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# GROCERY RETAILING CONCENTRATION IN METROPOLITAN AREAS, ECONOMIC CENSUS YEARS 1954-72

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ESCS

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This report has not been adopted by the Federal Trade Commission and does not necessarily reflect the views of the Commission or any individual commissioner.

## ABSTRACT

This statistical report examines the structure of grocery retailing in metropolitan areas. Historical trends of market concentration, payroll expenses, selling area, sales per store, geographical diversification and other information are presented for supermarkets, small grocery stores, and all grocery stores.

The unweighted average four-firm grocery store concentration ratio for SMSA's increased from 45.4 percent in 1954 to 52.4 percent in 1972. Twenty-five percent of the SMSA's had ratios of 60 percent or higher in 1972. Sales concentration for supermarket operators averaged 69.5 percent in 1972.

There were 155,235 grocery store firms in 1972. Nearly 98 percent of them were single-store operators. Less than 1 percent were chains that operated 11 or more stores. However, 57 percent of grocery store sales were accounted for by the chains. On the average, 8.5 chains operated in each SMSA.

Grocery stores averaged 4,800 square feet of selling area and \$608,000 in annual sales per store in 1972. Supermarkets averaged 14,000 square feet and \$2.7 million. Annual sales per square foot of selling area averaged \$165 for all grocery stores and \$192 for supermarkets. Payroll per dollar of sales averaged 9.03 cents for all grocery stores and 9.21 cents for supermarkets in 1972.

## PREFACE

This report is the product of a joint effort by the U.S. Department of Agriculture and the Federal Trade Commission to obtain and publish data about grocery retailers in metropolitan areas from special tabulations of the 1972 census of business prepared by the Bureau of the Census, U.S. Department of Commerce. The joint effort was begun in 1975. The project is under the general supervision of John Lee and Robert Frye at the Department of Agriculture and William S. Comanor and P. David Qualls at the Federal Trade Commission. Raphael Goodman, at the Bureau of the Census, coordinated the Census' work in preparing the special tabulations.

The Food Systems Research Group of the North Central Regional Project 117 (Bruce Marion, Executive Director) and the Department of Agricultural Economics of the University of Wisconsin contributed to the preparation of this report.

The following persons made significant contributions to the completion of this report: Donald McKinnie, J. Gerald Feaster, Terry L. Crawford, Jennifer Sharp, and Julia Dorish at the Department of Agriculture, and Frederick E. Geithman and Heloisa Scholl of the Food Systems Research Group at the University of Wisconsin.



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## SUMMARY

This statistical report contains detailed data about concentration and other dimensions of market structure for grocery retailers in the Nation's metropolitan areas. Most of the concentration data cover the census years between 1954 and 1972 while the remaining structural variables generally are available only for 1972.

Food retailers account for about 27 percent of the total marketing bill for food produced and consumed in this country. Measured in terms of sales, food retailing is the Nation's largest industry. Grocery stores are the predominant type of food stores, accounting for about 93 percent of all food store sales. The remaining 7 percent is divided among speciality food stores such as meat markets, retail bakeries, fruit and vegetable stands, and fish markets. Large scale organization is becoming increasingly characteristic of grocery retailing.

For the United States as a whole, the combined shares of all grocery chains operating 11 or more stores increased from 34 percent in 1948 to 57 percent in 1972. The share of the 20 largest grew from 27 percent to 37 percent. Over the same period, independents significantly increased their membership in voluntary and cooperative group wholesale organizations.

For individual Standard Metropolitan Statistical Areas (SMSA's), the weighted average four-firm concentration ratio increased from 45.4 percent in 1954 to 52.4 percent in 1972. There was a dramatic increase in the number of SMSA's having four-firm concentration ratios of 60 percent or higher, from 6 percent of all SMSA's in 1954 to 25 percent of all SMSA's in 1972. The proportion of SMSA's with concentration ratios below 40 percent declined by a comparable magnitude.

The concentration increase during the 1954 to 1958 intercensal period was high due to large increases among smaller SMSA's. Concentration increased relatively little in the 1958 to 1963 and 1963 to 1967 intercensal periods. However, in the most recent period, 1967 to 1972, average concentration increased more rapidly again, attributable this time to faster increases among large SMSA's. During each of the intercensal periods, average marginal concentration of the 5th through 8th and 9th through 20th largest firms in SMSA's increased steadily and at a higher average percentage rate than did the average for the four largest firms. The increases in marginal concentration ratios have not been large in absolute terms.

Among regions, the West showed the greatest increase in four-firm SMSA concentration between 1954 and 1972. However, it had begun the period with the lowest average concentration level of the four Census regions. In the Northeast, the initial level was relatively high and the rate of increase was relatively slow. As a result, average concentration among Census regions was much more equal in 1972 than in 1954.

The correlation between Herfindahl index values and concentration ratios was high (0.9). Disparity index values--measuring the size inequality of market shares of the four largest firms in SMSA's--were not strongly related

to concentration ratio values. For all grocery store sales, the correlation coefficient between the four-firm concentration ratio and the four-firm disparity index was only 0.16.

Supermarkets are an important submarket in grocery retailing. They accounted for 77 percent of sales, 84 percent of employees, and 91 percent of payroll in SMSA's during 1972, but only 17 percent of all grocery stores. Due to efficiencies of large facilities and self-service, prices in supermarkets are typically lower than in older, small grocery stores or newer convenience stores.

Concentration is much higher among supermarkets than among all grocery stores. In an average SMSA in 1972, only 7 percent of all grocery store firms operated supermarkets and the four largest, on an unweighted average basis, accounted for 69.5 percent of SMSA supermarket sales. Supermarket concentration is highest in southern SMSA's (75 percent) in contrast with average four-firm grocery store concentration which is highest among SMSA's in the North Central region.

The four largest grocery store firms in SMSA's primarily operate supermarkets. On average, 85 percent of their grocery stores are supermarkets, and in 214 SMSA's where the four largest grocery store firms were also the four largest supermarket firms, over 97 percent of their sales were through supermarkets. The four largest grocery store firms accounted for over 56 percent of all supermarkets in the average SMSA.

Sales concentration of small grocery store firms is generally low. The four-firm average of 25.6 percent was only about one-third the average level of four-firm supermarket concentration in SMSA's. Small store concentration was inversely related to SMSA size. The level for SMSA's having over 1 million in population was 19 percent, compared to an average of 32 percent for SMSA's with fewer than 150,000 persons. The emergence of convenience store chains has affected small store concentration. Although convenience stores account for only about 5 percent of grocery store sales, they are prominent in many SMSA's. In 1972, convenience store operators appeared to rank among the four leading grocery store firms in 19 of the 263 SMSA's. In these SMSA's, small store four-firm concentration averaged 34 percent. Convenience store firms are much more prevalent among the 5th through 8th largest grocery store firms in SMSA's than among the four leading firms.

Single-store firms operated 78 percent of all grocery stores in the United States in 1972. However, they accounted for only 32 percent of all grocery store sales. Eighty-five percent of all firms in the average SMSA operated only one grocery store anywhere in the United States. Two percent of the firms operated 2 to 10 stores and another 2 percent were chains, i.e., operated 11 or more stores somewhere in the United States. Of these chains, 72 percent operated 51 or more stores and nearly 60 percent had grocery stores in 10 or more other SMSA's.

Most of the leading firms in SMSA's are large chains. On average, 2.7 of the four largest firms operated 51 or more stores somewhere in the United States, and 2.3 operated grocery stores in 11 or more SMSA's. The number of

multimarket chains among the four leading firms was directly related to city size and four-firm grocery store concentration. However, independents rank among the leading firms in many of the SMSA's. In 27 (mostly small) SMSA's, at least one of the four leading firms was an independent that operated only a single store.

Although the supermarket revolution, which resulted in a major replacement of small grocery stores by supermarkets, was coming to a close during the early 1950's, supermarkets have continued to get larger in the expanding suburbs. In the 1960's, as convenience stores emerged as a significant form of grocery retailing, their small size began to impede the upward trend in average grocery store size. In 1954, grocery stores in the Nation's 212 SMSA's reported average annual sales of \$158,000. This increased to \$608,000 for the grocery stores in 263 SMSA's in 1972. Average sales per store was lowest in the South and highest in the West.

The four leading grocery store firms in SMSA's saw their average annual sales increase from \$1 million in 1954 to \$2.6 million in 1972. In real terms (adjusting for the effects of price changes) their sales increased 35 percent between 1954 and 1963 and 34 percent between 1963 and 1972. The 1963-72 increase occurred despite the presence of convenience store operators among the four leading firms in 19 SMSA's in 1972. Among the 5th through 8th and 9th through 20th largest firms in SMSA's, real sales declined 15 percent and 14 percent, respectively, during the 1963-72 period. The growing presence of convenience store operators is a major factor explaining these declines.

Data on selling area in grocery stores are available from the Bureau of the Census only for 1972. The average grocery store in an SMSA had 4,835 square feet of selling area. Grocery stores in western SMSA's were largest (averaging 5,760 square feet) while those in the South were smallest (4,100 square feet). For supermarkets, the all-SMSA average was 14,200 square feet. The average supermarket in the West was larger than in other regions but the difference was less than for all grocery stores. In sharp contrast to the much smaller average selling area of grocery stores in the South, supermarkets in the South were only slightly smaller than for the Nation as a whole, and larger than supermarkets in the North Central region.

Grocery stores have high sales per square foot of selling area compared to other types of retail stores. Grocery stores in the United States averaged \$165 in annual sales per square foot in 1972; in SMSA's the average was \$173. Supermarkets in SMSA's reported an average of \$192 sales per square foot of selling area. The average for the four largest firms was slightly higher although the data are incomplete. Among regions, grocery stores in the Northeast reported the highest sales per square foot (\$182) and the lowest sales per square foot occurred in the South (\$160). Supermarkets reported the same general regional differences, with the South again showing up as significantly lower.

Grocery stores have relatively low payroll expenses per dollar of sales in comparison with other types of retail stores. In 1972, grocery stores in the United States reported that payroll expenses accounted for an average of 8.7 cents per dollar of sales; in SMSA's the average was 9.0 cents. Supermarkets

in SMSA's averaged 9.2 cents compared with 8.5 cents for small grocery stores. The low average value for small stores is influenced by the non-paid work of family members.

Supermarkets had the highest payroll per dollar of sales in the West and North Central regions (10 cents and 9.5 cents, respectively) and the lowest in the South (8.4 cents). Payroll per dollar of sales of supermarkets operated by the four largest firms in SMSA's, on average, was about the same as for all supermarkets. The Nation's largest cities reported above-average payroll expenses.



# Grocery Retailing Concentration In Metropolitan Areas, Economic Census Years 1954-72

*Gerald E. Grinnell, Russell C. Parker, and Lawrence A. Rens*

## INTRODUCTION

This statistical report presents a set of data relating to grocery retailing in the United States. The data include measures of concentration, employment, selling area, and other characteristics of grocery retailing in the Nation's Standard Metropolitan Statistical Areas (SMSA's). <sup>1/</sup> They are potentially useful in business decisionmaking, in antitrust and other areas of public policy determination, and in research.

Purchase of data from the Bureau of the Census and preparation of this statistical report to make the data public were undertaken jointly by the Federal Trade Commission (FTC) and U.S. Department of Agriculture (USDA) to economize in the use of funds. No attempt is made in this report to draw conclusions about the market performance of grocery retailers. The Department of Agriculture and the Federal Trade Commission have no plans to conduct such analyses jointly.

Data presented in this report are the latest available from the census of retail trade. While preference exists for more recent information, the data for 1972 give a reasonably accurate picture of the industry today, since market structures generally do not change rapidly. Historical data included in the report help to put the process of change in perspective.

Grocery retailing is an important link between consumers and other participants in the food system. In 1978, food retailers accounted for about 27 percent of the total marketing bill for food produced and consumed in this country--up 23 percent since 1958 (<sup>17</sup> and <sup>18</sup>). <sup>2/</sup> Food retailers are also highly visible to the public. This visibility and rapidly increasing food prices in several of the last few years have focused public attention on pricing, competition, and other aspects of food retailing. In addition,

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<sup>1/</sup> SMSA's are discussed below.

<sup>2/</sup> Underscored numbers in parentheses cite references listed at the end of this report.

expiration of merger-limiting consent decrees signed by leading food chains during the sixties, followed by recent acquisition announcements by large chains have focused attention on antitrust enforcement activities in FTC.

The area of economics that analyzes competition and other aspects of market performance is called industrial organization. The generally accepted theory of industrial organization postulates that elements of market structure largely determine the competitive conduct or behavior of companies in markets, and that structure and conduct, in turn, largely determine market performance. Performance in grocery retailing is evaluated in terms of the reasonableness of prices and the efficiency with which economic resources are used to provide the retailing services demanded by consumers.

Concentration ratios measure a dimension of the size distribution of firms in markets. Relatively high levels of concentration indicate that the leading firms may possess some degree of market power which might enable them to charge prices and earn profits that are above competitive levels, and operate less efficiently than would be required in the face of stronger competition. <sup>3/</sup> High levels of concentration in a market may also indicate that factors are present which make it difficult for potential competitors to enter. For these reasons, economists and others study levels of concentration and changes in concentration over time to determine whether significant market power is present, to identify the sources of such power, to measure the effects that market power has on market performance, and to formulate policies to eliminate the abuses of market power without giving up the benefits and rights of free enterprise.

Market concentration has been statistically related to measures of market performance (gross margins, net profits, and prices) in reports by the FTC (4, 5, 7, 9, 11), the National Commission on Food Marketing (14 and 16), and the Joint Economic Committee of the Congress of the United States (13). Some 40 studies outside the grocery retailing area have also analyzed relationships between market concentration and measures of market performance (1, 2, 8, 15, 24, 25). Although some controversy remains, these studies, which have been based on widely different kinds of data sets for different time periods, have generally concluded that prices and profits are directly related to market concentration. Some studies which have investigated the functional form of this relationship in food manufacturing, found it to be curvilinear and also found that when four-firm concentration exceeds 40-50 percent, profits and prices begin increasing more rapidly. While a curvilinear form of the relationship and a threshold above which performance changes dramatically have not been established through repetitive studies of food retailing, it should be noted that a majority of SMSA's included in this report have a four-firm concentration ratio above the 40-50 percent range found to be sensitive for many food manufacturing industries. The data showing changes in concentration, which this report makes available for a 2-decade period, are important for describing trends and signaling possible changes in other market structure variables, particularly condition of market entry.

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<sup>3/</sup> Some functions may be more efficiently carried out by large firms. For example, they may be better able to adopt innovations and comply with social programs designed to improve workers' health and safety, the environment, and protect consumers' rights and interests.

## THE DATA

### Source

Most of the data in the report were obtained from a special tabulation prepared by the Bureau of the Census summarizing information collected in the 1972 census of retail trade. The tabulation was designed jointly by the staffs of the Bureau of Economics, FTC, and the Economics, Statistics, and Cooperatives Service, USDA.

Concentration data included in this report for 1954, 1958, and 1963 were obtained from special tabulations of census data prepared by the Bureau of the Census for the National Commission on Food Marketing in 1966. <sup>4/</sup> Concentration ratios for 1967 were obtained from special Census tabulations prepared for the FTC and have not been published previously.

Although census data for grocery retailing are confined to a relatively few economic variables, they are highly regarded because of their accuracy and because they cover all establishments. Data are obtained by the Bureau of the Census in a mandatory reporting program that includes all grocery stores that are open at any time during a census year. Release of data by the Bureau is regulated by confidentiality rules which prohibit disclosure of information about individual establishments or companies.

### Standard Metropolitan Statistical Areas

The usefulness of data measuring market structure dimensions depends on how closely the market definitions employed to collect the data approximate actual economic markets. Standard metropolitan statistical areas are the basic geographic entities used for the data in this report because they are relatively good approximations of relevant market areas in grocery retailing. <sup>5/</sup> Most consumers shop at grocery stores located within a mile or two of their residences. Few consider traveling to other SMSA's to buy groceries. Activities of corporate grocery chains and affiliated wholesalers are closely identified with SMSA's. They develop and implement competitive strategies at the division level--usually a distribution center or buying office that services one or a few SMSA's and surrounding areas. Basic

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<sup>4/</sup> The data were obtained by the Federal Trade Commission in a study done under contract for the National Commission on Food Marketing. The concentration ratios were published by the Federal Trade Commission (<sup>5</sup> and <sup>14</sup>). The number of stores operated by the 4, 8, and 20 largest grocery firms in each SMSA in 1954, 1958, and 1963 have not been published previously.

<sup>5/</sup> SMSA's are defined by the Office of Management and Budget. The National Commission on Food Marketing also defined some SMSA's for 1954, 1958, and 1963. This report contains data for all SMSA's defined by one or both of these organizations for 1954, 1958, 1963, 1967, and 1972. Data are reported for SMSA's as defined by the National Commission on Food Marketing when its definition differed from that of the Office of Management and Budget. See appendix A for an explanation of SMSA's, and see appendix B for definitions of individual SMSA's.



decisions are made about store location, pricing, advertising and promotion, products to be handled, and identification of market trends at these centers or offices. Radio and television stations, and newspapers through which grocery retailers advertise usually cover areas that largely coincide with SMSA's. Retailers often purchase high volume perishable products, such as bread and milk, locally (6 and 10). In some SMSA's, large retailers operate their own bakeries and milk processing plants.

Grocery chains may find it feasible to expand operations within a metropolitan area before entering a new one because of multistore economies associated with warehousing, advertising, site selection, and other functions; established consumer shopping habits; and greater consumer knowledge about the operations of existing companies.

#### ORGANIZATION OF THE REPORT: TABLE DESCRIPTIONS AND DATA CHARACTERISTICS

This report contains 46 statistical tables in three sections or parts. Part I provides a national overview. Part II is devoted to concentration in individual SMSA's. Part III describes other characteristics of grocery stores and firms in SMSA's.

Parts II and III list data for individual SMSA's and provide summaries for groupings of SMSA's. A general summary is presented at the end of each table that lists data for individual SMSA's (tables 12 and 13 and all odd-numbered tables beginning with 21), showing weighted and unweighted averages and standard deviations. Summary tables (tables 13 and 17 and each even-numbered table beginning with 22 (except 38) group SMSA's by census region, 1970 population, and 1972 four-firm concentration. 6/

The population groups are: 1 million or more persons (34 SMSA's), 300,000 to 999,999 persons (76 SMSA's), 150,000 to 299,999 persons (76 SMSA's), and less than 150,000 persons (77 SMSA's). There are four geographic regions: Northeast (56 SMSA's), North Central (69 SMSA's), South (98 SMSA's), and West (40 SMSA's). SMSA's were grouped by 1972 four-firm grocery store concentration ratio into four categories: 60 percent or over (64 SMSA's), 50 to 59.9 percent (82 SMSA's), 40 to 49.9 percent (93 SMSA's), and less than 40 percent (24 SMSA's).

The report has five appendices. Appendix A contains definitions of terms used in the report. Appendix B lists counties or other political subdivisions included in each SMSA for each census year. Food store sales for each political subdivision are shown for 1967 and 1972 and for the earliest census year that a subdivision was included in an SMSA's definition. Appendix C contains 1970 population and 1972 grocery store sales for SMSA's listed by

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6/ In addition to the standard summary, table 26 also contains a summary for SMSA's grouped by 1972 four-firm supermarket concentration ratio and table 28 also contains a summary for SMSA's grouped by 1972 four-firm small grocery store concentration ratio.

region, division, and population level. Appendix D compares the identities of the four largest grocery store firms and four largest supermarket firms in SMSA's. Appendix E lists 38 SMSA's for which concentration ratios may be nonrepresentative or noncomparable over time.

### Part I, National Trends

Part I contains 11 tables that describe the number and size distribution of grocery retailing firms and grocery store establishments for the United States. Table 1 shows the relative importance of the 20 largest retail grocery chains in the United States during the period 1948 to 1975. Tables 2 and 3 provide 1972 information on sales, payroll, employment, and number of stores for grocery store firms grouped by 1972 sales. Tables 4 through 7 show number of firms and stores, sales, and payroll of firms grouped by the number of grocery stores operated for census years 1954-72.

Table 8 reports number of stores, sales, payroll, and employment by size of grocery store in 1972. Table 9 compares the number and sales of grocery stores in SMSA's with U.S. totals for census years 1954-72. Table 10 shows, by sales size of store, the share of the Nation's grocery stores located in SMSA's in 1972. Table 11 shows, by sales size of store, the average share of grocery stores operated by the four leading firms in the SMSA's.

### Part II, Concentration in SMSA's

Eleven tables (tables 12-22) in Part II are devoted to measures of individual SMSA concentration. Historical comparisons are provided for each census year from 1954 through 1972. Table 12 contains 4-, 8-, and 20-firm grocery store concentration ratios for SMSA's for 1954, 1958, 1963, 1967, and 1972. Concentration ratios were calculated for each SMSA, using SMSA definitions current for the year. The table lists SMSA's in alphabetical order for easy reference.

Additional tables were prepared to assist in interpreting changes in the average level of SMSA concentration over time. Table 13 lists SMSA's in decreasing order of 1970 population and provides summary data for eight different population groups. Table 14 shows the number of SMSA's cross-tabulated by 1970 population and 1972 four-firm concentration ratio for all grocery stores. Table 15 shows the number of SMSA's cross-tabulated by 1970 population and 1972 four-firm supermarket concentration ratio. Table 16 lists and shows historical trends in concentration for the 20 SMSA's with the highest four-firm concentration ratios and 20 SMSA's with the lowest four-firm concentration ratios in 1972. Table 17 reports average 4-, 8-, and 20-firm concentration ratios for 1954-72 by census region and division. Tables 18 through 20 show changes in average grocery store concentration ratios between 1954 and 1972 for 1) all SMSA's, 2) SMSA's in continuous existence between paired census years, and 3) SMSA's that had the same definition between paired census years. Data for the four largest firms are in table 18, the eight largest firms in table 19, and the twenty largest firms in table 20.



Tables 21 and 22 contain alternative measures of concentration for SMSA's in addition to the concentration ratio. These alternative measures are: marginal concentration ratio, Herfindahl index, and disparity index. 1972 data for these measures are shown for total grocery sales, supermarket sales, and small store sales. Table 21 also includes supermarkets' shares of total grocery store sales in SMSA's. Correlation coefficients measuring the degree of interrelatedness between the concentration measures are included with an overall summary at the end of the table.

This report marks the first time that Herfindahl and disparity index values have been made available for grocery retailing. The disparity index is an original measure of size inequality of market shares among the four largest firms in SMSA's. Some concentration ratios for individual SMSA's were not released by the Bureau of the Census to avoid disclosure about individual operations. Estimates for the missing concentration ratios and corresponding disparity index values were calculated by the authors in a number of instances. 7/

Several factors potentially affect the quality of the concentration measures contained in this report for SMSA's. First, the concentration ratios and Herfindahl indexes are based on dollar sales and, as such, are a function of prices as well as quantities sold. Differences in price levels among different size firms can affect the value of the concentration ratios among SMSA's and between different points in time for a given SMSA. If the leading firms charge higher prices than do less-than-leading firms in a market (as many economists hypothesize), then the concentration of these firms will be overstated. Similarly, discount pricing, the presence of convenience store chains among the leading firms, 8/ and the relative importance of supermarkets in a market can affect the comparability of concentration measures among cities and over time.

Second, in 1967 and earlier census years, a firm's ranking and market share in an SMSA were determined by using the actual sales of its stores open all or part of the year. In 1972, a firm's ranking was determined using the actual sales of stores in business all year plus the annualized sales of stores in business only part of the year. Although concentration ratios were calculated using actual sales, in a few SMSA's the relative rankings of firms may be different than they would have been if the earlier procedure was used. 1972 concentration ratios would not be fully comparable with those in earlier years in these instances. In the case of 4-, 8-, and 20-firm concentration ratios, the effect of mis-ranking in 1972 would be to understate the actual concentration ratio. The direction of error for marginal concentration ratios (combined shares of the 5th through 8th or 9th through 20th largest firms)

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7/ All estimates are identified in the appropriate tables.

8/ Supermarkets and convenience stores are not usually considered significant competitive rivals even when they are in close proximity, and, therefore, are often classified into separate submarkets. Consumers generally purchase a different mix of products and usually pay higher prices in convenience stores than in supermarkets. Also, the convenience and other variations of service offered by convenience stores differentiate them from supermarkets.

cannot be predicted with certainty. A change in rank is most likely to have occurred if there was a change of ownership or when there was a significant change in the number of stores operated by one or more of the largest firms during the year.

Treatment of part-year operations poses a problem in the construction of any concentration ratios. In particular, if sales of part-year operators are not annualized for the purpose of determining firms' rankings, the degree of market concentration as of the end of the year may be understated when a leading firm enters the market late in the year; similarly, concentration may be overstated when a leading firm leaves the market. Annualization complicates the calculation because of its effect on rankings. However, the difference between concentration ratios calculated using the 1972 ranking procedure and ratios that would have been obtained had the earlier ranking procedure been used, is quite small, probably less than one percentage point in the few SMSA's that are affected (see appendix E for additional information).

Third, the Bureau of the Census maintains a record of all establishments owned by a single firm but does not collect information about contractual obligations that may enable two or more firms to behave as if they were one. Voluntary and cooperative group general line wholesalers often provide a wide assortment of services to their retail affiliates in the grocery trade. <sup>9/</sup> The cohesiveness and coordination achieved within affiliated groups may enable them to emulate corporate chain behavior. However, the Bureau of the Census counts each affiliated retailer separately and does not record activities of the groups because each retailer is separately owned. To the extent that affiliated independent retailers coordinate their behavior, concentration measures calculated by the Bureau of the Census may not fully record the degree of market concentration that exists in SMSA's.

Fourth, changes in SMSA definitions and boundary changes of political subdivisions affect the comparability of concentration ratios for individual SMSA's between census years. These changes and the addition or deletion of entire SMSA's also affect the comparability of average concentration ratios for SMSA groups over time. <sup>10/</sup> The addition of newly defined SMSA's increased

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<sup>9/</sup> A voluntary group wholesaler is a general line grocery wholesaler who franchises or otherwise sponsors one or more groups of independent grocery retailers who generally use a common logo, maintain common store characteristics, and advertise together. They also often handle the same private brands of merchandise. Cooperative group wholesalers perform similar functions as voluntary wholesalers. However, cooperative wholesale firms are owned by their member retailers. Voluntary and cooperative group wholesalers often provide information about prices charged by competitors, suggested retail prices, long-term credit, and other types of management assistance (accounting, merchandising, employee training, etc.) to the retail group members.

<sup>10/</sup> Appendix B, which lists political subdivisions for each SMSA, shows that about 400 political subdivisions were added to existing SMSA's and about 40 were deleted during the 1954-72 period. Also, see appendix E.

the total number from 212 in 1954 to 215 in 1958, 218 in 1963, 229 in 1967, and 263 in 1972.

Other potentially important factors that may affect the evaluation of concentration data in this report are the magnitudes of 1) nonfood sales in grocery stores, and 2) grocery department sales in nonfood stores. The Bureau of the Census classifies all sales of a store in the primary SIC classification of the store and no adjustments have been made for these two factors. Nonfood sales as a proportion of total sales in grocery stores varies among SMSA's and appears to have increased over time. Grocery department sales in nonfood stores vary among SMSA's also 11/ and, in some, may be an important element of the SMSA's structure.

### Part III, Other Characteristics of Grocery Stores and Firms in SMSA's

Part III contains 24 tables that show various structural characteristics of grocery stores and grocery store firms in SMSA's. Most of the data are for 1972 only. Tables 23 through 28 contain numbers of firms and stores, sales, employment, payroll, sales per store, and payroll per dollar of sales for the four leading firms, and all firms in an SMSA. The tables contain four-firm concentration ratios based upon number of stores, sales, and number of employees. Tables 23 and 24 contain data for all grocery stores; tables 25 and 26 are for supermarkets; and tables 27 and 28 report data for small grocery stores. Payroll per dollar of sales, sales per store, and concentration ratios can be affected by differences in types of operation (e.g., discount versus full service or supermarkets versus convenience stores), wage rates, product prices, worker productivity, use of unpaid family labor, sales per square foot of selling area, and prices charged.

Tables 29 and 30 contain information about selling area and sales per square foot of selling area for all grocery stores and supermarkets in 1972. Data are reported separately for all firms and the four leading firms in the SMSA's. Reporting rates are included to assist in assessing the representativeness of the data.

The Bureau of the Census requested that firms report selling area voluntarily in the 1972 census of retail trade. As a result, the reporting rate often is less than 100 percent and it varies among SMSA's and by store and firm size. Selling area per store and sales per square foot of selling area are included in this report for those stores that reported selling area. Differences in reporting rates and a lack of data for some SMSA's because of suppressions by the Bureau of the Census to avoid disclosure of individual operations, may result in biased estimates of average selling area per store and sales per square foot of selling area. Higher rates for large stores tend to bias selling area per store upward and understate sales per square foot of selling area. The amount of the potential bias is expected to be greater for all stores than for supermarkets or for the stores operated by the four

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11/ Based upon compilation of data from a special tabulation prepared by the Bureau of the Census.

leading firms in an SMSA. For this reason, the differential in average sales per square foot of selling area between all grocery stores and the four leading grocery store firms and between all grocery stores and all supermarkets may be overstated.

Assuming the potential biases discussed above are not significant or are not related to the four factors listed here, observed differences in sales per square foot of selling area reflect differences in one or more of the following: 1) operating efficiency, 2) type of grocery store operation (e.g., limited service, discount stores versus full service stores), 3) mix of products handled, and 4) product prices.

Tables 31 and 32 report the distribution of different size grocery stores (measured by annual sales) among the leading grocery store firms (four largest, fifth through eighth largest, and all others) in SMSA's in 1972. The tables address two types of questions. First, do the leading grocery store firms in an SMSA operate a disproportionate share of the largest stores? Second, are the stores operated by the leading firms predominantly large?

Tables 33 and 34 report data on the SMSA and U.S. multi-store and multi-market operations of grocery store firms. Tables 35 and 36 contain the same information about the four leading grocery store firms in the SMSA's. The later tables also reveal the importance of an SMSA to its four largest grocery operators by showing their sales in the SMSA as a percentage of their total sales in the geographic division and in the United States.

Tables 37 and 38 report food store and grocery store sales, respectively, in current and deflated dollars, for each SMSA for the census years 1954-72.

Tables 39 through 46 provide data on the number and sales per store (current and deflated dollars) of grocery stores operated by the four largest (tables 39-40), 5th-8th largest (tables 41-42), 9th-20th largest (tables 43-44), and all grocery store firms (tables 45-46) for the census years 1954, 1958, 1963, and 1972. Data for 1967 are available only for all firms (tables 45-46).

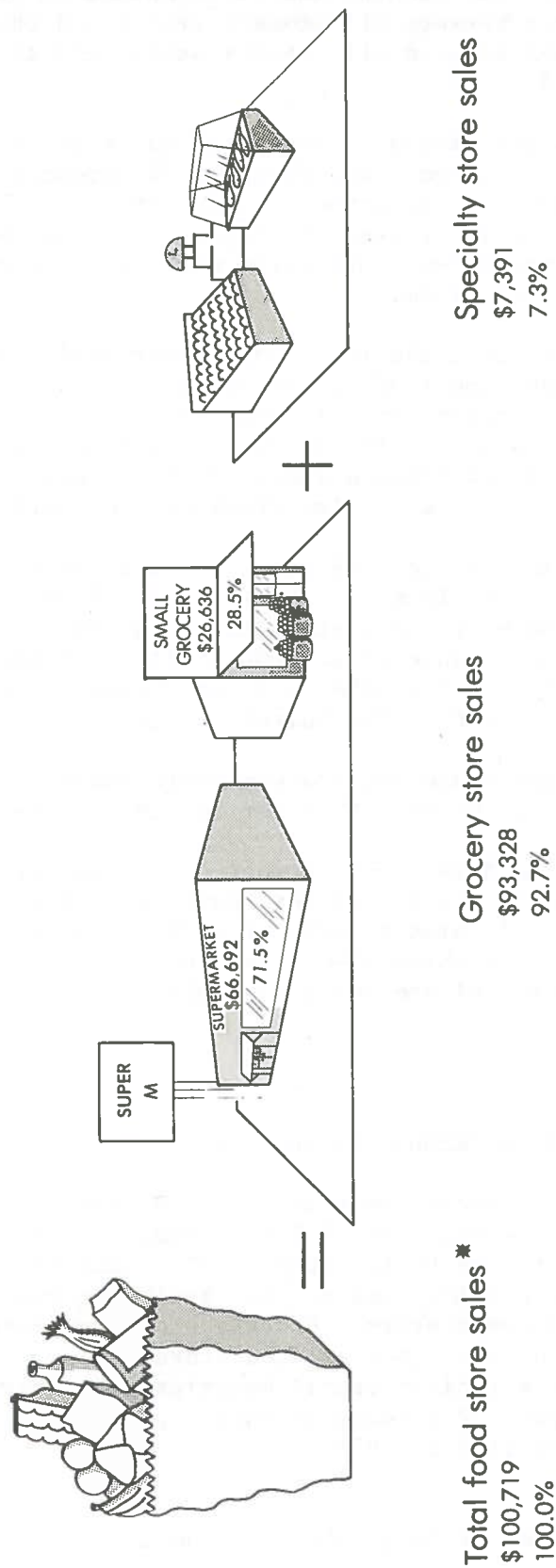
#### NATIONAL TRENDS (tables 1-11)

Measured in terms of sales, grocery retailing is the largest industry in the United States. Grocery store sales in 1972 were \$93.3 billion--20.3 percent of total retail sales in the United States. <sup>12/</sup> Some 155,235 grocery retailers in 1972 employed 1.4 million persons, not including one-quarter to one-half million self-employed proprietors. Grocery stores accounted for about 93 percent of the sales of all types of food stores (fig. 1 (20)). Food stores other than grocery stores include retail bakeries, meat markets, and fruit and vegetable stands. Over 99 percent of these specialized stores had annual sales of less than \$1 million in 1972 (21).

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<sup>12/</sup> Unless another source is specified, data are from tables contained in this report.

Figure 1-Distribution of food store sales by type of store, United States, 1972



\* All sales in millions of dollars

Source: U.S. Bureau of the Census, Census of Retail Trade, 1972 Area Series, United States, 1975 (RC72-A-52), 1975



Grocery retailing has experienced continuing change, including rapid growth of food chains, a supermarket revolution, and a variety of other developments that have affected the structure of the industry since the twenties. Grocery store sales in the United States were \$7,353 million in 1929; increased slightly to \$7,722 million in 1939 (14); had grown to \$34,421 million in 1954, and were \$93,328 million in 1972. Sales in 1978 were \$161,527 million (23). Virtually all of the increase after 1972 was due to food price inflation.

The number of grocery stores in the United States ended a long-term upward trend, peaking at 387,337 in 1939 (14). Over the next 1-1/2 decades, the impact of the supermarket revolution reduced grocery store numbers by over one-quarter to 279,440 in 1954. Since 1954, a variety of forces have continued to cause a reduction in the number of stores and, in 1972, only 194,346 stores remained. This number is only one-half of the 1939 peak.

Sales per store in the United States increased sharply from \$19,936 in 1939 to \$124,896 in 1954 and \$480,216 in 1972. This represents an increase of nearly 600 percent since 1939 and about 170 percent since 1954 after adjusting for price changes.

Supermarkets, which were first opened by independent retailers, came into being in the early 1930's and represented a major innovation in the method of grocery retailing. The new supermarkets were larger than the existing grocery stores. They also offered self-service and carried more items. Self-service permitted significant reductions in store operating costs. The growth of this low cost method of merchandising was spurred by the economic depression of the 1930's, but it was not until late in the decade that food chains started building supermarkets in large numbers.

Supermarkets accounted for 5 percent of all grocery stores and nearly 50 percent of all grocery store sales in 1954 (19). 13/ In 1972, supermarkets accounted for 13 percent of all grocery stores and 68 percent of total grocery store sales. 14/ In 1954, only 55 supermarkets had annual sales of \$5 million or more; there were 1,687 such stores in 1972 (19).

#### Food Chains

Grocery chains showed steady growth during their first century of existence, beginning in the 1850's. They became a significant factor in U.S. grocery retailing during the 1920's. Food chains occupied large shares in local markets and also had become important at the national level by the early 1930's. There were three chains that had 100 or more stores in 1919, 17 such chains by 1925 and 35 chains by 1930--of which three chains had more than 1,000 stores each (3).

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13/ In 1954, a supermarket was defined as a grocery store with annual sales of \$500,000 or more (\$708,625 in 1972 dollars).

14/ In 1972, a supermarket was defined as a grocery store with annual sales of \$1 million or more.

Grocery chains--retailers with 11 or more stores--accounted for about 34 percent of grocery store sales in 1948. Chains with 11 or more stores increased their share of national sales by about 1 percentage point a year over the next 24 years, to 57 percent in 1972 (fig. 2). Firms that operated 2 to 10 grocery stores increased their share of U.S. sales from 6.8 percent to 10.8 percent over the same period. Single-store operators' share of sales declined from 59 percent to 32 percent and the number of stores operated by single-store firms decreased from 347,063 to 151,974.

There were 366 grocery chains in 1972. These chains operated 33,564 stores--17 percent of all grocery stores. Eighty-six chains each had grocery store sales of \$100 million or more and together accounted for 49 percent of total grocery store sales in 1972. In contrast, 149,236 firms (96 percent of the total) each had less than \$500,000 in annual grocery store sales and together accounted for less than 17 percent of total grocery store sales.

#### National Concentration (tables 1, 3, and 4-7)

The 20 largest grocery chains in the United States increased their share of grocery sales from 27 percent in 1948 to 37 percent in 1975 (fig. 3). The greatest rate of increase was prior to 1958. An increase of 3 percentage points in the 20 largest chains' national share occurred between 1958 and 1975 even though A&P's share of U.S. sales declined from 11.1 percent to 4.9 percent.

National concentration of supermarkets is greater than the national concentration of all grocery stores. The 20 largest supermarket chains accounted for 46 percent of all supermarket sales in 1972 compared with 37 percent for the 20 largest grocery store firms.

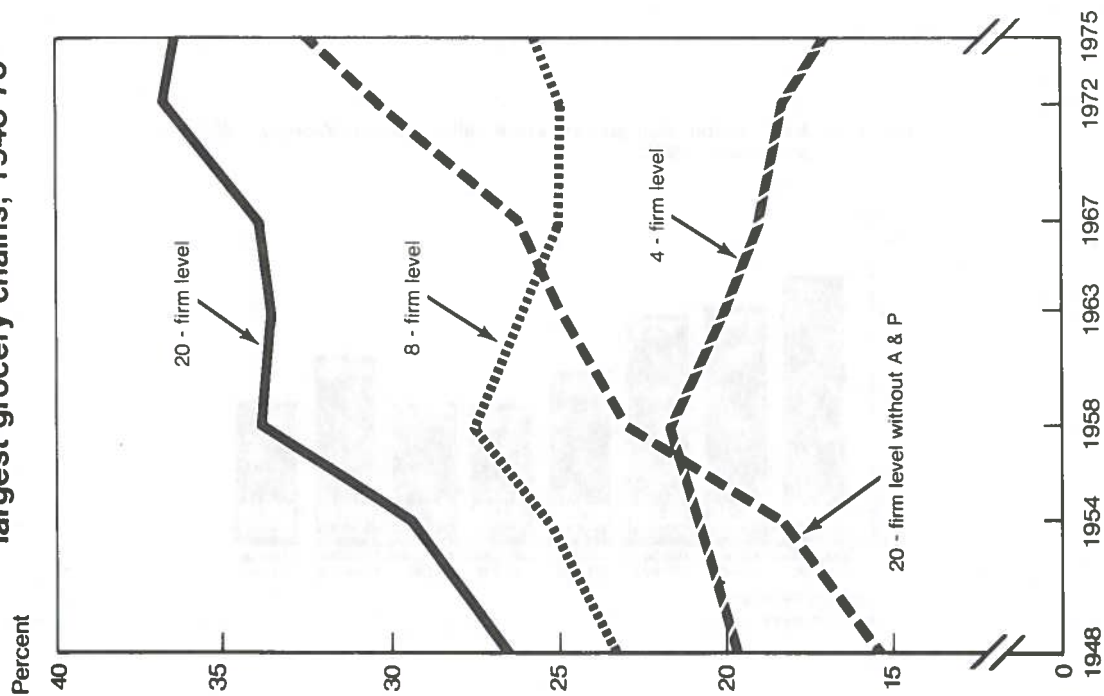
#### CONCENTRATION IN SMSA's 15/

The unweighted average four-firm grocery store sales concentration ratio in 1972 for the Nation's 263 SMSA's was 52.4 percent (table 12). The average 8-firm ratio was 67.3 percent and the 20-firm ratio was 80.9 percent. On a weighted basis (weighting each concentration ratio by the SMSA's grocery store sales), the 4-, 8-, and 20-firm averages were 49.5 percent, 63.3 percent, and 75.1 percent, respectively. There was considerable variability in the level of concentration among SMSA's. For example, one standard deviation around the 1972 average four-firm concentration ratio equaled plus or minus 10.9 percentage points. Cedar Rapids, Iowa, had the highest four-firm concentration in 1972 (81.1 percent) and Charleston, South Carolina, the lowest (26.3 percent).

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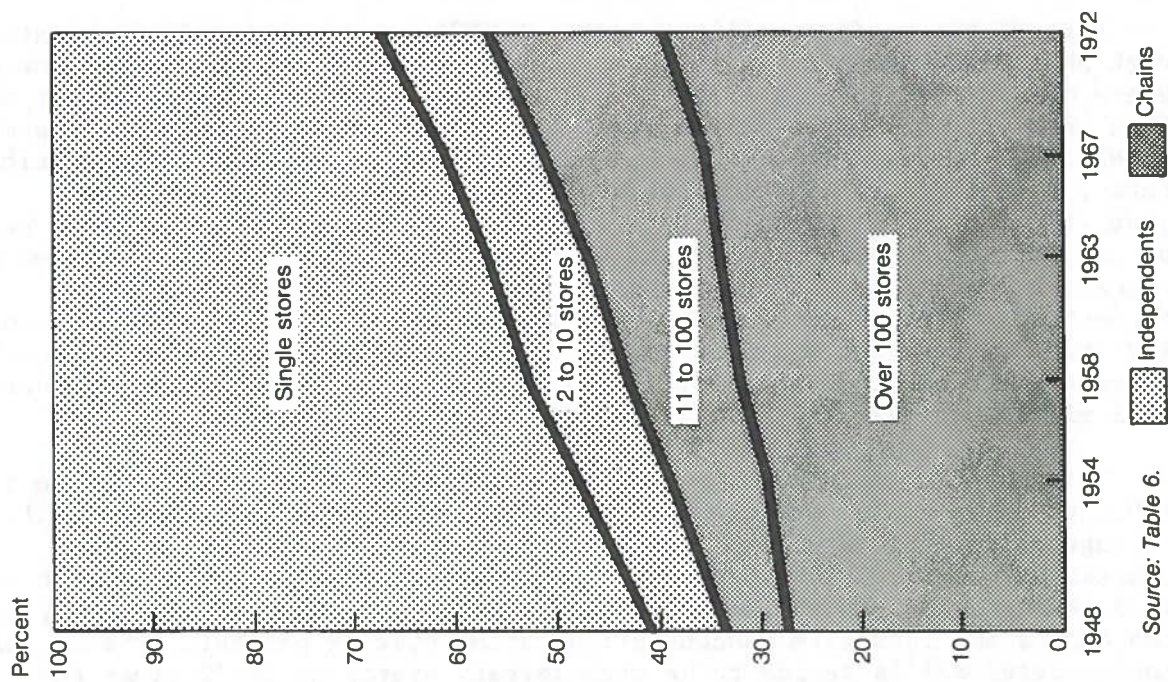
15/ See Organization of the Report: Table Descriptions and Data Characteristics, Part II, Concentration in SMSA's, above, for data qualifications.

**Figure 3—Percentage of U.S. grocery store sales made by the 4, 8, and 20 largest grocery chains, 1948-75**



Source: Table 1

**Figure 2—Distribution of grocery store sales by size of firm, census years 1948-72**

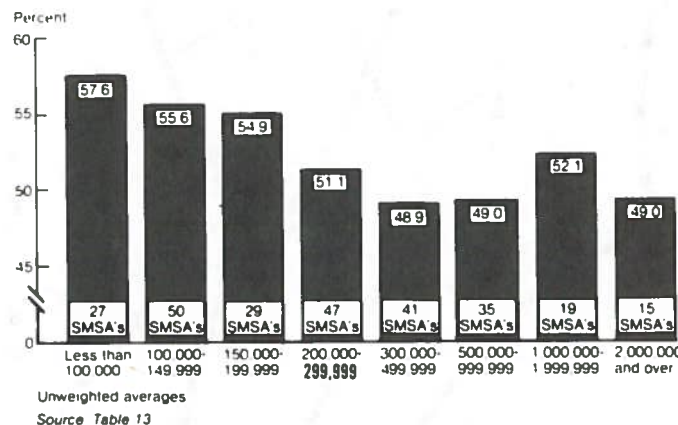


### Grocery Store Concentration by City Size (tables 13-15)

Part of the variation in the level of SMSA concentration is associated with SMSA size. SMSA's having fewer than 200,000 population in 1970, on the average, had 1972 concentration ratios that were 5 percentage points higher than those of the larger SMSA's (fig. 4). The 27 smallest SMSA's, each with populations of fewer than 100,000, had the highest four-firm concentration ratio, 57.6 percent. The 15 largest SMSA's, each with over 2 million population in 1970, had an average four-firm concentration ratio of 49 percent or 3.4 percentage points below the average of all SMSA's. The lower average concentration ratios for the largest SMSA's was due to the very low concentration ratios for the Nation's two largest SMSA's, New York and Los Angeles (30.9 percent and 35.6 percent, respectively). The average four-firm concentration ratio for SMSA's, excluding these two cities, with populations of 2 million or more was 51.4 percent on an unweighted basis.

Thirteen of the 20 most concentrated SMSA's had 1970 populations less than 200,000. Only two of the twenty most concentrated SMSA's had over 1 million in population. These were Denver-Boulder, Colorado, with a four-firm concentration ratio of 80.5 percent, and Washington, D.C., with a ratio of 76.3 percent. Of the 50 largest SMSA's ranked by 1970 population, only these two SMSA's had four-firm concentration ratios over 65 percent. The 20 least concentrated SMSA's tended to be much larger, averaging 3-1/2 times the population of the 20 most concentrated SMSA's. Only two of the twenty least concentrated SMSA's had populations of less than 200,000.

Figure 4 — Average four-firm grocery store sales concentration by SMSA population, 1972





### Historical Trends in Concentration (tables 12-13 and 16-20)

Grocery store concentration in SMSA's has been increasing. The unweighted average four-firm concentration ratio increased from 45.4 percent to 52.4 percent between 1954 and 1972--an increase of 7 percentage points in 18 years (fig. 5). On a weighted basis, the increase was from 44.3 percent in 1954 to 49.5 percent in 1972--5.2 percentage points.

On average, four-firm concentration increased more rapidly during the 1954-58 period and 1967-72 period than during the 1958-67 period. Concentration increased 3.9 percentage points between 1954-58, 1.6 percentage points between 1958-67, and 1.5 percentage points between 1967-72 based on unweighted averages (fig. 6). SMSA's with 1970 populations of less than 300,000 recorded greater increases in concentration between 1954 and 1958 than did larger SMSA's. In contrast, SMSA's with 1970 populations of less than 100,000 and 1-2 million had above-average increases during the 1967-72 period. The unweighted average four-firm concentration ratio for 82 SMSA's whose definitions did not change between 1954 and 1972, increased a total of 9.9 percentage points during the period, 4.2 points of the increase occurred between 1954-58 and 3.3 between 1967-72.

Figure 7 shows the percentage distribution of SMSA's by percentage point change in four-firm concentration in each of the four intercensal periods. Although average concentration increased over time, there was considerable variability in the changes among individual SMSA's.

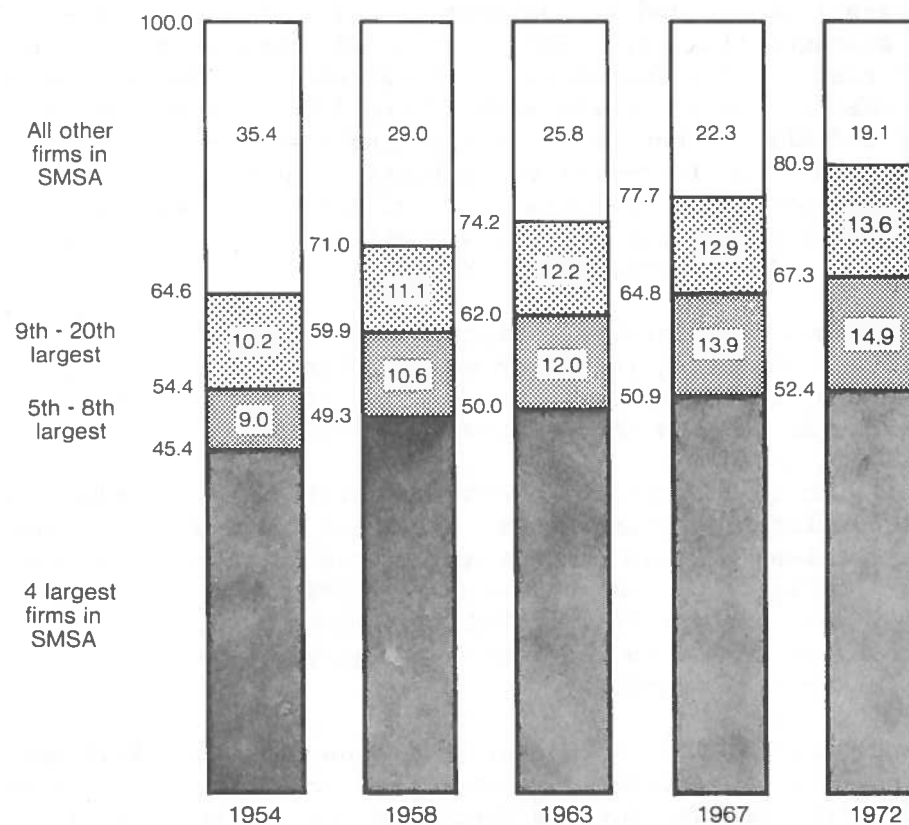
The change in concentration levels has shifted the distribution of SMSA's grouped into different concentration categories (fig. 8). The greatest shifts occurred in the less than 40 percent and in the 60 percent or more concentration categories. The proportion of SMSA's in the former category declined from 31.1 percent of the SMSA's in 1954 to 10.7 percent in 1972, while the share of SMSA's in the latter category rose from 6.1 percent to 24.5 percent during the same period.

Average 8- and 20-firm concentration ratios increased 12.9 and 16.3 percentage points, respectively, between 1954 and 1972, compared to the average 7.0-point increase for the four-firm concentration ratio (fig. 5). The share of sales accounted for by firms not among the top 20 in an SMSA declined from 35.4 percent in 1954 to 19.1 percent in 1972. The trend toward a reduced share of market by these smaller firms in SMSA's is essentially the same whether one looks at averages for all SMSA's, SMSA's in continuous existence over the 1954-72 period, or SMSA's whose definitions did not change during the period.

