0	0	513	0	134	315	0	8,527	796	10,285	
State ^a	23,914	4,877	11,601	3,307	12,016	25,698	2,580	9,669	11,392	105,056	

Percentage Distribution of Table 31 data:

Market in Which Milk Was Sold	Market From Which Milk Was Received									Total Sales in Market ^a	
	In State Market Area										Out of State
	1	2-1	2-2	3	4	5-1	5-2	6			
(-----percent-----)											
1	76.1	0.2	0.3	0.0	3.3	0.0	0.0	0.0	20.0	100.0	
2-1	10.9	59.4	22.8	0.7	4.3	0.0	0.0	0.0	1.9	100.0	
2-2	0.0	2.4	82.0	6.1	5.7	0.0	0.0	2.6	1.1	100.0	
3	0.0	0.0	40.0	49.9	6.0	0.0	0.0	0.0	4.2	100.0	
4	4.9	0.6	10.3	0.0	80.5	0.0	0.0	1.1	2.7	100.0	
5-1	0.0	0.0	0.0	0.0	0.0	87.0	0.0	2.5	10.5	100.0	
5-2	0.0	0.0	0.0	0.0	0.0	1.3	72.6	2.5	23.6	100.0	
6	0.0	0.0	5.0	0.0	1.3	3.1	0.0	82.9	7.7	100.0	
State	22.8	4.6	11.0	3.1	11.4	24.5	2.5	9.2	10.8	100.0	

^aThe figures given here may differ slightly from the respective row or column sums because of rounding.

Table 32. Sales of Packaged Milk Products in Southeastern Pennsylvania, Milk Marketing Area 1, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(- - - - - thousands of quarts - - - - -)							
Glass	39	206	0	59	0	0	0	0
Plastic-reusable	174	0	0	0	0	0	0	0
Plastic-not reus.	11,503	154	0	0	0	0	0	9
Paper	7	4,426	38	1,480	405	88	988	0
Miscellaneous ^b	0	0	0	0	0	0	0	656
Vending Machines	0	0	0	0	*	65	105	0
Total ^c	11,723	4,787	38	1,539	406	153	1,093	664
Whole Milk, > 4.0 BF ^a								
Glass	0	5	0	2	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	18	1	0	0	0	0	0	0
Paper	0	46	28	17	4	0	5	0
Miscellaneous ^b	0	0	0	0	0	0	0	13
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	18	53	28	19	4	0	5	13
Flav. Milk, ≥ 3.25 BF								
Glass	1	2	0	6	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	8	0	0	0	0	0	0	0
Paper	0	0	0	73	127	8	247	0
Miscellaneous ^b	0	0	0	0	0	0	0	17
Vending Machines	0	0	0	0	0	14	30	0
Total ^c	9	2	0	79	127	22	276	17
Flav. Milk, < 3.25 BF								
Glass	0	*	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	97	5	0	0	0	0	0	0
Paper	0	3	0	26	177	27	445	0
Miscellaneous ^b	0	0	0	0	0	0	0	21
Vending Machines	0	0	0	0	*	24	48	0
Total ^c	97	9	0	26	177	51	493	21
Lowfat, < 2.0 BF								
Glass	9	108	0	1	0	0	0	0
Plastic-reusable	24	0	0	0	0	0	0	0
Plastic-not reus.	1,586	67	0	0	0	0	0	0
Paper	0	456	1	158	3	0	30	0
Miscellaneous ^b	0	0	0	0	0	0	0	19
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	1,619	631	1	159	3	0	30	19

^aCreamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales

^bIncludes plastic and metal containers in excess of one gallon.

^cFigures on this line may differ from column totals due to rounding.

Table 32. Continued.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	29	22	0	0	0	0	0	0
Plastic-reusable	377	0	0	0	0	0	0	0
Plastic-not reus.	2,009	0	0	0	0	0	0	2
Paper	0	525	6	43	0	0	47	0
Miscellaneous ^b	0	0	0	0	0	0	0	20
Vending Machines	0	0	0	0	0	0	3	0
Total ^c	2,416	547	6	43	0	0	50	22
Creamed Buttermilk								
Glass	0	*	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	3	0	0	0	0	0	0
Paper	0	0	0	44	0	0	1	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	4	0	44	0	0	1	1
Plain Buttermilk								
Glass	0	2	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	2	0	67	0	0	3	0
Miscellaneous ^b	0	0	0	0	0	0	0	8
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	4	0	67	0	0	3	8
Fortified Skim Milk								
Glass	0	25	0	9	0	0	0	0
Plastic-reusable	77	0	0	0	0	0	0	0
Plastic-not reus.	122	3	0	0	0	0	0	0
Paper	0	362	0	157	0	3	130	0
Miscellaneous ^b	0	0	0	0	0	0	0	54
Vending Machines	0	0	0	0	0	0	4	0
Total ^c	199	390	0	167	0	3	133	54
Plain Skim Milk								
Glass	8	36	0	14	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	361	7	0	0	0	0	0	0
Paper	0	361	3	102	0	0	37	0
Miscellaneous ^b	0	0	0	0	0	0	0	20
Vending Machines	0	0	0	0	0	0	1	0
Total ^c	370	405	3	116	0	0	37	20

^dTwin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^eIncludes three quart, 10 quart, bag in box, dispenser containers, and bulk containers to avoid disclosing confidential information and to save space.

* Less than 500 quarts but greater than zero.

Table 33. Sales of Packaged Milk Products in East Central Pennsylvania, Milk Marketing Area 2-1, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(- - - - - thousands of quarts - - - - -)							
Glass	3	53	0	18	0	0	0	0
Plastic-reusable	105	92	0	0	0	0	0	0
Plastic-not reus.	1,985	60	0	0	0	0	0	4
Paper	5	1,736	221	602	62	16	355	0
Miscellaneous ^b	0	0	0	0	0	0	0	296
Vending Machines	0	0	0	1	*	0	6	0
Total ^c	2,098	1,941	221	620	62	16	360	300
Whole Milk, > 4.0 BF ^a								
Glass	0	0	0	1	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	17	4	0	0	0	0	0	0
Paper	0	6	0	2	*	0	82	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	17	10	0	3	*	0	82	1
Flav. Milk, ≥ 3.25 BF								
Glass	0	1	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	2	2	0	0	0	0	0	0
Paper	0	0	0	49	84	*	308	0
Miscellaneous ^b	0	0	0	0	0	0	0	15
Vending Machines	0	0	0	0	*	0	5	0
Total ^c	2	3	0	49	84	*	313	15
Flav. Milk, < 3.25 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	2	0	0	0	0	0	0	0
Plastic-not reus.	4	*	0	0	0	0	0	0
Paper	0	0	0	3	8	0	2	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	5	*	0	3	8	0	2	1
Lowfat, < 2.0 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	24	0	0	0	0	0	0	0
Plastic-not reus.	144	0	0	0	0	0	0	0
Paper	2	203	34	60	0	0	11	0
Miscellaneous ^b	0	0	0	0	0	0	0	15
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	170	203	34	60	0	0	11	15

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 33. Continued.

Product and Container Type	Gal.	Half Gal.	Twin ^d Pack	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	2	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	172	0	0	0	0	0	0	*
Paper	9	263	17	12	0	0	11	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	181	265	17	12	0	0	11	*
Creamed Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	2	0	13	0	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	2	0	13	0	0	*	0
Plain Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	0	0	8	0	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	0	0	8	0	0	*	0
Fortified Skim Milk								
Glass	0	2	0	2	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	114	0	49	0	0	14	0
Miscellaneous ^b	0	0	0	0	0	0	0	7
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	117	0	51	0	0	14	7
Plain Skim Milk								
Glass	0	2	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	64	4	0	0	0	0	0	0
Paper	0	117	12	57	0	0	17	0
Miscellaneous ^b	0	0	0	0	0	0	0	11
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	64	123	12	57	0	0	17	11

^d Twin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^e Includes three quart, 10 quart, bag in box, dispenser containers and bulk containers to avoid disclosing confidential information and to save space.

* Less than 500 quarts but greater than zero.

Table 34. Sales of Packaged Milk Products in East Central Pennsylvania, Milk Marketing Area 2-2, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(- - - - - thousands of quarts - - - - -)							
Glass	0	109	0	61	0	0	1	0
Plastic-reusable	71	0	0	0	0	0	0	0
Plastic-not reus.	2,335	143	0	0	0	0	0	0
Paper	49	1,403	26	408	29	21	394	0
Miscellaneous ^b	0	0	0	0	0	0	0	239
Vending Machines	0	*	0	0	0	*	3	0
Total ^c	2,455	1,656	26	470	29	21	398	239
Whole Milk, > 4.0 BF ^a								
Glass	0	*	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	*	0	0	0	0	0	0	0
Paper	0	11	0	9	*	0	4	0
Miscellaneous ^b	0	0	0	0	0	0	0	3
Vending Machines	0	0	0	0	0	6	0	0
Total ^c	*	11	0	9	*	6	4	3
Flav. Milk, ≥ 3.25 BF								
Glass	0	1	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	1	0	0	0	0	0	0
Paper	0	1	0	43	73	12	289	0
Miscellaneous ^b	0	0	0	0	0	0	0	15
Vending Machines	0	0	0	0	0	6	4	0
Total ^c	0	3	0	43	73	18	293	15
Flav. Milk, < 3.25 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	3	0	0	0	0	0	0	0
Paper	1	1	0	4	8	0	45	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	4	1	0	4	8	0	45	0
Lowfat, < 2.0 BF								
Glass	0	3	0	0	0	0	0	0
Plastic-reusable	6	0	0	0	0	0	0	0
Plastic-not reus.	80	1	0	0	0	0	0	0
Paper	2	105	2	23	0	0	3	0
Miscellaneous ^b	0	0	0	0	0	0	0	18
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	88	109	2	23	0	0	3	18