The marginal concentration ratio for the 5th through 8th largest firms in SMSA's increased, on the average, from 9 percent in 1954 to 14.9 percent in 1972--an increase of 5.9 percentage points. The average marginal concentration ratio for the 9th through 20th largest firms increased from 10.2 percent to 13.6 percent. Growth has been fairly steady, although the increases in marginal concentration ratios have not been large. The unweighted average marginal concentration ratio for the 5th through 8th



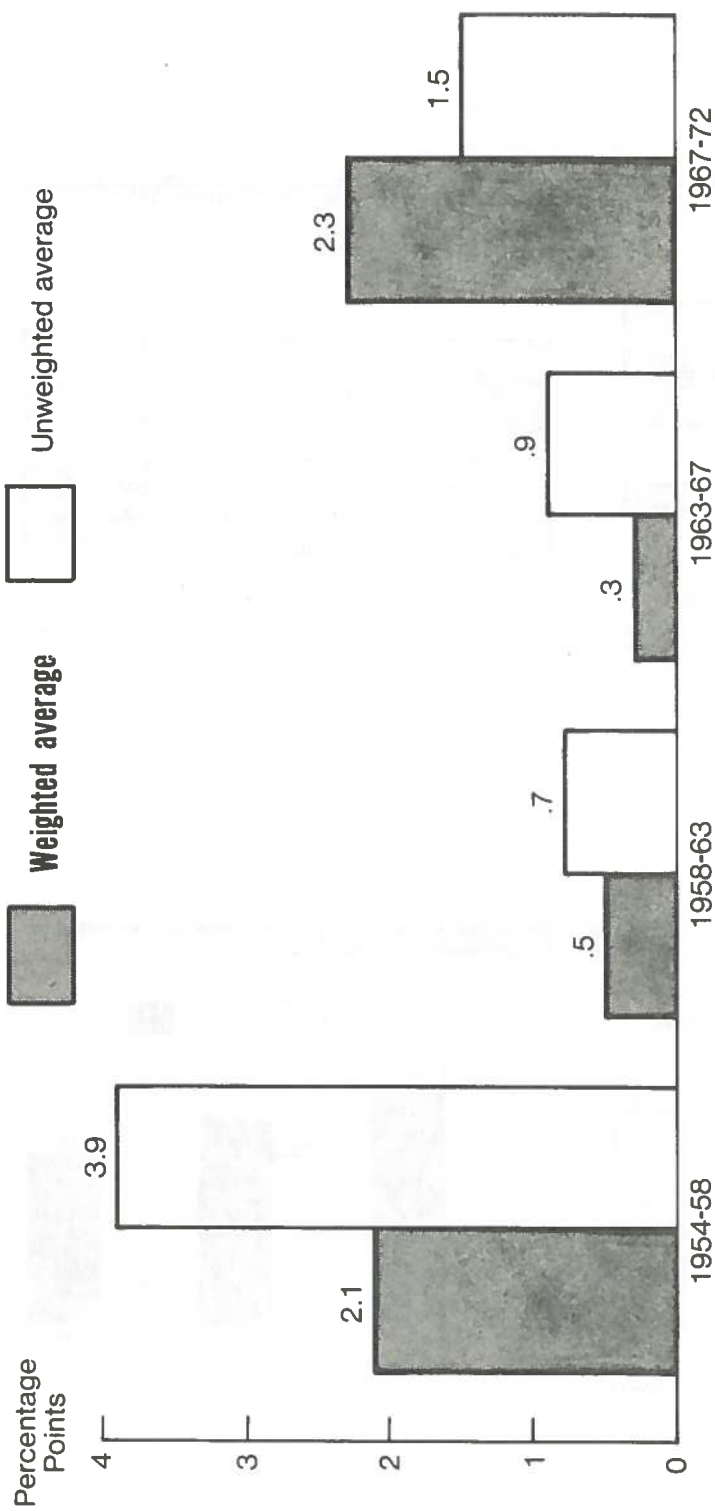
**Figure 5 – Average 4 -, 8 -, and 20 - firm  
grocery store sales concentration in  
SMSA's, census years 1954-72**



Unweighted averages of all SMSA's.

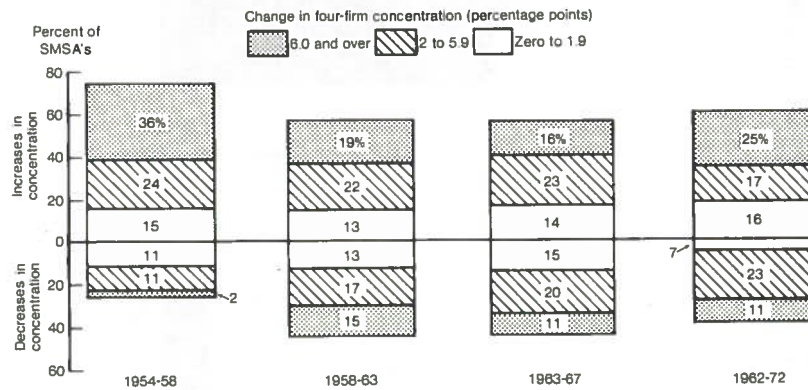
Source: Table 12

**Figure 6 — Comparison of changes in weighted and unweighted average four-firm grocery store sales concentration in SMSA's, census years, 1954-72**



Source: Table 12

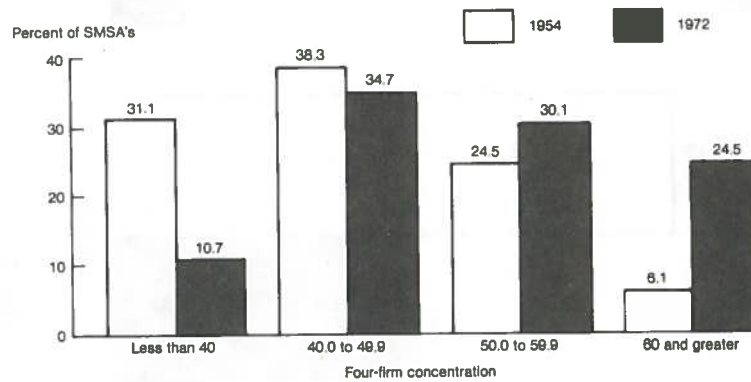
**Figure 7—Percentage distribution of SMSA's by change in four-firm grocery store sales concentration during intercensal periods, 1954-72**



Changes for 196 SMSA's in continuous existence. The distribution of the amounts of change may be related to the length of the intercensal period.

Source: Table 12

**Figure 8—Percentage distribution of four-firm grocery store concentration for 196 SMSA's in continuous existence, 1954-72**



Source: Table 12

largest firms in SMSA's increased 1.6, 1.4, 1.9, and 1.0 percentage points respectively during the 1954-58, 1958-63, 1963-67, and 1967-72 periods. The 9th through 20th largest firms showed increases of 0.9, 1.1, 0.7, and 0.7 percentage points, respectively, for the four intercensal periods.

#### Variation Among Regions (table 17)

The Northeast has relatively large SMSA's, and had the lowest average level of four-firm concentration in 1972 (50.5 percent compared with the all-SMSA average of 52.4 percent) (fig. 9). Four-firm concentration was highest in the North Central region, averaging 53.7 percent. The average concentration in the Northeast rose very slowly between 1954 and 1972--on a weighted basis, the four-firm average actually declined. In contrast to the Northeast, SMSA's in the West experienced a 12 percentage point increase in unweighted average four-firm concentration ratio and a 12.8 percentage point increase in weighted average concentration ratios between 1954 and 1972. The different rates of change among the regions resulted in an equalizing of average concentration ratios among the regions. In 1954, four-firm concentration ratios in western SMSA's averaged (unweighted) 7.9 percentage points lower than for SMSA's in the Northeast. Two decades later, in 1972, four-firm concentration ratios in the western SMSA's averaged 2.1 percentage points higher than in the Northeast.

#### Supermarket Concentration (tables 21-22)

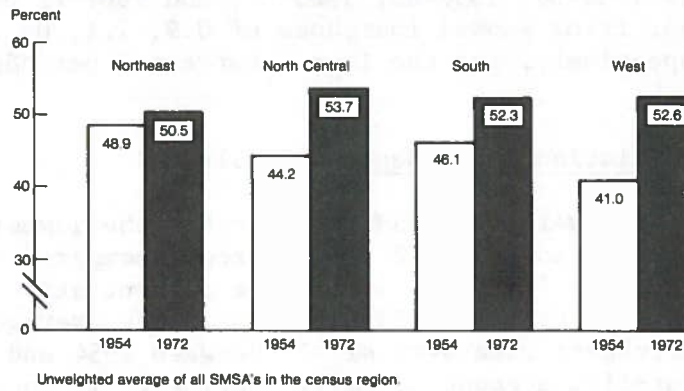
Sales concentration of supermarkets in SMSA's was substantially higher than for grocery stores. The unweighted average four-firm supermarket concentration ratio in 1972 was 69.5 percent (236 SMSA's) compared with 52.4 percent (263 SMSA's) for all grocery stores (fig. 10). <sup>16/</sup> The variability of supermarket concentration among SMSA's was greater than for grocery store concentration. One standard deviation around the average four-firm supermarket concentration ratio equaled 13.9 percentage points compared with 10.9 percentage points for four-firm concentration for all stores. <sup>17/</sup> The lowest four-firm concentration ratio was for Appleton-Oshkosh, Wisconsin (34.6 percent), while three SMSA's had ratios of 100 percent (Sherman-Denison, Texas, Sioux Falls, South Dakota, and Tallahassee, Florida). The average level of four-firm supermarket concentration approximately equals the average level of four-firm grocery store concentration divided by the ratio of supermarket sales to total grocery sales in SMSA's (fig. 11). This approximate equality reflects the fact that the four leading grocery retailers in 81 percent of the SMSA's are also the leading supermarket firms (appendix D).

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<sup>16/</sup> The average four-firm concentration ratio for all grocery stores in the 236 SMSA's for which four-firm supermarket concentration ratios were available was 52.7 percent, or 0.3 percentage points above the average for all 263 SMSA's.

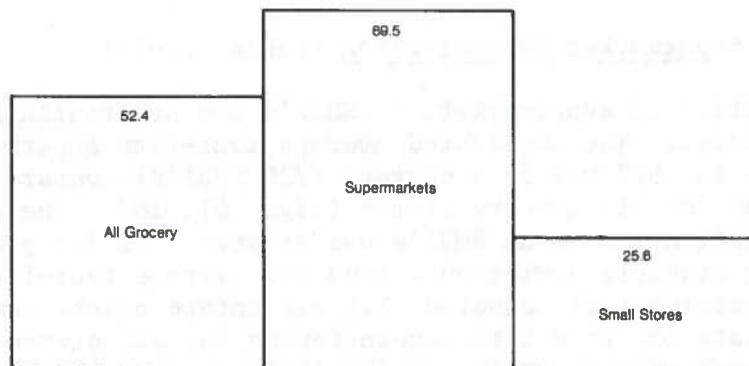
<sup>17/</sup> For grocery stores, one standard deviation equaled 21 percent of the mean. For supermarkets, one standard deviation was equal to 20 percent of the mean.

**Figure 9 —Average four-firm grocery store sales concentration in SMSA's grouped by region, 1954 and 1972**



Source: Table 17

**Figure 10 —Comparison of average four-firm sales concentration in SMSA's for all grocery stores, supermarkets, and small stores, 1972**

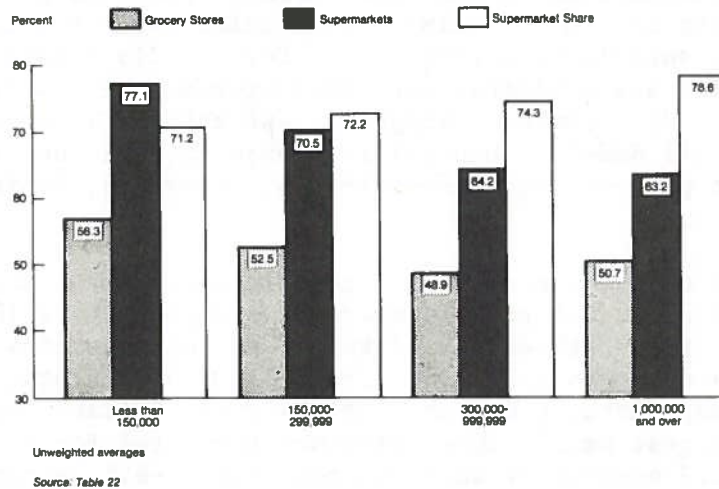


Unweighted averages. The supermarket and small store averages exclude some SMSA's because data were not available.

Source: Table 21



Figure 11—Comparison of four-firm grocery store and supermarket sales concentration and percentage of supermarket sales, by SMSA population, 1972



Variations in average levels of supermarket concentration by SMSA population and region parallel the differences in concentration for all stores. The only major distinction is that the average four-firm supermarket concentration ratio in 1972 was highest in Southern SMSA's whereas the average four-firm grocery store concentration ratio was highest in the North Central region. The unweighted average 1972 four-firm supermarket concentration ratio in the South was 75 percent compared to the U.S. average of 69.5 percent. However, the unweighted average 1972 four-firm grocery store concentration ratio was virtually the same (52.3 percent in the South versus 52.4 percent in the United States). The higher average for supermarkets is associated with a smaller supermarket sales share in the South (unweighted average of 67 percent in the South versus 73.3 percent in the United States).

Supermarket sales share of total grocery store sales was directly related to city size, ranging from an average (unweighted) of 71.2 percent in SMSA's with fewer than 150,000 people to 78.6 percent in SMSA's with 1 million or more people (fig. 11). Supermarkets accounted for an average (unweighted) of 78.1 percent of total grocery store sales in western SMSA's compared with 77.4 percent, 75.9 percent, and 67.0 percent in the North Central, northeastern and southern regions, respectively. The correlation coefficient between four-firm supermarket concentration and four-firm grocery store concentration in SMSA's in the United States was 0.87 in 1972. The correlation coefficient between supermarket and all grocery store concentration ratios for the 5th through 8th largest firms was 0.89. The 1972 data also show an inverse relationship between concentration of the four largest and the 5th through 8th largest

firms in the SMSA's (correlation coefficients were -0.29 for grocery stores and -0.58 for supermarkets).

#### Small Grocery Store Concentration (tables 21-22)

SMSA sales concentration of the four largest operators of small grocery stores, in 1972, was low in comparison with sales concentration for all grocery stores and supermarkets (fig. 10). For the 215 SMSA's for which concentration ratios are available for small stores, the unweighted average four-firm ratio was 25.6 percent, slightly less than half the average for all grocery stores in all SMSA's. Louisville, Kentucky, had the least concentration (8.6 percent) and Lafayette-West Lafayette, Indiana, had the highest (64.8 percent).

In contrast to the high correlation coefficient between four-firm concentration ratios for all grocery stores and supermarkets (0.87), the correlation coefficient between four-firm concentration ratios for all grocery stores and small stores was only 0.44. Four-firm concentration ratios for small stores and supermarkets had an even lower correlation coefficient of 0.38. The four largest small store operators accounted for an average (unweighted) of 32.2 percent of small stores' sales--6.6 percentage points above the all-SMSA average--in those SMSA's where the four largest grocery retailers accounted for more than 60 percent of sales. In SMSA's where the four largest grocery firms accounted for less than 40 percent of sales, the four largest small store operators accounted for an average of 17.5 percent of sales--8.1 percentage points below the all-SMSA average.

Small store concentration was inversely related to SMSA size in 1972. The average four-firm concentration ratio for small stores in SMSA's with 1 million or more population was 19.4 percent on an unweighted basis and 16.6 percent on a weighted basis. The ratios were 32.1 and 30.4 percent, respectively, for the SMSA's with less than 150,000 persons. There was very little variation in four firm concentration ratios among regions on an unweighted average basis; the Northeast had a slightly lower average than did all SMSA's (23.2 percent versus 25.6 percent). The difference was larger on a weighted basis (16.5 percent in the Northeast versus 20.4 percent for all SMSA's).

#### Herfindahl and Disparity Indexes (tables 21-22)

The Herfindahl index is a measure of concentration which takes into account size inequalities among all firms in a market. It is calculated by summing the squared market shares of the firms. <sup>18/</sup> Partial Herfindahl indexes are calculated for specified groups of leading firms, e.g., the four largest or the 5th through 8th largest.

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<sup>18/</sup> Appendix B gives calculating formulas and other information for the Herfindahl, partial Herfindahl, and disparity indexes.

Values of Herfindahl indexes have a theoretical range of zero to one. The highest Herfindahl value in this report is 0.4056 (where a four-firm supermarket concentration ratio is 100 percent) and the lowest Herfindahl value is 0.0032 (where a four-firm small store concentration ratio is 9 percent). The unweighted average Herfindahl value for sales of all grocery stores in SMSA's was 0.0987, with one standard deviation equal to 0.0402.

Comparisons of average Herfindahl values and concentration ratios in figure 12 illustrate one of the primary characteristics of Herfindahls, their tendency to increase geometrically while the concentration ratio increases arithmetically. The average Herfindahl ranged from 0.0461 for SMSA's having four-firm concentration ratios of less than 40 percent to 0.1507 for SMSA's having four-firm concentration ratios of 60 percent or more.

Herfindahl index values varied by SMSA population and region about the same way that concentration ratios varied, relatively high in smaller cities and in the North Central region. Herfindahl values for supermarkets were highest in the South, while the small store average was highest in the West. The average Herfindahl index value for supermarkets was 0.1707 compared with 0.0371 for small stores, reflecting the higher average concentration ratios.

There was a high correlation between Herfindahl and concentration ratio values in SMSA's. The simple correlation coefficient between the Herfindahl index and four-firm concentration ratio was 0.91 for grocery stores, 0.91 for supermarkets, and 0.89 for small stores. 19/

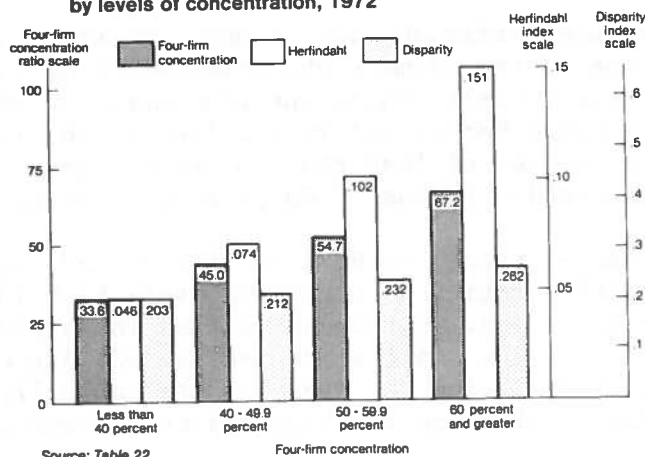
The average four-firm partial Herfindahl index for all grocery stores was 90 percent of the value of the average Herfindahl index value for all firms. Lower ranking grocery store firms accounted for only 10 percent of the average value of the Herfindahl index. This contrasts with grocery store concentration ratios where the combined shares of lower ranking firms was 47 percent of the combined shares of all firms. For supermarkets, the four-firm partial Herfindahl index value averaged 92 percent of the Herfindahl value with lower ranking firms accounting for the remaining 8 percent. The share of the average Herfindahl index accounted for by lower ranking firms is substantially greater for small stores--23 percent. The two indexes are very highly correlated despite these differences between average values of the Herfindahl and partial Herfindahl. The simple correlation coefficients were 0.99, 1.00, and 0.98 for all grocery stores, supermarkets, and small grocery stores, respectively.

The disparity index developed for this report measures size inequality among the four largest firms in a market and has a theoretical range of zero to three. The range observed in this report, however, is only half as large, 0.000 to 1.537, with an unweighted average and standard deviation of 0.230 and 0.192, respectively. Disparity among the top four firms was not strongly related to concentration levels (fig. 12). Correlation coefficients between

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19/ These coefficients are slightly lower than the 0.98 found by Marshall Hall and Nicolaus Tideman in their correlation of Census-computed Herfindahls and four-firm concentration ratios in 446 four-digit manufacturing industries in 1958 (12).

Figure 12 — Average values of grocery store sales four-firm concentration ratios, Herfindahl indexes, and disparity indexes in SMSA's grouped by levels of concentration, 1972



concentration ratios and disparity indexes were 0.16, 0.15, and 0.24 for all grocery stores, supermarkets, and small stores, respectively. There also was no appreciable difference between the average disparity values for the four largest supermarket firms and the four largest small store firms in SMSA's. The average disparity index for small stores was 0.285 (0.353 on a weighted basis) compared to 0.249 (0.239 on a weighted basis) for supermarkets. The average value of the disparity index is directly related to SMSA size for small stores, but not for supermarkets. SMSA's in the Northeast generally had below-average disparity index values and the West had above-average values for small stores.

Correlation coefficients between both the Herfindahl and partial Herfindahl indexes and disparity indexes are all about 0.4 to 0.5 when like types of stores (e.g., supermarkets) are compared. This is about one-half the level of correlation (0.9) between Herfindahl index values and concentration ratios. In summary, 1) the Herfindahl index in SMSA's was more strongly influenced by average levels of concentration than by differences in firm size inequality among the leading grocery store firms, and 2) average levels of concentration and firm size inequality were not strongly correlated.

## OTHER CHARACTERISTICS OF GROCERY STORES AND FIRMS IN SMSA'S

This section includes information about payroll, employment, payroll per dollar of sales, sales per store, selling area, sales per square foot of selling area, size distribution of stores by size of firm, and geographic diversification for 1972, and food and grocery store sales for census years 1954-72. These characteristics of the grocery retailing industry provide further insight into how the industry is organized and the relative positions of large and small firms in local markets and in the broader regional and national industry.

### Sales, Number of Stores, Payroll, and Employment (tables 23-28)

Grocery store sales per SMSA averaged \$106 million for 212 SMSA's in 1954 and \$261 million for 263 SMSA's in 1972--an increase of 146 percent. Real sales of grocery stores increased about 75 percent during the 1954-72 period after adjusting for the effects of price changes. Specialty food store sales per SMSA increased from \$21 million to \$24 million during the same period--an increase of 14 percent. Real sales of the specialty food stores declined 24 percent after adjusting for the effects of food price inflation. As a result of the different growth rates, grocery stores accounted for nearly 93 percent of total food store sales in 1972 compared with 78 percent in 1954.

The average SMSA had 430 grocery stores (operated by 364 different firms) which reported annual sales of nearly \$261 million in 1972. These stores employed 4,141 persons and had an annual payroll of nearly \$23 million. The four largest grocery store firms operated 50 of the stores (11.6 percent), had annual sales of \$129 million (49.5 percent), and employed 1,884 persons (45.5 percent of all grocery store employees).

An average SMSA in 1972 had 75 supermarkets, operated by 25 firms, with annual sales of \$200 million. They had 3,466 employees and an annual payroll of over \$21 million. The four largest supermarket firms in an SMSA accounted for 56 percent of the supermarkets, 63 percent of supermarket sales, and 59 percent of the supermarkets' employees.

Each SMSA, in 1972, had 355 small grocery stores that were operated by an average of 343 different firms. These stores reported annual sales of about \$61 million, employed 1,271 persons, and had an annual payroll of about \$5.2 million. The four largest small grocery store firms accounted for 12 percent of all small grocery stores, 21 percent of the total sales of small grocery stores, and 24 percent of their employees.

### Sales per Store

Two measures of grocery store size are included in this report--sales per store and selling area per store. Although the latter measure is preferred on theoretical grounds (because sales per store is affected by differences in sales per square foot and by differences in prices charged in different



stores) data for this measure are not complete. 20/ Sales per store and selling area per store gave similar pictures of differences in store size by characteristics of the SMSA's in 1972.

#### All Grocery Stores (tables 39-46)

Average sales per grocery store in SMSA's increased from \$158,000 (212 SMSA's) in 1954 to \$608,000 (263 SMSA's) in 1972. 21/ The increase is about 170 percent after adjusting for changes in food prices. Over one-third of the real increase occurred after 1967.

The South is noted for having relatively small grocery stores. Average sales per store in southern SMSA's was \$133,000 compared with the all-SMSA average of \$158,000 in 1954. Since 1954, sales per store increased the least in the South. Sales per store in the South averaged \$465,000 in 1972--24 percent less than the average for all SMSA's and 43 percent less than the average for SMSA's in the West (which had the highest average among the regions) (fig. 13). Grocery stores in the Northeast and North Central regions, since 1954, have drawn closer to the average sales size of stores in the West.

The average number of grocery stores declined from 669 per SMSA for the 212 SMSA's in existence in 1954 to 430 for the 263 SMSA's in existence in 1972--a decrease of over 35 percent. 22/ The average number of stores per SMSA declined, between 1954 and 1972, about 14 percent in the South; 45 percent in the North Central region; and 50 percent in the Northeast.

Large cities had larger grocery stores in 1972 than did small cities (fig. 14). SMSA's with 1970 populations of 1 million or more people averaged \$678,000 in annual sales while SMSA's with fewer than 150,000 persons had grocery stores that averaged \$491,000 per store. Sales per store in nonmetropolitan areas averaged \$302,961--about one-half the all-SMSA average in 1972.

The Four Largest Grocery Store Firms (tables 39-40)--The number of grocery stores operated by the four largest firms in each SMSA increased slightly from an average of 46 to 50 between 1954 and 1972. Sales per store increased from an average of about \$1 million per store in 1954 to about \$2.6 million per

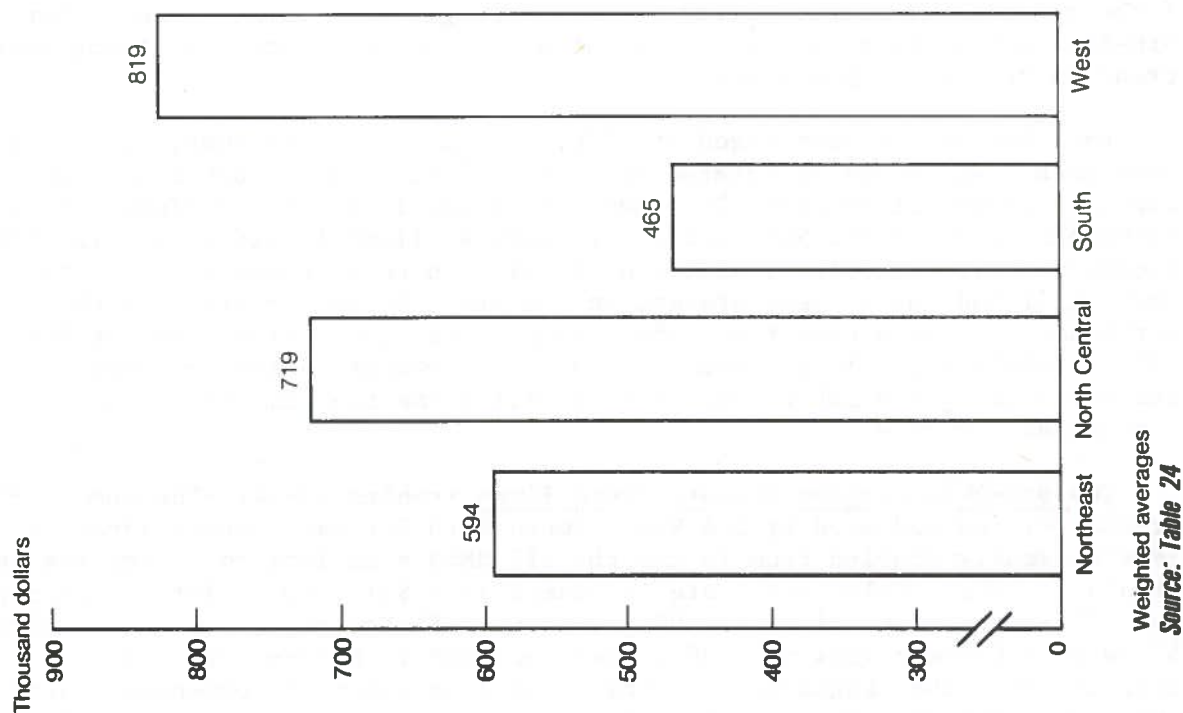
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20/ Selling area data are available for the first time for 1972 and then on an incomplete basis (the Bureau of the Census did not require firms to report this information), whereas data on sales per store are available for each census year between 1954 and 1972 and only minimal amounts of these data were suppressed by the Bureau of the Census to avoid disclosure of individual operations.

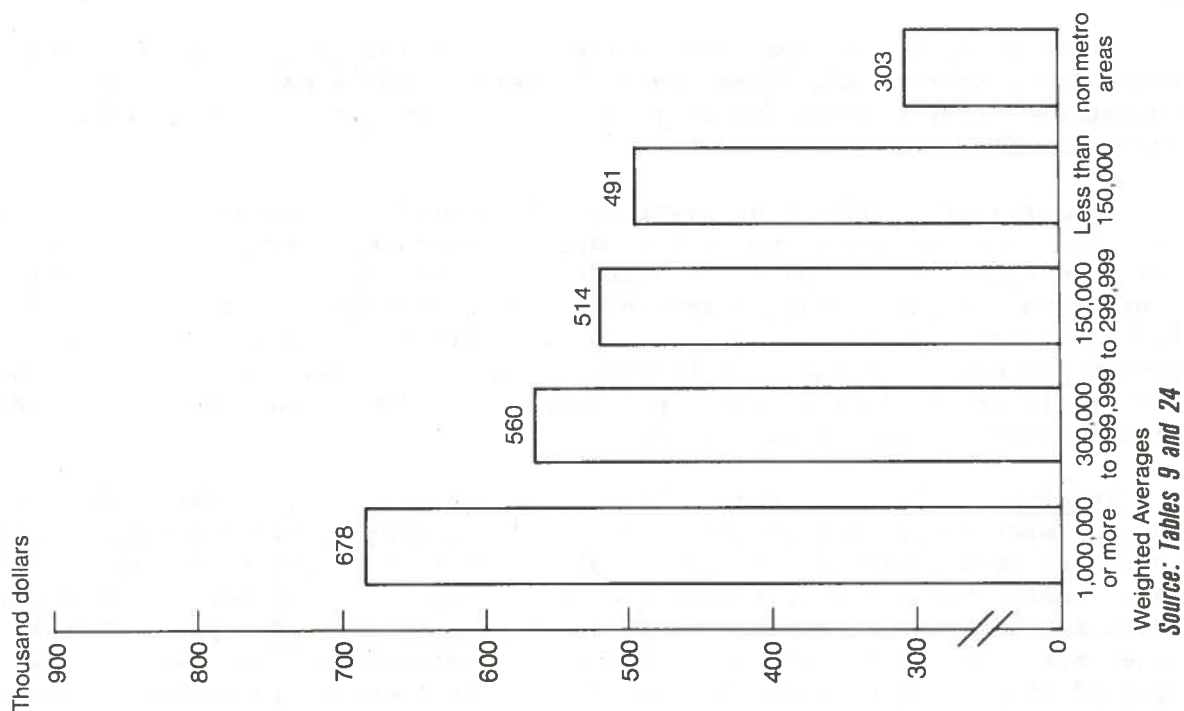
21/ These figures are not appreciably affected by the addition of SMSA's. For the 201 SMSA's in existence in both 1954 and 1972, sales per store averaged \$160,000 in 1954 and \$616,000 in 1972.

22/ For the 201 SMSA's in existence in both 1954 and 1972, the number of stores per SMSA averaged 673 in 1954 and 489 in 1972--a decrease of 27 percent.

**Figure 13 — Average sales size of grocery stores in SMSA's, by region, 1972**



**Figure 14 — Average sales size of grocery stores, by population of SMSA's, 1972**



store in 1972. This represents an increase of nearly 80 percent, after adjusting for price changes, in 18 years--about the same rate as for all grocery stores.

Average sales per store would have grown faster except for the growth of convenience store chains since 1963. Nineteen SMSA's had a chain of convenience stores among the four largest grocery store firms in 1972 (appendix D).

Comparisons of SMSA's by level of 1972 four-firm concentration ratio show that the four largest firms in the most concentrated metropolitan areas (four-firm concentration ratios of 60 percent and over) had higher average sales per store than did the leading firms in less concentrated SMSA's. SMSA's with 1972 concentration ratios of less than 40 percent showed the least real sales growth per store for the four leading firms since 1954. However, they had more rapid growth in real sales per store since 1963 than did the four leading firms in more concentrated cities.

The 5th-8th Largest Grocery Store Firms (tables 41-42)--The number of grocery stores operated by the 5th-8th largest grocery store firms in SMSA's increased from an average of 10 in 1954 to 18 in 1963 and then jumped to 33 in 1972. Sales per store increased from an average of about \$0.8 million per store in 1954 to \$1.1 million in 1972. After adjusting for price changes, sales per store increased nearly 16 percent between 1954 and 1963 and then dropped 15 percent between 1963 and 1972. The increase in number of stores and the sharp decline in average real sales per store since 1963 most likely occurred because one or more firms that operate convenience stores joined the 5th-8th largest grocery store firms in several SMSA's. The increasing importance of convenience store operators among the 5th through 8th largest firms reduces the comparability of SMSA averages over time. SMSA's where the 5th-8th largest firms primarily operated supermarkets showed a strong upward trend in real sales per store.

Data for SMSA's summarized by 1970 population suggest that, since 1963, convenience store chains entered the ranks of the 5th through 8th largest firms in large cities more than they did in small cities. Differences in real sales per store of the 5th through 8th largest firms in different size SMSA's became smaller since 1963, although cities with populations of 1 million or more still had the largest stores, on average. Sales per store in the Northeast were more than three times higher than the average for the South in 1972. SMSA's with higher levels of four-firm concentration had smaller sales per store among the 5th through 8th largest firms than did the less concentrated cities.

The 9th-20th Largest Grocery Store Firms (tables 43-44)--The number of grocery stores operated by the 9th through 20th largest grocery firms in SMSA's exactly doubled from 16 for the 212 SMSA's in 1954 to 32 for the 263 SMSA's in 1972. Sales per store increased from \$510,000 in 1954 to \$965,000 in 1972--an increase of nearly 90 percent. Deflated sales per store increased 55 percent between 1954 and 1963, then declined 14 percent by 1972. The decline after 1963 suggests that there was a movement of convenience store operators into the ranks of the 9th through 20th largest firms in SMSA's.

Sales per store of the 9th through 20th largest firms was directly related to city size each year. Small SMSA's do not have very many (if any) supermarkets operated by firms that rank below the eight largest. Sales per store generally were lowest among southern cities and highest among SMSA's in the Northeast region. Sales per store among the 9th through 20th largest firms varied inversely with the 1972 four-firm grocery store concentration ratio. This relationship probably is partly attributed to differences in city size. The 9th through 20th largest firms primarily operate supermarkets in large SMSA's. In smaller SMSA's, the 9th through 20th largest firms operate fewer supermarkets, and in some SMSA's do not operate any.

#### Supermarkets (tables 25-26)

Supermarkets in the United States averaged about \$2.5 million in annual sales per store in 1972. Supermarkets in the Nation's largest SMSA's (1 million or more people) had about 12 percent more sales per supermarket than the U.S. average. Supermarkets in western SMSA's had above-average sales per store (\$2.8 million), while supermarkets in the South had below-average sales per store (\$2.4 million). The four largest supermarket firms in 236 SMSA's for which data were available, reported an average 1972 sales per supermarket of over \$3 million--12.5 percent above the average for all supermarkets in the Nation's 263 SMSA's.

#### Small Grocery Stores (tables 27-28)

Small grocery stores in SMSA's reported average annual sales of \$171,000 in 1972. The four leading small grocery store firms in 215 SMSA's for which data were available for 1972, reported an average annual sales of \$294,000 per store.

#### Selling Area per Store (tables 29-30) 23/

Grocery stores in the United States averaged about 4,250 square feet of selling area per store in 1972 (22). Grocery stores in SMSA's averaged about 4,835 square feet of selling area per store. Selling area per store in SMSA's with 1 million or more people averaged 5,070 square feet--about 20 percent higher than the average store in cities with fewer than 150,000 persons. Grocery stores in southern SMSA's averaged about 15 percent fewer square feet of selling area per store than the average for all SMSA's. Stores in the West were the largest, averaging about 5,760 square feet per store, or 19 percent above the all-SMSA average. The four largest grocery store firms in 151 SMSA's for which data were available, reported an average of about 13,800 square feet per store. This reflects the fact that the four largest firms in most SMSA's are highly specialized to supermarket operations (appendix D).

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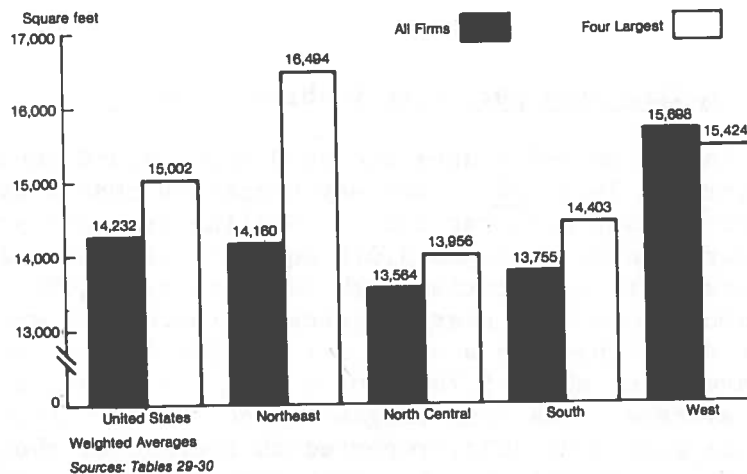
23/ See Organization of the Report: Table Descriptions and Data Characteristics, Part III, Other Characteristics of Grocery Stores and Firms in SMSA's, above, for data qualifications.

Supermarkets in 152 SMSA's for which data were available, reported an average of over 14,200 square feet of selling area per store in 1972--over three times the size of the average grocery store in the United States. Selling area per supermarket varied directly with city size. SMSA's with populations of 1 million and over reported an average of 14,300 square feet, compared with 13,300 square feet for SMSA's with fewer than 150,000 persons. Southern supermarkets had about the same amount of selling area per store, although they averaged lower sales per store than other supermarkets in the Nation (fig. 15). Western SMSA's had the largest supermarkets, averaging 15,700 square feet of selling area. The North Central region reported the smallest supermarkets, averaging 13,564 square feet.

Supermarkets operated by the four largest supermarket firms in 90 of the 263 SMSA's reported an average of 15,000 square feet of selling area per store in 1972, or about 5 percent larger than the average for all supermarkets in 152 SMSA's. Among the four largest supermarket firms, stores in the Northeast were largest followed by the West, South, and North Central regions, averaging 16,500, 15,425, 14,400, and 13,950 square feet of selling area, respectively.

Selling area per store for supermarkets and grocery stores operated by the four largest and all firms in the SMSA's did not appear to vary systematically with the level of four-firm concentration ratio for all grocery stores.

Figure 15 — Selling area per supermarket, all supermarket firms and four largest, SMSA's by geographic region, 1972





### Size Distribution of Stores (tables 31 and 32)

The four largest grocery store firms in an SMSA operated 56.4 percent of all supermarkets in the SMSA in 1972. Further, these firms operated 72.7 percent of the supermarkets that had annual sales of \$4 million and over, 63.4 percent of the supermarkets with annual sales of \$2 to \$4 million, and 43.6 percent of the supermarkets with annual sales of \$1 to \$2 million (fig. 16). In contrast, the four leading firms operated only 14.3 percent of the grocery stores with annual sales of \$500,000 to \$1 million and only 1.2 percent of the grocery stores with annual sales of less than \$500,000.

Firms not included among the 8 largest in an SMSA operated only 12.9 percent of the grocery stores that had annual sales of \$4 million and over and 93 percent of the stores with annual sales of less than \$500,000.

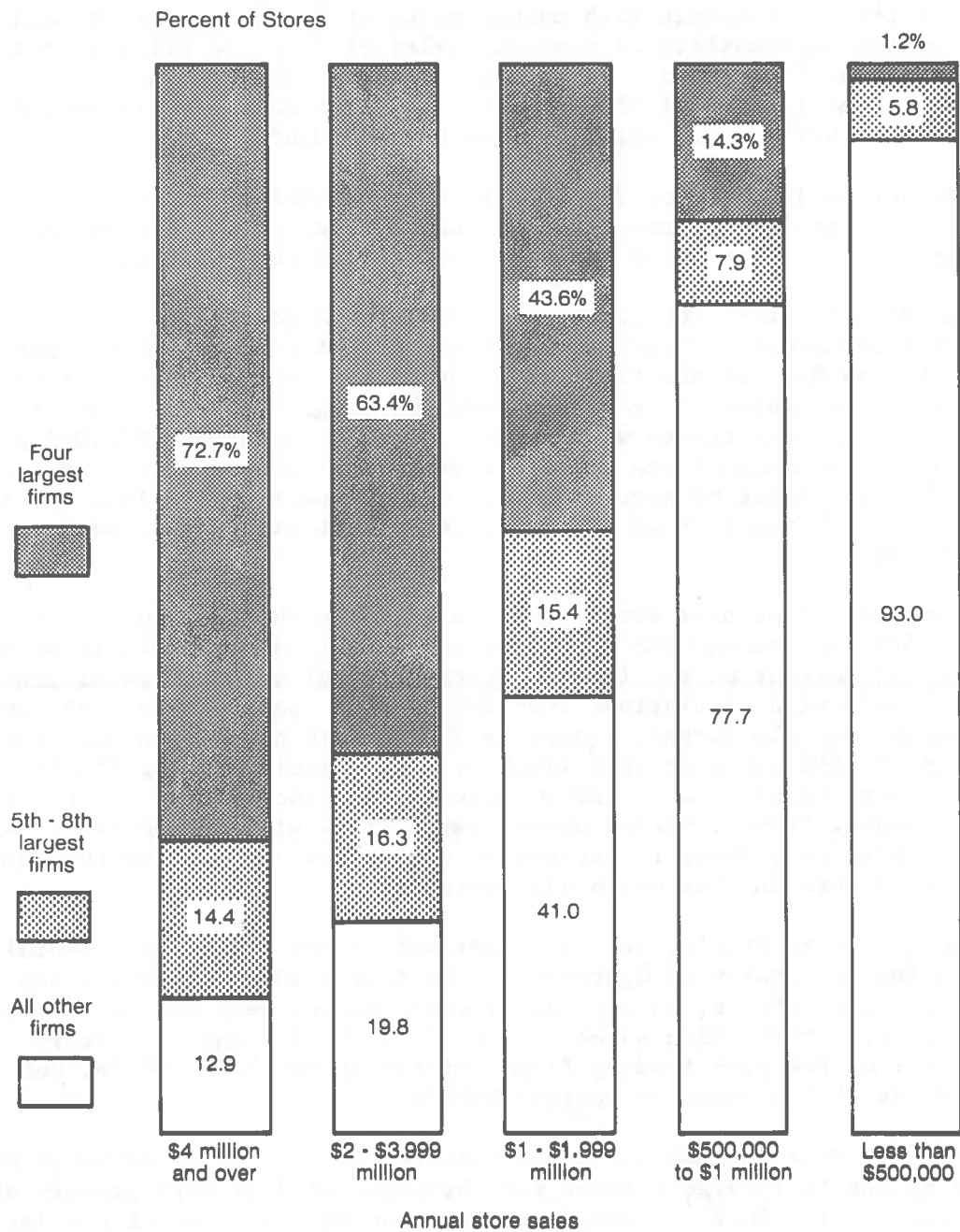
About 85 percent of the stores operated by the four largest firms in an SMSA were supermarkets. Sixty-four percent of the grocery stores operated by the 5th through 8th largest firms were not supermarkets; 58 percent of the stores had annual sales of less than \$500,000 (fig. 17). The high frequency of very small grocery stores with annual sales of less than \$500,000 probably is due to the presence of one or more operators of convenience stores in several SMSA's. About 88 percent of the stores operated by firms not included among the eight largest in an SMSA were very small with annual sales of less than \$500,000.

Systematic differences were found, in 1972, in the distribution of store sizes by firm rank among SMSA's. For example, the four largest firms operated only about 70 percent of the largest stores (annual sales of \$4 million and over) in SMSA's with populations over 300,000 but operated about 85 percent and 95 percent of the largest stores in SMSA's with populations between 150,000 to 299,000 and less than 150,000, respectively. Among SMSA's with 1 million or more persons, about 22 percent of the grocery stores operated by the four leading firms reported annual sales of \$4 million and over. Among smaller SMSA's, only about 13 percent of the stores operated by the four leading firms were in this sales size category.

In northeastern SMSA's, only 64.5 percent of the stores with annual sales of \$4 million and over were operated by the four leading grocery store firms, while in southern SMSA's, 80 percent of these stores were operated by the four leading firms. Stores with annual sales of \$4 million and over represented 11.6 percent of the four leading firms' stores in southern SMSA's, but accounted for 25.5 percent in western SMSA's.

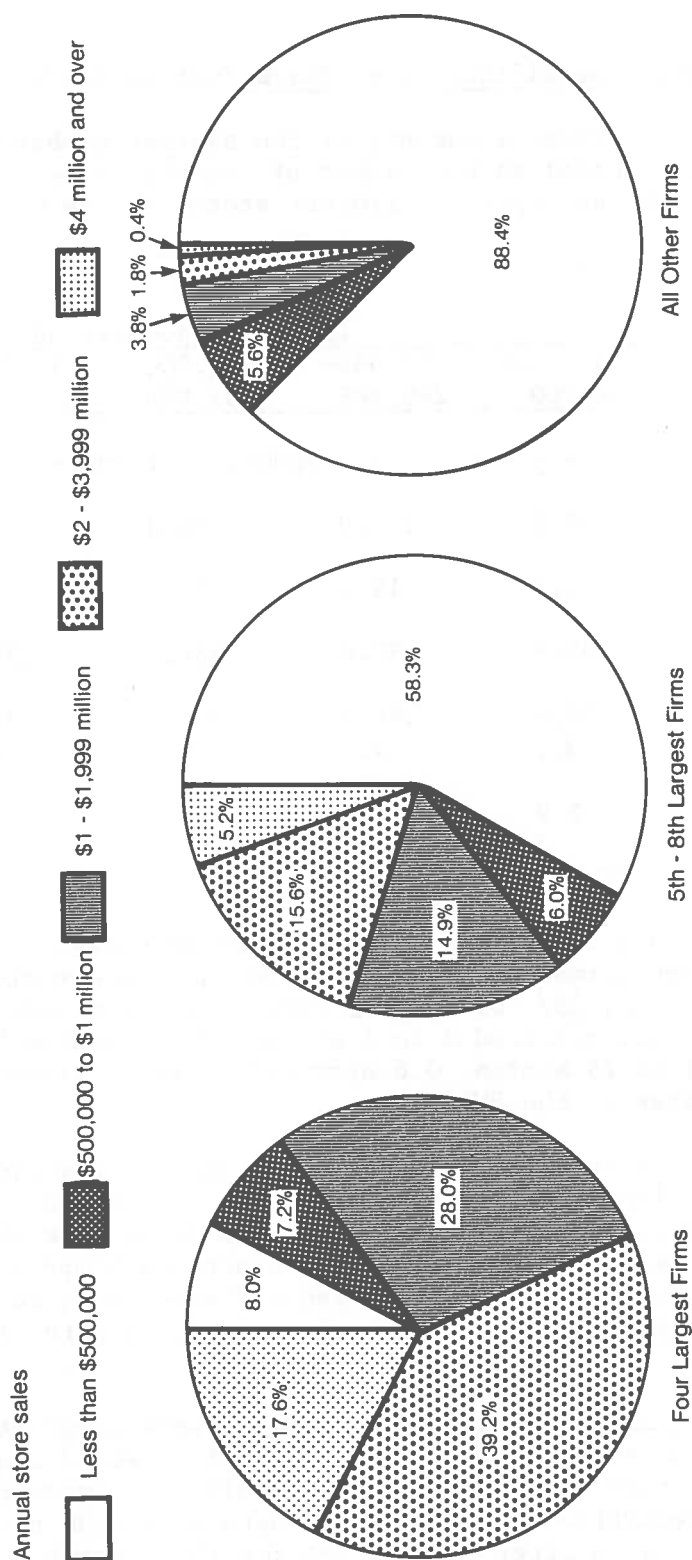
A positive relationship was found between the percentage of large stores operated by the four largest firms and the level of four-firm grocery store concentration. The four largest firms operated 92.6 percent of the largest stores (annual sales of \$4 million and over) in SMSA's with four-firm concentration of 60 percent or higher. This percentage declined to 78.6 percent for SMSA's with concentration ratios of 50 to 60 percent, 69.1 percent for SMSA's with concentration ratios of 40 to 50 percent, and 51.3 percent for SMSA's with concentration ratios below 40 percent. The data for 1972 show that the four leading firms in an SMSA tend to operate a relatively larger percentage of the largest supermarkets in those SMSA's that are 1) relatively

**Figure 16 — Percentage distribution of grocery stores by store size and firm rank, SMSA's, 1972**



Source: Table 31

**Figure 17 —Percentage distribution of grocery stores operated by the four largest, 5th through 8th largest, and all other firms, by size of store, SMTA's, 1972**



Source: Table 31

small and 2) relatively concentrated. <sup>24/</sup> In small SMSA's, operation of even a relatively few large stores causes concentration to be relatively high.

#### Geographic Diversification of Firms (tables 33-36)

The following table provides a summary of the average number of different size grocery store firms (based on the number of grocery stores operated and number of SMSA's in which they operated grocery stores at the end of 1972) in different size SMSA's.

	1970 SMSA population				
	Less than 150,000	150,000- 299,999	300,000- 999,999	1 million or more	All SMSA's
- - - - - Number of firms - - - - -					
All firms	98.0	177.0	366.0	1,377.0	364.0
Firms with no stores at end of year	10.1	19.4	38.9	147.3	39.2
Firms in operation at end of year	87.9	157.6	327.1	1,229.7	324.8
Independents					
1 store	78.8	144.8	308.4	1,189.6	307.8
2-10 stores	3.2	5.4	9.2	25.5	8.5
Chains with 11 or more stores	5.9	7.4	9.5	14.6	8.5
Chains in 11 or more SMSA's	3.8	4.5	5.7	7.5	5.0

An average SMSA had 364 firms that operated grocery stores at some time during 1972. Thirty-nine firms no longer operated any grocery stores in the SMSA at the end of the year. <sup>25/</sup> Of the 325 firms that remained, 311 operated only one grocery store, 8.2 operated 2 to 4 stores, 2.8 operated 5 to 10 stores, 1.6 operated 11 to 25 stores, 0.6 operated 26 to 50 stores, and 0.4 operated 51 or more stores in the SMSA.

On the average, 308 of the firms operated only one grocery store anywhere in the United States. Eight and one half firms were multistore independents that operated 2 to 10 grocery stores and another 8.5 firms were chains that operated 11 or more grocery stores. Six of the chains each operated 51 or more grocery stores. Ten firms in an SMSA also had grocery store operations in another SMSA, and five of these had operations in 10 or more other SMSA's.