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 34. Continued.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	9	0	4	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	179	9	0	0	0	0	0	0
Paper	2	202	3	10	0	0	28	0
Miscellaneous ^b	0	0	0	0	0	0	0	8
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	180	220	3	15	0	0	28	8
Creamed Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	*	0	0	0	0	0	0
Paper	0	0	0	13	0	0	1	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	*	0	13	0	0	1	0
Plain Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	1	0	17	0	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	4
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	1	0	17	0	0	*	4
Fortified Skim Milk								
Glass	0	4	0	9	0	0	0	0
Plastic-reusable	*	0	0	0	0	0	0	0
Plastic-not reus.	4	*	0	0	0	0	0	0
Paper	0	115	0	63	0	0	42	0
Miscellaneous ^b	0	0	0	0	0	0	0	33
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	4	119	0	72	0	0	42	33
Plain Skim Milk								
Glass	0	12	0	1	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	45	8	0	0	0	0	0	0
Paper	0	41	2	29	0	0	5	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	45	62	2	30	0	0	5	1

^d Twin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^e Includes three quart, 10 quart, bag in box, dispenser containers and bulk containers to avoid disclosing confidential information and to save space.

* Less than 500 quarts but greater than zero.

Table 35. Sales of Packaged Milk Products in Northeastern Pennsylvania Milk Marketing Area 3, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(- - - - - thousands of quarts - - - - -)							
Glass	0	80	0	48	0	0	0	0
Plastic-reusable	1	0	0	0	0	0	0	0
Plastic-not reus.	1,685	195	0	0	0	0	0	0
Paper	4	975	475	328	8	6	201	0
Miscellaneous ^b	0	0	0	0	0	0	0	155
Vending Machines	0	0	0	0	0	2	11	0
Total ^c	1,690	1,250	475	376	8	8	213	155
Whole Milk, > 4.0 BF ^a								
Glass	0	*	0	0	0	0	0	0
Plastic-reusable	119	0	0	0	0	0	0	0
Plastic-not reus.	33	5	0	0	0	0	0	0
Paper	*	19	1	5	1	0	4	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	152	25	1	5	1	0	4	0
Flav. Milk, ≥ 3.25 BF								
Glass	0	1	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	0	0	43	26	0	201	0
Miscellaneous ^b	0	0	0	0	0	0	0	8
Vending Machines	0	0	0	0	0	1	13	0
Total ^c	0	1	0	43	26	1	213	8
Flav. Milk, < 3.25 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	5	*	0	0	0	0	0	0
Paper	0	0	0	1	*	0	85	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	5	*	0	1	*	0	85	0
Lowfat, < 2.0 BF								
Glass	0	4	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	29	*	0	0	0	0	0	0
Paper	*	86	1	17	0	0	0	0
Miscellaneous ^b	0	0	0	0	0	0	0	*
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	29	89	1	17	0	0	0	*

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 35. Continued

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	93	5	0	0	0	0	0	0
Paper	*	136	7	17	0	0	6	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	93	141	7	17	0	0	6	1
Creamed Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	1	0	9	0	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	1	0	9	0	0	*	0
Plain Buttermilk								
Glass	0	*	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	1	0	19	0	0	0	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	1	0	19	0	0	0	1
Fortified Skim Milk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	40	0	39	0	0	7	0
Miscellaneous ^b	0	0	0	0	0	0	0	*
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	0	40	0	39	0	0	7	*
Plain Skim Milk								
Glass	0	5	0	*	0	0	0	0
Plastic-reusable	20	1	0	0	0	0	0	0
Plastic-not reus.	34	19	0	0	0	0	0	0
Paper	0	144	0	155	0	0	11	0
Miscellaneous ^b	0	0	0	0	0	0	0	8
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	54	168	0	155	0	0	12	8

^d Twin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^e Includes three quart, 10 quart, bag in box, dispenser containers and bulk containers to avoid disclosing confidential information and to save space

* Less than 500 quarts but greater than zero.

Table 36. Sales of Packaged Milk Products in South Central Pennsylvania, Milk Marketing Area 4, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin ^d Pack	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	25	67	0	5	*	0	0	0
Plastic-reusable	400	0	0	0	0	0	0	0
Plastic-not reus.	3,052	116	0	0	0	0	0	2
Paper	0	2,107	316	559	143	2	568	0
Miscellaneous ^b	0	0	0	0	0	0	0	298
Vending Machines	0	0	0	*	2	0	16	0
Total ^c	3,477	2,289	316	564	145	2	584	299
Whole Milk, > 4.0 BF								
Glass	0	0	0	2	0	0	*	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	14	4	0	0	0	0	0	0
Paper	0	12	0	16	0	0	9	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	14	17	0	18	0	0	9	0
Flav. Milk, ≥ 3.25 BF								
Glass	1	3	0	*	0	0	*	0
Plastic-reusable	0	1	0	0	0	0	0	0
Plastic-not reus.	2	3	0	0	0	0	0	0
Paper	0	1	0	70	146	*	273	0
Miscellaneous ^b	0	0	0	0	0	0	0	13
Vending Machines	0	0	0	0	1	0	18	0
Total ^c	3	9	0	70	148	*	291	13
Flav. Milk, < 3.25 BF								
Glass	0	0	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	1	0	0	0	0	0	0	0
Paper	3	*	0	37	100	3	339	0
Miscellaneous ^b	0	0	0	0	0	0	0	29
Vending Machines	0	0	0	0	0	0	10	0
Total ^c	4	*	0	37	100	3	349	29
Lowfat, < 2.0 BF								
Glass	0	12	0	0	0	0	0	0
Plastic-reusable	44	0	0	0	0	0	0	0
Plastic-not reus.	575	5	0	0	0	0	0	0
Paper	0	293	0	21	0	*	111	0
Miscellaneous ^b	0	0	0	0	0	0	0	4
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	619	310	0	21	0	*	111	4

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 36. Continued

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	6	0	1	0	0	0	0
Plastic-reusable	242	0	0	0	0	0	0	0
Plastic-not reus.	332	36	0	0	0	0	0	0
Paper	0	440	80	4	0	0	123	0
Miscellaneous ^b	0	0	0	0	0	0	0	93
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	574	481	80	5	0	0	123	93
Creamed Buttermilk								
Glass	0	0	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	1	0	10	1	0	0	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	1	0	11	1	0	0	0
Plain Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	*	0	35	1	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	*	0	35	1	0	*	1
Fortified Skim Milk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	75	0	0	0	0	0	0	0
Plastic-not reus.	8	*	0	0	0	0	0	0
Paper	0	385	58	118	0	0	54	0
Miscellaneous ^b	0	0	0	0	0	0	0	33
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	83	385	58	118	0	0	54	33
Plain Skim Milk								
Glass	2	7	0	2	0	0	*	0
Plastic-reusable	*	0	0	0	0	0	0	0
Plastic-not reus.	107	1	0	0	0	0	0	0
Paper	0	65	0	23	0	0	12	0
Miscellaneous ^b	0	0	0	0	0	0	0	14
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	109	72	0	24	0	0	12	14

^dTwin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^eIncludes three quart, 10 quart, bag in box, dispenser containers, and bulk containers to avoid disclosing confidential information and to save space.

* Less than 500 quarts but greater than zero.

Table 37. Sales of Packaged Milk Products in Western Pennsylvania, Milk Marketing Area 5-1, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(- - - - - thousands of quarts - - - - -)							
Glass	0	100	0	11	0	0	7	0
Plastic-reusable	1,437	4	0	0	0	0	0	0
Plastic-not reus.	8,046	95	0	0	0	0	0	0
Paper	248	4,577	241	942	158	49	997	0
Miscellaneous ^b	0	0	0	0	0	0	0	486
Vending Machines	0	0	0	0	6	6	79	0
Total ^c	9,731	4,775	241	953	164	56	1,083	486
Whole Milk, > 4.0 BF ^a								
Glass	0	13	0	10	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	1	1	0	0	0	0	0	0
Paper	0	2	0	14	6	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	*
Vending Machines	0	0	0	0	0	0	17	0
Total ^c	1	15	0	24	6	0	18	*
Flav. Milk, ≥ 3.25 BF								
Glass	0	5	0	2	0	0	5	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	2	34	0	0	0	0	0	0
Paper	16	21	0	211	205	13	662	0
Miscellaneous ^b	0	0	0	0	0	0	0	70
Vending Machines	0	0	0	0	6	2	53	0
Total ^c	18	60	0	214	211	15	721	70
Flav. Milk, < 3.25 BF								
Glass	0	0	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	23	0	0	0	0	0	0	0
Paper	0	29	0	22	23	2	488	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	6	0
Total ^c	23	29	0	22	23	2	494	0
Lowfat, < 2.0 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	145	0	0	0	0	0	0	0
Paper	1	196	0	13	0	0	11	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	146	196	0	13	0	0	11	0