<sup>24/</sup> The four leading firms operate relatively more very large stores than do lower ranking firms in an average SMSA. This fact alone would cause the four leading firms' share of very large stores to be positively associated with level of four-firm concentration. However, the data show that the relationship is positive even after controlling for this factor.

<sup>25/</sup> Many of these probably continued in operation under new ownership.

Cities with one million or more people had an average of 1,377 firms that operated grocery stores at some time during 1972. Of these, 148 firms no longer operated any grocery stores in the SMSA at the end of the year. Nine of the remaining 1,229 firms operated 11 or more stores in the SMSA and 1,195 operated only a single store at the end of the year. An average of 14.6 firms per SMSA operated 11 or more stores somewhere in the United States, of which 9.4 operated 51 or more stores. Only 18.4 of the firms operated grocery stores in another SMSA, and 7.5 of these firms operated stores in 10 or more other SMSA's.

Cities with fewer than 150,000 people averaged 98 grocery store firms, of which 5.9 operated 11 or more grocery stores somewhere in the United States at the end of 1972, and 3.8 operated stores in 10 or more other SMSA's.

The average SMSA in the Northeast had 9.5 firms that were chains (11 or more grocery stores in the United States), compared with 6.9 chains in the North Central region, 8.6 in the South, and 9.8 in the western SMSA's. Thus, cities in the North Central region had the fewest grocery chains in 1972, while the West had the most chains. The number of firms that operated in 11 or more SMSA's showed a similar pattern among regions.

SMSA's with concentration ratios above 60 percent had an average of 7.1 chains (11 or more grocery stores in the United States), whereas SMSA's with concentration ratios of less than 40 percent averaged 10.7 chains. The less concentrated SMSA's (which are generally larger than average) also had more firms that operated grocery stores in 11 or more SMSA's. Metropolitan areas with four-firm concentration ratios of less than 40 percent had an average of 786 grocery store firms, with average SMSA sales of \$514 million, whereas the SMSA's with concentration ratios of 60 percent or more averaged only 163 grocery store firms with average SMSA sales of \$148 million in 1972.

The leading firms in an SMSA generally were multistore operators. However, in 71 of the 263 SMSA's, at least one of the four largest firms operated only one grocery store in the SMSA and in 166 SMSA's, one or more of the top four firms operated 2 to 4 grocery stores in the SMSA. Only 25 SMSA's had one or more leading firms that operated 51 or more stores in the SMSA, and twenty of these cities had populations of one million or more in 1970.

In 27 generally small SMSA's, at least one of the four leading firms operated only one grocery store anywhere in the United States. However, 2.7 of the four largest firms in the average SMSA operated 51 or more stores somewhere in the United States, and 2.3 of the four leading firms operated in 11 or more SMSA's. On the average, 0.7 of the four leading firms in an SMSA were independents, operating 10 or fewer grocery stores in the United States.

Of the 34 SMSA's that had one million or more population, only New Orleans had an independent grocery retailer (fewer than 11 stores in the United States) among the four largest firms. On the average, 3.5 of the four leading firms operated 51 or more grocery stores in the United States and 2.8 of the firms operated stores in 11 or more SMSA's.

The number of multimarket chains among the four leading firms in an SMSA was directly related to both city size and four-firm grocery store



concentration. The following table shows that in SMSA's with more than 1 million people and concentration ratios of 60 percent or over, 3.5 of the four leading firms had multimarket grocery store operations. Only 1.7 of the four leading firms in SMSA's with fewer than 300,000 people and concentration ratios of less than 40 percent were multimarket operators.

	Four-firm concentration ratio			
	Less than 40%	40 - 49.9%	50 - 59.9%	60% or over
1 million or more	2.5	2.6	3.0	3.5
300,000 - 999,999	1.8	2.4	2.4	2.6
Less than 300,000	1.7	2.1	2.1	2.1

The SMSA sales of the grocery stores operated by the four largest firms in the largest SMSA's (1 million or more persons) accounted for 25.5 percent of their firms' total sales in the Census-defined geographic division in which the SMSA is located and 13 percent of their U.S. sales. The four firms accounted for nearly 51 percent of total grocery store sales in the SMSA, 21.5 percent of total grocery store sales in the geographic division and 8.5 percent of total grocery store sales in the United States. Thus, the four largest firms in the Nation's largest cities tend to be large chains and the sales of these firms in large cities tend to make a substantial contribution to their total sales.

Independents in cities with fewer than 150,000 people accounted for an average of 0.8 of the four largest grocery store firms while 2.6 of the firms operated 51 or more grocery stores and 2.1 operated stores in 11 or more SMSA's. The four leading firms accounted for an average of 56.3 percent of grocery store sales in the SMSA, 15.8 percent of sales in the geographic division, and 7.5 percent of total U.S. sales. Sales in the SMSA did not account for a large portion of the four leading firms' total sales--4.5 percent of their sales in the geographic division and only 1.5 percent of their U.S. sales. Thus, although chains accounted for a large portion of grocery store sales in the small SMSA's, any one of these cities did not account for a large portion of the firms' total sales in 1972.

SMSA's with concentration ratios of less than 40 percent averaged fewer large chains among the four leading firms than did the more concentrated metropolitan areas (see table above). The following table shows that chains, particularly those operating in 11 or more SMSA's, were most prevalent among the four leading firms in southern SMSA's and least prevalent among the four leading firms in SMSA's in the North Central region.

	<u>Northeast</u>	<u>North Central</u>	<u>South</u>	<u>West</u>
Chains with 11 or more stores	3.5	3.1	3.5	3.2
Chains in 11 or more SMSA's	2.3	1.9	2.5	2.4

### Payroll per Dollar of Sales (tables 23-28)

Payroll per dollar of sales is often used to indicate degree of labor intensity among industries. Differences in payroll per dollar of sales may indicate differences in types of operation, use of unpaid family labor, wage rates, product prices, and productivity of workers within an industry. All of these factors would be expected to cause differences in payroll per dollar of sales among grocery retailers.

Payroll per dollar of sales for grocery stores averaged 8.7 cents compared with 14 cents for department stores, 15 cents for apparel and home furnishings stores, 7 cents for used car dealers, and 25 cents for commercial eating and drinking places in 1972 (20).

Payroll expenses per dollar of sales varied by size of store, city size, geographic region, and level of four-firm grocery store concentration. Payroll per dollar of sales averaged 9.0 cents for all grocery stores, 9.21 cents for supermarkets and 8.45 cents for small grocery stores in SMSA's. Small stores typically rely more heavily upon unpaid labor of the operator and his family than do supermarkets. Comparisons between supermarkets and small stores are limited because they are different types of stores, handle a different mix of products, and generally charge different prices. In addition, supermarkets are more likely to have unionized workers.

The Nation's larger cities reported higher payroll per dollar of sales. For all grocery stores, for cities with populations of 1 million and over, 300,000 to 999,999, 150,000 to 299,999, and less than 150,000, the weighted averages were 9.47 cents, 8.52 cents, 8.44 cents, and 8.24 cents, respectively. Comparable figures for supermarkets were 9.64 cents, 8.59 cents, 8.54 cents and 8.39 cents, respectively, and for small grocery stores, payroll per dollar of sales averaged 8.77 cents, 8.15 cents, 7.95 cents, and 7.98 cents, respectively.

Payroll expenses per dollar of sales for supermarkets, on average, in 1972 were above the national average in the West and North Central regions (9.98 cents and 9.51 cents, respectively) and lowest in the South (8.39 cents). The following table shows differences in payroll per dollar of sales for supermarkets in SMSA's grouped by region and 1970 population.

	<u>Northeast</u>	<u>North Central</u>	<u>South</u>	<u>West</u>
Less than 150,000	8.27¢	8.86¢	7.68¢	9.73¢
150,000-299,999	8.60	8.84	7.47	9.87
300,000-999,999	8.72	8.96	8.07	9.05
1,000,000 or more	9.28	9.85	9.02	10.24

The regional differences were less for small grocery stores than for supermarkets. The Northeast reported above-average payroll per dollar of sales (8.80 cents), while the South was about average (8.40 cents) and the North Central and West regions reported slightly below-average figures (8.26 cents and 8.31 cents, respectively).

Payroll per dollar of sales for the four largest supermarket firms averaged 8.84 cents versus 9.21 for all supermarkets. The lower expense for the four leading supermarket firms generally was found for all groupings of SMSA's (by population, region, and concentration ratio). In order to eliminate comparison complications associated with incomplete data for the four leading supermarket firms and differences in SMSA characteristics, data for the four largest grocery store firms in SMSA's where convenience store and superette store chains were not present among the four largest firms were grouped by population and region. The following table contains these data and shows that the four leading supermarket firms in SMSA's have relatively higher payroll expenses per dollar of sales in larger SMSA's and in western SMSA's, but that the four leading firms' payroll expenses do not differ much from those for all supermarkets (see table above).

	<u>Northeast</u>	<u>North Central</u>	<u>South</u>	<u>West</u>
Less than 150,000	8.28¢	8.74¢	7.84¢	9.86¢
150,000-299,999	8.57	8.80	7.58	9.84
300,000-999,999	8.84	8.66	8.10	9.14
1,000,000 or more	9.43	9.82	9.09	9.65

Sales per Square Foot of Selling Area (tables 29-30)

Grocery stores have relatively high sales per square foot of selling area. Grocery stores in the United States reported average annual sales per square foot of selling area of \$165 compared with \$103 for drug and proprietary stores, \$100 for department stores, \$85 for apparel stores, and \$52 for furniture stores in 1972 (22).

Sales per square foot of selling area often is used as an indicator of efficiency in the use of store space and facilities, and has been correlated with store profitability in the grocery retailing industry. 26/ Differences in sales per square foot of selling area also may reflect differences in the type of grocery store operation (limited service, discount stores versus full service stores), mix of products handled, and prices charged. 27/ Annual sales per square foot of selling area for all grocery stores in 245 SMSA's was \$173 in 1972. The four largest grocery store firms in 151 SMSA's reported an average of \$195 per square foot. Supermarkets in 152 SMSA's reported an average of \$192 per square foot, while the four largest supermarket firms in 88 SMSA's averaged \$210 per square foot of selling area.

Sales per square foot was highest in the Northeast (\$182) and lowest in the South (\$160) among all grocery stores. Sales per square foot of selling

26/ Gross and net margins both increased with increases in sales per square foot of selling area (14).

27/ See Table Descriptions, Part III, Other Characteristics of Grocery Stores and Firms in SMSA's, for additional data qualifications.

area was highest for the four largest grocery store firms in SMSA's in the North Central (\$207) and West (\$205) regions and lowest in the South (\$181).

The Northeast and North Central regions reported the highest average annual sales per square foot of selling area in 1972 (about \$200) for supermarkets. The four largest supermarket firms' sales per square foot of selling area were highest in SMSA's the West (\$222) and lowest in the South (\$167).

Sales per square foot of selling area was highest for all grocery stores, the four largest grocery store firms, and all supermarkets, in SMSA's with 1972 four-firm concentration ratios of 60 percent and over. However, for the four largest supermarket firms, sales per square foot of selling area was highest in the least concentrated SMSA's.

### Regional Highlights

One of the interesting features of the data presented in this report is the wide variation found among SMSA's in different regions of the country. These differences have been discussed elsewhere in the text, but it may not be readily apparent that the different variables may be somehow related. This section explicitly highlights regional comparisons of a few of these variables. Weighted averages of six variables for supermarkets are contained in the following table for the four regions.

	<u>Four-firm concentration ratio</u>	<u>Annual sales per store (000)</u>	<u>Selling area per store sq. ft.</u>	<u>Sales per square foot of selling area</u>	<u>Payroll per dollar of sales</u>	<u>Supermarkets share of grocery store sales</u>
Northeast	56.4%	\$2,739	14,160	\$200	9.05¢	76.6%
North Central	63.7	2,717	13,564	199	9.51	78.7
South	73.0	2,438	13,755	180	8.39	71.1
West	58.0	2,837	15,698	189	9.98	81.3
United States	61.7	2,682	14,232	192	9.21	76.6

The following table shows the average number of chains among the four largest and all firms in SMSA's in the four regions.

	<u>All firms</u>		<u>Four leading firms</u>	
	<u>Chains with 11 or more Stores</u>	<u>Chains in 11 or more SMSA's</u>	<u>Chains with 11 or more stores</u>	<u>Chains in 11 or more SMSA's</u>
Northeast	9.5	5.6	3.5	2.3
North Central	6.9	4.0	3.1	1.9
South	8.6	5.2	3.5	2.5
West	9.8	5.7	3.2	2.4
United States	8.5	5.0	3.3	2.3

## Northeast

The Northeast is highly industrialized and relatively densely populated. Its population has increased more slowly than the population of the other regions in recent years. The average four-firm grocery store concentration in SMSA's was highest in the Northeast in 1954. Concentration has since remained steady while rising in the other regions. The Northeast had the lowest average in 1972. The region also had the lowest average four-firm supermarket concentration.

SMSA's in the Northeast have a relatively large number of grocery store chains, averaging 9.5 per SMSA, compared with 8.6 and 6.9 in the South and North Central regions respectively. This may be due to the relatively large size of its cities. Grocery stores in the region also are relatively large. This is consistent with the findings that supermarkets accounted for about 77 percent of total grocery store sales and that the supermarkets were relatively large in the region. Annual sales of supermarkets averaged \$2.8 million, with over 14,000 square feet of selling area. This was surpassed only by the West. Supermarkets in the Northeast reported one of the highest average sales per square foot of selling area. Payroll expenses per dollar of sales for supermarkets in the region was about equal to the national average.

## South

Many areas of the South have experienced a high growth rate by attracting people and businesses from the North, especially the Northeast. Cities in the South generally are smaller and more people live in nonmetropolitan areas than is the case in other regions.

Supermarkets account for a much lower proportion of total grocery store sales in the South compared with other regions. Average supermarket sales concentration in southern SMSA's was the highest in the Nation. More national chains occupy more of the four leading positions in southern SMSA's than in other regions.

The average floor area of supermarkets was only slightly smaller (3 percent smaller) than the U.S. average and was slightly larger than in the North Central region. Average sales per store was much lower (9 percent lower) than the U.S. average. The combination of these factors resulted in the South having the lowest average annual sales per square foot of selling area (\$180 versus \$192 in the United States). Payroll expenses per dollar of sales averaged 8.39 cents in southern SMSA's compared to the all-SMSA average of 9.21 cents.

## North Central

The North Central region is quite highly industrialized and it has a number of large cities. It also has a number of small cities and an important rural component.



Supermarkets accounted for a larger share of total grocery store sales in SMSA's in this region than they did in either the Northeast or South. However supermarkets in the North Central region reported the least selling area per store of all the regions. These smaller supermarkets reported relatively high sales per square foot of selling area and high average sales per store.

The North Central region had the second highest average four-firm SMSA supermarket concentration ratio among the four regions. It also had the second highest average payroll expense per dollar of sales for supermarkets--second only to the West.

## West

The West is quite different from the other regions. Most of the States in the region have experienced rapid population growth. A large proportion of its population lives in metropolitan areas and a number of the larger cities are quite industrialized.

Grocery store concentration in SMSA's in the West has increased rapidly. Its SMSA's had the highest average four-firm grocery store concentration ratio in the Nation in 1972. However, it had the second lowest average four-firm supermarket concentration ratio of the four regions. SMSA's in the West had more chains than did SMSA's in any other region in 1972. This is consistent with its larger SMSA's. The number of chains among the top four firms in western SMSA's was about the same as the all-SMSA average.

The West had the largest supermarkets in the Nation, measured in terms of both sales and selling area per store. Sales per square foot of selling area, on the other hand, was slightly below the national average. Payroll expenses per dollar of sales were 8 percent higher than the U.S. average, and 19 percent higher than average in the South.

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Table 2--Grocery firms, stores, sales, payroll, and employment  
by sales size of firm, United States, 1972 1/

Firm sales size 2/	Firms	Stores 3/	Annual sales	Annual payroll		Employment 5/
				Amount	Per dollar sales 4/	
All firms	155,235	194,346	93,327,525	7,845,656	8.4	1,471,695
Annual sales of:						
\$100 million or more	86	24,621	45,719,038	4,154,305	9.1	664,650
\$50 million to \$99,999,000	52	3,227	(D)	(D)	(D)	(D)
\$25 million to \$49,999,000	90	1,745	3,147,722	287,453	9.1	49,581
\$20 million to \$24,999,000	41	688	(D)	(D)	(D)	(D)
\$15 million to \$19,999,000	60	749	1,066,219	99,151	9.3	18,624
\$10 million to \$14,999,000	131	1,104	1,624,563	153,385	9.4	28,139
\$5 million to \$9,999,000	541	2,470	3,759,188	350,534	9.3	67,646
\$1 million to \$4,999,000	6,333	10,076	12,336,003	1,107,960	9.0	222,191
\$500,000 to \$999,000	7,665	8,654	5,511,364	462,890	8.4	103,663
Less than \$500,000	149,236	141,012	15,447,515	815,714	5.3	239,689

1/ (D) denotes that data were suppressed by the Bureau of the Census to avoid disclosure of individual operations.

2/ Based on the total sales of all grocery stores operated by the firm.

3/ Number in business at the end of 1972.

4/ Includes establishments without payroll.

5/ Number of employees for the week of March 12, 1972.

Source: Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size (RC72-S-1). U.S. Gov. Print. Off., 1975.



Table 3--Supermarket firms, annual sales, stores, and average sales per store by sales size of firm, United States, 1972

Firm sales size 1/ (1,000 dollars)	Firms 2/				Annual sales 3/				Stores 4/				Average sales per store 5/ store 5/
	: Cumulative:		: Portion of all firms		: Cumulative:		: Portion of total sales		: Cumulative:		: Portion of all stores		
	: Number:		: Percent:		: Number:		: Percent:		: Number:		: Percent:		
	: number:	: age	: number:	: age	: number:	: age	: number:	: age	: number:	: age	: number:	: age	
	: number:	: age	: number:	: age	: number:	: age	: number:	: age	: number:	: age	: number:	: age	
	- Number -	- Percent -	- Percent -	- Percent -	- Number -	- Percent -	- Percent -	- Percent -	- Number -	- Percent -	- Percent -	- Percent -	1,000 dollars
1 million and over	10	10	0.1	0.1	23,836,539	35.7	35.7	35.7	9,499	9,499	35.7	35.7	2,422
500,000 - 999,999	10	20	.1	.2	6,726,195	10.1	45.8	45.8	1,964	11,463	7.4	43.1	3,331
200,000 - 499,999	24	44	.3	.5	6,992,186	10.5	56.3	56.3	1,946	13,409	7.3	50.4	3,520
100,000 - 199,999	35	79	.5	1.0	4,766,252	7.1	63.4	63.4	1,835	15,244	6.9	57.3	2,566
50,000 - 99,999	45	124	.6	1.6	3,320,992	5.0	68.4	68.4	1,178	16,422	4.4	61.7	2,686
25,000 - 49,999	84	208	1.2	2.8	2,992,147	4.5	72.9	72.9	1,090	17,512	4.1	65.8	2,626
20,000 - 24,999	34	242	.5	3.3	821,882	1.2	74.1	74.1	293	17,805	1.1	66.9	2,382
15,000 - 19,999	58	300	.8	4.1	1,012,547	1.5	75.6	75.6	429	18,234	1.6	68.5	2,250
10,000 - 14,999	110	410	1.5	5.6	1,378,019	2.1	77.7	77.7	485	18,719	1.8	70.3	2,783
5,000 - 9,999	483	893	6.7	12.3	3,353,931	5.0	82.7	82.7	1,150	19,869	4.3	74.6	2,726
Less than 5,000	6,272	7,165	87.5	99.8	11,491,170	17.2	99.9	99.9	6,748	26,617	25.4	100.0	1,588
Total	7,165	--	99.8	--	66,691,860	99.9	--	--	26,617	--	100.0	--	2,396

-- = Not applicable.

1/ Ranked by actual or annualized sales of all supermarkets defined as grocery stores with \$1 million or more in annual sales.

2/ Companies in business at the end of the year.

3/ Sales of stores in business all or part of the year.

4/ Stores in business at the end of the year.

5/ Average sales per store for stores open all or part of the year.

Source: Special tabulation by the Bureau of the Census.

Table 4--Grocery firms by size of firm, United States, census years 1948-72 <sup>1/</sup>

Firm size	:	1948	:	1954	:	1958	:	1963	:	1967	:	1972
	:		:		:		:		:		:	
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NA = Not available.

<sup>1/</sup> Prior to 1972, a firm's size was determined by the number of food stores and non-food establishments it operated whose principal source of receipts was from the sale of food items. In 1972, a firm's size was determined by the number of grocery stores it operated.

Sources: Years 1948, 1954, and 1958 from Bureau of the Census, Census of Business: 1958, Vol. 1, Retail Trade--Summary Statistics, 1961. Year 1963 from Bureau of the Census, Census of Business, 1963, Retail Trade: Single and Multiunits (BC63-RS4), 1965. Year 1967 from Bureau of the Census, Census of Business, 1967, Vol. 1, Retail Trade--Subject Reports, 1971. Year 1972 from Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size (RC72-S-1), 1975.

Table 5--Grocery stores by size of firm, United States, census years 1948-72 1/

Firm size	1948 <u>2/</u>	1954 <u>2/ 3/</u>	1958 <u>3/</u>	1963	1967	1972
	<u>Number of grocery stores</u>					
All firms:	377,939	279,440	259,796	244,838	218,130	194,346
Independent						
1 store	347,063	254,805	234,901	215,129	184,489	151,974
2-10 stores	8,326	7,730	7,272	8,420	7,344	8,808
Chain						
11-100 stores	5,084	4,601	4,764	5,584	6,642	9,387
101 or more stores	17,466	12,304	12,859	15,705	19,655	24,177
	<u>Percentage of grocery stores</u>					
All firms:	100.0	100.0	100.0	100.0	100.0	100.0
Independent						
1 store	91.8	91.2	90.4	87.9	84.6	78.2
2-10 stores	2.2	2.8	2.8	3.4	3.4	4.5
Chain						
11-100 stores	1.4	1.6	1.8	2.3	3.0	4.8
101 or more stores	4.6	4.4	5.0	6.4	9.0	12.4

1/ Prior to 1972, a firm's size was determined by the number of food stores and non-food establishments it operated whose principal source of receipts was from the sale of food items. In 1972, a firm's size was determined by the number of grocery stores it operated.

2/ Does not include delicatessens.

3/ May not include nonemployer establishments.

Sources: Years 1948, 1954, and 1958 from Bureau of the Census, Census of Business: 1958, Vol. 1, Retail Trade--Summary Statistics, 1961. Year 1963 from Bureau of the Census, Census of Business, 1963, Retail Trade: Single and Multiunits (BC63-RS4), 1965. Year 1967 from Bureau of the Census, Census of Business, 1967, Vol. 1, Retail Trade--Subject Reports, 1971. Year 1972 from Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size (RC72-S-1), 1975.

Table 6--Annual grocery store sales by size of firm, United States,  
census years 1948-72 1/

Firm size	:	1948	:	1954	:	1958	:	1963	:	1967	:	1972 <u>2/</u>
	:		:		:		:		:		:	
	:	<u>Annual sales (million dollars)</u>							:		:	
All firms:	:	24,770	:	34,421	:	43,696	:	52,566	:	65,074	:	91,574
Independent	:		:		:		:		:		:	
1 store	:	14,552	:	17,838	:	20,557	:	22,677	:	25,301	:	29,484
2-10 stores	:	1,686	:	3,030	:	3,926	:	5,168	:	6,337	:	9,892
Chain	:		:		:		:		:		:	
11-100 stores	:	1,744	:	3,416	:	5,108	:	6,603	:	9,937	:	15,905
101 or more stores	:	6,788	:	10,137	:	14,105	:	18,119	:	23,499	:	36,293
	:		:		:		:		:		:	
	:	<u>Percentage of total sales</u>							:		:	
All firms:	:	100.0	:	100.0	:	100.0	:	100.0	:	100.0	:	100.0
Independent	:		:		:		:		:		:	
1 store	:	58.8	:	51.8	:	47.0	:	43.1	:	38.9	:	32.2
2-10 stores	:	6.8	:	8.8	:	9.0	:	9.8	:	9.7	:	10.8
Chain	:		:		:		:		:		:	
11-100 stores	:	7.0	:	9.9	:	11.7	:	12.6	:	15.3	:	17.4
101 or more stores	:	27.4	:	29.5	:	32.3	:	34.5	:	36.1	:	39.6

1/ Prior to 1972, a firm's size was determined by the number of food stores and non-food establishments it operated whose principal source of receipts was from the sale of food items. In 1972, a firm's size was determined by the number of grocery stores it operated.

2/ Does not include reported sales of \$1,753,517,000 for grocery stores not in business at end of 1972.

Sources: Years 1948, 1954, and 1958 from Bureau of the Census, Census of Business: 1958, Vol. 1, Retail Trade--Summary Statistics, 1961. Year 1963 from Bureau of the Census, Census of Business, 1963, Retail Trade: Single and Multiunits (BC63-RS4), 1965. Year 1967 from Bureau of the Census, Census of Business, 1967, Vol. 1, Retail Trade--Subject Reports, 1971. Year 1972 from Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size (RC72-S-1), 1975.

Table 7--Annual payroll of grocery stores by size of firm, United States, census years 1948-72 <sup>1/</sup>

Firm size	1948	1954	1958	1963	1967	1972 <sup>2/</sup>
<u>Annual payroll (million dollars)</u>						
All firms:	1,258	2,035	2,649	3,693	4,897	7,731
Independent						
1 store	550	845	1,014	1,325	1,623	2,072
2-10 stores	132	236	280	424	542	917
Chain						
11-100 stores	130	257	372	520	791	1,396
101 or more stores	446	697	984	1,423	1,942	3,346
<u>Percentage of total payroll</u>						
All firms:	100.0	100.0	100.0	100.0	100.0	100.0
Independent						
1 store	43.7	41.5	38.3	35.9	33.1	26.8
2-10 stores	10.5	11.6	10.6	11.5	11.1	11.9
Chain						
11-100 stores	10.3	12.6	14.0	14.1	16.2	18.1
101 or more stores	35.5	34.3	37.1	38.5	39.6	43.3
<u>Payroll per dollar of sales (percent)</u>						
All firms <sup>3/</sup> :	5.1	5.9	6.1	7.0	7.5	8.7
Independent						
1 store	3.8	4.7	4.9	5.8	6.4	7.8
2-10 stores	7.8	7.8	7.1	8.2	8.6	9.3
Chain						
11-100 stores	7.4	7.5	7.3	7.9	8.0	8.8
101 or more stores	6.6	6.9	7.0	7.9	8.3	9.2

<sup>1/</sup> Prior to 1972, a firm's size was determined by the number of food stores and non-food establishments it operated whose principal source of receipts was from the sale of food items. In 1972, a firm's size was determined by the number of grocery stores it operated.

<sup>2/</sup> Does not include annual payroll of \$114,854,000 for grocery stores not in business at end of 1972.

<sup>3/</sup> Data for 1948, 1954, 1958, 1963, and 1967 were obtained using sales of all establishments including those without payroll. Data for 1972 are for establishments reporting payroll. Payroll per dollar of sales in 1972 including establishments without payroll were 8.4 percent and 7 percent for all firms and firms with one store, respectively.

Sources: Years 1948, 1954, and 1958 from Bureau of the Census, Census of Business: 1958, Vol. 1, Retail Trade--Summary Statistics, 1961. Year 1963 from Bureau of the Census, Census of Business, 1963, Retail Trade: Single and Multiunits (BC63-RS4), 1965. Year 1967 from Bureau of the Census, Census of Business, 1967, Vol. 1, Retail Trade--Subject Reports, 1971. Year 1972 from Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size (RC72-S-1), 1975.



Table 8--Grocery stores, sales, annual payroll, and employment by size of store,  
United States, 1972

Store size	Grocery stores	Annual sales	Annual payroll		Employees 2/ 2/
			Amount	Per dollar sales 1/	
	Number	- 1,000 dollars -		Percent	Number
All stores	3/ 215,805	93,327,525	7,845,656	8.4	1,471,695
Stores operated entire year	178,379	87,440,830	7,374,807	8.4	1,381,273
With annual sales of--					
\$5 million or more	1,687	11,792,582	1,032,624	8.8	171,931
\$2 million to \$4,999,000	11,333	33,982,394	3,038,829	8.9	498,697
\$1 million to \$1,999,000	11,974	17,365,359	1,603,767	9.2	283,164
\$500,000 to \$999,000	10,581	7,589,579	680,154	9.0	140,125
\$300,000 to \$499,000	11,625	4,420,733	343,903	7.8	85,924
\$100,000 to \$299,000	52,428	8,942,918	572,938	6.4	160,523
\$50,000 to \$99,000	29,799	2,144,224	75,038	3.5	27,359
\$30,000 to \$49,000	18,011	708,982	17,154	2.4	7,897
\$20,000 to \$29,000	12,833	301,107	6,974	2.3	4,350
\$10,000 to \$19,000	10,387	150,378	2,447	1.6	1,043
Less than \$10,000	7,671	42,574	979	2.3	260
With no paid employees	58,669	2,804,867	--	--	--
With paid employees 4/	119,710	84,635,963	7,374,807	8.7	1,381,273
100 employees or more	758	6,076,234	557,350	9.2	106,709
50 to 99 employees	4,415	18,007,310	1,633,790	9.1	290,008
20 to 49 employees	17,052	34,490,561	3,122,639	9.1	528,340
15 to 19 employees	5,914	6,119,222	560,642	9.2	99,920
10 to 14 employees	8,675	5,529,653	500,227	9.0	102,326
6 to 9 employees	13,214	4,582,316	377,295	8.2	95,484
2 to 5 employees	41,882	7,294,570	511,803	7.0	135,982
1 employee	22,504	1,958,227	78,504	4.0	22,504
No employees	5,296	577,870	32,557	5.6	--
Stores not operated entire year	37,426	5,886,695	470,849	8.0	90,422
In business at end of year	15,967	2,520,119	205,144	8.1	19,526
Not in business at end of year	21,459	3,366,576	265,705	7.9	70,896

-- = Not applicable.

1/ Includes establishments with annual sales of less than \$250,000 without payroll.

2/ Number of employees for the week including March 12, 1972.

3/ Includes establishments not in business at the end of 1972.

4/ Employment-size classes are based on number of paid employees for week including March 12.

Source: Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size, (RC72-S-1), U.S. Gov. Print. Off., 1975.

Table 9--Grocery stores and sales in SMSA's and the United States, census years 1954-72

Year	SMSA's	Grocery stores		SMSA's percentage of stores	Grocery store sales		SMSA's percentage of grocery sales
		United States	SMSA's		United States	SMSA's	
		Number	— — — —	Percent	— Million dollars —		Percent
1954 1/	212	279,440	141,902	50.8	34,421	22,398	65.1
1958 1/	215	259,796	136,024	52.4	43,696	29,363	67.2
1963 1/	218	244,838	124,539	50.9	52,566	35,748	68.0
1967	229	218,130	115,659	53.0	65,074	45,358	69.7
1972	263	194,346	113,045	58.2	93,328	68,697	73.6

1/ Includes SMSA's that were defined for use in special tabulations prepared for the National Commission on Food Marketing. See appendices A and B for SMSA definitions.

Sources: Tables 5 and 6 and special tabulations by the Bureau of the Census.

Table 10--Grocery stores by sales size, United States and all SMSA's, 1972

Stores and sales size	:	United States	:	SMSA's	:	Percentage of stores in SMSA's
	:		:		:	
	:	- -	:	Number <u>1</u> /	:	- - Percent
Supermarkets:	:		:		:	
\$2 million and over	:	13,020	:	10,577	:	81.2
\$1 million - \$1,999,999	:	11,974	:	7,896	:	65.9
Total supermarkets	:	24,994	:	18,473	:	73.9
Small stores:	:		:		:	
\$500,000 - \$999,999	:	10,581	:	5,994	:	56.6
Less than \$500,000	:	142,804	:	77,976	:	54.6
Total small stores	:	153,385	:	83,970	:	54.7
All stores	:	178,379	:	102,443	:	57.4

1/ Number in business the entire year.

Sources: Special tabulations by the Bureau of the Census; and Bureau of the Census, Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size, (RC72-S-1), Gov. Print. Off., 1975.

Table 11--Grocery stores operated by the four largest and all firms in SMSA's,  
by sales size, 1972

Store sales size	Grocery stores operated by--		Share of four largest firms
	All firms in SMSA's	Four largest firms in SMSA's	
	- - Number <u>1/</u> - -		Percent
Supermarkets:			
\$4 million and over	3,158	2,295	72.7
\$2 million - \$3,999,000	8,085	5,125	63.4
\$1 million - \$1,999,000	8,375	3,652	43.6
Total supermarkets	19,618	11,072	56.4
Small stores:			
\$500,000 - \$999,000	6,594	944	14.3
Less than \$500,000	86,833	1,049	1.2
Total small stores	93,427	1,993	2.1
All stores	113,045	13,065	11.6

1/ Number in business at the end of 1972.

Source: Special tabulations by the Bureau of the Census.

TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/

SMSA	4 LARGEST FIRMS					8 LARGEST FIRMS					20 LARGEST FIRMS				
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972

SEE FOOTNOTE AT END OF TABLE.

CONTINUED--



TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS						
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	PERCENT														
BRYAN-COLLEGE STA TX:	NA	NA	NA	57.9	NA	NA	NA	58.7	NA	NA	77.2	NA	NA	NA	87.1
BUFFALO NY:	59.8	46.9	41.0	38.2	62.0	58.7	53.7	51.7	49.9	65.3	63.3	63.1	62.9	61.4	61.4
BURLINGTON NC:	NA	NA	NA	54.8	NA	NA	NA	NA	73.1	NA	NA	NA	NA	83.9	83.9
CANTON OH:	30.0	39.2	33.5	33.7	42.2	53.5	52.0	48.1	53.9	59.6	65.7	69.2	74.5	80.4	80.4
CEDAR RAPIDS IA:	45.1	55.9	63.9	80.7	57.4	75.1	78.0	86.2	90.0	67.9	83.8	87.5	93.2	96.5	96.5
CHAMPAIGN-URBANA-IL:	58.2	61.0	50.5	66.1	66.8	71.9	65.6	67.4	80.7	77.1	87.4	87.4	89.9	95.3	95.3
CHARLESTON SC:	28.8	35.6	33.7	26.3	45.4	51.7	50.9	53.7	48.1	58.5	64.8	71.9	73.6	72.9	71.6
CHARLESTON WV:	54.4	56.8	51.9	51.1	58.4	65.5	63.9	59.6	57.6	64.8	71.9	73.6	72.9	71.3	71.3
CHARLOTTE-GASTON NC:	50.1	58.4	49.7	48.6	58.2	65.9	67.6	68.5	65.6	66.6	72.9	75.1	76.2	77.7	77.7
CHATTANOOGA TN:	38.2	35.6	43.8	43.9	51.1	47.6	54.9	58.6	55.1	61.4	57.7	69.6	73.1	72.3	72.3
CHICAGO IL:	47.7	51.9	53.6	57.2	56.2	59.3	61.4	63.0	66.4	58.5	62.7	65.5	68.0	70.6	70.6
CINCINNATI OH:	49.7	51.4	46.7	49.9	51.7	53.9	53.0	56.2	63.3	54.9	58.4	59.2	65.8	70.4	70.4
CLEVELAND OH:	51.1	53.0	58.4	51.9	57.1	61.6	61.8	68.1	65.8	60.8	66.8	67.6	73.3	72.3	72.3
COLORADO SPRINGS CO:	58.1	66.2	69.8	64.3	71.3	80.8	88.7	83.3	85.6	82.4	89.8	96.2	95.4	96.3	96.3
COLUMBIA MO:	NA	NA	NA	45.7	NA	NA	NA	NA	68.5	88.5	NA	NA	NA	95.2	95.2
COLUMBIA SC:	49.1	47.7	51.4	42.9	58.1	53.7	57.2	54.7	53.7	69.0	63.4	67.3	67.2	73.4	73.4
COLUMBUS GA:	36.4	41.3	37.3	32.6	48.5	50.3	51.2	45.2	46.1	59.4	62.7	67.4	62.2	69.8	69.8
COLUMBUS OH:	54.9	56.9	53.2	50.7	58.6	61.9	59.6	66.4	67.7	62.9	69.1	67.5	73.6	74.2	74.2
CORPUS CHRISTI TX:	42.9	51.8	53.4	54.3	51.0	63.2	69.7	61.9	67.3	61.4	75.6	83.3	80.0	81.1	81.1
DALLAS TX:	53.1	47.1	45.7	41.9	63.4	58.3	61.4	60.5	65.6	67.6	66.2	69.9	72.2	74.6	74.6
DALLAS-FT WORTH TX:	NA	NA	NA	46.6	NA	NA	NA	NA	76.7	NA	NA	NA	NA	91.6	91.6
DANBURY CT:	NA	NA	NA	55.3	NA	NA	NA	NA	80.6	67.4	72.6	76.3	80.9	88.4	88.4
DAVENPORT-ROCK IS IA:	50.2	55.1	54.1	67.0	58.5	63.3	65.1	71.4	51.4	63.6	63.8	61.3	60.8	71.0	71.0
DAYTON OH:	45.9	45.2	43.2	40.9	56.7	54.9	51.0	46.2	77.8	77.8	NA	NA	NA	86.7	86.7
DAYTONA BEACH FL:	NA	NA	NA	65.4	NA	NA	NA	NA	87.7	79.0	85.6	87.7	90.1	96.8	96.8
DECATUR IL:	54.2	64.5	63.2	73.6	67.6	74.6	75.6	76.5	77.9	77.9	77.9	81.3	84.2	91.9	91.9
DENVER-Boulder CO:	67.1	66.9	70.4	80.5	72.9	72.3	75.7	74.9	88.3	77.9	77.9	81.3	80.4	89.4	89.4
DES MOINES IA:	36.9	41.4	33.9	69.4	44.8	51.3	49.3	59.1	81.3	56.0	66.3	71.3	80.4	89.4	89.4
DETROIT MI:	38.5	49.9	52.1	49.8	45.5	57.9	62.1	69.8	(D)	50.5	62.3	66.6	73.3	75.0	75.0
DUBUQUE IA:	43.8	54.7	65.5	57.7	54.0	65.5	75.2	74.3	87.9	66.9	79.2	88.0	86.5	95.4	95.4
DULUTH-SUPERIOR MN:	28.1	33.4	34.5	43.2	33.9	39.4	44.8	47.0	55.8	44.3	51.8	60.8	65.6	72.9	72.9
DURHAM NC:	48.9	55.9	64.3	45.1	59.0	64.6	69.8	48.7	*	70.0	75.3	78.3	54.9	81.3	81.3
EL PASO TX:	53.9	53.5	53.0	54.1	60.4	63.0	61.7	59.7	66.0	70.6	76.1	75.9	78.1	89.1	89.1
ELMIRA NY:	NA	NA	NA	46.5	NA	NA	NA	NA	73.9	NA	NA	NA	NA	75.3	75.3
ERIE PA:	52.0	58.2	49.3	43.9	58.9	63.3	57.9	58.2	58.0	66.8	71.3	71.0	72.6	76.9	76.9
EUGENE-SPRINGFIELD OR:	39.0	54.7	64.9	46.9	50.7	63.6	76.1	67.5	58.0	64.1	74.7	87.5	79.7	76.9	76.9

CONTINUED---

SEE FOOTNOTE AT END OF TABLE.

TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, 1979, AND 1982, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS						
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
EVANSVILLE IN:	42.4	43.8	42.7	40.1	41.4	54.4	55.5	55.0	62.6	53.5	64.6	70.6	71.9	80.7	71.4
FALL RIVER MA:	53.7	54.6	56.4	61.2	57.9	59.2	68.6	67.8	76.3	(D)	67.8	75.6	76.6	87.1	90.7
FARGO-MOORHEAD ND:	42.1	44.1	49.9	55.2	53.6	53.8	60.9	65.2	72.2	71.3	65.6	74.9	78.9	84.7	87.3
FAYETTEVILLE NC:	NA	NA	NA	56.4	48.9	NA	NA	NA	63.4	64.2	NA	NA	NA	73.8	77.0
FAYETTEVILLE-SPRING AR:	NA	NA	NA	NA	42.2	NA	NA	NA	NA	(D)	NA	NA	NA	NA	79.4
FITCHBURG-LEOMINSTER MA:	NA	41.6	37.1	42.4	44.4	NA	66.7	58.9	67.4	65.9	NA	81.8	82.6	89.5	91.5
FLINT MI:	43.4	53.6	53.1	60.6	45.5	50.6	62.4	63.4	67.6	61.8	60.0	71.9	72.6	77.4	75.7
FLORENCE AL:	NA	NA	NA	NA	41.4	NA	NA	NA	NA	59.8	NA	NA	NA	NA	73.2
FORT LAUDERDALE-HIGHLAND FL:	72.3	70.5	65.5	68.6	69.4	78.8	78.7	79.7	81.0	(D)	84.2	87.5	88.9	89.0	91.2
FORT MYERS FL:	NA	NA	NA	NA	62.8	NA	NA	NA	NA	76.4	NA	NA	NA	NA	88.7
FORT SMITH AR:	39.1	48.3	34.6	43.8	39.5	56.4	65.6	47.4	55.5	49.0	75.4	80.5	63.9	66.1	65.3
FORT WAYNE IN:	55.0	60.8	52.8	62.9	56.5	63.7	81.8	72.5	83.5	72.3	71.3	88.3	79.7	93.3	86.5
FORT WORTH TX:	49.6	46.4	37.1	60.0	*	59.7	55.4	49.5	69.6	*	69.9	68.8	72.9	78.6	*
FRESNO CA:	22.7	27.7	23.5	24.6	27.2	33.4	37.1	37.2	36.7	38.3	46.1	51.8	55.6	54.4	57.5
GADSDEN AL:	35.8	44.6	37.5	38.9	44.8	41.8	55.9	51.3	55.1	61.9	51.7	68.5	65.2	70.3	80.1
GAINESVILLE FL:	NA	NA	NA	NA	61.8	NA	NA	NA	NA	75.7	NA	NA	NA	NA	89.4
GALVESTON-TEXAS CITY TX:	27.0	34.2	40.3	37.7	44.2	39.9	46.9	51.9	51.2	53.1	59.3	68.0	70.8	71.8	73.2
GARY-HAMMOND-EAST IN:	38.9	34.4	29.3	33.9	35.8	43.7	43.4	47.8	52.3	57.4	53.0	59.0	68.2	73.7	76.5
GRAND RAPIDS MI:	40.3	44.9	44.0	52.0	67.8	46.8	52.0	56.3	62.5	74.4	55.9	61.8	65.4	74.3	82.5
GREAT FALLS MT:	48.4	63.0	75.6	69.1	67.6	60.4	71.3	82.6	80.2	82.1	79.0	82.4	92.6	90.6	93.5
GREEN BAY WI:	45.2	50.1	56.5	57.6	67.2	59.9	67.5	68.0	68.3	76.5	72.3	82.0	84.3	86.7	92.5
GREENSBORO-HIGH POINT NC:	45.8	45.8	48.4	*	NA	50.6	53.3	60.3	*	NA	59.0	63.1	69.1	*	NA
GREENSBORO-WINSTON-SALEM NC:	NA	NA	NA	37.9	36.5	NA	NA	NA	54.4	52.7	NA	NA	NA	65.5	67.5
GREENVILLE-SPARTANBURG SC:	49.1	57.7	55.6	57.9	63.4	57.4	68.8	67.3	70.3	72.8	66.3	78.3	77.2	80.3	80.5
HAMILTON-MIDDLETON OH:	37.6	55.0	50.5	46.6	51.6	45.1	62.8	66.2	63.9	69.5	54.4	72.2	76.7	79.0	82.7
HARRISBURG PA:	49.7	48.1	50.9	56.0	51.1	56.2	58.6	60.5	68.5	64.9	62.4	69.6	71.2	78.2	77.6
HARTFORD CT:	(D)	48.6	48.4	47.9	40.9	56.2	60.7	63.8	63.6	54.0	64.7	68.6	72.6	75.3	69.6
HONOLULU HI:	29.7	37.8	44.3	48.5	53.6	36.8	49.1	55.6	65.7	67.8	47.9	61.8	67.4	75.1	81.0
HOUSTON TX:	35.5	33.2	35.1	32.2	34.7	42.3	41.5	42.3	42.0	44.3	49.4	49.3	49.8	52.0	58.7
HUNTINGTON-ASHLAND WV:	37.2	47.5	38.8	32.0	29.2	44.1	53.6	46.6	44.9	41.8	53.2	62.9	58.5	60.2	58.9
HUNTSVILLE AL:	30.8	34.3	49.9	55.4	48.6	42.4	50.1	58.6	66.1	61.1	53.0	64.7	70.1	78.4	74.2
INDIANAPOLIS IN:	48.5	55.6	60.0	59.3	52.7	56.8	64.5	64.1	69.4	68.5	65.7	71.0	70.8	78.8	79.9
JACKSON MI:	46.8	54.0	52.5	56.8	63.0	53.4	65.2	65.1	74.5	68.5	64.1	76.2	77.8	85.3	88.3
JACKSON MS:	51.5	48.9	55.9	51.8	55.9	60.8	64.6	66.0	65.3	69.1	67.9	73.9	75.8	75.5	78.8
JACKSONVILLE FL:	52.0	62.7	61.3	61.0	56.2	67.5	75.5	74.9	78.8	74.7	78.0	81.2	82.2	85.2	82.2
JERSEY CITY NJ:	54.3	52.0	44.3	43.2	44.2	60.8	59.0	54.8	58.6	61.6	66.4	64.4	66.9	73.3	74.9

SEE FOOTNOTE AT END OF TABLE.

CONTINUED--

TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967,  
AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS					8 LARGEST FIRMS					20 LARGEST FIRMS				
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
JOHNSTOWN PA:	(D)	55.8	56.8	56.3	53.4	52.5	60.7	63.9	64.3	64.6	58.4	68.0	71.2	74.4	75.5
KALAMAZOO-PORTAGE MI:	33.4	41.9	56.7	72.2	64.9	45.8	59.6	70.6	87.1	78.5	63.0	74.8	82.8	93.3	89.7
KANSAS CITY MO:	48.1	49.8	49.1	41.8	49.3	52.7	57.3	55.4	49.6	56.7	59.6	66.1	65.0	63.5	68.4
KENOSHA WI:	45.3	44.6	44.1	46.5	54.5	54.0	58.3	58.8	67.0	73.7	64.0	73.8	70.1	82.6	85.9
KILLEEN-TEMPLE TX:	NA	NA	NA	NA	40.1	NA	NA	NA	NA	56.8	NA	NA	NA	NA	75.8
KINGSFORD-BRISTOL TN:	NA	NA	NA	NA	35.6	NA	NA	NA	NA	49.3	NA	NA	NA	NA	67.7
KNOXVILLE TN:	48.3	55.5	60.1	56.2	53.9	54.2	59.4	65.4	63.8	(D)	61.3	65.5	72.6	72.9	70.5
LA CROSSE WI:	NA	NA	NA	NA	47.7	NA	NA	NA	NA	68.1	NA	NA	NA	NA	87.2
LAFAYETTE LA:	38.1	52.2	55.7	52.3	41.0	45.4	59.3	63.2	62.3	61.0	58.6	70.7	76.3	73.4	(D)
LAFAYETTE-WEST LA IN:	NA	NA	NA	56.9	72.1	NA	NA	NA	86.4	(D)	NA	NA	NA	96.6	98.6
LAKE CHARLES LA:	33.4	44.9	41.7	50.8	45.0	42.7	56.7	56.8	65.6	62.2	55.9	69.4	71.2	78.7	78.2
LAKELAND-WINTER H FL:	NA	NA	NA	NA	57.5	NA	NA	NA	NA	70.7	NA	NA	NA	NA	81.9
LANCASTER PA:	42.4	45.7	48.1	49.2	45.8	48.3	52.2	55.0	56.3	55.8	56.9	62.3	64.4	68.2	70.6
LANSING-EAST LANS MI:	48.2	36.1	32.1	41.1	42.8	56.5	48.4	47.3	55.0	59.7	66.2	62.9	61.5	68.2	74.2
LAREDO TX:	48.5	48.8	45.1	53.4	56.6	65.0	63.2	60.5	71.3	73.9	81.5	81.6	81.6	87.6	(D)
LAS VEGAS NV:	46.4	46.6	52.8	61.2	57.5	62.6	64.5	71.8	83.6	81.6	85.9	86.6	90.1	94.2	93.3
LAWRENCE-HAVERHIL MA:	43.0	46.6	43.0	51.7	55.7	52.4	55.2	60.1	64.1	69.8	61.1	67.0	75.1	80.7	85.7
LAWTON OK:	54.0	48.9	50.0	52.0	58.9	60.9	62.0	64.3	68.0	73.7	73.3	78.6	82.9	87.2	87.3
LEWISTON-AUBURN ME:	NA	30.8	33.0	38.9	60.1	NA	46.8	50.8	56.3	69.9	NA	62.9	69.7	74.3	81.9
LEXINGTON KY:	47.1	54.9	61.2	59.0	60.4	54.2	64.1	70.6	72.8	70.5	68.5	77.1	81.7	82.3	78.6
LIMA OH:	50.4	52.2	72.1	56.4	52.1	60.8	68.1	80.3	65.4	63.4	71.6	78.9	87.6	79.4	78.0
LINCOLN NE:	44.2	50.8	54.2	51.9	57.3	54.1	62.6	66.7	62.7	72.4	70.5	79.0	83.9	81.4	(D)
LITTLE ROCK-NORTH AR:	51.4	(D)	55.1	62.7	61.8	54.9	59.3	62.1	67.3	67.2	60.8	66.4	70.0	75.4	77.3
LONG BRANCH-ASBURY NJ:	NA	NA	NA	NA	53.4	NA	NA	NA	NA	73.2	NA	NA	NA	NA	89.8
LORAIN-ELYRIA OH:	44.5	54.6	53.9	45.6	42.5	53.5	62.4	62.8	61.2	64.8	63.6	72.4	74.3	78.7	83.1
LOS ANGELES-LONG CA:	29.6	24.6	30.3	28.5	35.6	46.6	39.6	43.1	46.3	53.8	53.0	54.8	60.5	67.8	71.9
LOUISVILLE KY:	51.2	57.7	60.3	55.8	54.8	55.1	62.2	65.0	62.1	61.3	59.7	67.5	71.3	69.5	68.4
LOWELL MA:	40.0	38.8	37.2	58.5	71.6	52.0	58.6	58.8	71.7	81.5	64.8	72.4	77.8	86.4	89.5
LUBBOCK TX:	58.0	60.1	62.7	64.5	69.4	62.8	65.8	71.0	77.2	81.9	71.5	75.1	81.7	86.4	89.9
LYNCHBURG VA:	38.7	39.5	40.9	39.4	40.9	43.6	49.0	51.4	53.6	56.8	54.2	60.8	63.8	69.3	73.3
MACON GA:	38.0	43.1	47.6	48.8	50.3	53.2	58.0	62.8	65.2	63.8	66.3	71.2	76.1	78.9	78.0
MADISON WI:	41.5	43.2	40.6	42.4	47.4	52.6	54.6	55.9	52.9	62.5	62.6	66.4	70.1	77.4	77.4
MANCHESTER NH:	41.6	46.4	43.7	47.1	33.5	51.1	54.4	61.4	60.0	52.0	61.4	66.8	73.3	75.0	73.3
MANSFIELD OH:	NA	NA	NA	54.6	50.8	NA	NA	NA	70.7	73.9	NA	NA	NA	87.9	91.7
MCCALLEN-PHARR-EDI TX:	NA	NA	NA	37.9	41.7	NA	NA	NA	46.1	50.4	NA	NA	NA	61.8	65.8
MELBOURNE-TITUSVILLE FL:	NA	NA	NA	NA	79.0	NA	NA	NA	NA	89.4	NA	NA	NA	NA	94.8

CONTINUED--

SEE FOOTNOTE AT END OF TABLE.

TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS						
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	PERCENT														
MEMPHIS	TN: 23.1	32.7	28.9	35.9	41.4	30.8	40.0	42.8	49.3	54.5	40.2	50.3	55.9	59.6	64.2
MERIDEN	CT: 57.4	60.8	67.1	68.2	67.5	65.9	70.9	78.9	79.6	86.3	80.0	84.0	91.2	91.8	94.2
MIAMI	FL: 55.5	62.6	53.3	60.5	62.8	69.4	73.0	73.6	74.1	72.3	76.7	79.3	80.2	80.6	78.1
MIDLAND	TX: 51.0	49.9	56.5	50.6	63.6	66.2	66.4	66.9	66.3	78.8	89.3	89.6	85.8	88.1	90.8
MILWAUKEE	WI: 42.6	46.7	39.9	31.6	57.5	47.5	51.7	47.3	41.6	66.9	55.3	60.6	56.6	52.5	73.5
MINNEAPOLIS-ST PA	MN: 31.4	38.5	39.3	43.7	42.4	38.1	44.3	48.7	54.3	55.4	46.9	52.6	60.7	63.7	65.4
MOBILE	AL: 43.6	48.0	46.2	50.6	42.0	56.8	59.2	61.7	66.3	62.1	66.1	73.7	72.8	78.6	74.9
MODESTO	CA: NA	NA	NA	NA	42.5	NA	NA	NA	NA	58.9	NA	NA	NA	NA	79.2
MONROE	LA: 37.5	39.1	55.0	51.0	46.6	52.4	52.1	69.7	65.0	68.3	64.8	68.4	84.1	78.7	86.5
MONTGOMERY	AL: 49.9	62.5	53.7	55.8	56.0	58.8	68.4	63.7	68.2	70.2	67.0	75.9	73.2	78.2	82.0
MUNCIE	IN: 39.4	60.4	44.6	61.0	68.2	55.4	71.5	65.5	77.1	84.3	75.4	85.1	85.8	93.5	94.6
MUSKEGON-MUSKEGON	MI: 40.1	47.5	49.7	60.2	56.6	47.7	56.3	59.3	69.5	67.2	58.1	67.5	72.2	81.2	81.4
NASHUA	NH: NA	NA	NA	NA	51.8	NA	NA	NA	NA	70.2	NA	NA	NA	NA	87.9
NASHVILLE-DAVIDSON	TN: 50.4	59.0	52.1	58.2	47.5	59.2	67.1	56.2	62.2	52.3	66.8	74.0	62.4	69.2	60.6
NASSAU-SUFFOLK	NY: NA	NA	NA	NA	45.7	NA	NA	NA	NA	70.8	NA	NA	NA	NA	82.7
NEW BEDFORD	MA: 38.4	44.0	40.5	51.5	60.2	54.5	59.9	63.9	71.9	(D)	66.7	69.8	74.5	81.1	87.5
NEW BRITAIN	CT: 51.8	46.4	50.6	47.8	44.2	59.9	60.3	71.1	68.9	66.6	69.1	74.0	84.4	85.1	89.7
NEW BRUNSWICK-PERKINS	NJ: NA	NA	NA	NA	45.9	NA	NA	NA	NA	64.8	NA	NA	NA	NA	85.4
NEW HAVEN-WEST HARTFORD	CT: 38.4	44.0	48.2	54.4	51.3	47.1	52.9	60.8	66.4	64.9	56.2	64.5	71.3	76.2	76.6
NEW LONDON-NORWICH	CT: NA	NA	53.8	58.1	51.3	NA	NA	66.3	74.6	70.5	NA	NA	77.8	85.0	87.7
NEW ORLEANS	LA: 36.0	44.8	52.0	54.4	59.6	41.7	55.2	58.6	61.6	67.1	50.5	64.2	67.5	71.4	75.2
NEW YORK	NY: 41.1	36.7	34.5	33.0	30.9	47.6	45.4	47.6	45.6	45.6	54.7	54.4	56.9	58.7	56.7
NEWARK	NJ: 52.8	47.9	40.2	42.5	44.2	60.1	56.4	51.5	57.7	57.6	66.1	65.8	65.1	72.0	73.5
NEWPORT NEWS-PAMP	VA: 62.0	63.6	60.1	60.5	56.7	70.2	76.4	76.2	82.0	78.4	77.3	84.3	88.5	92.7	90.2
NORFOLK-VIRGINIA	VA: 48.7	39.1	46.1	51.6	49.8	55.5	49.8	56.3	67.3	67.6	63.9	65.6	71.6	83.4	84.3
NORTHEAST PENNSYLVANIA	PA: NA	NA	NA	NA	53.0	NA	NA	NA	NA	62.0	NA	NA	NA	*	70.1
NORWALK	CT: NA	NA	65.0	59.4	56.9	NA	NA	77.8	79.8	78.6	*	NA	87.5	90.5	88.3
ODESSA	TX: 50.2	49.8	51.8	52.1	47.2	68.5	66.9	71.6	77.4	75.8	86.3	82.4	92.3	90.8	92.1
ODEN	UT: 52.0	61.5	60.2	(D)	*	65.8	72.1	78.8	(D)	*	80.7	86.0	90.5	(D)	*
OKLAHOMA CITY	OK: 40.3	40.0	40.2	38.8	35.8	45.5	46.7	46.9	46.7	44.6	56.7	59.1	58.9	60.3	58.0
OMAHA	NE: 38.9	45.1	53.5	55.7	62.0	43.9	51.7	61.7	69.7	73.0	54.1	62.8	71.1	80.4	84.0
ORLANDO	FL: 63.2	62.5	63.8	61.0	65.7	68.1	70.6	75.6	76.2	80.5	76.1	79.0	83.8	86.8	89.4
OWENSBORO	KY: NA	NA	NA	NA	54.8	NA	NA	NA	NA	72.7	NA	NA	NA	NA	87.5
OXNARD-SIMI VALLE	CA: NA	NA	NA	46.4	46.4	NA	NA	NA	62.8	68.4	NA	NA	NA	82.1	85.8
PARKERSBURG-MARIETTA	WV: NA	NA	NA	NA	45.6	NA	NA	NA	NA	62.4	NA	NA	NA	NA	82.0
PATERSON-CLIFTON	NJ: 64.2	60.6	48.6	51.1	46.6	68.4	66.9	59.3	61.5	63.2	73.8	73.6	71.9	77.0	87.5

CONTINUED--

SEE FOOTNOTE AT END OF TABLE.

TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS						
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
PENSACOLA	37.4	49.7	43.1	42.7	40.4	48.3	60.5	59.7	58.3	64.8	60.5	72.6	76.7	76.5	82.1
PEORIA	38.4	45.8	37.9	36.2	36.7	45.6	52.8	52.8	51.4	55.9	57.5	66.5	67.7	67.9	72.9
PETERSBURG-COLONI	NA	NA	NA	NA	50.2	NA	NA	NA	NA	68.0	NA	NA	NA	NA	83.4
PHILADELPHIA	52.6	60.3	60.7	59.8	54.1	56.9	63.3	63.7	67.4	64.6	59.0	65.9	67.1	71.7	71.7
PHOENIX	45.4	46.1	46.6	39.8	47.9	50.9	57.9	63.5	62.7	72.2	60.6	70.1	78.0	83.8	86.7
PINE BLUFF	39.7	48.7	43.5	58.6	58.0	51.2	60.7	54.6	67.5	67.4	63.9	73.4	71.9	79.4	81.7
PITTSBURGH	45.0	53.2	51.7	45.0	43.4	50.6	60.9	59.7	54.0	49.5	55.6	66.7	65.0	60.8	57.1
PITTSFIELD	57.5	61.3	69.7	66.7	61.9	67.1	73.1	81.0	83.0	82.0	79.6	84.2	90.0	92.3	92.0
PORTLAND	43.1	41.2	44.0	40.1	50.1	49.6	53.6	56.8	57.1	62.9	60.5	67.1	73.0	75.2	77.2
PORTLAND	39.6	43.1	35.3	40.7	53.7	45.8	48.7	48.5	55.6	63.5	55.1	57.1	58.4	66.4	74.9
POUGHKEEPSIE	NA	NA	NA	NA	73.0	NA	NA	NA	NA	84.9	NA	NA	NA	NA	90.9
PROVIDENCE-WARWIC	48.7	48.9	50.9	58.5	59.1	54.0	58.5	65.9	74.9	75.9	60.3	67.2	72.2	80.5	83.7
PROVO-CREM	40.6	39.4	49.8	50.3	51.3	52.0	52.4	62.7	69.1	73.5	70.8	73.3	82.8	87.5	90.2
PUEBLO	50.1	53.4	62.0	60.2	70.3	60.1	66.4	75.1	75.6	86.2	74.1	82.0	86.0	90.8	95.3
RACINE	38.5	51.2	52.9	43.0	51.9	50.0	63.2	64.9	62.0	69.3	62.2	77.4	77.1	81.0	87.1
RALEIGH	47.9	56.8	58.8	61.1	*	54.2	64.0	62.6	65.6	*	63.3	72.8	69.7	73.5	*
RALEIGH-DURHAM	NA	NA	NA	*	63.5	NA	NA	NA	*	68.7	NA	NA	NA	*	74.7
READING	46.9	44.8	48.0	46.7	42.5	55.2	53.4	60.3	57.6	58.2	63.4	64.7	70.3	70.8	73.5
RENO	48.2	54.4	65.6	76.1	59.7	63.2	72.5	79.4	89.9	(D)	83.4	88.2	92.9	96.5	94.0
RICHLAND-KINNEWIC	NA	NA	NA	NA	57.1	NA	NA	NA	NA	(D)	NA	NA	NA	NA	92.6
RICHMOND	50.5	47.9	49.9	50.4	45.2	57.9	57.7	60.4	62.2	65.9	65.2	69.7	72.4	77.8	81.1
RIVERSIDE-SAN BER	29.8	37.2	38.1	41.6	45.5	36.9	46.5	55.9	62.2	62.4	52.8	59.0	68.3	71.2	74.4
ROANOKE	58.8	62.7	66.8	69.2	62.9	63.6	68.6	75.8	78.6	73.1	72.0	76.9	82.2	86.1	83.4
ROCHESTER	NA	NA	NA	NA	76.6	NA	NA	NA	NA	91.3	NA	NA	NA	NA	98.2
ROCHESTER	58.4	65.7	55.5	56.2	59.3	62.0	69.2	61.9	64.2	67.7	66.0	73.5	67.6	72.0	74.6
ROCKFORD	43.9	50.8	41.0	42.1	50.7	52.2	60.1	57.4	64.2	66.8	62.6	74.0	76.6	82.4	85.5
SACRAMENTO	45.1	44.5	36.3	40.1	48.5	60.6	51.3	47.4	58.4	66.0	72.9	63.2	65.1	72.2	78.7
SAGINAW	29.9	37.0	46.9	51.3	58.3	36.6	50.2	58.0	64.0	69.0	47.9	61.5	68.8	76.1	79.3
ST CLOUD	NA	NA	NA	NA	40.6	NA	NA	NA	NA	58.8	NA	NA	NA	NA	81.9
ST JOSEPH	42.7	45.8	51.7	50.6	51.2	53.0	61.2	69.4	70.8	73.7	66.8	76.5	83.6	87.0	91.2
ST LOUIS	34.6	42.7	42.9	39.3	46.2	44.7	49.1	50.6	51.3	53.1	49.3	54.2	56.8	59.9	63.2
SALEM	OR:	NA	NA	50.2	53.4	NA	NA	NA	63.2	64.4	NA	NA	NA	79.4	82.7
SALINAS-SEASIDE-M	CA:	NA	NA	42.4	47.4	NA	NA	NA	56.9	57.4	NA	NA	NA	70.4	71.1
SALT LAKE CITY	UT:	37.4	42.2	54.5	*	44.6	50.3	56.8	64.5	*	56.3	62.6	67.3	74.1	*
SALT LAKE CITY-OG	UT:	NA	NA	*	59.2	NA	NA	NA	NA	66.4	NA	NA	NA	NA	82.5
SAN ANGELO	TX:	65.5	66.3	59.8	56.2	58.6	75.2	71.0	74.3	75.8	83.3	87.6	83.5	90.4	89.5

CONTINUED--

SEE FOOTNOTE AT END OF TABLE.

TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS					8 LARGEST FIRMS					20 LARGEST FIRMS				
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	PERCENT														
	TX:	50.0	47.9	54.4	53.5	55.1	55.3	55.3	61.9	61.8	66.1	60.5	66.1	69.9	78.4
	SAN ANTONIO														
	CA:	41.1	40.6	52.5	51.0	55.2	49.0	50.5	64.0	67.7	75.1	58.1	61.5	72.7	76.8
	SAN DIEGO														
	CA:	27.1	28.6	33.0	40.4	46.9	33.5	35.3	43.7	49.3	56.3	40.8	44.5	55.2	62.6
	SAN FRANCISCO-OAK														
	CA:	28.4	30.7	33.9	37.8	46.0	37.3	40.4	43.7	49.6	60.3	52.4	55.9	59.2	66.3
	SAN JOSE														
	CA:	28.4	30.7	33.9	37.8	46.0	37.3	40.4	43.7	49.6	60.3	52.4	55.9	59.2	66.3
	SANTA BARBARA-SAN														
	CA:	47.0	45.7	52.6	60.0	62.0	57.2	56.9	64.2	72.0	74.8	69.8	74.9	80.8	85.3
	SANTA CRUZ														
	CA:	NA	NA	NA	NA	49.5	NA	NA	NA	NA	61.7	NA	NA	NA	82.2
	SANTA ROSA														
	CA:	NA	NA	NA	NA	51.7	NA	NA	NA	NA	62.9	NA	NA	NA	76.7
	SARASOTA														
	FL:	NA	NA	NA	NA	73.2	NA	NA	NA	NA	84.7	NA	NA	NA	96.3
	SAVANNAH														
	GA:	33.7	32.1	34.7	41.2	42.3	46.9	48.1	52.6	55.4	56.0	61.3	65.5	74.3	74.4
	SCRANTON														
	PA:	50.2	47.6	50.6	55.2	*	53.7	62.3	61.6	67.2	*	58.8	69.4	69.0	75.1
	SEATTLE-EVERETT														
	WA:	39.7	38.4	41.1	41.5	49.0	45.1	46.4	51.8	56.0	62.2	52.6	54.9	61.0	74.4
	SHERMAN-DENISON														
	TX:	NA	NA	NA	50.5	57.7	NA	NA	NA	64.0	(D)	NA	NA	76.4	(D)
	SHREVEPORT														
	LA:	48.6	57.1	54.4	51.8	45.5	52.7	62.2	64.6	64.8	62.3	59.6	70.7	75.6	73.8
	SIoux CITY														
	IA:	42.7	46.3	44.1	49.3	45.9	58.9	60.0	56.2	65.0	64.8	68.9	74.8	75.3	81.4
	SIoux FALLS														
	SD:	67.2	62.3	70.9	72.3	79.4	73.8	72.7	80.9	84.8	87.2	85.6	86.7	94.7	97.0
	SOUTH BEND														
	IN:	41.2	46.6	44.4	46.7	47.3	47.3	56.3	58.8	59.3	60.4	55.6	67.4	76.1	74.8
	SPOKANE														
	WA:	38.4	47.0	54.7	56.3	62.4	51.1	59.1	65.4	68.1	70.3	65.1	70.1	75.6	82.6
	SPRINGFIELD														
	IL:	46.5	51.7	47.2	49.4	55.6	54.9	63.7	62.6	68.6	71.8	64.7	75.9	78.0	85.2
	SPRINGFIELD														
	MO:	46.3	50.4	54.8	60.5	58.8	57.6	62.4	69.1	78.0	75.3	69.2	73.6	82.4	87.3
	SPRINGFIELD														
	OH:	50.5	58.9	49.6	56.6	44.2	63.7	69.9	63.6	74.1	62.3	72.9	79.6	79.7	89.2
	SPRINGFIELD-CHICO														
	MA:	45.2	45.4	43.5	44.4	47.0	54.1	59.2	63.2	66.7	65.8	62.4	70.0	72.7	77.6
	STAMFORD														
	CT:	53.8	59.9	45.9	46.2	43.4	65.0	73.8	62.1	59.5	(D)	75.4	83.8	84.5	82.3
	STUBENVILLE-WEIR														
	OH:	*	59.5	55.2	57.3	43.2	*	62.4	63.6	68.5	(D)	*	67.8	71.3	76.5
	STOCKTON														
	CA:	23.8	25.4	26.1	28.3	34.0	34.8	37.9	38.2	43.3	(D)	50.4	56.9	59.5	65.3
	SYRACUSE														
	NY:	39.5	42.7	40.2	33.8	29.9	49.5	57.3	53.3	60.9	45.8	59.7	64.9	63.8	63.5
	TACOMA														
	WA:	33.7	39.5	41.3	46.0	49.1	43.8	53.1	56.9	52.0	67.7	57.6	66.0	72.8	78.9
	TALLAHASSEE														
	FL:	NA	NA	NA	63.1	70.7	NA	NA	NA	77.1	82.4	NA	NA	NA	89.7
	TAMPA-ST PETERSBU														
	FL:	51.1	60.4	62.3	63.1	63.5	60.1	70.1	75.1	77.3	78.0	65.3	74.8	81.1	86.4
	TERRE HAUTE														
	IN:	60.5	60.9	52.5	54.2	56.1	64.1	67.0	60.8	67.1	69.2	70.4	76.3	71.0	82.0
	TEXARKANA														
	TX:	27.3	47.9	41.0	39.4	41.1	34.7	54.8	51.0	53.3	55.5	46.1	65.1	66.0	67.5
	TOLEDO														
	OH:	47.8	52.6	59.4	62.5	55.0	58.1	62.6	67.8	74.9	68.2	67.1	74.1	76.2	81.9
	TOPEKA														
	KS:	31.5	32.6	32.3	49.3	35.7	46.7	52.0	52.9	65.4	53.5	64.3	75.0	82.6	86.3
	TRENTON														
	NJ:	63.9	61.3	59.9	53.6	50.1	67.7	70.0	72.3	73.7	73.0	72.1	76.5	79.8	84.4
	TUCSON														
	AZ:	53.6	54.8	48.6	48.4	45.8	60.9	66.5	65.1	66.7	69.4	70.1	76.3	78.6	82.7
	TULSA														
	OK:	45.4	46.3	47.8	56.6	52.5	53.9	53.7	54.3	62.2	66.1	62.7	66.8	65.0	73.6
	TUSCALOOSA														
	AL:	36.1	41.7	39.3	45.7	65.6	44.8	54.9	54.1	64.9	75.8	57.4	68.5	69.3	80.6

SEE FOOTNOTE AT END OF TABLE.

CONTINUED--



TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

SMSA	4 LARGEST FIRMS					8 LARGEST FIRMS					20 LARGEST FIRMS				
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
TYLER TX	40.0	47.5	61.3	57.4	67.0	56.9	64.5	73.3	71.5	75.3	73.6	78.6	83.5	84.7	84.6
UTICA-ROME NY	37.5	42.3	38.3	41.4	39.4	49.7	61.8	58.9	64.6	63.1	59.3	70.4	70.3	75.4	76.1
VALLEJO-FAIRFIELD CA	NA	NA	36.9	41.6	49.4	NA	NA	51.5	56.3	65.3	NA	NA	73.6	78.5	85.5
VINELAND-MILLVILL NJ	NA	NA	NA	64.1	62.3	NA	NA	NA	75.6	(D)	NA	NA	NA	84.2	86.2
WACO TX	42.4	50.4	48.8	48.3	61.6	54.8	59.6	59.8	60.2	68.3	67.0	69.9	70.9	72.8	76.2
WASHINGTON DC	56.0	59.7	67.3	70.3	76.3	64.2	70.2	78.0	82.5	86.1	69.9	77.5	83.7	86.9	89.3
WATERBURY CT	39.0	39.9	46.0	50.6	46.8	52.9	54.9	59.2	65.2	70.1	63.1	71.0	73.8	77.1	81.6
WATERLOO-CEDAR FA IA	42.6	38.5	42.9	48.7	65.0	60.2	55.3	62.9	67.5	80.0	71.1	78.1	83.7	87.4	93.7
WEST PALM BEACH-B FL	63.6	61.2	66.3	63.1	64.7	72.3	70.9	75.9	74.2	79.0	80.9	79.1	84.9	86.5	89.8
WHEELING WV	*	56.4	56.6	54.8	46.1	*	61.9	65.2	64.5	62.2	*	67.4	72.0	75.9	78.3
WHEELING-STEUBENV WV	46.6	*	NA	NA	NA	52.6	*	NA	NA	NA	57.1	*	NA	NA	NA
WICHITA KS	52.7	47.5	41.9	42.4	40.5	60.8	56.9	54.4	58.0	56.4	73.2	71.8	70.4	74.2	74.3
WICHITA FALLS TX	52.2	52.8	57.5	55.4	65.8	60.1	65.1	68.9	70.6	77.1	72.0	80.0	81.1	82.4	(D)
WILKES BARRE-HAZL PA	49.1	54.9	55.7	58.5	*	52.9	61.3	61.6	65.1	*	57.4	66.8	67.5	73.0	*
WILLIAMSPORT PA	NA	NA	NA	NA	73.7	NA	NA	NA	NA	82.8	NA	NA	NA	NA	90.2
WILMINGTON DE	59.6	63.7	66.1	68.4	63.9	65.2	74.5	75.5	79.3	77.8	71.0	79.4	81.7	85.3	86.7
WILMINGTON NC	NA	NA	NA	54.3	52.3	NA	NA	NA	68.8	70.0	NA	NA	NA	82.4	83.0
WINSTON SALEM NC	39.2	46.2	49.2	*	NA	50.4	58.8	59.7	*	NA	59.2	67.3	73.3	*	NA
WORCESTER MA	42.2	39.6	27.0	30.9	32.9	48.2	51.0	40.4	47.3	51.5	59.5	66.2	63.5	70.3	74.5
YAKIMA WA	NA	NA	NA	NA	44.6	NA	NA	NA	NA	57.9	NA	NA	NA	NA	76.8
YORK PA	36.1	45.8	44.3	47.1	44.4	40.3	54.0	55.9	62.0	61.2	47.0	61.2	65.6	71.7	76.3
YOUNGSTOWN-WARREN OH	44.0	50.1	51.8	43.9	32.1	49.2	56.2	57.3	56.0	46.8	55.3	63.5	66.2	67.5	63.1
MEAN, WEIGHTED	44.3	46.4	46.9	47.2	49.5	52.0	55.5	57.7	60.1	63.3	59.6	64.3	67.7	71.5	75.1
MEAN, UNWEIGHTED	45.4	49.3	50.0	50.9	52.4	54.4	59.9	62.0	64.8	67.3	64.6	71.0	74.2	77.7	80.9
STANDARD DEVIATION	9.2	9.3	10.0	9.8	10.9	6.9	8.9	9.4	10.0	10.6	9.3	8.8	9.0	9.2	9.2
NUMBER OF SMSA'S	208	214	218	229	263	212	215	218	229	247	212	215	218	229	257

1/ (D) DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. NA DENOTES THAT DATA WERE NOT AVAILABLE BECAUSE AN SMSA WAS NOT DEFINED. AN ASTERISK INDICATES THAT SMSA'S HAVE BEEN COMBINED TO FORM A NEW SMSA OR THAT ONE HAS BEEN SPLIT TO FORM TWO OR MORE NEW SMSA'S. SEE APPENDICES A AND B FOR SMSA DEFINITIONS.

SOURCE: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.

TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1970, AND 1972, SMSA'S LISTED BY 1970 POPULATION 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS						
	1970 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :
	POPULATION :														
POPULATION GREATER THAN 2 MILLION															
	1,000														
NEW YORK	9,974	41.1	36.7	34.5	33.0	30.9	47.6	45.4	47.6	45.0	45.6	54.7	54.4	56.9	58.7
LOS ANGELES--LONG BEACH	7,032	29.6	24.6	30.3	28.5	35.6	40.6	39.6	43.1	46.3	53.8	53.0	54.8	60.5	67.8
CHICAGO	6,979	47.7	51.9	51.9	53.6	57.2	56.2	59.3	61.4	63.0	66.4	58.5	62.7	65.5	68.0
PHILADELPHIA	4,818	52.6	60.3	60.7	59.8	54.1	56.9	63.3	63.7	67.4	64.6	59.0	65.9	67.1	71.7
DETROIT	4,431	38.5	49.9	52.1	49.4	49.8	45.5	57.9	62.1	69.8	(D)	50.5	62.3	66.6	73.3
SAN FRANCISCO-OAKLAND	3,110	27.1	28.6	33.0	40.4	46.9	33.5	35.3	42.9	49.3	56.3	40.8	44.5	55.2	62.6
WASHINGTON	2,909	56.0	59.7	67.3	70.3	76.3	64.2	70.2	78.0	82.5	86.1	69.9	77.5	83.7	89.3
BOSTON	2,899	56.2	47.6	49.7	47.4	49.0	63.6	58.5	60.0	57.2	63.1	67.7	64.4	66.0	71.3
NASSAU-SUFFOLK	2,553	NA	NA	NA	NA	45.7	NA	NA	NA	NA	70.8	NA	NA	NA	82.7
ST LOUIS	2,410	34.6	42.7	42.9	39.3	46.2	44.7	49.1	50.6	51.3	53.1	49.3	54.2	56.8	59.9
PITTSBURGH	2,401	45.0	53.2	51.7	45.0	43.4	50.6	60.9	59.7	54.0	49.5	55.6	66.7	65.0	68.0
DALLAS--FT WORTH	2,378	NA	NA	NA	NA	46.6	NA	NA	NA	NA	65.6	NA	NA	NA	74.6
BALTIMORE	2,071	47.9	49.9	53.9	55.0	57.0	50.2	55.4	61.3	64.5	67.6	54.8	60.5	67.3	70.0
CLEVELAND	2,064	51.1	53.0	56.0	58.4	51.9	57.1	61.6	61.8	68.1	65.8	60.8	66.8	67.6	73.3
NEWARK	2,055	52.8	47.9	40.2	42.5	44.2	60.1	56.4	51.5	57.7	57.6	66.1	65.8	65.1	72.0
MEAN, WEIGHTED	(N)	42.7	43.5	44.6	44.6	46.9	50.1	52.2	54.7	56.9	60.0	56.0	59.7	63.1	70.3
MEAN, UNWEIGHTED	3,872	44.6	46.6	48.0	47.9	49.0	51.6	54.8	57.2	59.7	61.9	57.0	61.6	64.9	71.4
STANDARD DEVIATION	2,289	9.4	10.4	10.7	11.1	10.0	8.8	9.5	9.4	10.4	9.9	7.7	7.8	6.9	8.1
NUMBER OF SMSA'S	15	13	13	13	13	15	13	13	13	13	14	13	13	13	15
POPULATION OF 1 MILLION-1,999,999															
	1,000														
HOUSTON	1,999	35.5	33.2	35.1	32.2	34.7	42.3	41.5	42.3	42.0	44.3	49.4	49.3	49.8	52.0
MINNEAPOLIS-ST PAUL	1,965	31.4	38.5	39.3	43.7	42.4	38.1	44.3	48.7	54.3	55.4	46.9	52.6	60.7	63.7
ATLANTA	1,598	53.9	55.6	60.5	60.0	54.6	60.3	61.5	67.0	67.9	68.4	66.1	67.3	72.1	73.0
SEATTLE-EVERETT	1,422	39.7	38.4	41.1	41.5	49.0	45.1	46.4	51.8	56.0	62.2	52.6	54.9	61.0	67.5
ANAHEIM-SANTA ANA	1,420	39.6	47.1	43.2	38.6	44.1	54.1	63.0	61.8	58.8	67.3	66.8	77.2	79.6	88.7
MILWAUKEE	1,404	42.6	46.7	39.9	31.6	57.5	47.5	51.7	47.3	41.6	66.9	55.3	60.6	56.6	52.5
CINCINNATI	1,385	49.7	51.4	49.0	46.7	49.9	51.7	53.9	53.0	56.2	63.3	54.9	58.4	59.2	65.8
SAN DIEGO	1,358	41.1	40.6	52.5	51.0	55.2	49.0	50.5	64.0	67.7	75.1	58.1	61.5	72.7	76.8
BUFFALO	1,349	59.8	56.4	46.9	41.0	38.2	62.0	58.7	53.7	51.7	49.9	65.3	63.3	63.1	62.9
KANSAS CITY	1,272	48.1	49.8	49.1	41.8	49.3	52.7	57.3	55.4	49.6	56.7	59.6	66.1	65.0	68.4

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 13---CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
	1970 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :
	POPULATION :															
	1,000															
MIAMI	FL: 1,268	55.5	62.6	53.3	60.5	62.8	69.4	73.0	73.6	74.1	72.3	76.7	79.3	80.2	80.6	78.1
DENVER-Boulder	CO: 1,237	67.1	66.9	70.4	66.0	80.5	72.9	72.3	75.7	74.9	88.3	77.9	77.9	81.3	84.2	91.9
RIVERSIDE-SAN BER	CA: 1,143	29.8	37.2	38.1	41.6	45.5	36.9	46.5	55.9	62.2	62.4	52.8	59.0	68.3	71.2	74.4
INDIANAPOLIS	IN: 1,110	48.5	55.6	60.0	59.3	52.7	56.8	64.5	64.1	69.4	68.5	65.7	71.0	70.8	78.8	79.9
TAMPA-ST PETERSBURG	FL: 1,089	51.1	60.4	62.3	63.1	63.5	60.1	70.1	75.1	77.3	78.0	65.3	74.8	81.1	84.4	86.4
SAN JOSE	CA: 1,065	28.4	30.7	33.9	37.8	46.0	37.3	40.4	43.7	49.6	60.3	52.4	55.9	59.2	66.3	79.8
NEW ORLEANS	LA: 1,046	36.0	44.8	52.0	54.4	59.6	41.7	55.2	58.6	61.6	67.1	50.5	64.2	67.5	71.4	75.2
COLUMBUS	OH: 1,018	54.9	56.9	53.2	52.9	50.7	58.6	61.9	59.6	66.4	67.7	62.9	69.1	67.5	73.6	74.2
PORTLAND	OR: 1,009	39.6	43.1	35.3	40.7	53.7	45.8	48.7	48.5	55.6	63.5	55.1	57.1	58.4	66.4	74.9
MEAN, WEIGHTED	(N)	45.2	47.5	47.6	46.6	51.4	51.6	54.9	57.2	58.6	64.3	59.1	62.9	66.3	69.4	74.6
MEAN, UNWEIGHTED	1,324	44.9	48.2	48.2	47.6	52.1	51.7	55.9	57.9	59.8	65.1	59.7	64.2	67.0	70.4	75.2
STANDARD DEVIATION:	277	10.4	10.0	10.1	10.3	10.0	10.2	9.8	9.9	10.3	9.6	8.6	8.7	8.9	9.3	8.3
NUMBER OF SMSA'S	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
POPULATION OF 500,000-999,999																
	1,000															
PHOENIX	AZ: 968	45.4	46.1	46.6	39.8	47.9	50.9	57.9	63.5	62.7	72.2	60.6	70.1	78.0	83.8	86.7
ROCHESTER	NY: 962	58.4	65.7	55.5	56.2	59.3	62.0	69.2	61.9	64.2	67.7	66.0	73.5	67.6	72.0	74.6
PROVIDENCE-WARWICK	RI: 906	48.7	48.9	50.9	48.5	59.1	54.0	58.5	65.9	74.9	75.9	60.3	67.2	72.2	80.5	83.7
SAN ANTONIO	TX: 888	50.0	47.9	54.4	53.5	55.1	55.3	55.3	61.9	61.8	66.1	60.5	66.1	69.9	72.6	78.4
LOUISVILLE	KY: 867	51.2	57.7	60.3	55.8	54.8	55.1	62.2	65.0	62.1	61.3	59.7	67.5	71.3	69.5	68.4
DAYTON	OH: 850	45.9	45.2	43.2	37.0	40.9	56.7	54.9	51.0	46.2	51.4	63.6	63.8	61.3	69.8	71.0
MEMPHIS	TN: 834	23.1	32.7	28.9	35.9	41.4	30.8	40.0	42.8	49.3	54.5	40.2	50.3	55.9	59.6	64.2
SACRAMENTO	CA: 801	45.1	44.5	36.3	40.1	48.5	60.6	51.3	47.4	58.4	66.0	72.9	63.2	65.1	72.2	78.7
ALBANY-SCHENECTADY	NY: 778	39.3	47.5	47.8	44.4	53.2	50.8	54.9	57.7	58.5	64.8	57.7	62.9	66.3	68.5	73.6
BIRMINGHAM	AL: 767	42.1	46.1	42.0	37.7	47.7	47.1	55.9	53.7	47.2	58.4	55.7	63.6	64.3	58.3	67.1
TOLEDO	OH: 763	47.8	52.6	59.4	62.5	55.0	58.1	62.6	67.8	74.9	68.2	67.1	74.1	76.2	81.9	76.8
NORFOLK-VIRGINIA	VA: 733	48.7	39.1	46.1	51.6	48.7	55.5	49.8	56.3	67.3	67.6	63.9	65.6	71.6	83.4	84.3
GREENSBORO-WINSTON	NC: 723	NA	NA	NA	37.9	36.5	NA	NA	NA	54.4	52.7	NA	NA	NA	65.5	67.5
HARTFORD	CT: 721	(D)	48.6	48.4	47.9	49.9	56.2	60.7	63.8	63.6	54.0	64.7	68.6	72.6	75.3	69.6
SALT LAKE CITY-OGDEN	UT: 705	NA	NA	NA	NA	59.2	NA	NA	NA	66.4	66.4	NA	NA	NA	NA	82.5
NASHVILLE-DAVIDSON	TN: 699	50.4	59.0	52.1	58.2	47.5	59.2	67.1	56.2	62.2	52.3	66.8	74.0	62.4	69.2	60.6
OKLAHOMA CITY	OK: 698	40.3	40.0	40.2	38.8	35.8	45.5	46.7	46.9	46.7	44.6	56.7	59.1	58.9	60.3	58.0
AKRON	OH: 679	48.5	61.0	62.1	52.6	53.4	55.3	70.8	71.2	72.7	70.9	63.2	76.6	78.3	80.7	80.6
SYRACUSE	NY: 637	39.5	42.7	40.2	33.8	29.9	49.5	57.3	53.3	50.0	45.8	59.7	64.9	63.8	63.5	63.8

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 13---CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED BY 1970 POPULATION---CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
	: 1970 :				: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :							
	: POPU- : : LATION: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :							
	1,000															
GARY-HAMMOND-EAST IN:	633	38.9	34.4	29.3	33.9	35.8	43.7	43.4	47.8	52.3	57.4	53.0	59.0	68.2	73.7	76.5
HONOLULU HI:	629	29.7	37.8	44.3	48.5	53.6	36.8	49.1	55.6	65.7	67.8	47.9	61.8	67.4	75.1	81.0
NORTHEAST PENNSYL PA:	622	NA	NA	NA	NA	53.0	NA	NA	NA	NA	62.0	NA	NA	NA	NA	70.1
JACKSONVILLE FL:	622	52.0	62.7	61.3	61.0	56.2	67.5	75.5	74.9	78.8	74.7	78.0	81.2	85.2	85.2	82.2
FORT LAUDERDALE-H FL:	620	72.3	70.5	65.5	68.6	69.4	78.8	78.7	79.7	81.0	(D)	84.2	87.5	88.9	89.0	91.2
JERSEY CITY NJ:	609	54.3	52.0	44.3	43.2	44.2	60.8	59.0	54.8	58.6	61.6	66.4	64.4	66.9	73.3	74.9
ALLEN TOWN-BETHLEH PA:	594	49.1	54.7	52.3	51.1	40.3	53.5	60.9	58.4	62.6	51.5	58.3	68.3	67.6	73.1	70.8
NEW BRUNSWICK-PER NJ:	584	NA	NA	NA	NA	45.9	NA	NA	NA	NA	64.8	NA	NA	NA	NA	85.4
CHARLOTTE-GASTONI NC:	558	50.1	58.4	57.0	49.7	48.6	58.2	65.9	67.6	68.5	65.6	66.6	72.9	75.1	76.2	77.7
TULSA OK:	551	45.4	46.3	47.8	50.6	52.5	53.9	53.7	54.3	62.2	66.1	62.7	66.8	65.0	73.6	75.9
RICHMOND VA:	542	50.5	47.9	49.9	50.4	45.2	57.9	57.7	60.4	62.2	65.9	65.2	69.7	72.4	77.8	81.1
SPRINGFIELD-CHICO MA:	542	45.2	45.4	43.5	44.4	47.0	54.1	59.2	63.2	66.7	65.8	62.4	70.0	72.7	77.6	78.8
OMAHA NE:	540	38.9	45.1	53.5	55.7	62.0	43.9	51.7	61.7	69.7	73.0	54.1	62.8	71.1	80.4	84.0
GRAND RAPIDS MI:	539	40.3	44.9	44.0	52.0	67.8	46.8	52.0	56.3	62.5	74.4	55.9	61.8	65.4	74.3	82.5
YOUNGSTOWN-WARREN OH:	536	44.0	50.1	51.8	43.9	32.1	49.2	56.2	57.3	56.0	46.8	55.3	63.5	66.2	67.5	63.1
FLINT MI:	507	43.4	53.6	53.1	60.6	45.5	50.6	62.4	63.4	67.6	61.8	60.0	71.9	72.6	77.4	75.7
MEAN, WEIGHTED	(N)	45.5	48.9	48.4	48.3	49.4	53.0	57.6	59.1	61.9	62.6	60.9	67.0	69.4	73.3	75.6
MEAN, UNWEIGHTED	692	45.9	49.3	48.8	48.6	49.0	53.5	58.1	59.4	62.2	62.4	61.6	67.5	69.6	73.5	75.5
STANDARD DEVIATION:	129	8.5	8.7	8.7	9.0	9.2	8.7	8.5	8.1	8.9	8.5	8.1	6.9	6.7	7.7	7.9
NUMBER OF SMSA'S	35	30	31	31	32	35	31	31	31	32	34	31	31	31	32	35
POPULATION OF 300,000-499,999																
	1,000															
WILMINGTON DE:	499	59.6	63.7	66.1	68.4	63.9	65.2	74.5	76.5	79.3	77.8	71.0	79.4	81.7	85.3	86.7
GREENVILLE-SPARTA SC:	473	49.1	57.7	55.6	57.9	63.4	57.4	68.8	67.3	70.3	72.8	66.3	78.3	77.2	80.3	80.5
PATERSON-CLIFTON NJ:	461	64.2	60.6	48.6	51.1	46.6	68.4	66.9	59.3	61.5	63.2	73.8	73.6	71.9	77.0	87.5
LONG BRANCH-ASSBUR NJ:	459	NA	NA	NA	NA	53.4	NA	NA	NA	NA	73.2	NA	NA	NA	NA	89.8
ORLANDO FL:	453	63.2	62.5	63.8	61.0	65.7	68.1	70.6	75.6	76.2	80.5	76.1	79.0	83.8	86.8	89.4
LANSTING-EAST LANS MI:	424	48.2	36.1	32.1	41.1	42.8	56.5	48.4	47.3	55.0	59.7	66.2	62.9	61.5	68.2	74.2
RALEIGH-DURHAM NC:	419	NA	NA	NA	NA	63.5	NA	NA	NA	NA	68.7	NA	NA	NA	NA	74.7
NEW HAVEN-WEST HA CT:	414	38.4	44.0	48.2	54.4	51.3	47.1	52.9	60.8	66.4	64.9	56.2	64.5	71.3	76.2	76.6
FRESNO CA:	413	22.7	27.7	23.5	24.6	27.2	33.4	37.1	37.2	36.7	38.3	46.1	51.8	55.6	54.4	57.5
TACOMA WA:	411	33.7	39.5	41.3	46.0	49.1	43.8	53.1	56.9	62.9	67.7	57.6	66.0	72.8	78.9	82.5

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS								
	1970 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	
	POPULATION																
1,000																	
HARRISBURG	PA:	411	49.7	48.1	50.9	56.0	51.1	56.2	58.6	60.5	68.5	64.9	62.4	69.6	71.2	78.2	77.6
KNOXVILLE	TN:	409	48.3	55.5	60.1	56.2	53.9	54.2	59.4	65.4	63.8	(D)	61.3	66.5	72.6	72.9	70.5
BRIDGEPORT	CT:	402	(D)	56.2	52.3	45.4	43.5	57.1	64.3	67.6	64.6	69.4	64.7	72.4	74.5	77.1	81.5
CANTON	OH:	394	30.0	39.2	39.0	33.5	33.7	42.2	53.5	52.0	48.1	53.9	59.6	65.7	69.2	74.5	80.4
JICHITA	KS:	389	52.7	47.5	41.9	42.4	40.5	60.8	56.9	54.4	58.0	56.4	73.2	71.8	70.4	74.2	74.3
MOBILE	AL:	377	43.6	48.0	46.2	50.6	42.0	56.8	59.2	61.7	66.3	62.1	66.1	73.7	72.8	78.6	74.9
OXNARD-SIMI VALLE	CA:	376	NA	NA	NA	46.4	46.4	NA	NA	NA	62.8	68.4	NA	NA	82.1	85.8	89.8
BATON ROUGE	LA:	376	52.9	61.8	61.0	45.7	47.2	59.4	70.7	71.6	62.1	62.7	67.0	76.7	80.0	74.0	72.8
WORCESTER	MA:	372	42.2	39.6	27.0	30.9	32.9	48.2	51.0	40.4	47.3	51.5	59.5	66.2	63.5	70.3	74.5
CHATTANOOGA	TN:	370	38.2	35.6	43.8	49.3	43.9	51.1	47.6	54.9	58.6	55.1	61.4	57.7	69.6	73.1	72.3
DAVENPORT-ROCK IS	IA:	363	50.2	55.1	54.1	57.2	67.0	58.5	63.3	65.1	71.4	80.6	67.4	72.6	76.3	80.9	88.4
FORT WAYNE	IN:	362	55.0	60.8	52.8	62.9	56.5	63.7	81.8	72.5	83.5	72.3	71.3	88.3	79.7	93.3	86.5
EL PASO	TX:	359	53.9	53.5	53.0	48.1	54.1	60.4	63.0	61.7	59.7	66.0	70.6	76.1	75.9	78.1	81.3
TUCSON	AZ:	352	53.6	54.8	48.6	48.4	45.8	60.9	66.5	65.1	66.7	69.4	70.1	76.3	78.6	82.7	86.1
WEST PALM BEACH-B	FL:	349	63.6	61.2	66.3	63.1	64.7	72.3	70.9	75.9	74.2	79.0	80.9	79.1	84.9	86.5	89.8
BEAUMONT-PORT ART	TX:	346	37.0	41.1	41.6	38.1	34.3	44.5	46.8	48.5	46.4	46.4	56.6	57.4	59.2	61.3	64.1
PEORIA	IL:	342	38.4	45.8	37.9	36.2	36.7	45.6	52.8	52.8	51.4	55.9	57.5	66.5	67.7	67.9	72.9
UTICA-ROME	NY:	341	37.5	42.3	38.3	41.4	39.4	49.7	61.8	58.9	64.6	63.1	59.3	70.4	70.3	75.4	76.1
CHARLESTON	SC:	336	28.8	35.6	35.2	33.7	26.3	45.4	51.7	50.9	53.7	48.1	58.5	66.2	64.8	72.0	71.6
SHREVEPORT	LA:	335	48.6	57.1	54.4	51.8	45.5	52.7	62.2	64.6	64.8	62.3	59.6	70.7	75.6	73.8	(D)
ALBUQUERQUE	NM:	333	49.8	60.3	68.7	69.5	66.3	62.3	71.9	74.0	79.5	84.2	74.4	81.8	82.7	88.5	90.0
NEWPORT NEWS-HAMP	VA:	333	62.0	63.6	60.1	60.5	56.7	70.2	76.4	76.2	82.0	78.4	77.3	84.3	88.5	92.7	90.2
YORK	PA:	330	36.1	45.8	44.3	47.1	44.4	40.3	54.0	55.9	62.0	61.2	47.0	61.2	65.6	71.7	76.3
BAKERSFIELD	CA:	329	31.1	31.4	35.8	35.5	40.8	39.4	39.8	46.1	45.7	51.4	50.3	53.4	60.5	61.3	67.2
LITTLE ROCK-NORTH	AR:	323	51.4	(D)	55.1	62.7	61.8	54.9	59.3	62.1	67.3	67.2	60.8	66.4	70.0	75.4	77.3
AUSTIN	TX:	323	44.6	46.1	45.6	47.2	51.8	60.6	63.4	61.6	64.5	70.7	77.7	82.6	84.8	86.7	86.5
COLUMBIA	SC:	323	49.1	47.7	51.4	48.1	42.9	58.1	53.7	57.2	54.7	53.7	69.0	63.4	67.3	67.2	73.4
LANCASTER	PA:	320	42.4	45.7	48.1	49.2	45.8	48.3	52.2	55.0	56.3	55.8	56.9	62.3	64.4	68.2	70.6
DES MOINES	IA:	314	36.9	41.4	33.9	44.4	69.4	44.8	51.3	49.3	59.1	81.3	56.0	66.3	71.3	80.4	89.4
TRENTON	NJ:	304	63.9	61.3	59.9	53.6	50.1	67.7	70.0	72.3	73.7	73.0	72.1	76.5	79.8	84.4	87.3
BINGHAMTON	NY:	303	53.8	51.4	52.0	50.6	41.8	64.1	67.3	67.9	67.0	67.2	69.7	77.3	77.6	80.0	81.0
MEAN, WEIGHTED		(N)	47.2	49.6	48.1	48.9	49.5	55.2	59.6	60.3	62.7	65.5	64.5	70.0	72.4	76.5	79.6
MEAN, UNWEIGHTED		374	46.6	49.3	48.4	49.0	48.9	55.0	59.8	60.6	63.0	65.0	64.5	70.4	72.8	76.7	79.2
STANDARD DEVIATION:		49	10.6	9.9	10.8	10.2	11.0	9.4	10.0	10.0	10.4	10.5	8.4	8.4	7.7	8.3	7.9
NUMBER OF SMSA'S		41	37	37	38	39	41	38	38	38	39	40	38	38	38	39	40

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972. SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
	1970	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	POPULATION	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	1,000															
POPULATION OF 200,000-299,999																
READING	PA:	296	46.9	44.8	48.0	46.7	42.5	55.2	53.4	60.3	57.6	58.2	63.4	64.7	70.3	73.5
MADISON	WI:	290	41.5	43.2	40.6	40.4	47.4	52.6	54.6	55.9	52.9	62.5	62.6	66.4	70.1	77.4
STOCKTON	CA:	290	23.8	25.4	26.1	28.3	34.0	34.8	37.9	38.2	43.3	(D)	50.4	56.9	59.5	65.3
SPOKANE	WA:	287	38.4	47.0	54.7	56.3	62.4	51.1	59.1	65.4	68.1	70.3	65.1	70.1	75.6	82.6
HUNTINGTON-ASHLAN	WV:	287	37.2	47.5	38.8	32.0	29.2	44.1	53.6	46.6	44.9	41.8	53.2	62.9	58.5	58.9
EVANSVILLE	IN:	285	42.4	43.8	42.7	40.1	41.4	54.4	55.5	55.0	62.6	53.5	64.6	70.6	71.9	71.4
CORPUS CHRISTI	TX:	285	42.9	51.8	53.4	50.7	54.3	51.0	63.2	69.7	61.9	67.3	61.4	75.6	83.3	81.1
HUNTSVILLE	AL:	282	30.8	34.3	49.9	55.4	48.6	42.4	50.1	58.6	66.1	61.1	53.0	64.7	70.1	74.2
SOUTH BEND	IN:	280	41.2	46.6	44.4	46.7	47.3	47.3	56.3	58.8	59.3	60.4	55.6	67.4	76.1	78.1
APPLETON-OSHKOSH	WI:	277	NA	NA	NA	NA	26.6	NA	NA	NA	NA	41.4	NA	NA	NA	69.1
AUGUSTA	GA:	276	48.8	48.8	55.2	47.9	47.2	59.1	60.6	63.5	60.9	66.5	68.0	70.2	72.3	73.8
LAS VEGAS	NV:	273	46.4	46.6	52.8	61.2	57.5	62.6	64.5	71.8	83.6	81.6	85.9	86.6	90.1	93.3
ROCKFORD	IL:	272	43.9	50.8	41.0	42.1	50.7	52.2	60.1	57.4	64.2	66.8	62.6	74.0	76.6	85.5
LEXINGTON	KY:	267	47.1	54.9	61.2	59.0	60.4	54.2	64.1	70.6	72.8	70.5	68.5	77.1	81.7	82.3
DULUTH-SUPERIOR	MN:	265	28.1	33.4	34.5	34.4	43.2	33.9	39.4	44.8	47.0	55.8	44.3	51.8	60.8	72.9
SANTA BARBARA-SAN	CA:	264	47.0	45.7	52.6	60.0	62.0	57.2	56.9	64.2	72.0	74.8	69.8	74.9	80.8	85.3
ERIE	PA:	264	52.0	58.2	49.3	48.0	43.9	58.9	63.3	57.9	58.2	57.4	66.8	71.3	71.0	75.3
JOHNSTOWN	PA:	263	(D)	55.8	56.8	56.3	53.4	52.5	60.7	63.9	64.3	64.6	58.4	68.0	71.2	74.4
JACKSON	MS:	259	51.5	48.9	55.9	51.8	55.9	60.8	64.6	66.0	65.3	69.1	67.9	73.9	75.8	78.8
LAURENCE-HAVERHIL	MA:	259	43.0	46.6	43.0	51.7	55.7	52.4	55.2	60.1	64.1	69.8	61.1	67.0	75.1	85.7
KALAMAZOO-PORTAGE	MI:	258	33.4	41.9	56.7	72.2	64.9	45.8	59.6	70.6	87.1	78.5	63.0	74.8	82.8	89.7
CHARLESTON	WV:	257	54.4	59.1	56.8	51.9	51.1	58.4	65.5	63.9	59.6	57.6	64.8	71.9	73.6	71.3
LORAIN-ELYRIA	OH:	257	44.5	54.6	53.9	45.6	42.5	53.5	62.4	62.8	61.2	64.8	63.6	72.4	74.3	83.1
SALINAS-SEASIDE-M	CA:	250	NA	NA	NA	42.4	47.4	NA	NA	NA	56.9	57.4	NA	NA	NA	70.4
VALLEJO-FAIRFIELD	CA:	249	NA	NA	36.9	41.6	49.4	NA	NA	51.5	56.3	65.3	NA	NA	73.6	85.5
PENSACOLA	FL:	243	37.4	49.7	43.1	42.7	40.4	48.3	60.5	59.7	58.3	64.8	60.5	72.6	76.7	82.1
NEW LONDON-NORWIC	CT:	242	NA	NA	53.8	58.1	51.3	NA	NA	66.3	74.6	70.5	NA	NA	77.8	85.0
KINGSFORD-BRISTOL	IN:	241	NA	NA	NA	NA	35.6	NA	NA	NA	NA	49.3	NA	NA	NA	67.7
COLORADO SPRINGS	CO:	239	58.1	66.2	69.8	59.4	64.3	71.3	80.8	88.7	83.3	85.6	82.4	89.8	96.2	96.3
COLUMBUS	GA:	239	36.4	41.3	37.3	34.0	32.6	48.5	50.3	51.2	45.2	46.1	59.4	62.7	67.4	69.8
ANN ARBOR	MI:	234	55.5	59.7	61.0	66.0	65.2	62.6	67.7	70.9	77.9	80.7	72.8	79.5	81.9	92.3
MELBOURNE-TITUSVI	FL:	230	NA	NA	NA	NA	79.0	NA	NA	NA	NA	89.4	NA	NA	NA	94.8
LAKELAND-WINTER H	FL:	227	NA	NA	NA	NA	57.5	NA	NA	NA	NA	70.7	NA	NA	NA	81.9
MACON	GA:	227	38.0	43.1	47.6	48.8	50.3	53.2	58.0	62.8	65.2	63.8	66.3	71.2	76.1	78.9
HAMILTON-MIDDLETO	OH:	226	37.6	55.0	50.5	46.6	51.6	45.1	62.8	66.2	63.9	69.5	54.4	72.2	76.7	82.7

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.



TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA		4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
: POPU- :		: 1970 :				: 1970 :				: 1970 :							
: LATION: 1954 : 1958 : 1963 : 1967 : 1972 : 1954 : 1958 : 1963 : 1967 : 1972 : 1954 : 1958 : 1963 : 1967 : 1972 :		: 1970 :				: 1970 :				: 1970 :							
		PERCENT				PERCENT				PERCENT							
: 1,000		: 1,000				: 1,000				: 1,000							
		NUMBER				NUMBER				NUMBER							
		47 36 37 39 41 47 41 45 37 37 39 41 45 37 39 41 47				47 36 37 39 41 47 41 45 37 37 39 41 45 37 39 41 47				47 36 37 39 41 47 41 45 37 37 39 41 45 37 39 41 47							
		MONTGOMERY				MONTGOMERY				MONTGOMERY							
AL:	226	49.9	62.5	53.7	55.8	56.0	58.8	68.4	63.7	68.2	70.2	67.0	75.9	73.2	78.2	82.0	
NY:	222	NA	NA	NA	NA	73.0	NA	NA	NA	NA	84.9	NA	NA	NA	NA	90.9	
POUGHKEEPSIE	222	29.9	37.0	46.9	51.3	58.3	36.6	50.2	58.0	64.0	69.0	47.9	61.5	68.8	76.1	79.3	
SAGINAW	220	40.0	38.8	37.2	58.5	71.6	52.0	58.6	58.8	71.7	81.5	64.8	72.4	77.8	86.4	89.5	
LOWELL	218	39.0	39.9	46.0	50.6	46.8	52.9	59.2	59.2	65.2	70.1	63.1	71.0	73.8	77.1	81.6	
WATERBURY	217	39.0	54.7	64.9	55.3	46.9	50.7	63.6	76.1	67.5	58.0	64.1	74.7	87.5	79.7	76.9	
EUGENE-SPRINGFIELD	213	39.0	54.7	64.9	55.3	46.9	50.7	63.6	76.1	67.5	58.0	64.1	74.7	87.5	79.7	76.9	
NC:	212	NA	NA	NA	56.4	48.9	NA	NA	NA	63.4	64.2	NA	NA	NA	73.8	77.0	
FAYETTEVILLE	212	50.4	52.2	72.1	56.4	52.1	60.8	68.1	80.3	65.4	63.4	71.6	78.9	87.6	79.4	78.0	
LIMA	210	33.7	32.1	34.7	41.2	42.3	46.9	48.1	52.6	55.4	56.0	61.3	65.5	74.3	73.6	74.4	
SAVANNAH	208	53.8	59.9	45.9	46.2	43.4	65.0	73.8	62.1	59.5	(D)	75.4	83.8	84.5	82.3	90.8	
STAMFORD	206	NA	NA	NA	NA	51.7	NA	NA	NA	NA	62.9	NA	NA	NA	NA	76.7	
SANTA ROSA	205	58.8	62.7	66.8	69.2	62.9	63.6	68.6	75.8	78.6	73.1	72.0	76.9	82.2	86.1	83.4	
ROANOKE	203	42.8	48.0	49.7	50.2	51.3	52.4	58.7	61.4	63.5	66.1	63.0	70.6	75.3	77.9	80.2	
MEAN, WEIGHTED	249	42.8	48.2	49.7	50.2	51.1	52.7	59.3	62.3	63.8	65.8	63.7	71.4	75.8	78.0	80.0	
MEAN, UNWEIGHTED	28	8.4	9.2	10.1	9.6	10.9	8.1	8.3	9.5	9.9	10.6	8.4	7.4	7.7	7.7	7.8	
STANDARD DEVIATION:	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
NUMBER OF SMSA'S		47	36	37	39	41	47	37	37	39	41	45	37	37	39	41	47
POPULATION OF 150,000-199,999																	
PERCENT																	
: 1,000																	
NUMBER																	
MODERATO																	
CA:	195	NA	NA	NA	NA	42.5	NA	NA	NA	NA	58.9	NA	NA	NA	NA	79.2	
SPRINGFIELD	188	50.5	58.9	49.6	56.6	44.2	63.7	69.9	63.6	74.1	62.3	72.9	79.6	79.7	89.2	83.6	
OR:	187	NA	NA	NA	50.2	53.4	NA	NA	NA	63.2	64.4	NA	NA	NA	79.4	82.7	
SALEM	183	NA	56.4	56.6	54.8	46.1	NA	61.9	65.2	64.5	62.2	NA	67.4	72.0	75.9	78.3	
WHEELING	183	NA	NA	NA	37.9	41.7	NA	NA	NA	46.1	50.4	NA	NA	NA	61.8	65.8	
MCALLEN-PHARR-EDINBURGH	182	NA	NA	NA	32.3	35.7	46.7	52.0	52.9	65.4	53.5	64.3	75.0	82.6	86.3	76.9	
TOPEKA	181	31.5	32.6	32.3	49.3	35.7	46.7	52.0	52.9	65.4	53.5	64.3	75.0	82.6	86.3	76.9	
MI:	180	NA	NA	NA	NA	52.6	NA	NA	NA	NA	(D)	NA	NA	NA	NA	84.2	
BATTLE CREEK	180	NA	NA	NA	NA	52.6	NA	NA	NA	NA	(D)	NA	NA	NA	NA	84.2	
LUBBOCK	179	58.0	60.1	62.7	64.5	69.4	62.8	65.8	71.0	77.2	81.9	71.5	75.1	81.7	86.4	89.9	
MUSKOGEE	175	40.1	47.5	49.7	60.2	56.6	47.7	56.3	59.3	69.5	67.2	58.1	67.5	72.2	81.2	81.4	
MUSKOGEE-MUSKOGEE	175	60.5	60.9	52.5	54.2	56.1	64.1	67.0	60.8	67.1	69.2	70.4	76.3	71.0	77.0	82.0	
TERRE HAUTE	175	57.0	62.3	56.7	58.5	63.1	62.8	69.5	71.8	72.5	75.0	69.3	75.7	79.5	83.0	86.7	
ATLANTIC CITY	175	57.0	62.3	56.7	58.5	63.1	62.8	69.5	71.8	72.5	75.0	69.3	75.7	79.5	83.0	86.7	
SPRINGFIELD	171	46.5	51.7	47.2	49.4	55.6	54.9	63.7	62.6	68.6	71.8	64.7	75.9	78.0	85.2	87.2	
RACINE	171	38.5	51.2	52.9	43.0	51.9	63.2	64.9	62.0	69.3	62.9	62.5	67.1	77.4	81.0	87.1	
ME:	170	43.1	41.2	44.0	40.1	50.1	49.6	53.6	56.8	57.1	62.9	60.5	67.1	73.0	75.2	77.2	
PORTLAND	170	27.0	34.2	40.3	37.7	44.2	39.9	46.9	51.9	51.2	53.1	59.3	68.0	70.8	71.8	73.2	
GALVESTON-TEXAS	170	27.0	34.2	40.3	37.7	44.2	39.9	46.9	51.9	51.2	53.1	59.3	68.0	70.8	71.8	73.2	
FALL RIVER	170	53.7	54.6	56.4	61.2	57.9	59.2	68.6	67.8	76.3	(D)	67.8	75.6	76.6	87.1	90.7	

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, AND 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS								
	POPULATION				POPULATION				POPULATION								
	1970	1954	1958	1963	1970	1954	1958	1963	1970	1954	1958	1963	1970	1954	1958	1963	1970
MANSFIELD	OH: 130	NA	NA	54.6	50.8	NA	60.1	68.9	70.7	73.9	NA	NA	NA	80.0	81.1	82.4	91.7
WICHITA FALLS	TX: 130	52.2	52.8	57.5	65.8	60.1	65.1	68.9	70.6	77.1	72.0	80.0	81.1	82.4	82.4	82.4	91.7
MUNCIE	IN: 129	39.4	60.4	44.6	61.0	55.4	71.5	65.5	77.1	84.3	75.4	85.1	85.8	93.5	94.6	94.6	94.6
PETERSBURG-COLONIA	VA: 129	NA	NA	NA	50.2	NA	NA	NA	NA	68.0	NA	NA	NA	NA	NA	NA	83.4
FAYETTEVILLE-SPRING	AR: 128	NA	NA	NA	42.2	NA	NA	NA	79.8	78.6	NA	NA	NA	NA	NA	NA	79.4
NORWALK	CT: 128	NA	NA	65.0	56.9	NA	NA	77.8	79.8	78.6	79.0	85.6	87.5	90.5	90.5	90.5	90.5
DECATUR	IL: 125	54.2	64.5	63.2	73.6	67.6	74.6	75.6	76.5	87.7	79.0	85.6	87.5	90.1	96.8	96.8	96.8
ANCHORAGE	AK: 125	NA	NA	NA	70.3	NA	NA	NA	NA	84.4	NA	NA	NA	NA	NA	NA	95.3
SANTA CRUZ	CA: 124	NA	NA	NA	49.5	NA	NA	NA	NA	61.7	NA	NA	NA	NA	NA	NA	82.2
ABILENE	TX: 122	44.0	54.3	54.4	52.2	48.1	52.9	68.4	66.2	69.8	68.0	79.3	83.7	84.8	83.5	83.5	83.5
VINELAND-MILLVILLE	NJ: 121	NA	NA	NA	64.1	62.3	NA	NA	75.6	(D)	NA	NA	NA	84.2	86.2	86.2	86.2
RENO	NV: 121	48.2	54.4	65.6	76.1	59.7	63.2	72.5	79.4	89.9	(D)	83.4	88.2	92.9	96.5	94.0	94.0
SARASOTA	FL: 120	NA	NA	NA	73.2	NA	NA	NA	NA	84.7	NA	NA	NA	NA	NA	NA	96.3
FARGO-MOORHEAD	ND: 120	42.1	44.1	49.9	55.2	53.8	60.9	65.2	72.2	71.3	65.6	74.9	78.9	84.7	87.3	87.3	87.3
PUEBLO	CO: 118	50.1	53.4	62.0	70.3	60.1	66.4	75.1	75.6	86.2	74.1	82.0	86.0	90.8	95.3	95.3	95.3
KENOSHA	WI: 118	45.3	44.6	44.1	46.5	54.0	58.3	58.8	67.0	73.7	64.0	73.8	70.1	82.6	85.9	85.9	85.9
FLORENCE	AL: 118	NA	NA	NA	41.4	NA	NA	NA	NA	59.8	NA	NA	NA	NA	NA	NA	73.2
BAY CITY	MI: 117	38.3	47.9	52.2	65.0	46.7	61.9	66.9	76.3	81.0	57.5	72.9	77.5	84.7	88.6	88.6	88.6
SIoux CITY	IA: 116	42.7	46.3	44.1	49.3	45.9	58.9	56.2	65.0	64.8	68.9	74.8	75.3	81.4	84.2	84.2	84.2
TUSCALOOSA	AL: 116	36.1	41.7	39.3	45.7	65.6	44.8	54.9	64.9	75.8	57.4	68.5	69.3	80.6	85.2	85.2	85.2
DANBURY	CT: 116	NA	NA	NA	NA	55.3	NA	NA	NA	76.7	NA	NA	NA	NA	NA	NA	91.6
MONROE	LA: 115	37.5	39.1	55.0	51.0	46.6	52.4	69.7	65.0	68.3	64.8	68.4	84.1	78.7	86.5	86.5	86.5
WILLIAMSPORT	PA: 113	NA	NA	NA	NA	73.7	NA	NA	NA	82.8	NA	NA	NA	NA	NA	NA	90.2
TEXARKANA	TX: 112	27.3	47.9	41.0	39.4	41.1	34.7	54.8	51.0	53.3	46.1	65.1	66.0	67.5	68.8	68.8	68.8
BOISE CITY	ID: 112	47.1	40.7	63.9	63.4	65.2	59.8	74.2	77.8	80.8	74.8	76.4	87.4	90.5	92.2	92.2	92.2
LAFAYETTE	LA: 110	38.1	52.2	55.7	52.3	41.0	45.4	63.2	62.3	61.0	58.6	70.7	76.3	73.4	(D)	(D)	(D)
LAFAYETTE-WEST LA	IN: 109	NA	NA	NA	56.9	72.1	NA	NA	86.4	(D)	NA	NA	NA	96.6	98.6	98.6	98.6
TALLAHASSEE	FL: 109	NA	NA	NA	63.1	70.7	NA	NA	77.1	82.4	NA	NA	NA	89.7	90.9	90.9	90.9
LAWTON	OK: 108	54.0	48.9	50.0	52.0	58.9	60.9	64.3	68.0	73.7	73.3	78.6	82.9	87.2	87.3	87.3	87.3
WILMINGTON	NC: 107	NA	NA	NA	54.3	52.3	NA	NA	68.8	70.0	NA	NA	NA	82.4	83.0	83.0	83.0
FORT MYERS	FL: 105	NA	NA	NA	NA	62.8	NA	NA	NA	76.4	NA	NA	NA	NA	88.7	88.7	88.7
GAINESVILLE	FL: 105	NA	NA	NA	NA	61.8	NA	NA	NA	75.7	NA	NA	NA	NA	89.4	89.4	89.4
BLOOMINGTON-NORMA	IL: 104	NA	NA	NA	48.6	57.0	NA	NA	62.7	72.6	NA	NA	NA	83.9	91.5	91.5	91.5
ELMHURST	NY: 102	NA	NA	NA	NA	46.5	NA	NA	NA	73.9	NA	NA	NA	NA	89.1	89.1	89.1
MEAN, WEIGHTED	(N)	44.9	49.1	51.6	54.6	55.5	55.6	61.6	65.7	71.6	68.2	75.9	79.9	84.4	86.3	86.3	86.3
MEAN, UNWEIGHTED	124	44.0	48.6	51.3	54.2	55.6	54.6	61.0	65.2	71.7	67.5	75.3	79.6	84.2	86.3	86.3	86.3
STANDARD DEVIATION:	13	8.6	8.9	8.6	7.7	10.8	8.6	7.4	7.9	9.5	8.9	7.0	7.4	6.9	7.8	7.8	7.8
NUMBER OF SMSA'S	50	28	28	29	35	50	28	28	29	35	46	28	28	29	35	48	48

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
	1970 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :
	POPULATION LESS THAN 100,000															
POPULATION LESS THAN 100,000																
	1,000															
ST JOSEPH MO:	99	42.7	45.8	51.7	50.6	51.2	53.0	61.2	69.4	70.8	73.7	66.8	76.5	83.6	87.0	91.2
FITCHBURG-LEOMINS MA:	97	NA	41.6	37.1	42.4	44.4	NA	66.7	58.9	67.4	65.9	NA	81.8	82.6	89.5	91.5
TYLER TX:	97	40.0	47.5	61.3	57.4	67.0	56.9	64.5	73.3	71.5	73.6	73.6	78.6	83.5	84.7	84.6
PITTSFIELD MA:	97	57.5	61.3	69.7	66.7	61.9	67.1	73.1	81.0	83.0	82.0	79.6	84.2	90.0	92.3	92.0
ALBANY GA:	97	45.5	49.3	51.7	50.3	44.9	60.3	63.1	66.1	67.5	67.0	75.4	80.7	80.3	82.5	85.1
BURLINGTON NC:	96	NA	NA	NA	NA	54.8	NA	NA	NA	NA	73.1	NA	NA	NA	NA	83.9
SIoux FALLS SD:	95	67.2	62.3	70.9	72.3	79.4	73.8	72.7	80.9	84.8	87.2	85.6	86.7	94.7	97.4	97.0
GADSDEN AL:	94	35.8	44.6	37.5	38.9	44.8	41.8	55.9	51.3	55.1	61.9	51.7	68.5	65.2	70.3	80.1
RICHLAND-KINNEVIC WA:	93	NA	NA	NA	NA	57.1	NA	NA	NA	NA	(D)	NA	NA	NA	NA	92.6
ODESSA TX:	92	50.2	49.8	51.8	52.1	47.2	68.5	66.9	71.6	77.4	75.8	86.3	82.4	92.3	90.8	92.1
DUBUQUE IA:	91	43.8	54.7	65.5	57.7	69.4	54.0	65.5	75.2	74.3	87.9	66.9	79.2	88.0	86.5	95.4
BILLINGS MT:	87	49.6	47.9	51.6	42.4	54.9	63.1	64.5	66.2	63.6	(D)	77.9	80.8	86.2	88.6	94.0
NASHUA NH:	86	NA	NA	NA	NA	51.8	NA	NA	NA	NA	70.2	NA	NA	NA	NA	87.9
PINE BLUFF AR:	85	39.7	48.7	43.5	58.6	58.0	51.2	60.7	54.6	67.5	67.4	63.9	73.4	71.9	79.4	81.7
ROCHESTER MN:	84	NA	NA	NA	NA	76.6	NA	NA	NA	NA	91.3	NA	NA	NA	NA	98.2
SHERMAN-DENISON TX:	83	NA	NA	NA	50.5	57.7	NA	NA	NA	64.0	(D)	NA	NA	NA	76.4	(D)
GREAT FALLS MT:	82	48.4	63.0	75.6	69.1	67.6	60.4	71.3	82.6	80.2	82.1	79.0	82.4	92.6	90.6	93.5
COLUMBIA MO:	81	NA	NA	NA	NA	45.7	NA	NA	NA	NA	68.5	NA	NA	NA	NA	95.2
LA CROSSE WI:	80	NA	NA	NA	NA	47.7	NA	NA	NA	NA	68.1	NA	NA	NA	NA	87.2
OWENSBORO KY:	79	NA	NA	NA	NA	54.8	NA	NA	NA	NA	72.7	NA	NA	NA	NA	87.5
LAREDO TX:	73	48.5	48.8	45.1	53.4	56.6	65.0	63.2	60.5	71.3	73.9	81.5	81.6	81.6	87.6	(D)
LEWISTON-AUBURN ME:	72	NA	30.8	33.0	38.9	60.1	NA	46.8	50.8	56.3	69.9	NA	62.9	69.7	74.3	81.9
SAN ANGELO TX:	71	65.5	66.3	59.8	56.2	58.6	72.6	75.2	71.0	74.3	75.8	83.3	87.6	83.5	90.4	89.5
BRISTOL CT:	70	NA	NA	NA	NA	55.3	NA	NA	NA	NA	83.4	NA	NA	NA	NA	97.0
MIDLAND TX:	65	51.0	49.9	56.5	50.6	63.6	66.2	66.4	66.9	66.3	78.8	89.3	89.6	85.8	88.1	90.8
BRYAN-COLLEGE STA TX:	58	NA	NA	NA	NA	57.9	NA	NA	NA	NA	77.2	NA	NA	NA	NA	87.1
MERIDEN CT:	56	57.4	60.8	67.1	68.2	67.5	65.9	70.9	78.9	79.6	86.3	80.0	84.0	91.2	91.8	94.2
MEAN, WEIGHTED	(N)	49.1	51.0	54.7	54.1	57.1	60.8	65.2	68.5	70.9	75.0	75.4	80.0	84.0	86.0	89.7
MEAN, UNWEIGHTED	84	49.5	51.4	54.7	54.2	57.6	61.3	65.2	68.2	70.8	75.6	76.1	80.0	83.7	86.0	90.0
STANDARD DEVIATION:	12	8.8	8.8	12.4	9.9	9.2	8.4	6.7	9.9	8.1	7.7	9.7	6.6	8.0	6.8	5.0
NUMBER OF SMSA'S	27	15	17	17	18	27	15	17	17	18	24	15	17	17	18	25

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, 1970, AND 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA																
: 1970 :				4 LARGEST FIRMS				: 8 LARGEST FIRMS				: 20 LARGEST FIRMS				
: POPU-				: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :				
: LATION:				: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :				: 1954 : 1958 : 1963 : 1967 : 1972 :				
OTHER SMSA'S 2/																
-----																
PERCENT																
TX: DALLAS	NA	53.1	47.1	45.7	41.9	NA	63.4	58.3	61.4	60.5	NA	67.6	66.2	69.9	72.2	
TX: DOURHAM	NA	48.9	55.9	64.3	45.1	NA	59.0	64.6	69.8	48.7	NA	70.0	75.3	78.3	54.9	
TX: FORT WORTH	NA	49.6	46.4	37.1	60.0	NA	59.7	55.4	49.5	69.6	NA	69.9	68.8	72.9	78.6	
NC: GREENSBORO-HIGH P	NA	45.8	45.8	48.4	NA	NA	50.6	53.3	60.3	NA	NA	59.0	63.1	69.1	NA	
UT: OGDEN	NA	52.0	61.5	60.2	NA	NA	65.8	72.1	78.8	NA	NA	80.7	86.0	90.5	NA	
NC: RALEIGH	NA	47.9	56.8	58.8	61.1	NA	54.2	64.0	62.6	65.6	NA	63.3	72.8	69.7	73.5	
UT: SALT LAKE CITY	NA	37.4	42.2	50.3	54.5	NA	44.6	50.3	56.8	64.5	NA	56.3	62.6	67.3	74.1	
PA: SCRANTON	NA	50.2	47.6	50.6	55.2	NA	53.7	62.3	61.6	67.2	NA	58.8	69.4	69.0	75.1	
WV: WHEELING-STEUBENV	NA	46.6	NA	NA	NA	NA	52.6	NA	NA	NA	NA	57.1	NA	NA	NA	
PA: WILKES BARRE-HAZL	NA	49.1	54.9	55.7	58.5	NA	52.9	61.3	61.6	65.1	NA	57.4	66.8	67.5	73.0	
NC: WINSTON SALEM	NA	39.2	46.2	49.2	NA	NA	50.4	58.8	59.7	NA	NA	59.2	67.3	73.3	NA	
MEAN, WEIGHTED																
MEAN, UNWEIGHTED																
STANDARD DEVIATION:																
NUMBER OF SMSA'S																
0	11	10	10	10	7	0	11	10	10	7	0	11	10	10	7	
ALL SMSA'S																
-----																
PERCENT																
1,000	PERCENT				PERCENT				PERCENT				PERCENT			
(N)	44.3	46.4	46.9	47.2	49.5	52.0	55.5	57.7	60.1	63.3	59.6	64.3	67.7	71.5	75.1	
1,037	45.4	49.3	50.0	50.9	52.4	54.4	59.9	62.0	64.8	67.3	64.6	71.0	74.2	77.7	80.9	
STANDARD DEVIATION:	562	9.2	9.3	9.8	10.9	8.9	8.9	9.4	10.0	10.6	9.3	8.8	9.0	9.2	9.2	
NUMBER OF SMSA'S																
263	208	214	218	229	263	212	215	218	229	247	212	215	218	229	257	

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--





TABLE 13--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, AND 1972, SMSA'S LISTED BY 1970 POPULATION--CONTINUED 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS			
	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
POPULATION	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
STANDARD DEVIATION	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
MEAN, WEIGHTED	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
MEAN, UNWEIGHTED	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
STANDARD DEVIATION	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
NUMBER OF SMSA'S	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
POPULATION LESS THAN 150,000	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
PERCENT	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
NUMBER	1970	1967	1963	1954	1970	1967	1963	1954	1970	1967	1963	1954
78	77	43	45	46	53	77	43	45	46	53	73	73

1/ SMSA'S NOT DEFINED IN 1972 EXCLUDED FROM THE POPULATION GROUPINGS. (D) DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. NA DENOTES THAT DATA ARE NOT AVAILABLE BECAUSE AN SMSA WAS NOT DEFINED. (N) DENOTES NOT APPLICABLE.

2/ POPULATION UNSPECIFIED BECAUSE SMSA'S WERE NOT DEFINED IN 1972.

SOURCES: TABLE 12, AND U.S. DEPARTMENT OF COMMERCE NEWS, CB 74-103, APRIL 26, 1974.

Table 14--Distribution of SMSA's by four-firm concentration ratio in grocery retailing and 1970 population, 1972

Four-firm concentration ratio (percent)	All SMSA's	1970 SMSA population (thousands)							
		2,000 and over	1,000 to 1,999	500 to 999	300 to 499	200 to 299	150 to 199	100 to 149	Under 100
Number of SMSA's									
90.0 - 100.0	0	0	0	0	0	0	0	0	0
80.0 - 89.9	2	0	1	0	0	0	1	0	0
70.0 - 79.9	14	1	0	0	0	3	1	7	2
60.0 - 69.9	48	0	2	3	9	7	7	13	7
50.0 - 59.9	82	4	7	12	9	15	11	12	12
40.0 - 49.9	93	8	7	15	16	17	7	17	6
30.0 - 39.9	19	2	2	4	5	3	2	1	0
20.0 - 29.9	5	0	0	1	2	2	0	0	0
Under 20.0	0	0	0	0	0	0	0	0	0
Total	263	15	19	35	41	47	29	50	27
Percentage of all SMSA's in the population group									
Greater than or equal to:									
60.0	24	7	16	9	22	27	31	40	33
50.0	56	33	52	43	44	68	69	64	78
40.0	91	87	89	85	83	86	93	98	100
Four-firm concentration ratio (percent)									
Unweighted mean	52.4	49.0	52.1	49.0	48.9	51.1	54.9	55.6	57.6
Standard deviation	10.9	10.0	10.0	9.2	11.0	10.9	11.1	10.8	9.2
Weighted mean	49.5	46.9	51.4	49.4	49.5	51.3	54.9	55.5	57.1

Sources: Tables 12 and 13.

Table 15--Distribution of SMSA's by four-firm supermarket concentration ratio in grocery retailing and 1970 population, 1972 1/

Four-firm concentration ratio (percent)	All SMSA's	1970 SMSA population (thousands)							
		2,000 and over	1,000 to 1,999	500 to 999	300 to 499	200 to 299	150 to 199	100 to 149	Under 100
Number of SMSA's									
90.0 - 100.0	18	0	1	0	1	1	1	7	7
80.0 - 89.9	37	1	2	2	7	5	6	11	3
70.0 - 79.9	59	1	4	8	8	13	7	12	6
60.0 - 69.9	64	5	5	9	8	12	12	7	6
50.0 - 59.9	39	5	5	8	10	4	0	5	2
40.0 - 49.9	14	1	2	3	4	2	1	1	0
30.0 - 39.9	5	1	0	1	2	1	0	0	0
Total	236	14	19	31	40	38	27	43	24
Not available <u>2/</u>	27	1	0	4	1	9	2	7	3
Four-firm concentration ratio (percent)									
Mean, unweighted	69.5	60.3	65.4	63.1	65.0	68.6	73.3	76.7	78.0
Standard deviation	13.9	12.6	12.4	11.9	14.4	13.3	9.6	12.8	14.0
Mean, weighted	62.6	56.7	64.8	63.4	65.4	68.3	73.2	75.6	76.2

1/ Includes concentration ratios provided by the Bureau of the Census and concentration ratios estimated by the authors. Estimated concentration ratios do not differ from actual values by more than 1.5 percentage points. Table 25 identifies SMSA's where estimates were made.

2/ Concentration ratios were not reported by the Bureau of the Census to avoid disclosure of individual operations and values were not estimated by the authors.

Sources: Tables 13 and 25.

TABLE 16--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, AND 1972, SMSA'S WITH THE HIGHEST AND LOWEST FOUR-FIRM CONCENTRATION IN 1972 1/

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
	1970 : POPULATION	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972			
20 SMSA'S WITH HIGHEST 4-FIRM CONCENTRATION IN 1972																
-----																
	1,000															
CEDAR RAPIDS IA:	163	45.1	55.9	63.9	80.7	81.1	57.4	75.1	78.0	86.2	90.0	67.9	83.8	87.5	93.2	96.5
DENVER-Boulder CO:	1,237	67.1	66.9	70.4	66.0	80.5	72.9	72.3	75.7	74.9	88.3	77.9	77.9	81.3	84.2	91.9
SIoux FALLS SD:	95	67.2	62.3	70.9	72.3	79.4	73.8	72.7	80.9	84.8	87.2	85.6	86.7	94.7	97.4	97.0
MELBOURNE-TITUSVILLE FL:	230	NA	NA	NA	NA	79.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	94.8
ROCHESTER MN:	84	NA	NA	NA	NA	76.6	NA	NA	NA	NA	91.3	NA	NA	NA	NA	98.2
WASHINGTON DC:	2,909	56.0	59.7	67.3	70.3	76.3	64.2	70.2	78.0	82.5	86.1	69.9	77.5	83.7	86.9	89.3
WILLIAMSPORT PA:	113	NA	NA	NA	NA	73.7	NA	NA	NA	NA	82.8	NA	NA	NA	NA	90.2
DECATUR IL:	125	54.2	64.5	63.2	63.3	73.6	67.6	74.6	75.6	76.5	87.7	79.0	85.6	87.7	90.1	96.8
SARASOTA FL:	120	NA	NA	NA	NA	73.2	NA	NA	NA	NA	84.7	NA	NA	NA	NA	96.3
POUGHKEEPSIE NY:	222	NA	NA	NA	NA	73.0	NA	NA	NA	NA	84.9	NA	NA	NA	NA	90.9
ASHEVILLE NC:	161	(D)	67.9	64.1	67.4	72.8	62.7	73.8	70.8	77.5	82.3	70.4	79.9	79.3	85.1	88.4
LAFAYETTE-WEST LA IN:	109	NA	NA	NA	56.9	72.1	NA	NA	NA	86.4	(D)	NA	NA	NA	96.6	98.6
LOWELL MA:	218	40.0	38.8	37.2	58.5	71.6	52.0	58.6	58.8	71.7	81.5	64.8	72.4	77.8	86.4	89.5
TALLAHASSEE FL:	109	NA	NA	NA	63.1	70.7	NA	NA	NA	77.1	82.4	NA	NA	NA	89.7	90.9
PUEBLO CO:	118	50.1	53.4	62.0	60.2	70.3	60.1	66.4	75.1	75.6	86.2	74.1	82.0	86.0	90.8	95.3
ANCHORAGE AK:	125	NA	NA	NA	NA	70.3	NA	NA	NA	NA	84.4	NA	NA	NA	NA	95.3
FORT LAUDERDALE-H FL:	620	72.3	70.5	65.5	68.6	69.4	78.8	78.7	79.7	81.0	(D)	84.2	87.5	88.9	89.0	91.2
Lubbock TX:	179	58.0	60.1	62.7	64.5	69.4	62.8	65.8	71.0	77.2	81.9	71.5	75.1	81.7	86.4	89.9
DES MOINES IA:	314	36.9	41.4	33.9	44.4	69.4	44.8	51.3	49.3	59.1	81.3	56.0	66.3	71.3	80.4	89.4
Dubuque IA:	91	43.8	54.7	65.5	57.7	69.4	54.0	65.5	75.2	74.3	87.9	56.9	79.2	88.0	86.5	95.4
MEAN, WEIGHTED 2/	(N)	56.5	60.2	64.1	66.6	75.0	64.7	69.9	74.8	78.8	85.9	71.9	78.3	83.2	86.9	91.2
MEAN, UNWEIGHTED	367	53.7	58.0	60.6	63.8	73.6	62.6	68.7	72.3	77.5	85.6	72.4	79.5	84.0	88.8	93.3
STANDARD DEVIATION:	638	11.2	9.5	11.5	8.2	3.8	9.4	7.4	8.9	6.8	3.0	8.0	6.0	5.9	4.5	3.3
NUMBER OF SMSA'S	20	11	12	12	14	20	12	12	12	14	18	12	12	12	14	20

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 16--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, AND 1972, SMSA'S WITH THE HIGHEST AND LOWEST FOUR-FIRM CONCENTRATION IN 1972 1/--CONTINUED

SMSA	4 LARGEST FIRMS				8 LARGEST FIRMS				20 LARGEST FIRMS							
	1970 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	
	POPULAT-ION:	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :	1954 :	1958 :	1963 :	1967 :	1972 :
20 SMSA'S WITH LOWEST 4-FIRM CONCENTRATION IN 1972																
	1,000															

1/ (D) DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. NA DENOTES THAT DATA ARE NOT AVAILABLE BECAUSE AN SMSA WAS NOT DEFINED. (N) DENOTES NOT APPLICABLE. SEE APPENDICES A AND B FOR SMSA DEFINITIONS.  
2/ WEIGHTED BY GROCERY STORE SALES.

SOURCE: TABLE 13.

Table 17--Average four-, eight-, and twenty-firm concentration ratios, by geographic region, and division, SMSA's, 1954, 1958, 1963, 1967, and 1972 1/

Region and division	1970 popu- lation	Four largest firms				Eight largest firms				Twenty largest firms						
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
Northeast:																
New England--																
SMSA's	56	38	43	45	46	56	41	43	45	46	52	41	43	45	46	56
	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	50.5	47.8	48.1	49.4	49.9	58.5	59.4	62.0	63.8	66.1	65.7	68.3	71.9	75.2	78.8
Mean, unweighted	348	46.8	47.8	48.3	51.3	52.3	56.5	60.7	64.0	67.5	70.1	66.3	72.1	76.9	81.1	84.8
Standard deviation	549	6.7	8.3	10.3	9.1	9.7	6.1	7.6	8.9	8.8	9.5	6.6	6.8	7.1	6.9	7.4
Middle Atlantic--																
SMSA's	30	21	22	22	23	30	22	22	22	23	29	22	22	22	23	30
	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	47.7	47.7	44.8	43.6	43.4	53.6	55.0	54.9	55.1	57.7	59.3	62.2	63.4	66.2	69.3
Mean, unweighted	1,085	50.5	52.8	49.6	49.3	49.0	56.7	60.7	60.1	62.1	63.8	62.8	68.1	69.3	73.1	77.2
Standard deviation	1,920	8.9	8.1	7.4	8.1	10.1	7.4	6.5	6.9	8.0	9.8	6.7	5.8	6.1	7.2	9.5
Total Northeast--																
SMSA's	56	38	43	45	46	56	41	43	45	46	52	41	43	45	46	56
	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	48.3	47.7	45.6	44.9	44.9	54.7	56.0	56.6	57.0	59.5	60.7	63.5	65.4	68.2	71.4
Mean, unweighted	743	48.9	50.4	49.0	50.3	50.5	56.6	60.7	62.1	64.8	66.6	64.4	70.1	73.2	77.1	80.8
Standard deviation	1,500	8.2	8.5	9.0	8.7	10.0	6.8	7.0	8.2	8.8	10.2	6.9	6.6	7.6	8.1	9.4

See footnote at end of table.

Continued--



Table 17--Average four-, eight-, and twenty-firm concentration ratios, by geographic region, and division, SMSA's, 1954, 1958, 1963, 1967, and 1972 1/---Continued

Region and division	Four largest firms				Eight largest firms				Twenty largest firms							
	1970 popu- lation	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972
North Central:																
East North Central--																
SMSA's	48	41	42	42	45	48	41	42	42	45	41	42	42	45	45	48
	1,000															
Mean, weighted	NA	45.0	50.5	50.6	52.2	52.2	52.6	58.9	60.1	63.8	65.7	58.6	65.8	67.9	72.6	75.7
Mean, unweighted	624	44.8	50.6	49.7	51.3	52.7	53.5	61.1	61.6	65.9	67.7	63.3	71.8	73.7	79.3	81.9
Standard deviation	1,162	7.0	7.5	8.4	9.4	10.6	7.0	7.5	7.3	9.8	9.6	7.5	8.1	7.9	9.2	8.3
West North Central--																
SMSA's	21	18	18	18	18	21	18	18	18	18	21	18	18	18	18	20
	1,000															
Mean, weighted	NA	39.0	44.1	44.9	45.3	50.3	47.3	52.3	54.6	57.2	61.3	55.6	61.8	65.8	69.1	72.8
Mean, unweighted	436	42.7	46.4	48.9	52.0	56.2	52.6	57.8	61.5	66.0	70.8	63.8	71.1	76.3	80.1	84.7
Standard deviation	627	8.8	7.7	10.7	11.1	13.5	9.1	8.8	10.3	11.0	12.6	10.1	9.9	10.4	10.3	10.7
Total North Central--																
SMSA's	69	59	60	60	63	69	59	60	60	63	65	59	60	60	63	68
	1,000															
Mean, weighted	NA	43.6	49.0	49.2	49.4	51.8	51.3	57.3	58.8	62.3	64.6	57.9	64.9	67.4	71.8	75.1
Mean, unweighted	567	44.2	49.3	49.5	51.5	53.7	53.2	60.1	61.6	65.9	68.7	63.4	71.6	74.4	79.5	82.7
Standard deviation	1,032	7.6	7.8	9.1	9.9	11.6	7.7	8.1	8.3	10.2	10.8	8.4	8.7	8.8	9.5	9.2

See footnote at end of table.

Continued--

Table 17--Average four-, eight-, and twenty-firm concentration ratios, by geographic region, and division, SMSA's, 1954, 1958, 1963, 1967, and 1972 1/--Continued

Region and division	Four largest firms				Eight largest firms				Twenty largest firms			
	1970 popu- lation	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967	1972 : 1972	1954 : 1958	1963 : 1967 : 1972
Southern:												
South Atlantic--												
SMSA's	43	27	29	33	43	29	33	42	28	29	33	43
	1,000	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	51.8	55.7	57.7	58.2	58.7	59.9	64.8	69.1	70.7	71.5	72.6
Mean, unweighted	470	49.7	53.7	54.1	53.8	54.6	58.8	63.4	65.6	67.0	68.8	72.7
Standard deviation	554	10.2	10.0	9.9	10.7	12.4	8.9	9.1	9.4	10.4	10.8	7.9
East South Central--												
SMSA's	17	13	13	13	14	17	13	13	13	14	16	13
	1,000	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	42.3	48.2	48.2	49.6	48.8	49.8	56.7	57.7	59.5	59.7	65.5
Mean, unweighted	363	42.2	47.8	48.5	50.7	49.7	50.6	57.7	58.8	62.4	62.7	67.8
Standard deviation	258	8.5	9.4	9.6	7.9	7.6	8.4	7.9	7.3	7.2	7.6	7.9
West South Central--												
SMSA's	38	31	30	31	33	38	31	31	31	33	36	31
	1,000	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	42.7	45.1	47.3	46.2	47.4	50.5	54.6	56.3	56.8	60.5	65.7
Mean, unweighted	340	44.5	49.0	50.2	49.9	50.9	54.2	59.8	61.2	62.7	65.1	73.0
Standard deviation	490	9.4	8.5	8.1	7.4	9.5	9.6	8.2	8.5	8.8	10.3	9.1
Total Southern--												
SMSA's	98	71	72	73	80	98	72	73	73	80	94	72
	1,000	-	-	-	-	-	-	-	-	-	-	-
Mean, weighted	NA	47.2	51.1	53.0	53.2	53.5	55.2	60.2	63.3	64.7	66.1	63.4
Mean, unweighted	401	46.1	50.7	51.4	51.6	52.3	55.3	60.8	62.5	64.4	66.4	72.0
Standard deviation	493	10.0	9.6	9.4	9.2	10.8	9.6	8.8	9.1	9.5	10.4	8.4

See footnote at end of table.

Continued--

Table 17--Average four-, eight-, and twenty-firm concentration ratios, by geographic region, and division, SMSA's, 1954, 1958, 1963, 1967, and 1972 1/--Continued

Region and division	1970 popu- lation	Four largest firms				Eight largest firms				Twenty largest firms						
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
Western:																
Mountain--																
SMSA's	13	12	12	12	12	13	12	12	12	12	11	12	12	12	12	13
	1,000															
Mean, weighted	NA	54.8	56.2	60.0	56.5	61.8	63.4	66.9	71.8	72.8	78.3	73.8	78.0	83.0	86.8	89.4
Mean, unweighted	367	50.4	53.3	60.5	58.8	60.8	61.6	66.4	73.3	75.6	79.1	75.9	80.5	86.2	89.4	91.2
Standard deviation	357	6.5	9.0	9.6	10.8	9.3	6.1	7.8	7.6	8.2	7.1	6.6	5.7	5.6	4.3	3.9
Pacific--																
SMSA's	27	17	17	18	21	27	17	17	18	21	25	17	17	18	21	27
	1,000															
Mean, weighted	NA	31.8	31.8	35.5	37.4	44.6	41.1	43.0	47.9	52.8	60.1	52.3	55.8	62.7	69.4	75.4
Mean, unweighted	857	34.4	37.9	40.2	42.6	48.6	44.1	48.1	52.8	57.4	63.1	56.2	61.1	67.4	72.5	78.7
Standard deviation	1,372	7.1	8.4	10.3	8.9	8.7	8.3	8.7	10.3	9.1	8.7	8.6	8.8	9.2	8.0	8.0
Total Western--																
SMSA's	40	29	29	30	33	40	29	29	30	33	36	29	29	30	33	40
	1,000															
Mean, weighted	NA	34.9	35.0	39.0	40.1	47.7	44.2	46.2	51.3	55.7	63.2	55.2	58.8	65.6	71.9	77.9
Mean, unweighted	698	41.0	44.3	48.3	48.5	52.6	51.4	55.7	61.0	64.0	68.0	64.4	69.1	74.9	78.7	82.8
Standard deviation	1,168	10.4	11.5	14.1	12.4	10.6	11.4	12.3	13.7	12.4	11.1	12.5	12.3	12.2	10.7	9.1

NA = Not applicable.

1/ Averages are for SMSA's for which data are available. SMSA's are grouped by region and division using 1972 area definitions. See appendix C for an alphabetical listing of SMSA's by region and division. Average concentration ratios for the United States are reported in table 13.

Sources: Table 13 and Bureau of the Census, Census of Retail Trade, 1972, Area Series--United States (RC72-A-52). U.S. Govt. Print. Off., 1975.

Table 18--Average level of grocery store sales concentration of the four largest firms in SMSA's between pairings of census years, 1954, 1958, 1963, 1967, and 1972

Paired years	Number of paired SMSA's	Concentration ratio (percent)									
		Weighted mean					Unweighted mean				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		(208)	(214)	(218)	(229)	(263)	(208)	(214)	(218)	(229)	(263)
		All SMSA's 2/									
		SMSA's in existence between paired years 3/									
1954-72	196	44.2	46.3	46.8	47.0	49.4	45.3	49.2	49.8	50.7	52.1
1958-72	204	--	46.4	46.8	47.0	49.4	--	49.3	49.8	50.7	52.0
1963-72	208	--	--	46.9	47.1	49.4	--	--	49.9	50.8	52.1
1967-72	222	--	--	--	47.1	49.4	--	--	--	50.8	52.1
1954-67	203	44.3	46.3	46.8	47.1	--	45.4	49.2	49.9	50.8	--
1958-67	211	--	46.4	46.9	47.1	--	--	49.3	49.9	50.8	--
1963-67	215	--	--	46.9	47.2	--	--	--	49.9	50.9	--
1954-63	206	44.3	46.3	46.8	--	--	45.4	49.2	49.9	--	--
1958-63	214	--	46.4	46.9	--	--	--	49.3	49.9	--	--
1954-58	206	44.3	46.3	--	--	--	45.4	49.2	--	--	--
		SMSA's with the same definition between paired years 3/ 4/									
1954-72	82	43.0	45.6	46.5	46.5	49.9	44.6	48.8	50.3	51.2	54.5
1958-72	92	--	45.6	46.4	46.3	49.3	--	48.8	50.1	50.8	53.4
1963-72	116	--	--	46.2	46.7	49.6	--	--	49.3	50.3	52.6
1967-72	132	--	--	--	47.0	50.1	--	--	--	50.4	52.9
1954-67	124	43.6	45.6	45.8	45.8	--	44.9	49.3	50.6	51.7	--
1958-67	146	--	46.0	46.2	46.3	--	--	49.5	50.5	51.6	--
1963-67	204	--	--	46.5	46.9	--	--	--	49.8	51.0	--
1954-63	133	43.8	45.9	46.3	--	--	45.0	49.4	50.9	--	--
1958-63	157	--	46.3	46.8	--	--	--	49.6	50.7	--	--
1954-58	174	43.8	46.2	--	--	--	45.2	49.6	--	--	--

-- = Not applicable. 1/ Standard deviation of the unweighted mean. 2/ Number of SMSA's is in parentheses. 3/ An SMSA was deleted from the pairings when the concentration ratio was suppressed by the Bureau of the Census in one or more of the paired years. 4/ SMSA's made up of the same political subdivisions each year.

Sources: Table 12 and appendix B.

Table 19--Average level of grocery store sales concentration of the eight largest firms in SMSA's between pairings of census years, 1954, 1958, 1963, 1967, and 1972

Paired years	Number of paired SMSA's	Concentration ratio (percent)														
		Weighted mean					Unweighted mean					Standard deviation 1/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		All SMSA's 2/														
		SMSA's in existence between paired years 3/														
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		SMSA's with the same definition between paired years 3/ 4/														
1954-72	192	52.0	55.1	57.2	59.4	62.7	54.3	59.7	61.8	64.5	66.8	8.9	8.9	9.4	10.0	10.7
1958-72	195	--	55.2	57.3	59.4	62.7	--	59.7	61.7	64.5	66.8	--	8.9	9.4	9.9	10.6
1963-72	198	--	--	57.3	59.4	62.8	--	--	61.8	64.6	66.9	--	--	9.4	10.0	10.5
1967-72	209	--	--	--	59.5	62.8	--	--	--	64.5	66.8	--	--	--	9.9	10.5
1954-67	208	52.0	55.4	57.6	60.0	--	54.4	59.9	61.9	64.7	--	9.0	8.9	9.5	10.1	--
1958-67	212	--	55.5	57.6	60.0	--	--	59.8	61.8	64.7	--	--	8.9	9.4	10.0	--
1963-67	215	--	--	57.6	60.1	--	--	--	61.9	64.7	--	--	--	9.4	10.0	--
1954-63	211	52.0	55.5	57.6	--	--	54.5	59.9	62.0	--	--	8.9	8.9	9.5	--	--
1958-63	215	--	55.5	57.6	--	--	--	59.9	61.9	--	--	--	8.9	9.4	--	--
1954-58	211	52.0	55.5	--	--	--	54.5	59.9	--	--	--	8.9	8.9	--	--	--
		SMSA's with the same definition between paired years 3/ 4/														
1954-72	79	51.3	55.1	57.7	60.0	63.9	54.1	59.9	63.0	65.7	69.8	9.9	9.2	9.4	9.9	10.6
1958-72	86	--	54.9	57.5	59.7	63.4	--	59.4	62.6	65.1	68.9	--	9.1	9.3	9.9	11.0
1963-72	110	--	--	56.8	59.7	63.4	--	--	61.6	64.5	67.9	--	--	9.2	9.5	10.4
1967-72	123	--	--	--	59.7	63.7	--	--	--	64.2	67.7	--	--	--	9.4	10.1
1954-67	126	51.5	55.1	57.3	59.6	--	54.5	60.6	63.2	66.2	--	9.7	9.4	9.6	10.3	--
1958-67	146	--	55.2	57.5	59.8	--	--	60.3	62.8	65.7	--	--	9.4	9.6	10.2	--
1963-67	204	--	--	57.3	59.9	--	--	--	61.8	65.0	--	--	--	9.3	9.8	--
1954-63	136	51.7	55.4	57.8	--	--	54.5	60.6	63.4	--	--	9.5	9.4	9.8	--	--
1958-63	158	--	55.5	58.0	--	--	--	60.3	62.9	--	--	--	9.3	9.7	--	--
1954-58	177	51.5	55.4	--	--	--	54.4	60.4	--	--	--	9.2	9.1	9.7	--	--

--- = Not applicable. 1/ Standard deviation of the unweighted mean. 2/ Number of SMSA's is in parentheses. 3/ An SMSA was deleted from the pairings when the concentration ratio was suppressed by the Bureau of the Census in one or more of the paired years. 4/ SMSA's made up of the same political subdivisions each year.

Sources: Table 12 and appendix B.