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 37. Continued

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	8	0	2	0	0	0	0
Plastic-reusable	1,112	0	0	0	0	0	0	0
Plastic-not reus.	4,154	48	0	0	0	0	0	0
Paper	74	1,983	39	129	0	9	214	0
Miscellaneous ^b	0	0	0	0	0	0	0	79
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	5,340	2,038	39	131	0	9	214	79
Creamed Buttermilk								
Glass	0	5	0	1	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	1	0	0	0	0	0	0
Paper	0	138	0	92	4	0	11	0
Miscellaneous ^b	0	0	0	0	0	0	0	36
Vending Machines	0	0	0	0	0	0	1	0
Total ^c	0	144	0	92	4	0	12	36
Plain Buttermilk								
Glass	0	1	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	59	0	0	0	0	0	0
Paper	7	61	0	42	0	0	2	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	1	0
Total ^c	7	122	0	42	0	0	4	0
Fortified Skim Milk								
Glass	0	2	0	1	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	22	0	0	0	0	0	0	0
Paper	0	343	1	100	0	0	23	0
Miscellaneous ^b	0	0	0	0	0	0	0	49
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	22	346	1	102	0	0	23	49
Plain Skim Milk								
Glass	0	7	0	2	0	0	2	0
Plastic-reusable	3	0	0	0	0	0	0	0
Plastic-not reus.	2	51	0	0	0	0	0	0
Paper	0	227	2	70	0	0	47	0
Miscellaneous ^b	0	0	0	0	0	0	0	35
Vending Machines	0	0	0	0	0	0	2	0
Total ^c	5	284	2	72	0	0	51	35

^dTwin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^eIncludes three quart, 10 quart, bag in box, dispenser containers, and bulk containers to avoid disclosing confidential information and to save space.

*Less than 500 quarts but greater than zero.

Table 38. Sales of Packaged Milk Products in Western Pennsylvania, Milk Marketing Area 5-2, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(- - - - - thousands of quarts - - - - -)							
Glass	0	14	0	2	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	689	5	0	0	0	0	0	0
Paper	500	586	0	115	10	3	142	0
Miscellaneous ^b	0	0	0	0	0	0	0	65
Vending Machines	0	0	0	0	0	0	1	0
Total ^c	1,189	606	0	117	10	3	143	65
Whole Milk, > 4.0 BF ^a								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	0	0	1	1	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	0	0	1	1	0	*	0
Flav. Milk, ≥ 3.25 BF								
Glass	0	6	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	1	*	0	0	0	0	0	0
Paper	0	0	0	39	22	0	103	0
Miscellaneous ^b	0	0	0	0	0	0	0	7
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	1	7	0	39	22	0	104	7
Flav. Milk, < 3.25 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	3	0	0	0	0	0	0	0
Paper	0	5	0	3	*	2	16	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	3	5	0	3	*	2	16	0
Lowfat, < 2.0 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	38	0	0	0	0	0	0	0
Paper	18	38	0	1	0	0	9	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	56	38	0	1	0	0	9	1

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 38. Continued.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	11	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	231	1	0	0	0	0	0	0
Paper	311	321	0	1	0	0	81	0
Miscellaneous ^b	0	0	0	0	0	0	0	7
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	542	333	0	1	0	0	81	7
Creamed Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	3	0	2	0	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	0	3	0	2	0	0	*	0
Plain Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	3	10	0	15	0	0	1	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	3	10	0	15	0	0	1	0
Fortified Skim Milk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	*	0	0	0	0	0	0	0
Paper	0	7	0	2	0	0	0	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	*	7	0	2	0	0	0	0
Plain Skim Milk								
Glass	0	0	0	*	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	0	0	0	0	0	0	0
Paper	0	71	0	17	0	0	9	0
Miscellaneous ^b	0	0	0	0	0	0	0	6
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	71	0	17	0	0	9	6

^d Twin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^e Includes three quart, 10 quart, bag in box, dispenser container and bulk containers to avoid disclosing confidential information and to save space.

* Less than 500 quarts but greater than zero.

Table 39 Sales of Packaged Milk Products in West Central Pennsylvania, Milk Marketing Area 6, by Product and Type of Container, by Size of Container, All Handlers, October 1981.

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Whole Milk, ≤ 4.0 BF ^a	(---thousands of quarts---							
Glass	2	121	0	20	0	0	1	0
Plastic-reusable	16	1	0	0	0	0	0	0
Plastic-not reus.	1,688	5	0	0	0	0	0	3
Paper	123	3,436	98	456	44	27	598	0
Miscellaneous ^b	0	0	0	0	0	0	0	335
Vending Machines	0	0	0	*	*	3	18	0
Total ^c	1,829	3,563	98	476	44	30	617	338
Whole Milk, > 4.0 BF ^a								
Glass	0	6	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	3	0	0	0	0	0	0	0
Paper	0	4	0	1	*	0	1	0
Miscellaneous ^b	0	0	0	0	0	0	0	0
Vending Machines	0	0	0	0	0	0	1	0
Total ^c	3	10	0	1	*	0	1	0
Flav. Milk, ≥ 3.25 BF								
Glass	0	5	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	*	0	0	0	0	0	0
Paper	0	0	*	110	118	29	260	0
Miscellaneous ^b	0	0	0	0	0	0	0	68
Vending Machines	0	0	0	0	*	3	15	0
Total ^c	0	5	*	110	118	32	275	68
Flav. Milk, < 3.25 BF								
Glass	0	1	0	0	0	0	6	0
Plastic-reusable	0	*	0	0	0	0	0	0
Plastic-not reus.	*	*	0	0	0	0	0	0
Paper	*	*	0	5	3	1	61	0
Miscellaneous ^b	0	0	0	0	0	0	0	*
Vending Machines	0	0	0	0	0	0	3	0
Total ^c	*	1	0	5	3	1	70	*
Lowfat, < 2.0 BF								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	30	0	0	0	0	0	0	0
Paper	0	85	0	4	0	0	7	0
Miscellaneous ^b	0	0	0	0	0	0	0	4
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	30	85	0	4	0	0	7	4

^a Creamline and homogenized are combined since they are priced the same and creamline is such a small percent of total sales.

^b Includes plastic and metal containers in excess of one gallon.

^c Figures on this line may differ from column totals due to rounding.

Table 39. Continued

Product and Container Type	Gal.	Half Gal.	Twin Pack ^d	Quart	Pint	Third Quart	Half Pint	All Else ^e
Lowfat, ≥ 2.0 BF	(- - - - - thousands of quarts - - - - -)							
Glass	0	27	0	0	0	0	0	0
Plastic-reusable	2	1	0	0	0	0	0	0
Plastic-not reus.	379	1	0	0	0	0	0	0
Paper	51	1,130	17	20	0	0	168	0
Miscellaneous ^b	0	0	0	0	0	0	0	22
Vending Machines	0	0	0	0	0	0	1	0
Total ^c	432	1,159	17	20	0	0	169	22
Creamed Buttermilk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	7	0	0	0	0	0	0
Paper	0	9	0	19	*	0	*	0
Miscellaneous ^b	0	0	0	0	0	0	0	*
Vending Machines	0	0	0	0	0	0	0	0
Total ^c	0	16	0	19	*	0	*	*
Plain Buttermilk								
Glass	0	1	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	0	4	0	0	0	0	0	0
Paper	1	26	0	35	0	0	1	0
Miscellaneous ^b	0	0	0	0	0	0	0	1
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	1	30	0	35	0	0	2	1
Fortified Skim Milk								
Glass	0	0	0	0	0	0	0	0
Plastic-reusable	0	0	0	0	0	0	0	0
Plastic-not reus.	14	0	0	0	0	0	0	0
Paper	0	253	0	64	0	0	22	0
Miscellaneous ^b	0	0	0	0	0	0	0	64
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	14	253	0	64	0	0	22	64
Plain Skim Milk								
Glass	0	3	0	0	0	0	0	0
Plastic-reusable	0	*	0	0	0	0	0	0
Plastic-not reus.	10	*	0	0	0	0	0	0
Paper	0	66	0	17	0	0	12	0
Miscellaneous ^b	0	0	0	0	0	0	0	8
Vending Machines	0	0	0	0	0	0	*	0
Total ^c	10	69	0	17	0	0	12	8

^d Twin gallons are combined with twin half-gallons to avoid disclosing confidential information.

^e Includes three quart, 10 quart, bag in box, dispenser containers, and bulk containers to avoid disclosing confidential information and to save space.

* Less than 500 quarts but greater than zero.

Table 40. Sales of Packaged Milk Products in Pennsylvania, All Milk Marketing Areas, by Product and Type of Container, by Size of Container, All Handlers, October 1981. (Page 1 of 6 pages).