TABLE 21--HERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS,  
AND SMALL GROCERY STORES, SMSA'S, 1972 1/

SMSA	HERFINDAHL INDEX										CONCENTRATION RATIO										DISPARITY INDEX FOR : SUPER- : FOUR LARGEST FIRMS : MARKET : SHARE									
	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/	ALL STORES	SUPERMARKETS 2/	SMALL STORES 3/
	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8
	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8
	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.	PCT.
ABILENE	TX: .1022	.0843	.0154	.2686	.2535	.0151	.0399	.0279	48.1	21.7	D	33.0	13.6	.461	D	.024	54.9													
AKRON	OH: .1012	.0887	.0111	.1579	.1490	.0070	.1049	.1016	53.4	17.5	D	D	D	.245	D	.294	D	76.0												
ALBANY	GA: .0709	.0538	.0124	.1463	.1231	.0218	.0503	.0395	44.9	22.2	67.9	28.3*	D	.069	D	.069	D	66.2												
ALBANY-SCHENECTAD	NY: .0828	.0782	.0035	.1342	.1268	.0060	.1000	.0666	53.2	11.6	67.5	D	D	.106	D	.114	D	73.6												
ALBUQUERQUE	NM: .1297	.1177	.0115	.2035	.1909	.0125	.0915	.0857	66.3	17.9	84.4	14.6*	D	.071	D	.071	D	78.5												
ALEXANDRIA	LA: .0540	.0495	.0021	.2206	.2175	.0031	.0122	.0038	44.0	8.3	92.2	7.8*	10.8	.024	D	.024	D	47.7*												
ALLEN-TOWN-BETHLEH	PA: .0495	.0422	.0032	.0835	.0712	.0059	.0098	.0062	40.3	11.2	52.5*	15.3	13.7	.333	D	.333	D	73.1												
ALTOONA	PA: .1079	.0965	.0093	.1798	.1614	.0184	.0647	.0560	56.4	18.4	75.7*	24.3	42.4	.214	D	.127*	D	63.6*												
AMARILLO	TX: .1375	.1253	.0099	.2107	.1982	.0112	.1069	.0975	62.7	19.4	74.9	D	D	.273	D	.415	D	76.3												
ANAHEIM-SANTA ANA	CA: .0836	.0638	.0135	.1025	.0787	.0166	.0412	.0379	44.1	23.2	49.0	D	32.9	.314	D	.314	D	90.6												
ANCHORAGE	AK: .1525	.1457	.0050	.1992	.1925	.0057	.0494	.0248	70.3	14.1	80.8	D	31.4	.179	D	.179	D	87.0												
ANDERSON	IN: .1225	.1127	.0064	.1773	.1661	.0089	.0604	.0428	61.8	15.9	D	D	D	.179	D	.179	D	81.9												
ANN ARBOR	MI: .1176	.1088	.0074	.1519	.1422	.0085	.0417	.0288	65.2	15.4	74.4*	16.7*	31.2*	.023	D	.023	D	87.8*												
APPLETON-OSHKOSH	WI: .0343	.0185	.0064	.0554	.0314	.0109	.0203	.0056	26.6	14.8	34.6	19.3	15.0	.046	D	.046	D	76.8												
ASHEVILLE	NC: .1579	.1549	.0025	.2504	.2463	.0040	.0540	.0476	72.8	9.4	89.0*	11.0*	32.5	.169	D	.169	D	76.0*												
ATLANTA	GA: .0861	.0786	.0071	.1601	.1483	.0113	.0196	.0180	54.6	13.8	74.5	14.4	22.7	.055	D	.055	D	70.4												
ATLANTIC CITY	NJ: .1106	.1047	.0041	.1860	.1791	.0063	.0330	.0243	63.1	11.9	82.6*	14.2	29.8	.051	D	.051	D	75.7												
AUGUSTA	GA: .0704	.0569	.0113	.1373	.1191	.0167	.0222	.0158	47.2	19.3	D	D	24.2	.024	D	.024	D	65.3												
AUSTIN	TX: .0968	.0841	.0098	.1777	.1696	.0066	.0467	.0383	51.8	18.8	76.5	D	37.0	.253	D	.253	D	71.3												
BAKERSFIELD	CA: .0538	.0468	.0033	.1165	.1049	.0075	.0140	.0062	40.8	10.6	61.6	15.9	D	.128	D	.128	D	66.8												
BALTIMORE	MD: .0949	.0912	.0032	.1489	.1437	.0046	.0099	.0084	57.0	10.5	71.3*	12.0*	D	.130*	D	.130*	D	78.6												
BATON ROUGE	LA: .0691	.0597	.0079	.1526	.1448	.0062	.0436	.0397	47.2	15.4	73.4*	13.7*	26.5	.071	D	.071	D	63.6												
BATTLE CREEK	MI: .0855	.0732	.0101	.1415	.1246	.0151	.0244	.0124	52.6	D	68.5*	23.5*	21.3	.058	D	.058	D	75.3												
BAY CITY	MI: .1342	.1285	.0048	.2130	.2059	.0071	.0281	.0142	68.0	13.0	86.0	14.0*	20.8	.113	D	.113	D	79.0*												
BEAUMONT-PORT ART	TX: .0553	.0475	.0039	.1457	.1305	.0100	.0101	.0040	34.3	12.2	56.8	19.4	12.5	.020	D	.020	D	60.3												
BILLINGS	MT: .0942	.0810	.0057	.1545	.1394	.0098	.0792	.0631	54.9	D	72.0	D	D	.077	D	.077	D	76.2												
BILOXI-GULFPORT	MS: .0954	.0812	.0127	.2007	.1790	.0217	.0236	.0152	51.0	19.0	75.7*	24.3*	21.7	.251	D	.251	D	65.5*												
BINGHAMTON	NY: .0665	.0468	.0175	.0930	.0709	.0188	.0338	.0278	41.8	25.4	D	D	D	.072	D	.072	D	75.9												
BIRMINGHAM	AL: .0639	.0583	.0043	.1181	.1090	.0076	.0100	.0067	47.7	10.6	D	D	16.0	.024	D	.024	D	70.8												
BLOOMINGTON-NORMA	IL: .1100	.0983	.0080	.2063	.1900	.0163	.0460	.0202	57.0	15.6	80.5*	19.5*	28.4	.210	D	.210	D	67.9*												
BOISE CITY	ID: .1324	.1239	.0071	.2340	.2245	.0096	.0588	.0444	65.2	15.6	85.7*	14.3	39.5	.167	D	.167	D	72.4*												
BOSTON	MA: .0738	.0667	.0061	.1107	.1026	.0068	.0084	.0068	49.0	14.1	60.6	D	15.4	.110	D	.110	D	79.6												
BRIDGEPORT	CT: .0670	.0478	.0173	.1055	.0754	.0280	.0148	.0089	43.5	25.9	55.1*	32.9	D	.008	D	.008	D	78.6												
BRISTOL	CT: .1046	.0813	.0207	.1370	.1079	.0275	.0800	.0605	55.3	28.1	63.7	32.4	D	.065	D	.065	D	86.8*												
BROCKTON	MA: .1492	.1435	.0043	.2261	.2181	.0074	.0588	.0489	68.5	12.6	81.7	D	D	.225	D	.225	D	80.2												
BROWNSVILLE-HARLI	TX: .0700	.0544	.0119	.1216	.0975	.0195	.0185	.0059	44.0	19.1	58.8*	D	13.7	.125	D	.125	D	72.4												

CONTINUED--

SEE FOOTNOTE AT END OF TABLE.

TABLE 21--PERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS,  
AND SMALL GROCERY STORES, SMSA'S, 1972 1/--CONTINUED

SMSA	HERFINDAHL INDEX										CONCENTRATION RATIO										DISPARITY INDEX FOR : SUPER-									
	ALL STORES					SUPERMARKETS 2/					SMALL STORES 3/					ALL STORES					SMALL STORES 3/					FOUR LARGEST FIRMS : SHARE OF				
	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8
BRYAN-COLLEGE STA	TX: .1117	.0968	.0135	.2120	.2026	.0094	.0559	.0400	57.9	19.3	D	D	D	D	18.3	4.5	D	D	D	.154	D	D	D	D	D	71.1*	.188	.169	.067	.73.3
BUFFALO	NY: .0470	.0405	.0042	.0710	.0610	.0063	.0123	.0099	38.2	11.8	45.7	14.7	18.3	D	D	4.5	D	D	D	.111	.169	D	D	D	D	71.1*	.188	.169	.067	.73.3
BURLINGTON	NC: .0915	.0788	.0110	.1632	.1446	.0174	.0364	.0263	54.8	18.4	72.8	23.8*	D	D	D	D	D	D	D	.051	.091	D	D	D	D	71.1*	.188	.169	.067	.73.3
CANTON	OH: .0485	.0297	.0105	.0743	.0505	.0143	.0537	.0483	33.7	20.2	42.9	23.8	40.2	D	8.3	D	D	D	D	.047	.047	D	D	D	D	71.1*	.188	.169	.067	.73.3
CEDAR RAPIDS	IA: .2200	.2169	.0026	.2942	.2919	.0023	.0492	.0301	81.1	8.8	92.7*	7.3*	34.2	D	20.6	D	D	D	D	.318	.359*	D	D	D	D	71.1*	.188	.169	.067	.73.3
CHAMPAIGN-URBANA-	IL: .2054	.1972	.0059	.2843	.2750	.0082	.0535	.0311	66.1	14.7	78.4*	D	35.2	D	21.7	D	D	D	D	.807	.790*	D	D	D	D	71.1*	.188	.169	.067	.73.3
CHARLESTON	SC: .0393	.0203	.0126	.0675	.0382	.0211	.0249	.0181	26.3	21.7	36.1*	28.0	D	D	D	D	D	D	D	.172*	.172*	D	D	D	D	71.1*	.188	.169	.067	.73.3
CHARLESTON	WV: .1236	.1198	.0012	.2404	.2355	.0017	.0155	.0077	51.1	6.6	70.4*	D	D	D	D	D	D	D	D	.838	.801*	D	D	D	D	71.1*	.188	.169	.067	.73.3
CHARLOTTE-GASTONI	NC: .0751	.0655	.0076	.1352	.1185	.0154	.0232	.0197	48.6	17.0	65.5	D	26.4	D	6.0	D	D	D	D	.111	.104	D	D	D	D	71.1*	.188	.169	.067	.73.3
CHATTANOOGA	TN: .0836	.0768	.0032	.1485	.1377	.0056	.0141	.0081	43.9	11.2	56.6	14.8	17.4	D	8.6	D	D	D	D	.595	.722	D	D	D	D	71.1*	.188	.169	.067	.73.3
CHICAGO	IL: .1176	.1146	.0027	.1739	.1696	.0040	.0081	.0075	57.2	9.2	D	D	15.2	D	1.2	D	D	D	D	.402	.402	D	D	D	D	71.1*	.188	.169	.067	.73.3
CINCINNATI	OH: .1201	.1148	.0045	.2389	.2309	.0071	.0130	.0110	49.9	13.3	70.0*	15.8*	14.6	D	4.0	D	D	D	D	.843	.885*	D	D	D	D	71.1*	.188	.169	.067	.73.3
CLEVELAND	OH: .0949	.0880	.0062	.1568	.1500	.0058	.0298	.0285	51.9	13.9	67.8	D	24.0	D	1.4	D	D	D	D	.308	.306	D	D	D	D	71.1*	.188	.169	.067	.73.3
COLORADO SPRINGS	CO: .1606	.1465	.0119	.2264	.2142	.0119	.2263	.2191	64.3	21.3	76.6	21.5*	58.8	D	D	D	D	D	D	.417	.460	D	D	D	D	71.1*	.188	.169	.067	.73.3
COLUMBIA	MO: .0796	.0566	.0145	.1055	.0787	.0174	.0743	.0542	45.7	22.7	53.9	D	D	D	D	D	D	D	D	.082	.082	D	D	D	D	71.1*	.188	.169	.067	.73.3
COLUMBIA	SC: .0573	.0502	.0029	.1065	.0957	.0051	.0192	.0140	42.9	10.7	59.3*	14.4*	20.6	D	6.6	D	D	D	D	.090	.088*	D	D	D	D	71.1*	.188	.169	.067	.73.3
COLUMBUS	GA: .0415	.0307	.0045	.1075	.0862	.0107	.0221	.0133	32.6	13.4	D	D	22.4	D	12.6	D	D	D	D	.154	.154	D	D	D	D	71.1*	.188	.169	.067	.73.3
COLUMBUS	OH: .0910	.0827	.0075	.1516	.1424	.0082	.0210	.0168	50.7	17.0	66.1	15.8	22.5	D	7.2	D	D	D	D	.286	.304	D	D	D	D	71.1*	.188	.169	.067	.73.3
CORPUS CHRISTI	TX: .1059	.0984	.0050	.2025	.1969	.0032	.0477	.0425	54.3	13.0	78.5*	11.1	D	D	D	D	D	D	D	.332	.278*	D	D	D	D	71.1*	.188	.169	.067	.73.3
DALLAS-FT WORTH	TX: .0835	.0728	.0090	.1606	.1461	.0140	.0277	.0255	46.6	19.0	65.2	22.3	25.0	D	6.7	D	D	D	D	.340	.377	D	D	D	D	71.1*	.188	.169	.067	.73.3
DANBURY	CT: .0956	.0792	.0137	.1351	.1164	.0166	.0342	.0189	55.3	21.5	67.0	23.9	27.2	D	16.8	D	D	D	D	.036	.036	D	D	D	D	71.1*	.188	.169	.067	.73.3
DAVENPORT-ROCK IS	IA: .1532	.1474	.0050	.2241	.2176	.0061	.0231	.0123	67.0	13.7	81.4	D	19.8	D	D	D	D	D	D	.315	.315	D	D	D	D	71.1*	.188	.169	.067	.73.3
DAYTON	OH: .0601	.0525	.0031	.0905	.0807	.0052	.0208	.0158	40.9	10.6	50.6	14.4	20.6	D	7.0	D	D	D	D	.259	.259	D	D	D	D	71.1*	.188	.169	.067	.73.3
DAYTONA BEACH	FL: .1258	.1195	.0053	.2423	.2394	.0027	.0749	.0683	65.4	12.4	D	D	40.2	D	8.3	D	D	D	D	.118	.118	D	D	D	D	71.1*	.188	.169	.067	.73.3
DECATUR	IL: .1532	.1457	.0066	.2159	.2105	.0054	.0633	.0411	73.6	14.1	87.5*	12.1*	D	D	D	D	D	D	D	.076	.076	D	D	D	D	71.1*	.188	.169	.067	.73.3
DENVER-BOULDER	CO: .2515	.2492	.0021	.3185	.3168	.0016	.0768	.0734	80.5	7.8	90.5*	6.0*	D	D	4.4	D	D	D	D	.538	.547*	D	D	D	D	71.1*	.188	.169	.067	.73.3
DES MOINES	IA: .1664	.1610	.0046	.2222	.2157	.0059	.0201	.0072	69.4	11.9	80.4	D	D	D	D	D	D	D	D	.336	.336	D	D	D	D	71.1*	.188	.169	.067	.73.3
DETROIT	MI: .0848	.0636	.0299	.1311	.1001	.0308	.0032	.0024	49.8	D	62.4*	D	9.3	D	2.1	D	D	D	D	.028*	.028*	D	D	D	D	71.1*	.188	.169	.067	.73.3
DUBUQUE	IA: .2032	.1906	.0120	.3419	.3315	.0104	.1070	.0971	69.4	18.5	89.8*	10.2*	51.3	D	13.4	D	D	D	D	.583	.644*	D	D	D	D	71.1*	.188	.169	.067	.73.3
DULUTH-SUPERIOR	MN: .0728	.0652	.0040	.1564	.1437	.0075	.0173	.0086	43.2	12.5	D	D	D	D	7.4	D	D	D	D	.394	.394	D	D	D	D	71.1*	.188	.169	.067	.73.3
EL PASO	TX: .0932	.0867	.0038	.2019	.1954	.0051	.0341	.0250	54.1	11.9	78.8	D	30.3	D	13.3	D	D	D	D	.185	.258	D	D	D	D	71.1*	.188	.169	.067	.73.3
ELMIRA	NY: .0796	.0557	.0202	.1278	.0936	.0308	.0435	.0309	46.5	27.4	59.8	34.3*	31.7	D	14.3	D	D	D	D	.029	.046	D	D	D	D	71.1*	.188	.169	.067	.73.3
ERIE	PA: .0875	.0787	.0047	.1868	.1752	.0078	.0406	.0335	43.9	13.5	D	D	32.2	D	D	D	D	D	D	.631	.631	D	D	D	D	71.1*	.188	.169	.067	.73.3
EUGENE-SPRINGFIELD	OR: .0812	.0736	.0036	.1415	.1297	.0063	.0123	.0036	46.9	11.1	62.3	14.8	11.9	D	8.2	D	D	D	D	.338	.338	D	D	D	D	71.1*	.188	.169	.067	.73.3
EVANSVILLE	IN: .0605	.0524	.0038	.1006	.0890	.0051	.0296	.0210	41.4	12.2	52.1	D	22.5	D	9.7	D	D	D	D	.226	.313	D	D	D	D	71.1*	.188	.169	.067	.73.3
FALL RIVER	MA: .1076	.0944	.0113	.1705	.1517	.0182	.0344	.0219	57.9	D	72.7*	24.8	26.4	D	18.4	D	D	D	D	.125	.148*	D	D	D	D	71.1*	.188	.169	.067	.73.3

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SEE FOOTNOTE AT END OF TABLE.

TABLE 21--HERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS, AND SMALL GROCERY STORES, SMSA'S, 1972 1/--CONTINUED

SMSA	HERFINDAHL INDEX										CONCENTRATION RATIO										DISPARITY INDEX FOR : SUPER- FOUR LARGEST FIRMS : MARKET SHARE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	ALL STORES					SUPERMARKETS 2/					SMALL : ALL : SUPER-					MARKETS 2/ : STORES 3/ :					: SUPER-:SMALL : OF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	HERF : H4	HERF : H5-8	HERF : H4	HERF : H5-8	HERF : H4	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8	CR4 : 5-8

SEE FOOTNOTE AT END OF TABLE.

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TABLE 21--HERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS,  
AND SMALL GROCERY STORES, SMSA'S, 1972 1/--CONTINUED

	HERFINDAHL INDEX										CONCENTRATION RATIO										DISPARITY INDEX FOR : SUPER-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	ALL STORES					SUPERMARKETS 2/					SMALL STORES 3/					ALL					SUPER-					MARKETS 2/					SMALL STORES 3/					ALL					MAR-					STORES:TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
SMSA	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8	HERF	H4	H5-8</

SEE FOOTNOTE AT END OF TABLE.

CONTINUED--







TABLE 21---PERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS,  
AND SMALL GROCERY STORES, SMSA'S, 1972 1/2---CONTINUED

	HERFINDAHL INDEX										CONCENTRATION RATIO										DISPARITY INDEX FOR : SUPER-														
	ALL STORES					SUPERMARKETS 2/					SMALL STORES 3/					ALL STORES					SUPER- 2/					SMALL STORES 3/					FOUR LARGEST FIRMS : MARKET SHARE				
	HERF : H4 :H5-B :																																		

CONTINUED--

SEE FOOTNOTE AT END OF TABLE.

TABLE 21--HERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS,  
AND SMALL GROCERY STORES, SMSA'S, 1972 1/--CONTINUED

HERFINDAHL INDEX										CONCENTRATION RATIO										DISPARITY INDEX FOR : SUPER- FOUR LARGEST FIRMS : MARKET SHARE : SUPER : SMALL : OF												
ALL STORES					SUPERMARKETS 2/					ALL : STORES					MARKETS 2/ : STORES 3/					: SUPER : SMALL : OF					: SUPER : SMALL : OF							
HERF : H4 : H5-8					HERF : H4 : H5-8					HERF : H4 : H5-8					CR4 : 5-8 : CR4 : 5-8					CR4 : 5-8 : CR4 : 5-8					CR4 : 5-8 : CR4 : 5-8							
PCT.																																
WEST PALM BEACH-B	FL:1295	.1226	.0057	.2086	.2022	.0060	.0504	.0430	64.7	14.3	83.1	12.3	39.4	12.8	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172	.172
WHEELING	WV:0820	.0720	.0070	.1632	.1458	.0141	.0189	.0096	46.1	16.1	63.8	22.5	19.2	10.9	.352	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433	.433
WICHITA	KS:0662	.0553	.0066	.0919	.0758	.0106	.0263	.0148	40.5	15.9	47.6	20.1	22.7	12.9	.350	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337	.337
WICHITA FALLS	TX:1263	.1203	.0044	.2747	.2719	.0029	.0481	.0354	65.8	11.3	94.6	5.4	34.8	13.6	.112	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214	.214
WILLIAMSPORT	PA:1724	.1695	.0022	.2863	.2836	.0027	.0462	.0351	73.7	9.1	93.7	6.3	33.6	13.7	.248	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292	.292
WILMINGTON	DE:1257	.1195	.0051	.1837	.1759	.0071	.0311	.0271	63.9	13.9	77.6	15.9	28.9	6.7	.170	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169	.169
WILMINGTON	NC:0890	.0765	.0102	.1754	.1559	.0189	.0362	.0269	52.3	17.7	73.9	23.6	30.1	12.3	.120	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142	.142
WORCESTER	MA:0530	.0382	.0087	.0742	.0539	.0129	.0241	.0163	32.9	18.6	38.9	22.6	D	D	.408	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424	.424
YAKIMA	WA:0855	.0763	.0047	.1635	.1507	.0053	.0205	.0061	44.6	13.4	61.6	D	15.7	13.8	.537	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588	.588
YORK	PA:0651	.0551	.0072	.1197	.1046	.0119	.0175	.0087	44.4	16.8	60.6	21.8	18.1	11.5	.117	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139	.139
YOUNGSTOWN-WARREN	OH:0406	.0290	.0077	.0729	.0599	.0070	.0289	.0245	32.1	14.7	D	14.5	27.3	5.3	.126	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
MEAN, WEIGHTED 4/	.0891	.0805	.0066	.1440	.1326	.0091	.0250	.0206	49.5	13.9	62.6	15.7	20.4	5.8	.237	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239	.239
MEAN, UNWEIGHTED	.0987	.0888	.0072	.1707	.1581	.0102	.0371	.0278	52.4	15.0	69.5	17.1	25.6	10.2	.230	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249	.249
STANDARD DEVIATION	.0402	.0423	.0043	.0648	.0695	.0066	.0295	.0287	10.9	4.7	13.9	7.0	10.9	5.1	.192	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203	.203
CORRELATION COEFFICIENTS																																
NUMBER																																
NUMBER OF SMSA'S	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263
HERFINDAHL INDEX																																
ALL STORES--																																
HERF	1.00																															
H4	.99	1.00																														
H5-8	.21	.31	1.00																													
SUPERMARKET--2/																																
HERF	.85	.86	.31	1.00																												
H4	.84	.86	.38	1.00	1.00																											
H5-8	.35	.43	.89	.40	.48	1.00																										
SMALL STORES--3/																																
HERF	.38	.33	.35	.27	.25	.12	1.00																									
H4	.34	.29	.33	.23	.21	.09	.98	1.00																								
CONCENTRATION RATIO																																
ALL STORES--																																
CR4	.91	.92	.22	.78	.79	.37	.40	.36	1.00																							
CR5-8	.27	.36	.97	.36	.43	.87	.36	.34	.29	1.00																						

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.



Table 22--Herfindahl indexes, concentration ratios, and disparity indexes for all grocery stores, supermarkets, and small grocery stores, 1972, SMSA summaries by population, region and 1972 four-firm concentration ratio 1/

Item	Herfindahl index										Concentration ratio										Disparity index for four largest firms										Super-market share of total sales	
	All stores					Supermarkets 2/					Small stores 3/					All stores					Super-markets 2/					Small stores 3/						
	H4		H5-8		Herf	H4		H5-8		Herf	H4		H5-8		Herf	CR4		CR5-8		CR4		CR5-8		All stores		Super-markets 2/		Small stores 3/				
SMSA's with 1 million or more population																																
Index																																
Percent																																
Mean, weighted 4/	.0851	.0772	.0063	.1308	.1200	.0088	.0171	.0155	48.3	13.2	59.4	14.9	16.6	3.4											.239	.228	.396				78.8	
Mean, unweighted	.0921	.0847	.0058	.1425	.1330	.0077	.0219	.0197	50.7	13.0	63.2	13.4	19.4	4.1											.252	.259	.442				78.6	
Standard deviation	.0415	.0432	.0044	.0569	.0601	.0063	.0208	.0205	10.3	4.6	12.6	4.7	7.3	1.9											.205	.212	.312				5.2	
Number of SMSA's																																
	34	34	34	34	34	34	34	34	34	34	33	33	22	29	29										34	33	29				34	
SMSA's with 300,000 - 999,999 population																																
Index																																
Percent																																
Mean, weighted 4/	.0880	.0788	.0068	.1458	.1341	.0090	.0313	.0260	49.5	14.8	64.2	16.3	23.6	6.9											.225	.249	.330				74.8	
Mean, unweighted	.0863	.0767	.0070	.1446	.1322	.0094	.0310	.0253	48.9	15.2	64.2	17.0	24.1	7.4											.221	.241	.330				74.3	
Standard deviation	.0345	.0368	.0042	.0526	.0575	.0056	.0299	.0303	10.3	5.1	13.3	6.5	11.0	2.7											.196	.206	.294				7.1	
Number of SMSA's																																
	76	76	76	76	76	76	76	76	76	76	74	71	42	63	52										76	71	63				76	
SMSA's with 150,000 - 299,999 population																																
Index																																
Percent																																
Mean, weighted 4/	.1020	.0928	.0062	.1790	.1670	.0090	.0353	.0246	52.4	14.0	69.8	17.3	23.4	10.7											.279	.291	.252				72.6	
Mean, unweighted	.1028	.0937	.0062	.1821	.1701	.0091	.0354	.0244	52.5	13.9	70.5	17.1	24.3	11.7											.281	.303	.221				72.2	
Standard deviation	.0424	.0444	.0034	.0631	.0675	.0050	.0295	.0296	11.2	3.8	12.1	5.6	9.2	4.1											.207	.224	.291				8.6	
Number of SMSA's																																
	76	76	76	76	76	76	76	76	76	76	70	65	46	66	54										76	65	66				76	
SMSA's with less than 150,000 population																																
Index																																
Percent																																
Mean, weighted 4/	.1084	.0968	.0087	.1936	.1788	.0129	.0504	.0366	53.9	16.8	75.8	18.3	30.4	13.3											.181	.214	.237				71.6	
Mean, unweighted	.1096	.0979	.0089	.1977	.1829	.0131	.0513	.0373	56.3	16.9	77.1	18.8	32.1	14.4											.178	.200	.229				71.2	
Standard deviation	.0395	.0425	.0045	.0672	.0747	.0081	.0268	.0273	10.4	4.7	13.1	8.7	11.2	4.2											.151	.162	.233				9.6	
Number of SMSA's																																
	77	77	77	77	77	77	77	77	77	77	70	67	54	57	56										77	67	57				77	

See footnotes at end of table.

Continued--

Table 22--Herfindahl indexes, concentration ratios, and disparity indexes for all grocery stores, supermarkets, and small grocery stores, 1972, SMSA summaries by population, region and 1972 four-firm concentration ratio 1/---Continued

Item	Herfindahl index						Concentration ratio						Disparity index for four largest firms				Super-market share of total sales		
	All stores		Supermarkets 2/		Small stores 3/		All stores		Super-markets 2/		Small stores 3/		All stores		Super-markets 2/			Small stores 3/	
	Herf	H4	H5-8	Herf	H4	H5-8	Herf	H4	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8		CR4	CR5-8
	Herf	H4	H5-8	Herf	H4	H5-8	Herf	H4	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8	CR4	CR5-8		CR4	CR5-8
SMSA's in the Northeastern region																			
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TABLE 23--ALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

SMSA	ALL FIRMS										FOUR LARGEST FIRMS									
	FIRMS		STORES		ANNUAL		PAYROLL		STORES		ANNUAL		PAYROLL		STORES		ANNUAL		PAYROLL	
	2/		3/		SALES		EES		3/		SALES		EES		3/		SALES		EES	
	NO.	MIL.	NO.	MIL.	1,000	PCT.	NO.	PCT.	NO.	PCT.	1,000	PCT.	NO.	PCT.	NO.	PCT.	1,000	PCT.	NO.	PCT.
	NO.	DOL.	NO.	DOL.	DOL.	%	NO.	%	NO.	%	DOL.	%	NO.	%	NO.	%	DOL.	%	NO.	%
FARGO-MOORHEAD	89	98	49	939	4,155	501	8.57	11	11.2	26	53.6	447	47.6	2,393	9.20					
FAYETTEVILLE	189	205	60	982	4,824	291	8.47	28	13.7	29	48.9	436	44.4	1,844	8.43					
FAYETTEVILLE-SPRI	147	151	67	980	5,001	444	7.77	15	9.9	28	42.2	415	42.3	1,886	8.43					
FITCHBURG-LEOMINS.	49	50	49	938	3,816	773	7.92	5	10.0	22	48.4	354	37.7	4,320	7.08					
FLINT	325	334	260	3,492	21,103	778	8.27	35	10.5	118	45.5	1,213	34.7	3,377	8.34					
FLORENCE	259	230	49	646	3,013	211	7.10	12	5.2	20	41.4	257	35.8	1,677	8.24					
FORT LAUDERDALE-H	249	505	418	7,205	34,764	828	8.37	87	17.2	290	69.4	4,723	65.6	3,336	8.03					
FT MYERS	99	130	71	1,166	5,421	543	7.93	16	12.3	44	62.8	705	60.5	2,770	7.28					
FT SMITH	248	226	73	1,200	4,976	322	7.51	14	6.2	29	39.5	467	38.9	2,053	8.13					
FT WAYNE	132	170	156	2,735	14,008	918	9.01	29	17.1	88	56.5	1,501	54.9	3,039	9.04					
FRESNO	358	401	199	2,908	17,738	495	9.17	26	6.5	54	27.2	687	23.6	2,079	10.64					
GADSDEN	157	157	42	630	2,790	269	7.14	9	5.7	19	44.8	274	43.5	2,100	7.64					
GAINESVILLE	94	128	60	1,059	4,357	466	7.44	36	28.1	37	61.8	589	53.6	1,024	7.16					
GALVESTON-TEXAS C	164	214	81	1,309	6,723	379	8.52	17	7.9	36	44.2	523	40.0	2,109	8.69					
GARY-HAMMOND-EAST	342	369	305	5,100	28,663	828	9.52	35	9.5	109	35.8	1,554	30.5	3,121	9.77					
GRAND RAPIDS	256	271	328	5,025	24,328	1,210	7.48	27	10.0	222	67.8	3,132	62.3	8,240	7.26					
GREAT FALLS	50	58	35	529	3,229	609	9.24	10	17.2	24	67.6	342	64.7	2,386	10.08					
GREEN BAY	69	89	66	1,384	5,487	746	8.41	23	25.8	45	67.2	937	67.7	1,940	8.80					
GREENSBORO-WINSTO	838	940	325	5,096	25,151	345	8.20	67	7.1	119	36.5	1,769	34.7	1,769	8.27					
GREENVILLE-SPARTA	588	648	235	3,752	16,498	363	7.37	61	9.4	149	63.4	2,432	64.8	2,442	7.09					
HAMILTON-MIDDLETO	182	199	99	1,529	7,911	499	8.16	20	10.1	51	51.6	641	41.9	2,564	8.57					
HARRISBURG	310	364	196	3,200	14,782	538	7.95	40	11.0	100	51.1	1,467	45.8	2,502	7.84					
HARTFORD	339	419	329	6,008	27,671	786	8.51	57	13.6	135	40.9	2,365	39.4	2,363	8.47					
HONOLULU	283	314	281	4,314	23,414	894	8.51	37	11.8	151	53.6	1,728	43.1	4,070	7.92					
HOUSTON	1,637	2,226	1,076	18,269	90,585	483	8.65	145	6.5	374	34.7	5,477	30.0	2,578	8.85					
HUNTINGTON-ASHLAN	435	385	138	2,152	9,848	359	7.51	15	3.9	40	29.2	503	23.4	2,692	7.78					
HUNTSVILLE	411	404	115	1,757	7,907	286	7.40	29	7.2	56	48.6	758	43.1	1,934	7.39					
INDIANAPOLIS	464	609	482	7,296	43,929	792	9.19	131	21.5	254	52.7	3,142	43.1	1,942	9.73					
JACKSON	107	107	68	944	5,634	637	8.41	15	14.0	43	63.0	562	59.5	2,861	9.20					
JACKSON	298	359	127	1,868	9,070	354	7.43	34	9.5	71	55.9	928	49.7	2,086	7.47					
JACKSONVILLE	567	749	281	4,429	20,118	375	7.44	79	10.5	158	56.2	2,262	51.1	1,997	7.44					
JERSEY CITY	643	585	205	3,153	17,597	351	9.35	33	5.6	91	44.2	1,380	43.8	2,746	9.29					
JOHNSTOWN	262	282	103	1,689	8,253	364	8.67	36	12.8	55	53.4	903	53.5	1,524	10.14					
KALAMAZOO-PORTAGE	118	142	36	2,177	11,368	956	8.48	30	21.1	88	64.9	1,322	60.7	2,938	8.03					
KANSAS CITY	482	710	588	8,605	59,953	828	10.29	129	18.2	290	49.3	3,821	44.4	2,248	10.80					
KENOSHA	84	86	50	931	4,583	586	9.30	12	14.0	27	54.5	411	44.1	2,288	9.81					

SEE FOOTNOTES AT END OF TABLE.

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TABLE 23--ALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/2--CONTINUED

SMSA	ALL FIRMS										FOUR LARGEST FIRMS									
	FIRMS		STORES		ANNUAL		PAYROLL		STORES		ANNUAL		PAYROLL		STORES		ANNUAL		PAYROLL	
	2/		3/		: SALES		: PER		: PERCENT		: SALES		: PER		: PERCENT		: SALES		: PER	
	: SALES		: SALES		: SALES		: SALES		: SALES		: SALES		: SALES		: SALES		: SALES		: SALES	
	NO.	MIL.	NO.	MIL.	NO.	1,000	PCT.	NO.	PCT.	MIL.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
		DOL.		DOL.		DOL.														
KILLEEN-TEMPLE TX: 154	182	61	1,054	4,307	335	7.30	14	7.7	24	40.1	329	31.2	1,747	6.54						
KINGSFORD-BRISTOL TN: 443	435	101	1,565	6,649	233	7.20	20	4.6	36	35.6	628	40.1	1,801	7.88						
KNOXVILLE TN: 439	487	193	3,066	14,246	397	7.66	55	11.3	104	53.9	1,413	46.1	1,895	7.69						
LA CROSSE WI: 56	58	34	647	2,944	584	8.94	6	10.3	16	47.7	306	47.3	2,696	9.78						
LAFAYETTE LA: 172	174	54	774	3,779	310	7.78	11	6.3	22	41.0	288	37.2	2,011	7.58						
LAFAYETTE-WEST LA IN: 36	43	49	742	4,224	1,139	8.67	9	20.9	35	72.1	508	68.5	3,924	8.31						
LAKE CHARLES LA: 160	193	66	1,080	4,984	343	7.87	21	10.9	30	45.0	441	40.8	1,417	9.36						
LAKELAND-WINTER H FL: 211	302	131	2,250	10,579	435	8.22	29	9.6	76	57.5	1,175	52.2	2,606	7.60						
LANCASTER PA: 240	281	123	2,274	10,273	439	8.82	23	8.2	56	45.8	873	38.4	2,456	8.53						
LANSING-EAST LANS MI: 231	261	179	2,735	14,470	585	8.19	18	6.9	76	42.8	964	35.2	4,249	8.20						
LAREDO TX: 110	115	42	793	2,720	363	6.72	11	9.6	24	56.6	446	56.2	2,151	6.63						
LAS VEGAS NV: 96	166	169	2,482	16,057	1,020	9.52	21	12.7	97	57.5	1,313	52.9	4,634	9.71						
LAWRENCE-HAVERHIL MA: 175	179	124	2,100	9,477	693	7.88	19	10.6	69	55.7	1,071	51.0	3,636	7.80						
LAWTON OK: 60	83	30*	518	2,397	367*	8.22	10	12.0	18	58.9	240	46.3	1,972	8.44						
LEWISTON-AUBURN ME: 93	91	41	751	3,094	448	7.85	9	9.9	24	60.1	469	62.5	2,720	7.93						
LEXINGTON KY: 269	255	125	2,142	10,286	490	9.51	33	12.9	75	60.4	1,130	52.8	2,285	8.55						
LIMA OH: 156	179	86	1,421	7,051	504	8.38	21	12.4	45	52.1	606	42.6	2,126	9.01						
LINCOLN NE: 61	66	64	1,233	5,391	967	8.48	15	22.7	37	57.3	676	54.8	2,437	8.72						
LITTLE ROCK-NORTH AR: 286	312	144	1,992	10,721	462	7.77	42	13.5	89	61.8	1,102	55.3	2,121	7.74						
LONG BRANCH-ASSUR NJ: 226	278	266	4,465	25,111	957	9.58	42	15.1	142	53.4	2,274	50.9	3,382	9.83						
LORAIN-ELYRIA OH: 127	165	112	1,941	10,109	679	9.21	19	11.5	48	42.5	643	33.1	2,505	9.79						
LOS ANGELES-LONG CA: 2,527	3,213	3,278	46,589	330,806	1,020	10.23	286	8.9	1,167	35.6	14,097	30.3	4,081	9.57						
LOUISVILLE KY: 570	611	381	5,980	30,429	624	8.11	84	13.7	209	54.8	2,569	43.0	2,486	7.83						
LOWELL MA: 101	115	90	1,774	6,759	780	7.63	18	15.7	64	71.6	1,201	67.7	3,567	7.40						
LUBBOCK TX: 120	151	82	1,324	5,956	541	7.49	32	21.2	57	69.4	896	67.7	1,772	7.17						
LYNCHBURG VA: 191	185	66	977	4,768	356	7.52	13	7.0	27	40.9	356	36.4	2,071	7.35						
MACON GA: 249	298	103	1,768	8,137	346	8.14	25	8.4	52	50.3	783	44.3	2,076	7.52						
MADISON WI: 136	165	129	2,397	11,701	781	9.13	30	18.2	61	47.4	1,070	44.6	2,036	9.33						
MANCHESTER NH: 141	135	75	1,244	5,931	554	8.18	8	5.9	25	33.5	391	31.4	3,134	8.02						
MANSFIELD OH: 73	78	56	918	5,041	723	9.07	5	6.4	29	50.8	422	46.0	5,733	9.45						
MCALLEN-PHARR-EDI TX: 297	302	63	1,198	3,996	208	6.92	16	5.3	26	41.7	483	40.3	1,639	6.36						
MELBOURNE-TITUSVI FL: 93	186	112	1,746	8,378	600	7.58	40	21.5	88	79.0	1,297	74.3	2,207	7.52						
MEMPHIS TN: 851	932	364	6,006	28,434	391	8.07	91	9.8	151	41.4	2,135	35.5	1,656	8.21						
MERIDEN CT: 44	43	26	445	2,161	608	8.62	5	11.6	18	67.5	299	67.2	3,531	8.37						
MIAMI FL: 809	1,076	676	11,344	57,038	629	8.57	153	14.2	425	62.8	6,969	61.4	2,778	8.36						
MIDLAND TX: 55	64	28	498	2,330	438	8.43	9	14.1	18	63.7	255	51.2	1,981	7.48						

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.





TABLE 23--ALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

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SEE FOOTNOTES AT END OF TABLE.



TABLE 23--ALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

SMSA	ALL FIRMS										FOUR LARGEST FIRMS									
	FIRMS : 2/	STORES : 3/	ANNUAL : SALES :	EMPLOY- : EES :	PAY- : ROLL :	ANNUAL : SALES :	PER : DOLLAR :	PERCENT : OF SMSA : TOTAL :	NO. :	PCT. :	MIL. : DOL. :	NO. :	PCT. :	ANNUAL : SALES :	PER : DOLLAR :	PERCENT : OF SMSA : TOTAL :	NO. :	PCT. :	ANNUAL : SALES :	PER : DOLLAR :
SARASOTA	FL: 62	99	81	1,288	6,361	820	7.86	18	18.2	59	73.2	939	72.9	3,304	7.26					
SAVANNAH	GA: 224	233	92	1,508	6,693	397	7.46	13	5.6	39	42.3	523	34.7	3,011	6.66					
SEATTLE-EVERETT	WA: 741	966	717	9,907	67,293	742	9.52	138	14.3	352	49.0	4,321	43.6	2,549	9.87					
SHERMAN-DENISON	TX: 99	121	35	536	2,541	290	7.70	19	15.7	20	57.7	281	52.4	1,064	8.03					
SHREVEPORT	LA: 401	448	152	2,357	11,411	339	7.99	81	18.1	69	45.5	1,108	47.0	851	8.65					
SIoux CITY	IA: 83	88	51	850	4,108	577	8.17	14	15.9	23	45.9	408	48.0	1,663	8.63					
SIoux FALLS	SD: 45	55	39	702	2,976	712	7.65	16	29.1	31	79.4	536	76.4	1,943	7.72					
SOUTH BEND	IN: 146	155	119	1,958	10,140	771	8.59	21	13.5	56	47.3	755	38.6	2,689	8.65					
SPOKANE	WA: 154	177	132	2,079	12,065	744	9.30	35	19.8	82	62.4	1,229	59.1	2,347	9.73					
SPRINGFIELD	IL: 98	104	83	1,440	7,211	797	8.80	16	15.4	46	55.6	703	48.8	2,881	9.06					
SPRINGFIELD	MO: 99	141	78	1,040	6,493	552	8.50	25	17.7	36	58.8	538	51.7	1,829	8.63					
SPRINGFIELD	OH: 130	143	78	1,297	6,445	545	8.41	26	18.2	44	44.2	514	39.6	1,323	8.48					
SPRINGFIELD-CHICO	MA: 272	317	211	4,640	20,173	665	9.72	37	11.7	99	47.0	1,958	42.2	2,677	9.75					
STAMFORD	CT: 125	146	125	2,101	10,741	856	8.76	24	16.4	54	43.4	961	45.7	2,260	9.09					
STEUBENVILLE-WEIR	OH: 186	180	72	1,233	5,422	401	7.80	10	5.6	31	43.2	520	41.8	3,118	8.88					
STOCKTON	CA: 202	233	128	1,706	11,994	550	9.64	21	9.0	44	34.0	548	32.1	2,074	10.33					
SYRACUSE	NY: 411	473	308	5,126	26,097	652	8.69	46	9.7	92	29.9	1,506	29.4	2,006	8.33					
TACOMA	WA: 181	226	155	2,204	13,761	684	9.04	35	15.5	76	49.1	1,057	48.0	2,167	9.44					
TALLAHASSEE	FL: 100	137	59	946	4,353	428	7.62	35	25.5	41	70.7	618	65.3	1,184	7.08					
TAMPA-ST PETERSBU	FL: 580	1,039	582	9,944	45,210	561	7.87	130	12.5	370	63.5	5,787	58.2	2,844	7.31					
TERRE HAUTE	IN: 179	163	75	1,227	6,300	461	8.66	10	6.1	42	56.1	632	51.5	4,214	9.43					
TEXARKANA	TX: 222	218	53	844	3,486	243	7.35	14	6.4	22	41.1	308	36.5	1,557	7.42					
TOLEDO	OH: 415	506	356	5,512	30,425	704	8.66	90	17.8	196	55.0	2,721	49.4	2,177	8.56					
TOPEKA	KS: 104	115	77	1,373	6,354	666	8.42	19	16.5	27	35.7	431	31.4	1,438	8.09					
TRENTON	NJ: 208	218	152	2,075	14,745	699	9.95	26	11.9	76	50.1	849	42.8	2,939	10.11					
TUCSON	AZ: 198	340	199	3,274	15,286	586	7.79	103	30.3	91	45.8	1,522	46.5	886	8.14					
TULSA	OK: 375	516	272	4,260	25,658	526	9.71	57	11.0	143	52.5	2,046	48.0	2,502	10.62					
TUSCALOOSA	AL: 173	185	54	819	3,877	289	7.75	18	9.7	35	65.6	514	62.8	1,951	7.88					
TYLER	TX: 113	126	47	748	3,453	373	7.76	16	12.7	31	67.0	473	63.2	1,968	7.95					
UTICA-ROME	NY: 273	303	138	2,216	11,669	456	8.92	35	11.6	54	39.4	921	41.6	1,556	9.74					
VALLEJO-FAIRFIELD	CA: 117	155	113	1,375	10,941	731	9.76	18	11.6	56	49.4	569	41.4	3,109	9.82					
VINELAND-MILLVILL	NJ: 135	137	66	904	5,522	484	8.62	12	8.8	41	62.3	491	54.3	3,443	9.10					
WACO	TX: 184	220	72	1,193	5,123	327	7.50	39	17.7	44	61.6	667	55.9	1,138	7.24					
WASHINGTON	DC: 856	1,343	1,367	20,610	140,347	1,018	10.37	305	22.7	1,043	76.3	14,901	72.3	3,420	10.37					
WATERBURY	CT: 189	201	98	1,544	7,373	489	7.81	13	6.5	46	46.8	724	46.9	3,541	7.53					
WATERLOO-CEDAR FA	IA: 64	72	56	970	4,966	782	8.90	13	18.1	37	65.0	577	59.5	2,814	9.59					

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 23--ALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/---CONTINUED

SMSA	ALL FIRMS										FOUR LARGEST FIRMS									
	FIRMS					STORES					ANNUAL SALES					PAYROLL				
	2/	3/	SALES	EMPLOYEES	ANNUAL PAYROLL	2/	3/	SALES	EMPLOYEES	ANNUAL PAYROLL	2/	3/	SALES	EMPLOYEES	ANNUAL PAYROLL	2/	3/	SALES	EMPLOYEES	ANNUAL PAYROLL
	NO.	NO.	MIL. DOL.	NO.	1,000 DOL.	NO.	NO.	MIL. DOL.	NO.	1,000 DOL.	NO.	NO.	MIL. DOL.	NO.	1,000 DOL.	NO.	NO.	MIL. DOL.	NO.	1,000 DOL.
WEST PALM BEACH-B FL	199	360	233	3,953	18,961	648	8.22	151	44	12.2	64.7	2,461	62.3	3,431	7.88					
WHEELING WV	194	208	87	1,284	6,843	420	8.06	40	16	7.7	46.1	464	36.1	2,519	8.75					
WICHITA KS	159	205	163	2,879	13,745	797	8.51	66	41	20.0	40.5	945	32.8	1,613	8.15					
WICHITA FALLS TX	91	123	46	636	3,522	375	7.84	38	21	17.1	73.7	371	58.3	1,447	8.06					
WILLIAMSPORT PA	78	98	51	685	3,625	523	7.64	161	19	19.4	63.9	2,111	56.0	1,989	8.07					
WILMINGTON DE	294	363	252	3,772	23,838	694	9.78	33	55	15.2	52.3	498	52.4	2,926	10.07					
WILMINGTON NC	176	194	63	951	4,489	323	7.60	19	19	9.8	32.9	1,016	29.8	1,724	7.67					
WORCESTER MA	197	224	175	3,409	14,077	783	8.21	34	22	9.8	44.6	443	41.3	2,624	8.29					
YAKIMA WA	125	123	76	1,073	6,369	618	8.54	61	16	13.0	44.4	941	39.0	2,905	8.74					
YORK PA	231	267	137	2,413	10,916	515	8.29	72	21	7.9	32.1	1,233	30.0	3,122	7.99					
YOUNGSTOWN-WARREN OH	368	429	224	4,107	20,815	521	9.48	210	23	5.4	49.5	1,884	48.1	2,609	10.61					
MEAN, WEIGHTED	--	--	--	--	--	608	9.03	--	--	11.6	--	--	45.5	2,605	9.06					
MEAN, UNWEIGHTED	364	430	261	4,141	22,983	607	8.50	129	50	13.0	52.4	1,884	48.1	2,609	8.61					
STANDARD DEVIATION	634	717	459	7,245	43,764	225	'81	210	72	5.9	10.9	3,084	11.3	942	1.01					
NUMBER OF SMSA'S	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263

1/ "D" IN A DATA CELL DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. AN "N" DESIGNATES AN ESTIMATE PREPARED BY USDA-FTC FOR THIS REPORT. ESTIMATED SALES, PRIOR TO ROUNDING, DO NOT DIFFER FROM ACTUAL SALES BY MORE THAN 1.5 PERCENT.

2/ FIRMS IN BUSINESS AT ANY TIME DURING 1972.

3/ STORES OPEN AT THE END OF 1972.

4/ SALES FOR STORES OPEN AT ANY TIME DURING 1972 DIVIDED BY NUMBER OF STORES OPEN AT THE END OF THE YEAR.

5/ CALCULATED USING PAYROLL AND SALES OF ESTABLISHMENTS REPORTING PAYROLL.

SOURCES: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS AND BUREAU OF THE CENSUS, CENSUS OF RETAIL TRADE, 1972, AREA SERIES FOR EACH STATE.

Table 24--All grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972

Item	All firms										Four largest firms									
	Firms		Stores		Annual sales		Payroll		Sales		Stores		Annual sales		Payroll		Sales		Payroll	
	1/	2/	1/	2/	Annual sales	Payroll	Annual sales	Payroll	Annual sales	Payroll	Total	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total
SMSA's with 1 million or more population																				
Mean, weighted	--	--	--	--	Mil. dol.	No.	1,000 dol.	--	Pct.	No.	--	Pct.	Mil. dol.	No.	--	Pct.	1,000 dol.	No.	--	Pct.
Mean, unweighted	1,377	1,659	1,125	17,503	104,102	725	9.30	189	11.4	189	11.4	48.3	544	50.7	7,761	44.3	2,882	46.1	2,942	9.51
Standard deviation	1,335	1,430	849	13,664	83,271	185	.71	120	4.3	120	4.3	10.3	359	10.3	5,492	10.8	734	10.8	734	.85
Number of SMSA's																				
	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
SMSA's with 300,000 - 999,999 population																				
Mean, weighted	--	--	--	--	Mil. dol.	No.	1,000 dol.	--	Pct.	No.	--	Pct.	Mil. dol.	No.	--	Pct.	1,000 dol.	No.	--	Pct.
Mean, unweighted	366	439	246	4,014	20,369	613	8.52	51	11.7	51	11.7	49.5	122	48.9	1,821	45.4	2,364	44.7	2,588	8.54
Standard deviation	189	206	94	1,580	7,973	203	.68	27	5.3	27	5.3	10.3	56	10.3	912	10.6	996	10.6	996	.92
Number of SMSA's																				
	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
SMSA's with 150,000 - 299,999 population																				
Mean, weighted	--	--	--	--	Mil. dol.	No.	1,000 dol.	--	Pct.	No.	--	Pct.	Mil. dol.	No.	--	Pct.	1,000 dol.	No.	--	Pct.
Mean, unweighted	177	197	101	1,631	8,317	583	8.41	23	11.4	23	11.4	52.4	53	52.5	787	48.2	2,354	48.5	2,506	8.56
Standard deviation	83	81	24	390	2,288	221	.79	9	6.8	9	6.8	11.2	17	11.2	263	11.9	782	11.9	782	1.05
Number of SMSA's																				
	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
SMSA's with less than 150,000 population																				
Mean, weighted	--	--	--	--	Mil. dol.	No.	1,000 dol.	--	Pct.	No.	--	Pct.	Mil. dol.	No.	--	Pct.	1,000 dol.	No.	--	Pct.
Mean, unweighted	98	108	53	844	4,221	574	8.21	13	12.4	13	12.4	55.9	30	56.3	436	51.6	2,212	51.9	2,584	8.41
Standard deviation	51	50	14	220	1,302	249	.76	7	6.0	7	6.0	10.4	9	10.4	139	10.3	1,086	10.3	1,086	.98
Number of SMSA's																				
	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77

See footnotes at end of table.