Product and Container Type	Gal.	Three Quart	Half Gal.	Twin Pack		Quart	Pint
				Gal.	Half Gal.		
(-----thousands of quarts-----)							
Whole Milk, ≤ 4.0 BF							
Creamline							
Glass	2.3	0.0	0.0	0.0	0.0	12.1	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	21.6	0.0	7.1	0.0	0.0	0.0	0.0
Paper	0.0	0.0	257.2	305.5	0.0	75.5	21.4
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	23.9	0.0	264.3	305.5	0.0	87.6	21.4
Homogenized							
Glass	66.9	0.0	749.4	0.0	0.0	212.8	*
Plastic-reusable	2,204.2	0.0	96.4	0.0	0.0	0.0	0.0
Plastic-not reus.	30,961.7	0.0	766.1	0.0	0.0	0.0	0.0
Paper	935.0	0.0	18,991.0	1,007.3	102.4	4,814.7	837.1
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.2	0.0	0.0	0.9	8.6
Total ^b	34,167.8	0.0	20,603.1	1,007.3	102.4	5,028.5	845.8
Whole Milk, > 4.0 BF							
Creamline							
Glass	0.0	0.0	0.0	0.0	0.0	3.3	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	1.7	0.0	0.0	0.0	0.0
Paper	0.0	0.0	0.0	0.0	0.0	11.7	8.0
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	0.0	0.0	1.7	0.0	0.0	14.9	8.0
Homogenized							
Glass	0.0	0.0	24.7	0.0	0.0	11.7	0.0
Plastic-reusable	119.0	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	86.6	0.0	13.8	0.0	0.0	0.0	0.0
Paper	*	0.0	100.8	28.1	0.6	52.2	4.1
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	205.6	0.0	139.2	28.1	0.6	63.9	4.1

^a Includes plastic and metal containers in excess of one gallon.

^b Figures on this line may differ from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 40. Continued (Page 2 of 6 pages).

Product Container Type	Third Quart	Half Pint	10 Quart	Bag in Box	Dispenser Container	Bulk Container
(- - - - - thousands of quarts - - - - -)						
Whole Milk, \leq 4.0 BF						
Creamline						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.0	5.2	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.3	30.7	1.4
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	0.0	5.2	0.0	0.3	30.7	1.4
Homogenized						
Glass	0.0	8.9	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	16.9	0.0	0.0	0.0
Paper	211.7	4,238.2	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	1,070.0	1,385.2	41.9
Vending Machines	76.6	239.2	0.0	0.0	0.0	0.0
Total ^b	288.4	4,486.3	16.9	1,070.0	1,385.2	41.9
Whole Milk, $>$ 4.0 BF						
Creamline						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.0	0.6	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.0	*	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	0.0	0.6	0.0	0.0	*	0.0
Homogenized						
Glass	0.0	*	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.0	103.9	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.6	12.4	3.4
Vending Machines	6.5	18.0	0.0	0.0	0.0	0.0
Total ^b	6.5	121.9	0.0	0.6	12.4	3.4

^a Includes plastic and metal containers in excess of one gallon.

^b Figures on this line may differ from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 40. Continued (Page 3 of 6 pages).

Product and Container Type	Gal.	Three Quart	Half Gal.	Twin Pack		Quart	Pint
				Gal.	Half Gal.		
(--- thousands of quarts ---)							
Flavored Milk, ≥ 3.25 BF							
Glass	1.5	0.0	25.3	0.0	0.0	9.4	0.0
Plastic-reusable	0.0	0.0	0.8	0.0	0.0	0.0	0.0
Plastic-not reus.	15.8	0.0	39.6	0.0	0.0	0.0	0.0
Paper	15.6	0.0	24.0	*	0.0	638.8	802.1
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	7.3
Total ^b	32.9	0.0	89.7	*	0.0	648.2	809.4
Flavored Milk, < 3.25 BF							
Glass	0.0	0.0	1.5	0.0	0.0	0.4	0.0
Plastic-reusable	1.8	0.0	*	0.0	0.0	0.0	0.0
Plastic-not reus.	135.5	0.0	6.1	0.0	0.0	0.0	0.0
Paper	4.2	0.0	38.3	0.0	0.0	100.9	319.1
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total ^b	141.5	0.0	46.0	0.0	0.0	101.4	319.5
Lowfat, < 2.0 BF							
Glass	8.7	0.0	127.2	0.0	0.0	0.9	0.0
Plastic-reusable	97.5	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	2,627.4	0.0	72.9	0.0	0.0	0.0	0.0
Paper	22.9	0.0	1,461.4	37.5	0.0	296.6	3.3
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	2,756.4	0.0	1,661.5	37.5	0.0	297.5	3.3
Lowfat, ≥ 2.0 BF							
Glass	29.3	0.0	84.7	0.0	0.0	7.9	0.0
Plastic-reusable	1,734.2	0.0	0.9	0.0	0.0	0.0	0.0
Plastic-not reus.	7,547.2	0.0	98.7	0.0	0.0	0.0	0.0
Paper	447.4	0.0	5,001.2	152.7	15.6	237.6	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	9,758.1	0.0	5,185.4	152.7	15.6	245.6	0.0

^a Includes plastic and metal containers in excess of one gallon.

^b Figures on this line may differ from column totals due to rounding.

* Less than 50 quarts but greater than zero.

Table 40. Continued (Page 4 of 6 pages).

Product and Container Type	Third Quart	Half Pint	10 Quart	Bag in Box	Dispenser Container	Bulk Container
(- - - - - thousands of quarts - - - - -)						
Flavored Milk, ≥ 3.25 BF						
Glass	0.0	5.7	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	62.8	2,343.3	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	64.5	148.8	0.3
Vending Machines	26.5	137.8	0.0	0.0	0.0	0.0
Total ^b	89.3	2,486.9	0.0	64.5	148.8	0.3
Flavored Milk, < 3.25 BF						
Glass	0.0	6.1	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	33.7	1,480.1	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	9.8	40.8	0.0
Vending Machines	24.1	67.4	0.0	0.0	0.0	0.0
Total ^b	57.8	1,553.7	0.0	9.8	40.8	0.0
Lowfat, < 2.0 BF						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.3	181.3	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	35.3	26.4	0.0
Vending Machines	0.0	*	0.0	0.0	0.0	0.0
Total ^b	0.3	181.3	0.0	35.3	26.4	0.0
Lowfat, ≥ 2.0 BF						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	1.9	0.0	0.0	0.0
Paper	8.6	678.0	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	76.2	143.3	9.5
Vending Machines	0.0	3.1	0.0	0.0	0.0	0.0
Total ^b	8.6	681.2	1.9	76.2	143.3	9.5

^aIncludes plastic and metal containers in excess of one gallon.

^bFigures on this line may differ from column totals due to rounding.

*Less than 50 quarts but greater than zero.

Table 40. Continued (Page 5 of 6 pages).

Product and Container Type	Gal.	Three Quart	Half Gal.	Twin Pack		Quart	Pint
				Gal.	Half Gal.		
(- - - - - thousands of quarts - - - - -)							
Creamed Buttermilk							
Glass	0.0	0.0	5.6	0.0	0.0	1.1	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	11.1	0.0	0.0	0.0	0.0
Paper	0.0	0.0	155.3	0.0	0.0	202.7	5.0
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	0.0	0.0	172.1	0.0	0.0	203.9	5.0
Plain Buttermilk							
Glass	0.0	0.0	3.4	0.0	0.0	*	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	63.0	0.0	0.0	0.0	0.0
Paper	11.5	0.0	101.7	0.0	0.0	238.1	0.8
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	11.5	0.0	168.1	0.0	0.0	238.1	0.8
Fortified Skim Milk							
Glass	0.0	0.0	34.1	0.0	0.0	21.1	0.0
Plastic-reusable	152.3	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	171.1	0.0	2.7	0.0	0.0	0.0	0.0
Paper	0.0	0.0	1,620.3	59.3	0.0	591.5	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	323.4	0.0	1,657.1	59.3	0.0	612.7	0.0
Plain Skim Milk							
Glass	10.2	0.0	71.0	0.0	0.0	19.3	0.0
Plastic-reusable	23.3	0.0	0.6	0.0	0.0	0.0	0.0
Plastic-not reus.	623.2	0.0	89.9	0.0	0.0	0.0	0.0
Paper	0.0	0.0	1,091.4	17.7	0.0	469.7	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vending Machines	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total ^b	656.7	0.0	1,252.9	17.7	0.0	489.0	0.0

^aIncludes plastic and metal containers in excess of one gallon.

^bFigures on this line may differ from column totals due to rounding.

*Less than 50 quarts but greater than zero.

Table 40. Continued (Page 6 of 6 pages).

Product and Container Type	Third Quart	Half Pint	10 Quart	Bag in Box	Dispenser Container	Bulk Container
(- - - - - thousands of quarts - - - - -)						
Creamed Buttermilk						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.0	12.4	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	0.3	22.1	14.4
Vending Machines	0.0	1.2	0.0	0.0	0.0	0.0
Total ^b	0.0	13.6	0.0	0.3	22.1	14.4
Plain Buttermilk						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.0	7.9	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	5.4	8.8	0.6
Vending Machines	0.0	1.6	0.0	0.0	0.0	0.0
Total ^b	0.0	9.5	0.0	5.4	8.8	0.6
Fortified Skim Milk						
Glass	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	3.2	291.3	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	38.1	197.3	5.0
Vending Machines	0.0	4.0	0.0	0.0	0.0	0.0
Total ^b	3.2	295.3	0.0	38.1	197.3	5.0
Plain Skim Milk						
Glass	0.0	1.9	0.0	0.0	0.0	0.0
Plastic-reusable	0.0	0.0	0.0	0.0	0.0	0.0
Plastic-not reus.	0.0	0.0	0.0	0.0	0.0	0.0
Paper	0.0	151.1	0.0	0.0	0.0	0.0
Miscellaneous ^a	0.0	0.0	0.0	60.3	42.9	0.0
Vending Machines	0.0	3.1	0.0	0.0	0.0	0.0
Total ^b	0.0	156.1	0.0	60.3	42.9	0.0

^aIncludes plastic and metal containers in excess of one gallon.

^bFigures on this line may differ from column totals due to rounding.

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