Continued--

Table 24--All grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

Item	All firms										Four largest firms														
	Firms					Stores					Annual sales					Employees					Sales				
	1/ :	2/ :	Annual payroll :	Employ- ees :	Sales per store 3/ :	Payroll per dollar 4/ :	Total :	Percent of SMSA total :	Total :	Percent of SMSA total :	Total :	Percent of SMSA total :	Total :	Percent of SMSA total :	Total :	Sales per store 3/ :	Sales per dollar 4/ :	Sales per dollar 4/ :	Sales per dollar 4/ :	Sales per dollar 4/ :					
SMSA's in the Northeastern region																									
Mean, weighted	--	--	--	No.	- 1,000 dol.	-	Pct.	No.	--	10.0	--	44.9	Pct.	No.	Pct.	1,000 dol.	Pct.								
Mean, unweighted	507	561	333	5,578	28,913	636	8.59	56	56	11.4	149	50.5	2,372	48.4	42.5	2,668	9.06								
Standard deviation	1,076	1,169	628	10,524	57,628	164	.65	90	90	3.4	243	10.1	3,773	10.7	10.7	944	.91								
Number of SMSA's	56	56	56	56	56	56	56	56	Number	56	56	56	56	56	56	56	56								
SMSA's in the North Central region																									
Mean, weighted	--	--	--	No.	- 1,000 dol.	-	Pct.	No.	--	13.9	--	51.8	Pct.	No.	Pct.	1,000 dol.	Pct.								
Mean, unweighted	302	350	252	4,032	22,881	746	8.75	49	49	15.5	130	53.7	1,902	48.3	47.2	2,685	9.39								
Standard deviation	562	640	461	7,244	44,752	186	.65	87	87	6.6	250	11.7	3,764	12.2	12.2	1,065	.76								
Number of SMSA's	69	69	69	69	69	69	69	69	Number	69	69	69	69	69	69	69	69								
SMSA's in the Southern region																									
Mean, weighted	--	--	--	No.	- 1,000 dol.	--	Pct.	No.	--	10.9	--	53.5	Pct.	No.	Pct.	1,000 dol.	Pct.								
Mean, unweighted	342	415	193	3,115	15,646	426	7.94	45	45	11.2	103	52.3	1,526	48.1	49.0	2,270	8.40								
Standard deviation	315	411	242	3,877	22,050	141	.62	51	51	5.1	144	10.9	2,120	11.3	11.3	658	.80								
Number of SMSA's	98	98	98	98	98	98	98	98	Number	98	98	98	98	98	98	98	98								
SMSA's in the Western region																									
Mean, weighted	--	--	--	No.	- 1,000 dol.	--	Pct.	No.	--	12.7	--	47.7	Pct.	No.	Pct.	1,000 dol.	Pct.								
Mean, unweighted	319	421	345	4,833	32,837	773	9.30	53	53	15.1	164	52.6	2,051	47.4	42.4	3,085	9.62								
Standard deviation	475	598	563	7,835	56,542	213	.73	59	59	6.8	223	10.7	2,694	10.5	10.5	900	.75								
Number of SMSA's	40	40	40	40	40	40	40	40	Number	40	40	40	40	40	40	40	40								

See footnotes at end of table.

Continued--

Table 24--All grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

Item	All firms										Four largest firms									
	Firms	Stores	Annual sales	Employees	Annual payroll	Sales per store	Payroll per store	Stores	Annual sales	Employees	Sales per store	Payroll per store	Firms	Stores	Annual sales	Employees	Sales per store	Payroll per store		
	1/	2/	3/	4/	5/	6/	7/	8/	9/	10/	11/	12/	13/	14/	15/	16/	17/	18/		
SMSA's with 1972 four-firm concentration ratios of 60 percent or over																				
Mean, weighted	--	--	--	--	--	--	No.	1,000 dol.	--	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.		
Mean, unweighted	163	215	148	2,354	12,647	701	8.43	36	18.1	101	67.2	1,514	62.7	2,772	8.43					
Standard deviation	170	250	206	3,206	19,936	260	.81	45	6.6	152	5.2	2,233	6.4	1,101	1.01					
Number of SMSA's	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64		
SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent																				
Mean, weighted	--	--	--	--	--	--	No.	1,000 dol.	--	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.		
Mean, unweighted	359	421	252	4,026	22,119	602	8.51	55	12.9	139	54.7	2,065	50.3	2,697	8.66					
Standard deviation	580	656	429	6,824	41,589	200	.78	87	4.5	240	2.7	3,675	5.0	1,004	1.01					
Number of SMSA's	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82		
SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent																				
Mean, weighted	--	--	--	--	--	--	No.	1,000 dol.	--	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.		
Mean, unweighted	396	466	283	4,384	24,694	563	8.51	50	10.8	130	45.0	1,816	40.6	2,480	8.65					
Standard deviation	438	524	373	5,650	33,873	207	.85	57	4.3	178	2.7	2,470	4.1	803	1.02					
Number of SMSA's	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93		
SMSA's with 1972 four-firm concentration ratios less than 40 percent																				
Mean, weighted	--	--	--	--	--	--	No.	1,000 dol.	--	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.		
Mean, unweighted	786	891	514	8,354	46,872	546	8.59	66	8.1	172	33.6	2,521	30.2	2,603	9.32					
Standard deviation	1,495	1,649	987	15,821	95,610	200	.76	113	3.4	325	3.7	4,668	5.0	652	.97					
Number of SMSA's	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		

-- = Not applicable. 1/ Firms in business any time during 1972. 2/ Stores open at end of 1972. 3/ Sales for stores open any time during 1972 divided by stores open at end of year. 4/ Calculated using payroll and sales of establishments reporting payroll. Sources: Tables 12, 13, and 23 and appendix A.

TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/

ALL SUPERMARKETS										FOUR LARGEST SUPERMARKET FIRMS 2/									
SMSA	FIRMS 3/	STORES 4/	ANNUAL SALES 5/	EMPLOY- EES 6/	PAY- ROLL 7/	SALES PER STORE 8/	PAYROLL PER DOLLAR 9/	SALES PER STORE 10/	EMPLOY- EES 11/	ANNUAL SALES 12/	EMPLOY- EES 13/	PAY- ROLL 14/	SALES PER STORE 15/	PAYROLL PER DOLLAR 16/	SALES PER STORE 17/	PAYROLL PER DOLLAR 18/	SALES PER STORE 19/	PAYROLL PER DOLLAR 20/	SALES PER STORE 21/
	NO.	MIL. DOL.	1,000 DOL.	NO.	PCT.	NO.	PCT.	MIL. DOL.	1,000 DOL.	NO.	PCT.	MIL. DOL.	1,000 DOL.	NO.	PCT.	MIL. DOL.	1,000 DOL.	NO.	PCT.
ABILENE TX:	7	14	26.4	354	2,113	1,885	8.01	11	78.6	160.4	67.9	D	D	2,295	63.9	D	D	3,273	9.79
AKRON OH:	33	95	236.3	3,593	23,153	2,487	9.80	49	51.6	18.5	67.9	D	D	261	70.5	D	D	3,081	7.43
ALBANY GA:	9	12	27.2	370	1,952	2,270	7.17	6	50.0	189.7	67.5	D	D	3,420	68.2	D	D	2,563	8.14
ALBANY-SCHENECTAD NY:	36	121	281.1	5,013	23,136	2,324	8.23	74	61.2	96.6	84.4	D	D	1,194	84.0	D	D	2,301	7.31
ALBUQUERQUE NM:	9	48	114.4	1,421	8,420	2,384	7.36	42	81.5	24.5	92.2	D	D	286	D	D	D	2,727	7.05
ALEXANDRIA LA:	6	11	26.6*	D	D	2,421*	D	5	81.8	108.2*	52.5*	D	D	D	D	D	D	2,576*	D
ALLEN-TOWN-BETHLEH PA:	32	69	206.2	3,486	19,564	2,988	9.49	42	60.9	27.6*	75.7*	D	D	D	D	D	D	1,724*	D
ALTOONA TX:	8	21	36.5*	D	D	1,736*	D	16	76.2	42.6	74.9	D	D	586	74.3	D	D	2,507	7.36
AMARILLO TX:	10	27	56.9	789	4,192	2,109	7.36	17	63.0	320.2	49.0	D	D	3,719	44.6	D	D	3,407	9.34
ANAHEIM-SANTA ANA CA:	36	227	654.1	8,337	65,399	2,881	10.00	94	41.4	53.5	80.8	D	D	566	72.9	D	D	5,351	10.89
ANCHORAGE AK:	10	17	66.2	776	7,142	3,895	10.79	10	58.8	86.2*	74.4*	D	D	D	D	D	D	4,103*	D
ANDERSON IN:	10	19	52.3	768	4,468	2,752	8.55	13	68.4	29.3	34.6	D	D	446	32.8	D	D	2,250	9.05
ANN ARBOR MI:	15	34	115.8*	D	D	3,406*	D	21	61.8	53.1*	89.0*	D	D	D	D	D	D	2,126*	D
APPLETON-OSHKOSH WI:	29	47	84.5	1,358	7,525	1,797	8.91	23	27.7	380.9	74.5	D	D	5,143	73.2	D	D	2,093	8.13
ASHEVILLE NC:	7	28	59.7*	D	D	2,132*	D	25	89.3	58.5*	82.6*	D	D	D	D	D	D	3,078*	D
ATLANTA GA:	45	249	511.4	7,024	42,259	2,054	8.26	182	73.1	D	D	D	D	D	D	D	D	D	D
ATLANTIC CITY NJ:	10	26	70.8	931	7,096	2,723	10.02	19	73.1	D	D	D	D	D	D	D	D	D	D
AUGUSTA GA:	11	35	74.4	1,027	5,176	2,125	6.96	23	65.7	91.2	76.5	D	D	1,561	74.2	D	D	2,764	7.30
AUSTIN TX:	17	49	119.2	2,104	9,149	2,434	7.67	33	67.3	60.1	61.0	D	D	654	55.6	D	D	2,503	9.62
BAKERSFIELD CA:	23	44	98.5	1,177	9,193	2,238	9.34	24	58.5	518.6*	71.3*	D	D	D	D	D	D	3,813*	D
BALTIMORE MD:	74	234	727.8	10,938	74,327	3,110	10.21	136	58.1	90.1*	73.4*	D	D	D	D	D	D	2,650*	D
BATON ROUGE LA:	20	54	122.7	1,682	9,903	2,272	8.07	34	63.0	45.7*	68.5*	D	D	D	D	D	D	3,264*	D
BATTLE CREEK MI:	12	24	66.8	944	6,293	2,782	9.43	14	58.3	37.3	86.0	D	D	364	D	D	D	3,389	8.17
BAY CITY MI:	7	14	43.3*	D	D	3,095*	D	11	78.6	59.2	56.8	D	D	771	51.9	D	D	3,286	8.05
BEAUMONT-PORT ART TX:	23	37	104.2	1,485	8,223	2,817	7.89	18	48.6	21.6	72.0	D	D	290	72.0	D	D	2,165	9.24
BILLINGS MT:	10	14	30.1	403	2,658	2,149	8.84	10	71.4	34.7*	75.7*	D	D	D	D	D	D	1,653*	D
BILOXI-GULFPORT MS:	8	27	45.9*	D	D	1,698*	D	21	77.8	D	D	D	D	D	D	D	D	D	D
BINGHAMTON NY:	25	62	118.9	1,652	9,267	1,917	7.80	27	43.5	D	D	D	D	D	D	D	D	D	D
BIRMINGHAM AL:	42	113	251.0	3,806	20,166	2,421	8.04	67	59.3	D	D	D	D	D	D	D	D	D	D
BLOOMINGTON-NORMA IL:	7	10	27.0*	D	D	2,695*	D	7	70.0	21.7*	80.5*	D	D	D	D	D	D	3,099*	D
BOISE CITY ID:	7	17	40.8*	D	D	2,401*	D	13	76.5	35.0*	85.7*	D	D	D	D	D	D	2,692*	D
BOSTON MA:	95	313	1,054.5	20,287	91,950	3,369	8.72	157	50.2	638.6	60.6	D	D	11,643	57.4	D	D	4,067	8.45
BRIDGEPORT CT:	18	47	159.3	2,509	13,875	3,389	8.71	29	61.7	87.8*	55.1*	D	D	D	D	D	D	3,027*	D
BRISTOL CT:	9	11	26.9*	D	D	2,446*	D	5	45.5	17.1	63.7	D	D	304	D	D	D	3,426	7.65
BROCKTON MA:	10	21	62.2	1,315	5,850	2,962	9.40	13	61.9	50.8	81.7	D	D	1,092	83.0	D	D	3,909	9.58
BROWNSVILLE-HARLI TX:	14	23	48.7	1,036	3,685	2,117	7.57	10	43.5	28.6*	58.8*	D	D	D	D	D	D	2,863*	D

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.





TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/2--CONTINUED

ALL SUPERMARKETS										FOUR LARGEST SUPERMARKET FIRMS 2/									
SMSA	FIRMS: 3/	STORES: 4/	ANNUAL: 5/	EMPLOY- 6/	PAY- ROLL	SALES PER DOLLAR	PCT.	NO.	MIL. DOL.	PAYROLL: PER DOLLAR	STORES TOTAL	PCT.	NO.	MIL. DOL.	PCT.	NO.	PCT.	1,000 DOL.	PCT.
FARGO-MOORHEAD ND:	13	16	37.4	671	3,376	2,338	9.02	11	68.7	26.3	70.3	447	66.6	2,393	9.20				
FAYETTEVILLE NC:	7	14	32.2*	D	2,303*	D	D	11	78.6	D	D	D	D	D	D				
FAYETTEVILLE-SPRI AR:	15	21	24.3*	621	3,651	2,158	8.06	10	47.6	21.6	55.5	354	48.1	4,320	7.08				
FITCHBURG-LEOMINS MA:	12	13	38.9	736	3,081	2,995	7.91	5	38.5	117.9*	57.1*	257	D	3,468*	D				
FLINT MI:	30	76	206.5	2,576	17,568	2,716	8.51	34	44.7	19.5	77.8	D	D	2,167	7.74				
FLORENCE AL:	8	13	25.1*	D	D	1,929*	D	9	69.2	286.8*	85.6*	D	D	3,415*	D				
FORT LAUDERDALE-H FL:	17	103	335.2*	D	3,937	2,847	7.44	15	75.0	44.1*	83.3*	D	D	2,939*	D				
FT MYERS FL:	9	20	52.9	848	3,310	1,932	7.79	14	63.6	28.7	67.6	467	66.1	2,953	8.13				
FT SMITH AR:	13	22	42.5	707															
FT WAYNE IN:	22	50	130.3	2,213	11,718	2,606	8.99	27	54.0	86.3*	66.3*	D	D	3,198*	D				
FRESNO CA:	35	59	127.5	1,807	12,709	2,161	9.97	23	39.0	53.3*	41.8*	D	D	2,318*	D				
GADSDEN AL:	11	14	27.5	416	1,995	1,963	7.26	7	50.0	D	D	D	D	D	D				
GAINESVILLE FL:	9	16	43.2	681	3,075	2,697	7.13	11	68.7	36.8	85.4	573	84.1	3,349	6.87				
GALVESTON-TEXAS C TX:	17	29	51.5*	D	D	1,776*	D	16	55.2	34.9*	67.7*	D	D	2,179*	D				
GARY-HAMMOND-EAST IN:	39	81	263.0	4,194	25,545	3,247	9.71	30	37.0	105.1*	40.0*	D	D	3,505*	D				
GRAND RAPIDS MI:	32	58	281.7	4,164	21,060	4,858	7.47	27	46.6	222.5	79.0	3,132	75.2	8,240	7.26				
GREAT FALLS MT:	7	13	27.5*	D	D	2,116*	D	10	76.9	23.9	86.7	342	D	2,386	10.08				
GREEN BAY WI:	11	28	51.2	1,017	4,403	1,830	8.59	21	75.0	42.9*	83.7*	D	D	2,044*	D				
GREENSBORO-WINSTO NC:	29	111	208.1	3,187	17,377	1,874	8.35	59	53.2	111.0*	53.4*	D	D	1,882*	D				
GREENVILLE-SPARTA SC:	12	74	171.1	2,689	12,206	2,312	7.13	59	79.7	147.0*	85.9*	D	D	2,491*	D				
HAMILTON-MIDDLETO OH:	13	30	70.1	955	5,815	2,338	8.29	19	63.3	50.3*	71.7*	D	D	2,648*	D				
HARRISBURG PA:	22	60	142.0	2,324	11,697	2,366	8.24	37	61.7	98.0*	69.0*	D	D	2,648*	D				
HARTFORD CT:	48	102	260.8	4,633	22,006	2,557	8.44	47	46.1	126.9*	48.7*	D	D	2,700*	D				
HONOLULU HI:	28	62	227.5	3,277	18,795	3,669	8.26	37	59.7	150.6	66.2	1,728	52.7	4,070*	7.92				
HOUSTON TX:	121	294	741.0	11,920	64,415	2,520	8.69	141	48.0	371.1*	50.1*	D	D	2,632*	D				
HUNTINGTON-ASHLAN WV:	30	44	92.0	1,443	7,245	2,092	7.87	12	27.3	38.6	42.0	508	35.2	3,219	7.34				
HUNTSVILLE AL:	14	36	73.4	1,030	5,378	2,040	7.32	25	69.4	53.5*	72.8*	D	D	2,138*	D				
INDIANAPOLIS IN:	42	167	396.6	5,612	36,838	2,375	9.29	94	56.3	244.9	61.7	2,923	52.1	2,605	9.56				
JACKSON MI:	9	17	51.8	660	4,576	3,045	8.84	12	70.6	40.7*	78.7*	D	D	3,395*	D				
JACKSON MS:	11	34	83.2	1,110	6,088	2,446	7.32	25	73.5	D	D	D	D	D	D				
JACKSONVILLE FL:	11	77	186.5	2,686	13,586	2,422	7.29	59	76.6	153.8	82.5	2,153	80.2	2,607	7.01				
JERSEY CITY NJ:	18	51	146.5	2,416	14,305	2,873	9.76	26	51.0	85.7*	58.5*	D	D	3,297*	D				
JOHNSTOWN PA:	12	32	62.3	1,000	5,688	1,948	9.13	24	75.0	46.3*	74.4*	D	D	1,931*	D				
KALAMAZOO-PORTAGE MI:	15	39	111.2	1,698	9,496	2,850	8.54	25	64.1	D	D	D	D	D	D				
KANSAS CITY MO:	73	209	474.7	6,527	49,994	2,271	10.53	121	57.9	281.1	59.2	3,649	55.9	2,323	10.70				
KENOSHA WI:	8	14	36.1*	D	D	2,575*	D	9	64.3	26.6	73.7	389	D	2,952	9.62				

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

ALL SUPERMARKETS										FOUR LARGEST SUPERMARKET FIRMS 2/													
SMSA	FIRMS 3/	STORES 4/	ANNUAL SALES 5/	ANNUAL EMPLOY- MENT 6/	PAYROLL 7/	SALES PER DOLLAR 8/	PAYROLL PER DOLLAR 9/	STORES 10/	NO.	MIL. DOL.	PCT.	SALES 11/	EMPLOY- MENT 12/	PAYROLL 13/	SALES PER DOLLAR 14/	PAYROLL PER DOLLAR 15/	STORES 16/	NO.	MIL. DOL.	PCT.	1,000 DOL.	PCT.	
KILLEEN-TEMPLE TX:	11	20	35.8	507	2,435	1,789	6.81	13	65.0	24.2*	67.8*	D	577	61.2	D	1,865*	D	1,865*	D	1,865*	D	1,865*	D
KINGSFORD-BRISTOL TN:	17	30	59.5	943	4,377	1,983	7.36	15	50.0	33.8	56.8	D	577	61.2	D	2,251	D	2,251	D	2,251	D	2,251	D
KNOXVILLE TN:	21	64	123.1	1,737	9,335	1,923	7.58	43	67.2	93.9*	76.3*	D	306	D	D	2,184*	D	2,184*	D	2,184*	D	2,184*	D
LA CROSSE WI:	9	10	23.7*	D	D	2,371*	D	6	60.0	16.2	68.2	D	271	D	D	2,596	D	2,596	D	2,596	D	2,596	D
LAFAYETTE LA:	8	13	29.2*	D	D	2,424*	D	8	61.5	20.4	69.8	D	508	D	D	3,924	D	3,924	D	3,924	D	3,924	D
LAFAYETTE-WEST LA IN:	7	12	42.6*	D	D	3,552*	D	9	75.0	35.3	82.8	D	1,175	85.1	D	2,211*	D	2,211*	D	2,211*	D	2,211*	D
LAKE CHARLES LA:	9	18	36.0	487	2,947	1,999	8.19	12	66.7	26.5*	73.7*	D	508	D	D	2,211*	D	2,211*	D	2,211*	D	2,211*	D
LAKELAND-WINTER H FL:	11	37	87.9	1,381	6,898	2,376	7.85	29	78.4	75.6	85.9	D	1,175	85.1	D	2,211*	D	2,211*	D	2,211*	D	2,211*	D
LANCASTER PA:	17	35	76.0*	D	D	2,170*	D	22	62.9	55.6*	73.2*	D	D	D	D	2,526*	D	2,526*	D	2,526*	D	2,526*	D
LANSEING-EAST MI:	23	46	128.1	1,843	10,851	2,786	8.47	17	37.0	76.0*	59.3*	D	D	D	D	4,471*	D	4,471*	D	4,471*	D	4,471*	D
LAREDC TX:	7	12	28.1*	D	D	2,343*	D	7	58.3	21.9	78.0	D	426	D	D	3,134	D	3,134	D	3,134	D	3,134	D
LAS VEGAS NV:	12	37	144.8	1,877	14,031	3,913	9.69	21	56.8	97.3	67.2	D	1,313	70.0	D	4,634	D	4,634	D	4,634	D	4,634	D
LAWRENCE-HAVERHIL MA:	16	29	101.5	1,708	8,160	3,500	8.04	16	55.2	68.8*	67.8*	D	D	D	D	4,300*	D	4,300*	D	4,300*	D	4,300*	D
LAWTON OK:	6	11	18.9	253	1,538	1,721	8.12	9	81.8	16.7*	88.5*	D	D	D	D	1,861*	D	1,861*	D	1,861*	D	1,861*	D
LEWISTON-AUPURN ME:	6	10	26.2*	D	D	2,615*	D	8	80.0	23.9*	91.3*	D	D	D	D	2,984*	D	2,984*	D	2,984*	D	2,984*	D
LEXINGTON KY:	11	37	88.5*	D	D	2,393*	D	29	78.4	72.7*	82.1*	D	D	D	D	2,507*	D	2,507*	D	2,507*	D	2,507*	D
LEXINGTON OH:	11	26	54.3	805	4,745	2,090	8.73	18	69.2	43.0	79.1	D	560	69.6	D	2,389	D	2,389	D	2,389	D	2,389	D
LIMA OH:	11	27	55.9*	D	D	2,069*	D	15	55.6	36.6	65.4	D	576	D	D	2,437	D	2,437	D	2,437	D	2,437	D
LINCOLN NE:	17	27	55.9*	D	D	2,069*	D	15	55.6	36.6	65.4	D	576	D	D	2,437	D	2,437	D	2,437	D	2,437	D
LITTLE ROCK-NORTH AR:	14	50	102.1	1,387	8,149	2,042	7.98	39	78.0	88.3*	86.4*	D	D	D	D	2,263*	D	2,263*	D	2,263*	D	2,263*	D
LONG BRANCH-ASBUR NJ:	19	67	229.8*	D	D	3,430*	D	37	55.2	137.9*	60.0*	D	D	D	D	3,727*	D	3,727*	D	3,727*	D	3,727*	D
LORAIN-ELYRIA OH:	20	32	83.7*	D	D	2,615*	D	14	43.7	47.0	56.2	D	641	D	D	3,360	D	3,360	D	3,360	D	3,360	D
LOS ANGELES-LONG CA:	187	907	2,819.6	38,684	294,422	3,109	10.44	286	31.5	1,167.0*	41.4*	D	D	D	D	4,081*	D	4,081*	D	4,081*	D	4,081*	D
LOUISVILLE KY:	36	112	271.4	3,617	21,053	2,423	7.76	80	71.4	206.4*	76.1*	D	D	D	D	2,580*	D	2,580*	D	2,580*	D	2,580*	D
LOWELL MA:	7	13	70.5*	D	D	5,423*	D	10	76.9	63.0*	89.4*	D	D	D	D	6,300*	D	6,300*	D	6,300*	D	6,300*	D
LUBBOCK TX:	9	30	61.9	972	4,480	2,063	7.24	22	73.3	52.2	84.3	D	827	85.1	D	2,372	D	2,372	D	2,372	D	2,372	D
LYNCHBURG VA:	11	19	40.7	526	2,982	2,141	7.33	12	63.2	D	D	D	D	D	D	D	D	D	D	D	D	D	D
MACON GA:	11	29	61.6	996	4,834	2,124	7.85	21	72.4	48.7*	79.1*	D	D	D	D	2,320*	D	2,320*	D	2,320*	D	2,320*	D
MADISON WI:	20	35	94.5	1,571	8,776	2,639	9.29	17	48.6	60.5	64.0	D	865	55.1	D	3,559	D	3,559	D	3,559	D	3,559	D
MANCHESTER NH:	16	20	51.4	861	4,378	2,570	8.52	8	40.0	25.1	48.8	D	391	45.4	D	3,134	D	3,134	D	3,134	D	3,134	D
MANSFIELD OH:	10	13	44.1	657	4,085	3,394	9.26	5	38.5	28.8*	65.2*	D	D	D	D	5,752*	D	5,752*	D	5,752*	D	5,752*	D
MCALLEN-PHARR-EDI TX:	9	14	29.4	539	2,055	2,102	6.98	10	71.4	24.6	83.5	D	421	78.1	D	2,436*	D	2,436*	D	2,436*	D	2,436*	D
MELBOURNE-TITUSVI FL:	6	37	87.7	1,291	6,469	2,371	7.38	35	94.6	85.3*	97.3*	D	D	D	D	2,436*	D	2,436*	D	2,436*	D	2,436*	D
MEMPHIS TN:	50	92	243.4	3,744	20,172	2,646	8.29	35	38.0	150.4	61.8	D	2,132	56.9	D	4,297	D	4,297	D	4,297	D	4,297	D
MERIDEN CT:	5	5	19.6	341	1,691	3,916	8.64	4	80.0	16.7*	85.2*	D	D	D	D	4,171*	D	4,171*	D	4,171*	D	4,171*	D
MIAMI FL:	33	187	495.7	8,253	42,408	2,651	8.55	149	79.7	421.1*	85.0*	D	D	D	D	2,826*	D	2,826*	D	2,826*	D	2,826*	D
MIDLAND TX:	5	8	17.9	278	1,347	2,241	7.51	7	87.5	16.8*	93.6*	D	D	D	D	2,397*	D	2,397*	D	2,397*	D	2,397*	D

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 25---SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/2---CONTINUED

ALL SUPERMARKETS										FOUR LARGEST SUPERMARKET FIRMS 2/									

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/2--CONTINUED

ALL SUPERMARKETS										FOUR LARGEST SUPERMARKET FIRMS 2/									
SMSA	FIRMS : 3/	STORES : 4/	ANNUAL : SALES :	EMPLOY- EES :	NO.	MIL. DOL.	PAYROLL : PER :	STORES : NO.	PCT.	ANNUAL : SALES :	EMPLOYEES : NO.	PCT.	1,000 DOL.	PAY- ROLL :	SALES : PER :	PERCENT : OF SMSA :	TOTAL : OF SMSA :	TOTAL : OF SMSA :	TOTAL : OF SMSA :
PINE BLUFF	7	12	22.6*	D	1,882*	64,113	2,171	9.37	9.37	251	50.9	2,297	7.39						
PITTSBURGH	110	315	683.9	10,282	579	3,488	3,534	8.97	8.97	416	71.8	2,019	10.34						
PITTSFIELD	9	11	38.9	1,257	5,489	2,859	7.38	7.38	7.38	D	D	3,633*	D						
PORTLAND	55	166	475.0	6,355	1,530	8,267	2,704	7.84	7.84	32	82.1	2,744*	D						
POUGHKEEPSIE	11	39	105.5	1,530	2,676	2,791	8.92	8.92	8.92	451	63.2	2,770	7.86						
PROVIDENCE-WARWIC	22	107	298.6	5,253	714	3,899	2,922	9.53	9.53	12	85.7	3,123*	D						
PROVO-OREM	12	16	35.6	714	609	3,899	2,922	9.53	9.53	12	85.7	3,123*	D						
PUEBLO	6	14	40.9	609	3,899	2,922	9.53	9.53	9.53	12	85.7	3,123*	D						
RACINE	13	23	60.8	968	6,046	2,642	9.95	9.95	9.95	14	60.9	2,822	9.80						
RALEIGH-DURHAM	12	59	138.6	1,983	10,718	2,349	7.73	7.73	7.73	52	88.1	2,492*	D						
READING	19	39	87.1	1,358	8,089	2,233	9.29	9.29	9.29	21	53.8	2,487	9.22						
RENO	13	25	74.7	1,078	7,010	2,987	9.39	9.39	9.39	15	60.0	3,402	9.40						
RICHLAND-KINNEVIC	8	20	36.6*	D	1,828*	D	D	D	D	13	65.0	1,979*	D						
RICHMOND	23	82	207.1	3,320	18,808	2,526	9.08	9.08	9.08	49	59.8	2,453*	D						
RIVERSIDE-SAN BER	50	159	424.5	5,402	44,012	2,670	10.37	10.37	10.37	85	53.5	2,950	9.77						
ROANOKE	9	21	73.2	951	5,373	3,484	7.34	7.34	7.34	17	81.0	3,830*	D						
ROCHESTER	5	8	22.4	337	1,954	2,800	8.72	8.72	8.72	7	87.5	2,937*	D						
ROCHESTER	47	142	382.5	5,721	30,026	2,694	7.85	7.85	7.85	85	59.9	3,295	7.42						
ROCKFORD	19	39	102.4	1,988	9,489	2,626	9.27	9.27	9.27	18	46.2	3,533*	D						
SACRAMENTO	37	130	345.9	3,837	34,611	2,661	10.01	10.01	10.01	60	46.2	3,450*	D						
SAGINAW	15	30	83.2	986	6,879	2,774	8.27	8.27	8.27	19	63.3	3,360*	D						
ST CLOUD	11	13	30.2	475	2,487	2,320	8.25	8.25	8.25	6	46.2	2,997*	D						
ST JOSEPH	10	19	36.0*	D	1,893*	D	D	D	D	13	68.4	1,753	9.12						
ST LOUIS	119	318	815.3	11,890	81,163	2,564	9.96	9.96	9.96	169	53.1	2,778*	D						
SALEM	21	33	74.3	994	7,213	2,251	9.71	9.71	9.71	15	45.5	3,150*	D						
SALINAS-SEASIDE-M	14	27	75.2	844	7,732	2,785	10.28	10.28	10.28	14	51.9	3,836	9.97						
SALT LAKE CITY-OG	27	108	258.2	4,758	23,435	2,390	9.08	9.08	9.08	73	67.6	2,517	9.45						
SAN ANGELO	6	10	22.9	384	1,924	2,286	8.42	8.42	8.42	9	90.0	D	D						
SAN ANTONIO	24	105	251.9	5,110	19,300	2,399	7.66	7.66	7.66	75	71.4	D	D						
SAN DIEGO	29	162	473.0	5,691	45,492	2,920	9.62	9.62	9.62	102	63.0	3,250*	D						
SAN FRANCISCO-OAK	104	417	1,244.1	14,243	130,449	2,983	10.49	10.49	10.49	198	47.5	3,725	10.08						
SAN JOSE	46	176	480.8	5,722	50,801	2,732	10.57	10.57	10.57	83	47.2	3,173*	D						
SANTA BARBARA-SAN	12	36	96.0	1,121	9,368	2,667	9.76	9.76	9.76	26	72.2	D	D						
SANTA CRUZ	17	24	60.5	646	6,574	2,521	10.87	10.87	10.87	10	41.7	3,816	11.14						
SANTA ROSA	23	39	98.5	1,053	9,965	2,525	10.12	10.12	10.12	19	48.7	3,415	10.09						

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.



TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/2--CONTINUED

ALL SUPERMARKETS										FOUR LARGEST SUPERMARKET FIRMS 2/									
SMSA	FIRMS 3/	STORES 4/	ANNUAL SALES 5/	EMPLOY- EES 6/	PAY- ROLL 7/	SALES PER DOLLAR 8/	PAYROLL PER DOLLAR 9/	SALES PER STORE 10/	EMPLOYEES PER STORE 11/	ANNUAL SALES 12/	EMPLOYEES 13/	SALES PER DOLLAR 14/	PAYROLL PER DOLLAR 15/	SALES PER STORE 16/	EMPLOYEES PER STORE 17/	ANNUAL SALES 18/	EMPLOYEES 19/	SALES PER DOLLAR 20/	PAYROLL PER DOLLAR 21/
SARASOTA	9	24	67.6	1,043	5,099	2,818	7.54	18	75.0	59.5	87.9	93.9	90.0	3,304	7.26	3,304	7.26	3,304	7.26
SAVANNAH	16	24	61.3	927	4,387	2,555	7.15	13	54.2	39.1	63.8	523	56.4	3,011	6.66	3,011	6.66	3,011	6.66
SEATTLE-EVERETT	61	242	571.3	7,325	56,300	2,361	9.85	135	55.8	347.7	60.9*	D	D	2,576*	D	2,576*	D	2,576*	D
SHERMAN-DENISON	3	9	18.6*	D	D	2,069*	D	9	100.0	18.6*	100.0*	D	D	2,069*	D	2,069*	D	2,069*	D
SHREVEPORT	17	41	92.6	1,404	7,457	2,259	8.05	22	53.7	55.0	59.4	752	53.6	2,501	7.76	2,501	7.76	2,501	7.76
ST. LOUIS	12	17	35.6	586	3,028	2,096	8.50	10	58.8	D	D	D	D	D	D	D	D	D	D
ST. LOUIS CITY	12	17	35.6	586	3,028	2,096	8.50	10	58.8	D	D	D	D	D	D	D	D	D	D
ST. LOUIS FALLS	4	13	29.0*	D	D	2,229*	D	13	100.0	29.0*	100.0*	D	D	2,229*	D	2,229*	D	2,229*	D
SOUTH BEND	21	35	90.7	1,352	7,858	2,592	8.66	18	51.4	54.9*	60.6*	D	D	3,051*	D	3,051*	D	3,051*	D
SPOKANE	19	48	105.0	1,592	10,041	2,188	9.36	35	72.9	82.2	78.2	1,229	77.2	2,347	9.73	2,347	9.73	2,347	9.73
SPRINGFIELD	16	30	67.1	1,139	6,177	2,237	9.20	15	50.0	45.8*	68.3*	D	D	3,056*	D	3,056*	D	3,056*	D
SPRINGFIELD	8	25	54.0*	D	D	2,158*	D	20	80.0	42.6*	78.9*	D	D	2,129*	D	2,129*	D	2,129*	D
SPRINGFIELD	15	28	57.5	862	4,906	2,053	8.54	15	53.6	36.9	64.2	494	57.3	2,459	8.45	2,459	8.45	2,459	8.45
SPRINGFIELD-CHICAGO	25	70	155.7	3,473	15,206	2,224	9.77	36	51.4	98.0*	63.0*	D	D	2,723*	D	2,723*	D	2,723*	D
STAMFORD	17	39	108.7	1,807	9,404	2,787	8.65	23	59.0	53.8*	49.5*	D	D	2,337*	D	2,337*	D	2,337*	D
STEUBENVILLE-WEIR	13	18	47.1	787	3,992	2,615	8.48	10	55.6	31.2	66.3	520	66.1	3,118	8.88	3,118	8.88	3,118	8.88
STOCKTON	21	37	80.8*	D	D	2,183*	D	16	43.2	41.9	51.8	510	D	2,616	10.05	2,616	10.05	2,616	10.05
SYRACUSE	53	109	226.9	3,732	20,154	2,082	8.88	38	34.9	85.1	37.5	1,376	36.9	2,239	8.24	2,239	8.24	2,239	8.24
TACOMA	15	54	114.5	1,555	10,727	2,120	9.37	32	59.3	73.8	64.5	912	58.6	2,306	8.84	2,306	8.84	2,306	8.84
TALLAHASSEE	4	10	39.5	574	2,745	3,949	6.95	10	100.0	39.5	100.0	574	100.0	3,949	6.95	3,949	6.95	3,949	6.95
TAMPA-ST. PETERSBURG	23	164	446.8	7,129	33,403	2,725	7.48	129	78.7	368.8*	82.5*	D	D	2,859*	D	2,859*	D	2,859*	D
TERRE HAUTE	11	16	55.3	863	5,154	3,459	9.31	9	56.2	41.2*	74.4*	D	D	4,579*	D	4,579*	D	4,579*	D
TEXARKANA	7	15	26.1*	D	D	1,743*	D	12	80.0	D	D	D	D	D	D	D	D	D	D
TOLEDO	32	116	278.7	4,082	24,543	2,403	8.84	82	70.7	189.5*	68.0*	D	D	2,312*	D	2,312*	D	2,312*	D
TOPEKA	18	29	55.4	964	4,864	1,912	8.77	14	48.3	27.2	49.1	419	43.5	1,944	8.35	1,944	8.35	1,944	8.35
TRENTON	14	35	123.4	1,565	12,415	3,526	10.06	23	65.7	74.1*	60.0*	D	D	3,220*	D	3,220*	D	3,220*	D
TUCSON	23	58	147.6	2,269	11,718	2,545	7.94	33	56.9	85.4	57.9	1,252	55.2	2,588	8.03	2,588	8.03	2,588	8.03
TULSA	35	92	201.4	2,940	20,054	2,189	9.36	56	60.9	141.2*	70.1*	D	D	2,522*	D	2,522*	D	2,522*	D
TUSCALOOSA	5	15	32.5*	D	D	2,169*	D	14	93.3	31.5*	96.8*	D	D	2,249*	D	2,249*	D	2,249*	D
TYLER	5	16	32.2	474	2,534	2,011	7.87	15	93.7	30.5*	94.8*	D	D	2,035*	D	2,035*	D	2,035*	D
UTICA-ROME	22	55	94.2*	D	D	1,713*	D	28	50.9	50.7	53.8	857	D	1,811	9.88	1,811	9.88	1,811	9.88
VALLEJO-FAIRFIELD	19	36	91.5*	D	D	2,543*	D	17	47.2	55.0*	60.1*	D	D	3,238*	D	3,238*	D	3,238*	D
VINELAND-MILLVILLE	8	14	48.3	607	4,233	3,451	8.89	11	78.6	40.4*	83.6*	D	D	3,670*	D	3,670*	D	3,670*	D
WACO	6	20	40.8	583	2,885	2,039	7.08	19	95.0	38.9*	95.3*	D	D	2,046*	D	2,046*	D	2,046*	D
WASHINGTON	37	362	1,169.7	16,819	121,788	3,231	10.41	303	83.7	1,039.9*	88.9*	D	D	3,432*	D	3,432*	D	3,432*	D
WATERBURY	12	22	70.3	1,110	5,475	3,195	7.79	11	50.0	44.9*	63.9*	D	D	4,085*	D	4,085*	D	4,085*	D
WATERLOO-CEDAR FALLS	11	20	46.9	773	4,326	2,346	9.22	13	65.0	36.6	77.9	577	74.6	2,814	9.59	2,814	9.59	2,814	9.59

SEE FOOTNOTES AT END OF TABLE.

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TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SWSA'S, 1972 1/2--CONTINUED

ALL SUPERMARKETS																FOUR LARGEST SUPERMARKET FIRMS 2/															
: :																															

- 1/ "0" IN A DATA CELL DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.
- AN "\*" DESIGNATES AN ESTIMATE BY USDA-FTC FOR THIS REPORT. IN THE ALL FIRM CATEGORY, SALES ESTIMATES PRIOR TO ROUNDING DO NOT DIFFER FROM ACTUAL SALES BY MORE THAN 1.5 PERCENT. ESTIMATED SALES OF THE FOUR LARGEST SUPERMARKET FIRMS AS A PERCENTAGE OF TOTAL SALES OF ALL SUPERMARKETS IN AN SMSA, PRIOR TO ROUNDING, DO NOT DIFFER FROM ACTUAL PERCENTAGES BY MORE THAN 1.5 PERCENTAGE POINTS.
- 2/ FIRM RANK BASED ON SALES OF SUPERMARKETS.
- 3/ FIRMS IN BUSINESS AT ANY TIME DURING 1972.
- 4/ STORES OPEN AT THE END OF 1972.
- 5/ ALL SUPERMARKETS HAD PAYROLL EXPENSES.
- 6/ SALES FOR STORES OPEN AT ANY TIME DURING 1972 DIVIDED BY NUMBER OF STORES OPEN AT THE END OF THE YEAR.

SOURCES: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS AND BUREAU OF THE CENSUS, CENSUS OF RETAIL TRADE, 1972, AREA SERIES FOR EACH STATE.

Table 26--Supermarkets: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and the four largest firms, 1972, SMSA summaries by population, region and 1972 four-firm concentration ratio

Item	All supermarket firms										Four largest supermarket firms 1/									
	Firms					Stores					Payroll					Annual sales				
	2/	3/	4/	5/	6/	7/	8/	9/	10/	11/	12/	13/	14/	15/	16/	17/	18/	19/	20/	21/
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Mean, weighted	80	314	886.1	2,817	2,825	9.64	53.5	59.4	56.1	59.4	53.5	59.4	56.1	59.4	53.5	59.4	56.1	59.4	56.1	59.4
Mean, unweighted	63	235	675.3	2,817	2,817	9.45	56.9	498.27	63.2	56.9	56.9	498.27	63.2	56.9	56.9	498.27	63.2	56.9	56.3	56.3
Standard deviation																				
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
	SMSA's with 1 million or more population																			
	SMSA's with 300,000 - 999,999 population																			
Mean, weighted	26	72	183.9	2,559	2,559	8.59	57.9	64.2	60.1	64.2	57.9	64.2	60.1	64.2	57.9	64.2	60.1	64.2	60.1	64.2
Mean, unweighted	11	28	76.0	2,580	2,580	8.55	42	117.4	60.2	42	57.9	117.4	60.2	42	57.9	117.4	60.2	42	57.9	57.9
Standard deviation																				
Number of SMSA's	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
	SMSA's with 150,000 - 299,999 population																			
Mean, weighted	14	30	73.5	2,438	2,438	8.54	61.0	69.8	64.1	69.8	61.0	69.8	64.1	69.8	61.0	69.8	64.1	69.8	64.1	69.8
Mean, unweighted	5	8	21.1	2,484	2,484	8.49	18	51.2	65.1	18	61.9	51.2	65.1	18	61.9	51.2	65.1	18	61.9	61.9
Standard deviation																				
Number of SMSA's	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76
	SMSA's with less than 150,000 population																			
Mean, weighted	9	16	37.8	2,468	2,468	8.32	10	29.2	77.1	10	67.3	29.2	77.1	10	67.3	29.2	77.1	10	67.3	67.3
Mean, unweighted	3	5	12.3	2,575	2,575	.87	3	9.4	13.1	3	16.7	9.4	13.1	3	16.7	9.4	13.1	3	16.7	16.7
Standard deviation																				
Number of SMSA's	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77

See footnotes at end of table.

Continued--

Table 26--Supermarkets: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and the four largest firms, 1972, SMSA summaries by population, region and 1972 four-firm concentration ratio--Continued

Item	All supermarket firms										Four largest supermarket firms 1/									
	Firms					Stores					Annual sales					Employees				
	2/					3/					4/					5/				
	No.	Mil. dol.	No.	Mil. dol.	No.	No.	Pct.	No.	Pct.	Mil. dol.	No.	Pct.	Total	Percent of SMSA total	Total	No.	Pct.	Total	Percent of SMSA total	Sales per store : dollar sales
SMSA's in the Northeastern region																				
Mean, weighted	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mean, unweighted	30	255.1	4,683	2,789	9.05	47	51.8	47	57.3	149.04	2,291	56.4	2,291	58.9	3,305	2,953	54.7	2,953	58.9	8.72
Standard deviation	47	474.1	8,415	2,840	8.69	78	13.4	78	13.6	240.21	2,953	13.3	2,953	13.3	1,008					.95
Number of SMSA's	56	56	48	48	56	56	56	56	53	53	18	16	18	16	53	18				
SMSA's in the North Central region																				
Mean, weighted	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mean, unweighted	27	198.2	3,410	2,717	9.51	40	55.4	40	58.3	109.2	1,408	63.7	1,408	58.4	3,158	1,562	59.4	1,562	58.4	9.19
Standard deviation	33	370.0	5,997	2,643	9.02	73	14.4	73	13.3	157.9	1,562	13.3	1,562	13.5	1,013					.76
Number of SMSA's	69	69	58	58	69	69	69	69	63	63	32	25	32	25	63	32				
SMSA's in the Southern region																				
Mean, weighted	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mean, unweighted	18	137.0	2,403	2,438	8.39	37	66.4	37	68.3	108.2	1,154	73.0	1,154	68.0	2,703	1,396	64.2	1,396	68.0	7.91
Standard deviation	17	186.3	3,022	2,292	7.86	48	14.9	48	13.8	153.2	1,396	13.8	1,396	15.2	584					.67
Number of SMSA's	98	98	78	78	98	98	98	98	82	82	37	30	37	30	82	37				
SMSA's in the Western region																				
Mean, weighted	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mean, unweighted	28	280.3	4,306	2,837	9.98	49	49.5	49	57.4	168.6	1,551	58.0	1,551	64.3	3,115	1,721	58.5	1,721	64.3	9.50
Standard deviation	32	478.9	6,924	2,643	9.62	57	13.1	57	12.0	227.2	1,721	12.0	1,721	10.4	763					.94
Number of SMSA's	40	40	33	33	40	40	40	40	38	38	24	21	24	21	38	24				

See footnotes at end of table.

Continued--

Table 26--Supermarkets: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and the four largest firms, 1972, SMSA summaries by population, region and 1972 four-firm concentration ratio--Continued

Item	All supermarket firms										Four largest supermarket firms 1/									
	Firms					Stores					Annual sales					Employees				
	2/	3/	4/	5/	6/	7/	8/	9/	10/	11/	12/	13/	14/	15/	16/	17/	18/	19/	20/	21/
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mean, weighted	11	41	117.0	2,878	8.77	77.9	85.1	79.9	80.5	7.1	1,086	1.29	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Mean, unweighted	7	54	172.5	11,114	2,817	8.43	85.7	80.5	80.5	7.1	1,086	1.29	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Standard deviation	7	54	172.5	11,114	2,817	8.43	85.7	80.5	80.5	7.1	1,086	1.29	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Number of SMSA's	64	64	64	50	50	50	64	50	64	50	64	50	64	50	64	50	64	50	64	50
	SMSA's with 1972 four-firm concentration ratios of 60 percent and over																			
	SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent																			
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mean, weighted	23	72	192.3	2,457	2,539	8.68	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Mean, unweighted	29	116	339.8	3,457	3,812	8.88	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Standard deviation	29	116	339.8	3,457	3,812	8.88	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Number of SMSA's	82	82	82	66	66	66	82	66	82	66	82	66	82	66	82	66	82	66	82	66
	SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent																			
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Mean, weighted	27	81	215.0	2,423	2,448	8.68	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Mean, unweighted	24	101	298.9	2,423	2,448	8.68	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Standard deviation	24	101	298.9	2,423	2,448	8.68	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Number of SMSA's	93	93	93	79	79	79	93	79	93	79	93	79	93	79	93	79	93	79	93	79
	SMSA's with 1972 four-firm concentration ratios of less than 40 percent																			
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Mean, weighted	54	150	389.7	2,591	2,591	9.53	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Mean, unweighted	71	282	780.7	2,591	2,591	9.53	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Standard deviation	71	282	780.7	2,591	2,591	9.53	82.1	70.3	66.5	7.3	1,000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Number of SMSA's	24	24	24	22	22	22	24	22	24	22	24	22	24	22	24	22	24	22	24	22

-- = Not applicable. 1/ Firm rank based on sales of supermarkets. 2/ Firms in business any time during 1972. 3/ Stores open at end of 1972. 4/ All supermarkets had payroll expenses. 5/ Sales of stores open any time during 1972 divided by stores open at the end of the year. Sources: Tables 12, 13, and 25 and appendix A.



Table 26--Supermarkets: Number of firms and stores, sales, number of employees, payroll, sales per store, and payroll per dollar of sales for all firms and the four largest firms, 1972, SMSA summaries by population, region and 1972 four-firm concentration ratio--Continued

Item	All supermarket firms										Four largest supermarket firms 1/									
	Firms					Stores					Annual sales					Employees				
	2/	3/	4/	5/	6/	7/	8/	9/	10/	11/	12/	13/	14/	15/	16/	17/	18/	19/	20/	21/
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.	Mil. dol.
Mean, weighted	10	40	113.8	2,071	11,919	2,814	8.71	8.71	8.71	8.71	86.9	86.9	86.9	86.9	86.9	82.7	82.7	82.7	82.7	82.7
Mean, unweighted	7	58	185.1	3,109	21,111	692	8.19	8.19	8.19	8.19	88.0	88.0	88.0	88.0	88.0	921	921	921	921	921
Standard deviation																				
Number of SMSA's	55	55	55	39	39	55	39	39	39	39	55	55	55	55	55	19	13	55	19	19
	SMSA's with 1972 four-firm supermarket concentration ratios of 80 percent and over																			
	SMSA's with 1972 four-firm supermarket concentration ratios of 70 - 79.99 percent																			
Mean, weighted	17	50	130.3	2,225	12,895	2,505	8.61	8.61	8.61	8.61	74.0	74.0	74.0	74.0	74.0	72.4	72.4	72.4	72.4	72.4
Mean, unweighted	13	51	143.6	2,255	14,280	596	.82	.82	.82	.82	7.3	7.3	7.3	7.3	7.3	1,159	1,159	1,159	1,159	1,159
Standard deviation																				
Number of SMSA's	59	59	59	47	47	59	47	47	47	47	59	59	59	59	59	25	21	59	25	25
	SMSA's with 1972 four-firm supermarket concentration ratios of 60 - 69.99 percent																			
Mean, weighted	27	80	217.4	3,721	22,642	2,571	9.06	9.06	9.06	9.06	64.7	64.7	64.7	64.7	64.7	60.5	60.5	60.5	60.5	60.5
Mean, unweighted	23	108	328.1	5,025	32,334	513	.91	.91	.91	.91	2.9	2.9	2.9	2.9	2.9	1,888	1,888	1,888	1,888	1,888
Standard deviation																				
Number of SMSA's	63	63	63	52	52	63	52	52	52	52	63	63	63	63	63	36	30	63	36	36
	SMSA's with 1972 four-firm supermarket concentration ratios of less than 60 percent																			
Mean, weighted	44	128	344.7	5,405	34,162	2,558	8.89	8.89	8.89	8.89	49.5	49.5	49.5	49.5	49.5	48.3	48.3	48.3	48.3	48.3
Mean, unweighted	50	197	549.6	8,635	56,363	479	.89	.89	.89	.89	6.9	6.9	6.9	6.9	6.9	1,867	1,867	1,867	1,867	1,867
Standard deviation																				
Number of SMSA's	59	59	59	56	56	59	56	56	56	56	59	59	59	59	59	31	28	59	31	31

-- = Not applicable. 1/ Firm rank based on sales of supermarkets. 2/ Firms in business any time during 1972. 3/ Stores open at end of 1972. 4/ All supermarkets had payroll expenses. 5/ Sales of stores open any time during 1972 divided by stores open at the end of the year. Sources: Tables 12, 13, and 25 and appendix A.





TABLE 27--SMALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE AND PAYROLL PER DOLLAR SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/2--CONTINUED

ALL SMALL STORE FIRMS										FOUR LARGEST SMALL STORE FIRMS 2/									
SMSA	FIRMS 3/	STORES 4/	ANNUAL SALES 5/	PAYROLL PER DOLLAR 6/	EMPLOY- EES 7/	MIL. DOL. 8/	NO.	- 1,000 DOL. 9/	PCT.	NO.	PCT.	MIL. DOL. 10/	PCT.	NO.	PCT.	1,000 DOL. 11/	PCT.	SALES PER DOLLAR 12/	PAY- ROLL PER DOLLAR 13/
BRYAN-COLLEGE STA	TX: 75	65	9.4*	D	2,940	53.1	904	3,412	135	7.65	46	11.7	9.2	17.3	216	23.9	201	9.40	D
BUFFALO	NY: 847	831	143.1	D	9,974	586.0	10,936	48,247	179	9.15	197	6.0	88.9	15.1	2,100	19.2	451	11.17	D
BURLINGTON	NC: 139	140	16.3*	D	3,021	164.0	3,408	12,439	160	8.33	83	8.1	24.0	14.6	601	17.6	289	10.20	D
CANTON	OH: 174	201	38.2	850	3,021	222.5	4,404	18,040	184	8.95	213	17.6	53.4	24.0	1,366	31.0	251	10.00	D
CEDAR RAPIDS	IA: 57	53	9.9	205	685	17.6	349	1,446	196	8.40	40	44.4	10.4	58.8	190	54.4	259	9.01	D
CHAMPAIGN-URBANA-	IL: 36	36	9.2	248	737	5.2	132	419	174	9.34	6	20.0	D	D	D	D	D	D	D
CHARLESTON	SC: 409	427	44.4	708	3,168	39.6	674	2,574	100	8.07	57	14.4	8.2	20.6	166	24.6	143	9.63	D
CHARLESTON	WV: 286	266	37.6	597	2,707	34.7	666	2,554	111	8.36	42	13.5	7.8	22.3	155	23.3	185	10.47	D
CHARLOTTE-GASTONI	NC: 548	594	86.6	1,329	6,164	113.4	2,251	8,547	218	8.01	80	15.4	25.6	22.5	631	28.0	320	10.05	D
CHATTANOOGA	TN: 418	392	53.1	904	3,412	53.1	904	3,412	135	7.65	46	11.7	9.2	17.3	216	23.9	201	9.40	D
CHICAGO	IL: 3,478	3,280	586.0	10,936	48,247	586.0	10,936	48,247	179	9.15	197	6.0	88.9	15.1	2,100	19.2	451	11.17	D
CINCINNATI	OH: 1,047	1,023	164.0	3,408	12,439	164.0	3,408	12,439	160	8.33	83	8.1	24.0	14.6	601	17.6	289	10.20	D
CLEVELAND	OH: 1,104	1,210	222.5	4,404	18,040	222.5	4,404	18,040	184	8.95	213	17.6	53.4	24.0	1,366	31.0	251	10.00	D
COLORADO SPRINGS	CO: 52	90	17.6	349	1,446	17.6	349	1,446	196	8.40	40	44.4	10.4	58.8	190	54.4	259	9.01	D
COLUMBIA	MO: 34	30	5.2	132	419	5.2	132	419	174	9.34	6	20.0	D	D	D	D	D	D	D
COLUMBIA	SC: 379	396	39.6	674	2,574	39.6	674	2,574	100	8.07	57	14.4	8.2	20.6	166	24.6	143	9.63	D
COLUMBUS	GA: 289	311	34.7	666	2,554	34.7	666	2,554	111	8.36	42	13.5	7.8	22.3	155	23.3	185	10.47	D
COLUMBUS	OH: 485	521	113.4	2,251	8,547	113.4	2,251	8,547	218	8.01	80	15.4	25.6	22.5	631	28.0	320	10.05	D
CORPUS CHRISTI	TX: 255	267	44.7	934	3,431	44.7	934	3,431	168	8.28	36	13.5	D	D	D	D	D	D	D
DALLAS-FT WORTH	TX: 1,529	1,919	357.3	7,138	30,492	357.3	7,138	30,492	186	9.09	388	20.2	89.2	25.0	1,879	26.3	230	10.44	D
DANBURY	CT: 65	66	12.0	156	818	12.0	156	818	182	7.53	7	10.6	3.3	27.1	49	31.4	467	9.69	D
DAVENPORT-ROCK IS	IA: 147	136	28.0	538	1,944	28.0	538	1,944	206	7.27	8	5.9	5.5	19.8	97	18.0	694	10.40	D
DAYTON	OH: 368	401	72.0	1,511	5,384	72.0	1,511	5,384	180	7.99	56	14.0	14.8	20.6	326	21.6	265	7.41	D
DAYTONA BEACH	FL: 143	185	33.5	617	2,880	33.5	617	2,880	181	9.05	57	30.8	13.5	40.1	283	45.9	236	9.96	D
DECATUR	IL: 33	28	9.6	210	736	9.6	210	736	343	7.94	5	17.9	D	D	D	D	D	D	D
DENVER-Boulder	CO: 306	407	73.5	1,548	6,561	73.5	1,548	6,561	181	9.45	127	31.2	D	D	D	D	D	D	D
DES MOINES	IA: 134	122	21.4	464	1,676	21.4	464	1,676	175	8.28	4	3.3	D	D	D	D	D	D	D
DETROIT	MI: 2,479	2,420	420.3	6,727	26,260	420.3	6,727	26,260	174	7.13	160	6.6	39.2	9.3	998	14.8	245	10.17	D
DUBUQUE	IA: 42	49	9.9	209	790	9.9	209	790	203	8.09	14	28.6	5.1	51.3	110	52.6	365	9.17	D
DULUTH-SUPERIOR	MN: 214	196	35.4	706	2,824	35.4	706	2,824	181	8.77	8	4.1	D	D	D	D	D	D	D
EL PASO	TX: 225	308	50.7	1,045	4,252	50.7	1,045	4,252	165	9.28	73	23.7	15.3	30.3	367	35.1	210	10.50	D
ELMIRA	NY: 76	74	13.3	259	948	13.3	259	948	180	8.12	12	16.2	4.2	31.6	111	42.9	352	11.75	D
ERIE	PA: 166	192	42.2*	D	D	42.2*	D	D	D	D	38	19.8	13.6	32.1	361	D	357	9.58	D
EUGENE-SPRINGFIELD	OR: 180	161	26.8*	D	D	26.8*	D	D	166*	D	4	2.5	3.2	11.8	64	D	799	12.20	D
EVANSVILLE	IN: 186	180	31.2	640	2,190	31.2	640	2,190	173	7.52	13	7.2	7.0	22.5	113	17.7	540	9.65	D
FALL RIVER	MA: 92	92	14.5	271	1,174	14.5	271	1,174	158	8.95	9	9.8	3.8	26.3	94	34.7	426	12.95	D

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 27--SMALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE AND PAYROLL PER DOLLAR SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

ALL SMALL STORE FIRMS										FOUR LARGEST SMALL STORE FIRMS 2/														
SMSA	FIRMS: 3/	STORES: 4/	ANNUAL SALES	PAY- ROLL	EMPLOY- EES	MIL. DOL.	-- NO. --	--	--	: PAYROLL: STORES :				: ANNUAL SALES : EMPLOYEES :				: PAY- :						
										: SALES :		PER DOLLAR	STORES NO.	PCT.	: SALES :		PERCENT: : OF SMSA: TOTAL :	EMPLOYEES NO.	PCT.	: SALES :		PERCENT: : OF SMSA: TOTAL :	EMPLOYEES NO.	PCT.
										5/	6/				5/	6/				5/	6/			
FARGO-MOORHEAD	ND: 76	82	11.7	268	779	142	7.04	14	17.1	4.0	34.0	106	39.6	283	7.79	283	7.79	283	7.79	283				
FAYETTEVILLE	NC: 183	191	27.5*	D	D	144*	D	31	16.2	8.1	29.3	195	D	260	11.90	260	11.90	260	11.90	260				
FAYETTEVILLE-SPRI	AR: 134	130	21.7	359	1,350	167	7.09	12	9.2	5.8	26.6	121	33.7	481	9.29	481	9.29	481	9.29	481				
FITCHBURG-LEOMINS	MA: 37	37	9.7	202	735	263	7.93	5	13.5	3.3	34.1	83	41.1	666	9.56	666	9.56	666	9.56	666				
FLINT	MI: 298	258	53.5	916	3,535	207	7.27	6	2.3	6.5	12.1	126	13.8	1,079	11.06	1,079	11.06	1,079	11.06	1,079				
FLORENCE	AL: 254	217	23.6*	D	D	109*	D	7	3.2	5.7	24.0	83	D	809	8.30	809	8.30	809	8.30	809				
FORT LAUDERDALE-H	FL: 236	402	82.7*	D	D	206*	D	151	37.6	36.2	43.8	712	D	240	9.76	240	9.76	240	9.76	240				
FT MYERS	FL: 91	110	17.6	318	1,484	160	9.64	24	21.8	6.2	35.3	147	46.2	259	11.38	259	11.38	259	11.38	259				
FT SMITH	AR: 235	204	30.3	493	1,666	148	7.01	3	1.5	3.4	11.1	65	13.2	1,125	8.36	1,125	8.36	1,125	8.36	1,125				
FT WAYNE	IN: 113	120	25.8	522	2,290	215	9.11	11	9.2	8.5	32.8	143	27.4	770	10.69	770	10.69	770	10.69	770				
FRESNO	CA: 325	342	71.2	1,101	5,029	208	7.62	24	7.0	8.1	11.3	177	16.1	337	9.17	337	9.17	337	9.17	337				
GADSDEN	AL: 147	143	14.7	214	795	103	6.85	17	11.9	D	D	D	D	D	D	D	D	D	D	D				
GAINESVILLE	FL: 86	112	16.5	378	1,282	147	8.32	41	36.6	6.8	41.1	200	52.9	166	9.74	166	9.74	166	9.74	166				
GALVESTON-TEXAS C	TX: 149	185	29.5*	D	D	160*	D	38	20.5	7.6	25.6	150	D	200	11.40	200	11.40	200	11.40	200				
GARY-HAMMOND-EAST	IN: 306	288	42.4	906	3,118	147	8.18	10	3.5	6.6	15.6	129	14.2	664	11.43	664	11.43	664	11.43	664				
GRAND RAPIDS	MI: 227	213	46.2	861	3,268	217	7.53	13	6.1	6.9	14.8	155	18.0	528	8.82	528	8.82	528	8.82	528				
GREAT FALLS	MT: 43	45	7.8*	D	D	173*	D	11	24.4	D	D	D	D	D	D	D	D	D	D	D				
GREEN BAY	WI: 62	61	15.1	367	1,084	248	7.74	6	9.8	4.9	32.1	121	33.0	810	8.71	810	8.71	810	8.71	810				
GREENSBORO-WINSTO	NC: 818	829	116.4	1,909	7,774	140	7.87	41	4.9	15.7	13.5	281	14.7	382	9.25	382	9.25	382	9.25	382				
GREENVILLE-SPARTA	SC: 580	574	63.9	1,063	4,292	111	8.15	39	6.8	10.0	15.6	176	16.6	257	10.66	257	10.66	257	10.66	257				
HAMILTON-MIDDLETO	OH: 171	169	29.2	574	2,096	173	7.80	28	16.6	9.2	31.3	213	37.1	328	10.50	328	10.50	328	10.50	328				
HARRISBURG	PA: 293	304	53.9	876	3,085	177	7.01	36	11.8	11.6	21.6	196	22.4	323	8.43	323	8.43	323	8.43	323				
HARTFORD	CT: 295	317	68.6	1,375	5,665	216	8.81	39	12.3	12.5	18.1	316	23.0	321	10.96	321	10.96	321	10.96	321				
HONOLULU	HI: 260	252	53.3	1,037	4,619	211	9.70	18	7.1	9.0	16.8	235	22.7	498	13.30	498	13.30	498	13.30	498				
HOUSTON	TX: 1,530	1,932	334.8	6,349	26,170	173	8.54	446	23.1	76.7	22.8	1,681	26.5	172	10.24	172	10.24	172	10.24	172				
HUNTINGTON-ASHLAN	WV: 406	341	46.3	709	2,603	136	6.65	5	1.5	4.1	8.8	67	9.4	812	8.52	812	8.52	812	8.52	812				
HUNTSVILLE	AL: 399	368	42.0	727	2,529	114	7.57	32	8.7	9.3	22.1	185	25.4	290	8.64	290	8.64	290	8.64	290				
INDIANAPOLIS	IN: 429	442	85.8	1,684	7,091	194	8.72	61	13.8	17.3	20.1	334	19.8	283	11.08	283	11.08	283	11.08	283				
JACKSON	MS: 100	90	16.4	284	1,058	182	6.95	6	6.7	4.3	26.1	93	32.7	712	10.25	712	10.25	712	10.25	712				
JACKSON	MS: 291	325	43.8	758	2,982	135	7.66	26	8.0	9.2	21.0	145	19.1	353	7.96	353	7.96	353	7.96	353				
JACKSONVILLE	FL: 560	672	94.4	1,743	6,532	140	7.77	163	24.3	D	D	D	D	D	D	D	D	D	D	D				
JERSEY CITY	NJ: 627	534	58.6	737	3,292	110	7.90	10	1.9	D	D	D	D	D	D	D	D	D	D	D				
JOHNSTOWN	PA: 253	250	40.3	689	2,565	161	7.81	15	6.0	11.2	27.6	220	31.9	744	10.65	744	10.65	744	10.65	744				
KALAMAZOO-PORTAGE	MI: 108	103	24.6	479	1,872	239	8.20	9	8.7	7.1	29.0	168	35.1	793	10.95	793	10.95	793	10.95	793				
KANSAS CITY	MO: 418	501	113.1	2,078	9,959	226	9.22	116	23.2	28.0	24.6	500	24.1	241	11.40	241	11.40	241	11.40	241				
KENOSHA	WI: 77	72	14.3*	D	D	199*	D	5	6.9	3.4	23.8	74	D	684	10.24	684	10.24	684	10.24	684				

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 27--SMALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE AND PAYROLL PER DOLLAR SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

ALL SMALL STORE FIRMS										FOUR LARGEST SMALL STORE FIRMS 2/									
SMSA	FIRMS 3/	STORES 4/	ANNUAL SALES	EMPLOY- EES	PAY- ROLL	ANNUAL SALES PER STORE	PAYROLL PER EMPLOYEE	STORES PER DOLLAR SALES	PERCENT OF SMSA TOTAL	PCT.	NO.	PCT.	NO.	PCT.	MIL. DOL.	PCT.	NO.	PCT.	1,000 DOL.
KILLEEN-TEMPLE	TX: 144	162	25.2	547	1,872	156	8.06	28	17.3	7.3	29.1	162	29.6	262	9.26				
KINGSFORD-BRISTOL	TN: 433	405	41.8	622	2,272	103	6.90	15	3.7	5.6	13.3	114	18.3	374	7.60				
KNOXVILLE	TN: 422	423	70.2	1,329	4,911	166	7.80	27	6.4	13.0	18.5	216	16.3	481	7.88				
LA CROSSE	WI: 47	48	10.2*	D	D	212*	D	4	8.3	2.6	25.1	37	D	640	6.48				
LAFAYETTE	LA: 166	161	24.7*	D	D	154*	D	5	3.1	5.9	23.6	91	D	1,170	9.19				
LAFAYETTE-WEST LA	IN: 30	31	6.4*	D	D	205*	D	8	25.8	4.1	64.8	88	D	515	10.85				
LAKE CHARLES	LA: 153	175	30.2	593	2,037	173	7.44	37	21.1	9.0	29.8	264	44.5	243	9.96				
LAKELAND-WINTER H	FL: 203	265	43.5	869	3,681	164	9.02	70	26.4	11.9	27.3	226	26.0	170	9.81				
LANCASTER	PA: 225	246	47.3*	D	D	192*	D	39	15.9	10.2	21.5	260	D	261	11.61				
LANSING-EAST LANS	MI: 212	215	50.7	892	3,619	236	7.45	17	7.9	8.8	17.3	204	22.9	515	11.92				
LAREDO	TX: 104	103	13.7*	D	D	133*	D	9	8.7	4.6	33.6	85	D	512	7.25				
LAS VEGAS	NV: 84	129	24.5	605	2,026	190	8.50	54	41.9	D	D	D	D	D	D				
LAURENCE-HAVERHIL	MA: 162	150	22.6	392	1,317	151	7.05	9	6.0	3.3	14.6	58	14.8	367	6.81				
LAWTON	OK: 56	72	11.5*	265	859	160*	8.40	17	23.6	3.5	30.3	78	29.4	205	10.67				
LEWISTON-AUBURN	ME: 88	81	14.6*	D	D	180*	D	3	3.7	2.9	19.5	47	D	950	7.75				
LEXINGTON	KY: 263	218	36.3*	D	D	167*	D	6	2.8	4.5	12.3	77	D	752	10.79				
LIMA	OH: 149	144	31.4	616	2,306	218	7.72	8	5.6	5.3	17.0	87	14.1	668	9.96				
LINCOLN	NE: 44	39	8.0*	D	D	204*	D	4	10.3	3.4	42.8	77	D	854	10.25				
LITTLE ROCK-NORTH	AR: 274	262	42.1	605	2,572	161	7.618	29	11.1	6.2	14.6	91	15.0	212	9.81				
LONG BRANCH-ASBUR	NJ: 209	211	36.3*	D	D	172*	D	36	17.1	D	D	D	D	D	D				
LORAIN-ELYRIA	OH: 109	133	28.3*	D	D	213*	D	38	28.6	11.6	40.8	304	D	305	9.35				
LOS ANGELES-LONG	CA: 2,366	2,306	457.9	7,905	36,384	199	8.79	156	6.8	43.6	9.5	789	10.0	280	6.38				
LOUISVILLE	KY: 541	499	109.8	2,363	9,376	220	9.04	29	5.8	9.4	8.6	177	7.5	324	10.86				
LOWELL	MA: 95	102	19.2*	D	D	188*	D	20	19.6	4.2	22.0	96	D	212	10.26				
LUBBOCK	TX: 115	121	19.8	352	1,476	163	8.35	20	16.5	D	D	D	D	D	D				
LYNCHBURG	VA: 182	166	25.2	451	1,786	152	7.87	10	6.0	4.0	16.1	73	16.2	404	9.55				
MACON	GA: 241	269	41.6	772	3,303	155	8.62	42	15.6	12.6	30.1	236	30.6	299	10.04				
MADISON	WI: 119	130	34.4	826	2,925	265	8.67	21	16.2	6.5	18.8	163	19.7	309	9.38				
MANCHESTER	NH: 126	115	23.4	383	1,553	204	7.37	4	3.5	D	D	D	D	D	D				
MANSFIELD	OH: 65	65	12.3	261	956	189	8.33	15	23.1	D	D	D	D	D	D				
MCALLEN-PHARR-EDI	TX: 289	288	33.4	659	1,941	116	6.86	10	3.5	6.4	19.1	163	24.7	641	7.24				
MELBOURNE-TITUSVI	FL: 88	149	24.0	455	1,909	161	8.38	67	45.0	D	D	D	D	D	D				
MEMPHIS	TN: 808	840	120.9	2,262	8,262	144	7.59	91	10.8	18.7	15.5	456	20.2	205	10.05				
MERIDEN	CT: 40	38	6.6	104	470	173	8.57	7	18.4	3.0	45.3	51	49.0	425	9.27				
MIAMI	FL: 782	889	180.5	3,091	14,630	203	8.60	179	20.1	46.7	25.8	894	28.9	261	9.77				
MIDLAND	TX: 52	56	10.1	220	983	180	10.13	13	23.2	D	D	D	D	D	D				

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.









TABLE 27--SMALL GROCERY STORES: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE AND PAYROLL PER DOLLAR SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

ALL SMALL STORE FIRMS										FOUR LARGEST SMALL STORE FIRMS 2/									
SMSA	FIRMS 3/	STORES 4/	ANNUAL : SALES :	EMPLOY- : EES :	PAY- : ROLL :	ANNUAL : : SALES :	PERCENT- : OF SMSA :	TOTAL : : SALES :	PERCENT- : OF SMSA :	PAYROLL : : PER DOLLAR :	EMPLOYEES : : PER DOLLAR :	ANNUAL : : SALES :	PERCENT- : OF SMSA :	TOTAL : : SALES :	PERCENT- : OF SMSA :	PAYROLL : : PER DOLLAR :	EMPLOYEES : : PER DOLLAR :	ANNUAL : : SALES :	PERCENT- : OF SMSA :
			MIL. DOL.	NO.	NO.	1,000 DOL.	PCT.	NO.	PCT.	MIL. DOL.	PCT.	NO.	PCT.	1,000 DOL.	PCT.	NO.	PCT.	1,000 DOL.	PCT.
SARASOTA	FL:	54	75	13.6	245	1,262	181	9.50	29	38.7	D	21.1	D	D	21.1	D	21.9	D	D
SAVANNAH	GA:	209	209	31.2	581	2,306	149	8.12	21	10.0	6.6	21.1	D	21.1	D	21.9	D	313	10.02
SEATTLE-EVERETT	WA:	690	724	145.9	2,582	10,993	201	8.12	92	12.7	24.7	17.0	D	24.7	17.0	538	20.8	269	7.70
SHERMAN-DENISON	TX:	97	112	16.4*	D	D	147*	D	22	19.6	D	D	D	D	D	D	D	D	D
SHREVEPORT	LA:	386	407	59.0	953	3,954	145	7.88	64	15.7	D	D	D	D	D	D	D	D	D
SILOUX CITY	IA:	73	71	15.1	264	1,080	213	7.38	7	9.9	3.9	25.5	72	27.3	3.9	72	27.3	552	10.69
SILOUX FALLS	SD:	43	42	10.2*	D	D	243*	D	5	11.9	3.9	38.1	75	D	3.9	75	D	780	8.10
SOUTH BEND	IN:	129	120	28.7	606	2,282	239	8.34	7	5.8	4.9	17.1	117	19.3	4.9	117	19.3	706	10.80
SPOKANE	WA:	139	129	26.7	487	2,024	207	8.18	8	6.2	3.7	13.6	80	16.4	3.7	80	16.4	458	8.34
SPRINGFIELD	IL:	84	74	15.8	301	1,034	213	6.98	5	6.8	4.2	26.8	71	23.6	4.2	71	23.6	849	9.24
SPRINGFIELD	MO:	94	116	23.8*	D	D	205*	D	17	14.7	7.3	30.8	144	D	7.3	144	D	431	9.61
SPRINGFIELD	OH:	116	115	20.4	435	1,539	177	8.05	16	13.9	5.8	28.3	146	33.6	5.8	146	33.6	362	9.40
SPRINGFIELD-CHICO	MA:	253	247	55.1	1,167	4,967	223	9.57	14	5.7	14.4	26.1	282	24.2	14.4	282	24.2	1,026	10.84
STAMFORD	CT:	111	107	16.2	298	1,337	151	9.57	9	8.4	3.7	22.8	93	31.2	3.7	93	31.2	410	11.94
STEBENVILLE-WEIR	OH:	175	162	25.0	556	1,430	155	6.37	9	5.6	4.6	18.1	95	17.1	4.6	95	17.1	506	7.51
STOCKTON	CA:	187	196	47.3*	D	D	241*	D	13	6.6	9.3	19.6	170	D	9.3	170	D	717	11.71
SYRACUSE	NY:	369	364	81.6	1,394	5,943	224	8.09	21	5.8	15.1	18.5	319	22.9	15.1	319	22.9	719	10.10
TACOMA	WA:	168	172	40.1	649	3,034	233	8.04	22	12.8	10.1	25.3	192	29.6	10.1	192	29.6	460	8.11
TALLAHASSEE	FL:	96	127	19.2	372	1,608	151	9.13	43	33.9	8.8	46.0	161	43.3	8.8	161	43.3	205	9.27
TAMPA-ST PETERSBU	FL:	559	875	135.6	2,815	11,807	155	9.27	296	33.8	53.8	39.6	1,254	44.5	53.8	1,254	44.5	182	10.23
TERRE HAUTE	IN:	170	147	19.7	364	1,146	134	6.58	3	2.0	2.5	12.5	63	17.3	2.5	63	17.3	823	7.45
TEXARKANA	TX:	216	203	26.9*	D	D	132*	D	18	8.9	5.1	19.1	104	D	5.1	104	D	285	9.31
TOLEDO	OH:	389	390	77.5	1,430	5,782	199	7.95	37	9.5	11.6	15.0	287	20.1	11.6	287	20.1	313	12.53
TOPEKA	KS:	89	86	21.1	409	1,490	245	7.43	4	4.7	3.4	15.8	56	13.7	3.4	56	13.7	839	9.23
TRENTON	NJ:	197	183	28.9	510	2,330	158	9.41	20	10.9	6.2	21.5	126	24.7	6.2	126	24.7	312	10.49
TUCSON	AZ:	177	282	51.5	1,005	3,568	183	7.36	112	39.7	27.6	53.6	602	59.9	27.6	602	59.9	247	7.69
TULSA	OK:	347	424	70.1	1,320	5,604	165	8.92	116	27.4	23.9	34.0	487	36.9	23.9	487	36.9	206	10.93
TUSCALOOSA	AL:	170	170	21.0*	D	D	124*	D	24	14.1	7.1	33.8	117	D	7.1	117	D	296	8.78
TYLER	TX:	109	110	14.8	274	919	134	7.48	9	8.2	3.2	21.6	70	25.5	3.2	70	25.5	357	8.97
UTICA-ROME	NY:	257	248	43.9*	D	D	177*	D	16	6.5	11.3	25.8	198	D	11.3	198	D	706	9.96
VALLEJO-FAIRFIELD	CA:	101	119	21.8*	D	D	183*	D	31	26.1	6.3	28.8	159	D	6.3	159	D	202	8.99
VINELAND-MILLVILL	NJ:	129	123	18.0	297	1,229	146	7.79	12	9.8	4.8	26.5	94	31.6	4.8	94	31.6	397	10.09
WACO	TX:	180	200	31.2	610	2,228	156	8.14	25	12.5	8.4	27.0	148	24.3	8.4	148	24.3	337	8.28
WASHINGTON	DC:	825	981	196.9	3,791	18,559	201	10.12	238	24.3	D	D	D	D	D	D	D	D	D
WATERBURY	CT:	182	179	28.0	434	1,898	156	7.86	12	6.7	4.2	15.1	88	20.3	4.2	88	20.3	352	10.31
WATERLOO-CEDAR FA	IA:	55	52	9.4	197	640	180	7.22	4	7.7	3.0	32.1	64	32.5	3.0	64	32.5	754	9.55

SEE FOOTNOTES AT END OF TABLE.

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Table 28--Small grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store and payroll per dollar sales for all stores and stores of the four largest small grocery store firms, SMSA summaries by population, region and four-firm concentration ratio, 1972

Item	Small stores, all firms										Small stores, four largest firms 1/									
	Firms					Stores					Payroll					Annual sales				
	2/					3/					4/					5/				
	No.	Mil. dol.	No.	Annual sales	Payroll per store	No.	Annual sales	Payroll per store	Percent of SMSA	Total	No.	Annual sales	Payroll per store	Percent of SMSA	Total	No.	Annual sales	Payroll per store	Percent of SMSA	Total
Mean, weighted	1,306	1,347	238.9	4,362	177	8.77	11.0	148	14.2	41.7	16.6	20.7	275	20.7	275	20.7	275	20.7	275	20.7
Mean, unweighted	1,282	1,223	191.3	3,249	186	8.60	14.2	97	8.6	24.9	19.3	23.3	310	23.3	310	23.3	310	23.3	310	23.3
Standard deviation																				
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
SMSA's with 1,000,000 or more population																				
Mean, weighted	1,306	1,347	238.9	4,362	177	8.77	11.0	148	14.2	41.7	16.6	20.7	275	20.7	275	20.7	275	20.7	275	20.7
Mean, unweighted	1,282	1,223	191.3	3,249	186	8.60	14.2	97	8.6	24.9	19.3	23.3	310	23.3	310	23.3	310	23.3	310	23.3
Standard deviation																				
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
SMSA's with 300,000 - 999,999 population																				
Mean, weighted	1,306	1,347	238.9	4,362	177	8.77	11.0	148	14.2	41.7	16.6	20.7	275	20.7	275	20.7	275	20.7	275	20.7
Mean, unweighted	1,282	1,223	191.3	3,249	186	8.60	14.2	97	8.6	24.9	19.3	23.3	310	23.3	310	23.3	310	23.3	310	23.3
Standard deviation																				
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
SMSA's with 150,000 - 299,999 population																				
Mean, weighted	1,306	1,347	238.9	4,362	177	8.77	11.0	148	14.2	41.7	16.6	20.7	275	20.7	275	20.7	275	20.7	275	20.7
Mean, unweighted	1,282	1,223	191.3	3,249	186	8.60	14.2	97	8.6	24.9	19.3	23.3	310	23.3	310	23.3	310	23.3	310	23.3
Standard deviation																				
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
SMSA's with less than 150,000 population																				
Mean, weighted	1,306	1,347	238.9	4,362	177	8.77	11.0	148	14.2	41.7	16.6	20.7	275	20.7	275	20.7	275	20.7	275	20.7
Mean, unweighted	1,282	1,223	191.3	3,249	186	8.60	14.2	97	8.6	24.9	19.3	23.3	310	23.3	310	23.3	310	23.3	310	23.3
Standard deviation																				
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34

See footnotes at end of table.

Continued--

Table 28--Small grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store and payroll per dollar sales for all stores and stores of the four largest small grocery store firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

Item	Small stores, all firms										Small stores, four largest firms 1/									
	Firms					Stores					Stores					Employees				
	: Annual : payroll : sales : per : 4/ : store : dollar : sales					: Annual : payroll : sales : per : 4/ : store : dollar : sales					: Annual : payroll : sales : per : 4/ : store : dollar : sales					: Annual : payroll : sales : per : 4/ : store : dollar : sales				
	2/	3/	4/	5/	6/	7/	8/	9/	10/	11/	12/	13/	14/	15/	16/	17/	18/	19/	20/	21/
SMSA's in the Northeastern region																				
Mean, weighted	481	470	77.2	1,506	6,441	172	8.26	32	9.9	13.9	23.1	305	26.8	9.3	209	1.32				
Mean, unweighted	1,035	1,004	156.3	2,882	13,788	35	.77	51	5.5	20.5	7.8	478	9.3							
Standard deviation																				
Number of SMSA's	56	56	56	48	48	56	48	56	56	43	43	43	37	43	43					
SMSA's in the North Central region																				
Mean, weighted	279	277	52.7	1,198	4,555	205	7.91	28	11.4	10.7	25.4	252	25.3	11.0	245	1.46				
Mean, unweighted	533	516	92.5	1,814	7,708	43	.81	45	7.5	14.2	11.2	354	11.0							
Standard deviation																				
Number of SMSA's	69	69	69	58	58	69	58	69	69	60	60	59	49	59	60	59				
SMSA's in the Southern region																				
Mean, weighted	328	359	55.7	1,164	4,756	152	8.20	57	16.0	14.4	26.8	290	28.8	11.7	215	.99				
Mean, unweighted	302	346	60.2	1,229	5,290	28	.82	74	10.3	15.2	10.5	323	11.7							
Standard deviation																				
Number of SMSA's	98	98	98	78	78	98	78	98	98	80	80	80	63	80	80	80				
SMSA's in the Western region																				
Mean, weighted	295	322	64.3	1,313	5,612	206	8.31	52	16.1	14.4	26.5	329	31.4	16.3	245	1.82				
Mean, unweighted	449	448	87.3	1,581	7,322	29	.79	58	12.9	14.4	14.2	326	16.3							
Standard deviation																				
Number of SMSA's	40	40	40	33	33	40	33	40	40	32	32	31	26	31	32	31				

See footnotes at end of table.

Continued--

Table 28--Small grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store and payroll per dollar sales for all stores and stores of the four largest small grocery store firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

Item	Small stores, all firms										Small stores, four largest firms 1/									
	Firms					Stores					Annual sales					Employees				
	2/					3/					4/					5/				
	No.	Mil. dol.	No.	1,000 dol.	Pct.	No.	Mil. dol.	No.	1,000 dol.	Pct.	No.	Mil. dol.	No.	1,000 dol.	Pct.	No.	Mil. dol.	No.	1,000 dol.	Pct.
Mean, weighted	154	175	30.7	175	8.67	36	186	8.37	175	8.67	20.4	29.9	33.5	268	9.73	189	35.7	438	9.53	1.14
Mean, unweighted	165	201	36.2	201	8.85	55	41	8.85	201	8.85	12.3	10.2	13.4	238	9.73	224	12.1	238	9.73	1.14
Standard deviation																				
Number of SMSA's	64	64	64	64	64	64	64	64	64	64	64	51	51	51	38	51	51	51	51	50
SMSA's with 1972 four-firm concentration ratios of 60 percent or over																				
Mean, weighted	339	350	59.4	350	8.40	42	178	8.10	350	8.40	12.1	21.7	24.9	307	10.02	295	27.3	453	9.73	1.56
Mean, unweighted	556	546	90.5	546	8.86	57	35	8.86	546	8.86	8.4	8.5	9.2	241	1.56	400	9.2	241	1.56	
Standard deviation																				
Number of SMSA's	82	82	82	82	82	82	82	82	82	82	82	62	62	62	51	62	62	62	62	62
SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent																				
Mean, weighted	373	385	67.1	385	8.24	45	175	8.05	385	8.24	11.7	20.1	23.1	288	9.57	306	26.2	408	9.65	1.36
Mean, unweighted	420	429	78.6	429	8.73	57	43	8.73	429	8.73	8.3	10.2	11.3	238	1.36	314	11.3	238	1.36	
Standard deviation																				
Number of SMSA's	93	93	93	93	93	93	93	93	93	93	93	81	81	81	67	81	81	81	81	80
SMSA's with 1972 four-firm concentration ratios of less than 40 percent																				
Mean, weighted	739	743	121.5	743	8.86	58	173	8.05	739	8.86	7.9	14.8	17.6	316	10.14	436	18.9	537	9.69	1.41
Mean, unweighted	1,433	1,396	221.8	1,396	8.81	100	55	8.81	1,396	8.81	6.5	7.7	8.6	278	1.41	610	8.6	278	1.41	
Standard deviation																				
Number of SMSA's	24	24	24	24	24	24	24	24	24	24	24	21	21	21	19	21	21	21	21	21

-- = Not applicable. 1/ Firm rank based on sales of small grocery stores. 2/ Firms in business at any time during 1972. 3/ Stores open at the end of 1972. 4/ Sales for stores open at any time during 1972 divided by number of stores open at the end of the year. 5/ Calculated using payroll and sales of establishments reporting payroll. Sources: Tables 12, 13, and 27 and appendix A.







TABLE 29---SELLING AREA AND SALES PER SQUARE FOOT OF SELLING AREA FOR ALL GROCERY STORES AND FOR SUPERMARKETS OPERATED BY ALL FIRMS AND THE FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

SMSA	ALL GROCERY STORES										SUPERMARKETS									
	ALL FIRMS 2/					FOUR LARGEST FIRMS 3/					ALL FIRMS 3/					FOUR LARGEST FIRMS 4/				
	COVERAGE	SALES	PER	RATIO	AREA PER	COVERAGE	SALES	PER	RATIO	AREA PER	COVERAGE	SALES	PER	RATIO	AREA PER	COVERAGE	SALES	PER	RATIO	AREA PER
5/	STORE	SQ. FT.	6/	STORE	SQ. FT.	6/	STORE	SQ. FT.	6/	STORE	SQ. FT.	6/	STORE	SQ. FT.	6/	STORE	SQ. FT.	6/	STORE	SQ. FT.
INDEX	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.
BRYAN-COLLEGE STA	TX:	NA	NA	D	D	D	12,308	152	D	D	D	D	D	D	D	D	15,485	D	D	D
BUFFALO	NY:	2	4,600	89	D	D	12,308	152	D	D	D	13,568	195	D	D	D	10,288	191	D	D
BURLINGTON	NC:	2	3,694	D	D	D	D	D	D	D	D	10,553	161	D	D	D	16,444	240	D	D
CANTON	OH:	3	5,911	D	D	D	D	D	D	D	D	16,679	159	D	D	D	12,113	223	D	D
CEDAR RAPIDS	IA:	1	5,898	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
CHAMPAIGN-URBANA-	IL:	1	5,583	100	D	D	11,407	222	D	D	D	D	D	D	D	D	D	D	D	D
CHARLESTON	SC:	2	4,349	D	D	D	D	D	D	D	D	14,696	169	D	D	D	D	D	D	D
CHARLESTON	WV:	2	4,091	96	D	D	12,410	214	D	D	D	10,653	215	D	D	D	D	D	D	D
CHARLOTTE-GASTONI	NC:	2	4,115	96	D	D	12,102	148	D	D	D	13,217	167	D	D	D	D	D	D	D
CHATTANOOGA	TN:	3	4,509	95	D	D	11,546	188	D	D	D	12,236	179	D	D	D	D	D	D	D
CHICAGO	IL:	2	5,674	98	D	D	14,045	212	D	D	D	13,743	215	D	D	D	D	D	D	D
CINCINNATI	OH:	3	3,121	97	D	D	13,339	229	D	D	D	13,412	218	D	D	D	D	D	D	D
CLEVELAND	OH:	2	4,254	D	D	D	D	D	D	D	D	13,086	216	D	D	D	13,514	221	D	D
COLORADO SPRINGS	CO:	1	5,196	D	D	D	D	D	D	D	D	14,532	213	D	D	D	15,928	215	D	D
COLUMBIA	MO:	1	6,344	100	D	D	15,883	198	D	D	D	12,566	166	D	D	D	15,883	198	D	D
COLUMBIA	SC:	2	3,648	D	D	D	D	D	D	D	D	13,373	150	D	D	D	D	D	D	D
COLUMBUS	GA:	4	2,807	100	D	D	11,922	138	D	D	D	11,694	142	D	D	D	14,548	232	D	D
COLUMBUS	OH:	3	5,038	D	D	D	D	D	D	D	D	12,801	183	D	D	D	14,548	232	D	D
CORPUS CHRISTI	TX:	NA	NA	50	NS	NS	NS	NS	NS	NS	NS	D	D	NS	NS	NS	NS	NS	NS	NS
DALLAS-FT WORTH	TX:	2	4,734	100	D	D	14,030	142	D	D	D	13,892	143	D	D	D	15,044	146	D	D
DANBURY	CT:	4	4,924	D	D	D	D	D	D	D	D	14,511	209	D	D	D	D	D	D	D
DAVENPORT-ROCK IS	IA:	1	5,959	100	D	D	15,200	212	D	D	D	D	D	D	D	D	15,200	212	D	D
DAYTON	OH:	3	4,631	86	D	D	12,887	196	D	D	D	12,866	198	D	D	D	12,887	196	D	D
DAYTONA BEACH	FL:	1	4,236	93	D	D	9,801	180	D	D	D	13,979	177	D	D	D	D	D	D	D
DECATUR	IL:	2	6,526	100	D	D	13,135	247	D	D	D	D	D	D	D	D	D	D	D	D
DENVER-BOULDER	CO:	1	5,627	D	D	D	D	D	D	D	D	15,477	258	D	D	D	D	D	D	D
DES MOINES	IA:	3	6,710	83	D	D	17,428	207	D	D	D	D	D	D	D	D	17,428	207	D	D
DETROIT	MI:	3	4,579	84	D	D	16,630	265	D	D	D	14,069	231	D	D	D	D	D	D	D
DUBUQUE	IA:	1	4,019	100	D	D	17,185	202	D	D	D	17,376	216	D	D	D	D	D	D	D
DULUTH-SUPERIOR	MN:	1	3,987	100	D	D	11,325	172	D	D	D	D	D	D	D	D	D	D	D	D
EL PASO	TX:	3	4,577	D	D	D	D	D	D	D	D	14,544	149	D	D	D	D	D	D	D
ELMIRA	NY:	2	4,044	100	D	D	11,601	157	D	D	D	11,640	180	D	D	D	11,631	176	D	D
ERIE	PA:	1	3,812	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
EUGENE-SPRINGFIELD	OR:	3	5,497	100	D	D	14,048	151	D	D	D	D	D	D	D	D	14,048	151	D	D
EVANSVILLE	IN:	4	4,763	D	D	D	D	D	D	D	D	10,722	179	D	D	D	D	D	D	D
FALL RIVER	MA:	2	5,048	100	D	D	15,935	173	D	D	D	15,026	193	D	D	D	D	D	D	D

SEE FOOTNOTES AT END OF TABLE

CONTINUED---



TABLE 29--SELLING AREA AND SALES PER SQUARE FOOT OF SELLING AREA FOR ALL GROCERY STORES AND FOR SUPERMARKETS OPERATED BY ALL FIRMS AND THE FOUR LARGEST FIRMS, SMSA'S, 1972 1/--CONTINUED

SMSA	ALL GROCERY STORES										SUPERMARKETS									
	ALL FIRMS 2/					FOUR LARGEST FIRMS 3/					ALL FIRMS 3/					FOUR LARGEST FIRMS 4/				
	INDEX	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.
	TX: NA	NA	NA	64	13,784	126	65	13,548	143	62	13,548	143	62	13,548	143	62	13,548	143	62	13,548
KILLEEN-TEMPLE	4	3,348	147	71	14,603	146	84	12,663	153	73	12,663	153	73	12,663	153	73	12,663	153	73	12,663
KINGSFORD-BRISTOL	2	3,934	149	D	D	D	95	11,184	175	100	11,184	175	100	11,184	175	100	11,184	175	100	11,184
KNOXVILLE	NA	NA	NA	100	13,319	202	89	12,018	194	100	12,018	194	100	12,018	194	100	12,018	194	100	12,018
LA CROSSE	WI: NA	NA	NA	D	D	D	98	15,717	152	88	15,717	152	88	15,717	152	88	15,717	152	88	15,717
LAFAYETTE	LA: 2	3,214	147	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LAFAYETTE-WEST LA	IN: 2	6,206	231	100	13,456	232	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LAKE CHARLES	LA: 4	3,574	130	76	16,311	138	D	D	D	91	14,027	179	93	D	D	93	D	D	D	D
LAKE CHARLES	FL: 3	3,268	168	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LAKELAND-WINTER H	FL: 3	3,268	168	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LANCASTER	PA: 2	3,421	175	100	12,102	203	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LANSING-EAST LANS	MI: 4	4,955	162	54	NS	NS	64	12,530	181	82	12,530	181	82	12,530	181	82	12,530	181	82	12,530
LAREDO	TX: NA	NA	NA	72	17,838	136	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LAS VEGAS	NV: 2	6,601	167	100	29,925	155	95	24,821	167	100	24,821	167	100	24,821	167	100	24,821	167	100	24,821
LAURENCE-HAVERHIL	MA: 3	4,881	209	65	12,402	243	75	13,898	219	81	13,898	219	81	13,898	219	81	13,898	219	81	13,898
LAWTON	OK: 3	3,716	117	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LEWISTON-AUBURN	ME: 3	3,048	205	D	D	D	100	D	D	100	D	D	100	D	D	100	D	D	100	D
LEXINGTON	KY: 1	4,368	178	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LIMA	OH: 2	3,654	177	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LINCOLN	NE: 4	9,345	124	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LITTLE ROCK-NORTH	AR: 2	4,000	163	97	13,097	169	93	12,769	170	95	12,769	170	95	12,769	170	95	12,769	170	95	12,769
LONG BRANCH-ASBUR	NJ: 2	7,618	159	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LORAIN-ELYRIA	OH: 1	4,913	176	100	14,889	168	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LOS ANGELES-LONG	CA: 2	6,795	190	95	16,244	246	87	16,134	200	97	16,134	200	97	16,134	200	97	16,134	200	97	16,134
LOUISVILLE	KY: 2	3,960	201	D	D	D	96	11,465	208	100	11,465	208	100	11,465	208	100	11,465	208	100	11,465
LOWELL	MA: 3	3,391	284	86	9,759	376	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LUBBOCK	TX: NA	NA	NA	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
LYNCHBURG	VA: 2	3,629	151	100	11,655	178	100	12,724	168	100	12,724	168	100	12,724	168	100	12,724	168	100	12,724
MACON	GA: 2	3,276	150	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
MADISON	WI: 2	4,507	192	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
MANCHESTER	NH: 3	4,590	158	100	16,089	195	87	14,563	181	100	14,563	181	100	14,563	181	100	14,563	181	100	14,563
MANSFIELD	OH: 2	4,754	192	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
MCALLEN-PHARR-EDI	TX: NA	NA	NA	D	D	D	64	17,125	157	30	17,125	157	30	17,125	157	30	17,125	157	30	17,125
MELBOURNE-TITUSVI	FL: 1	4,494	150	100	13,898	159	100	14,121	168	100	14,121	168	100	14,121	168	100	14,121	168	100	14,121
MEMPHIS	TN: 3	2,871	186	93	10,022	242	88	12,820	218	83	12,820	218	83	12,820	218	83	12,820	218	83	12,820
MERIDEN	CT: 1	4,067	205	100	14,947	236	100	17,347	226	100	17,347	226	100	17,347	226	100	17,347	226	100	17,347
MIAMI	FL: 2	4,389	177	99	14,789	193	96	14,559	191	57	14,559	191	57	14,559	191	57	14,559	191	57	14,559
MIDLAND	TX: NA	NA	NA	D	D	D	40	NS	NS	D	NS	NS	D	NS	NS	D	NS	NS	D	NS

SEE FOOTNOTES AT END OF TABLE

CONTINUED--



TABLE 29---SELLING AREA AND SALES PER SQUARE FOOT OF SELLING AREA FOR ALL GROCERY STORES AND FOR SUPERMARKETS OPERATED BY ALL FIRMS AND THE FOUR LARGEST FIRMS, SHSA'S, 1972 1/---CONTINUED

ALL GROCERY STORES										SUPERMARKETS									
ALL FIRMS 2/					FOUR LARGEST FIRMS 3/					ALL FIRMS 3/					FOUR LARGEST FIRMS 4/				
INDEX	SG. FT.	DOL.	PCT.	SG. FT.	DOL.	PCT.	SG. FT.	DOL.	PCT.	SG. FT.	DOL.	PCT.	SG. FT.	DOL.	PCT.	SG. FT.	DOL.		
AR:	3	3,324	148	D	D	D	D	D	D	D	D	D	D	D	89	13,139	175		
PA:	3	4,713	157	87	11,730	164	D	12,952	85	D	171	D	12,952	85	D	D	D		
MA:	3	8,050	146	D	D	D	D	D	D	D	D	D	D	83	D	D	D		
ME:	4	3,409	183	100	15,860	207	207	15,700	78	194	194	D	15,700	100	D	D	D		
OR:	2	6,470	144	100	22,340	153	153	19,039	92	153	153	D	19,039	100	D	D	D		
NY:	2	5,930	204	D	D	D	D	D	92	13,394	201	92	13,394	97	13,578	202	D		
RI:	2	5,037	159	D	D	D	D	D	97	15,931	179	D	15,931	98	D	D	D		
UT:	3	5,525	143	D	D	D	D	D	79	14,364	150	D	14,364	88	15,538	178	D		
CO:	1	3,564	193	D	D	D	D	D	D	D	D	D	D	100	D	D	D		
WI:	1	4,573	201	100	12,978	217	217	13,354	00	198	198	D	13,354	100	12,978	217	D		
NC:	2	3,480	167	D	D	D	D	D	D	D	D	D	D	98	D	D	D		
PA:	2	3,873	166	D	D	D	D	12,656	90	181	181	D	12,656	90	D	D	D		
RENO	1	7,300	193	100	17,190	198	198	D	D	D	D	D	D	100	17,190	198	D		
VA:	2	5,339	139	100	12,404	154	154	D	D	D	D	D	D	100	D	D	D		
VA:	2	5,134	163	D	D	D	D	D	94	13,912	180	D	13,912	100	D	D	D		
VA:	2	5,692	148	100	17,986	164	164	16,430	89	159	159	D	16,430	100	17,986	164	D		
VA:	4	3,773	178	D	D	D	D	D	D	D	D	D	D	100	D	D	D		
VA:	3	5,893	168	D	D	D	D	D	D	D	D	D	D	86	D	D	D		
NY:	2	6,067	166	95	16,997	167	167	16,151	93	170	170	D	16,151	96	18,962	174	D		
IL:	3	6,688	167	86	13,288	243	243	D	D	D	D	D	D	89	D	D	D		
CA:	3	5,817	156	92	17,651	187	187	16,513	85	168	168	D	16,513	95	D	D	D		
MI:	3	4,520	191	D	D	D	D	14,199	90	195	195	D	14,199	89	14,960	225	D		
MN:	3	3,443	189	D	D	D	D	11,657	84	217	217	D	11,657	83	D	D	D		
MO:	3	4,625	169	75	11,496	164	164	11,539	77	172	172	D	11,539	69	11,496	164	D		
MO:	2	5,174	170	98	13,806	193	193	13,617	92	193	193	D	13,617	98	D	D	D		
ST LOUIS	2	6,488	119	D	D	D	D	18,226	97</										

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SEE FOOTNOTES AT END OF TABLE

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TABLE 29--SELLING AREA AND SALES PER SQUARE FOOT OF SELLING AREA FOR ALL GROCERY STORES AND FOR SUPERMARKETS OPERATED BY ALL FIRMS AND THE FOUR LARGEST FIRMS, SMSA'S, 1972 1/1--CONTINUED

SMSA	ALL GROCERY STORES										SUPERMARKETS									
	ALL FIRMS 2/					FOUR LARGEST FIRMS 3/					ALL FIRMS 3/					FOUR LARGEST FIRMS 4/				
	INDEX	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.	DOL.	PCT.	SQ. FT.
WEST PALM BEACH-8 FL:	1	4,047	192	D	D	D	D	10,277	245	D	14,465	212	98	D	D	98	D	D	D	D
WHEELING WV:	2	2,931	200	100	11,462	146	82	12,675	158	D	D	D	100	D	D	100	D	D	D	D
WICHITA KS:	3	6,103	152	96	11,553	125	100	8,761	227	100	9,634	232	100	D	D	100	12,651	132	D	D
WICHITA FALLS TX:	1	3,879	127	100	11,553	125	100	8,761	227	100	9,634	232	100	D	D	100	D	D	D	D
WILLIAMSPORT PA:	2	3,965	210	100	11,553	125	100	8,761	227	100	9,634	232	100	D	D	100	D	D	D	D
WILMINGTON DE:	1	4,972	196	D	D	D	D	11,094	155	D	D	D	D	D	D	D	D	D	D	D
WILMINGTON NC:	2	3,324	160	100	12,327	213	82	13,938	168	88	13,938	144	79	D	D	100	D	D	D	D
WORCESTER MA:	3	5,691	186	100	12,327	213	82	13,938	168	88	13,938	144	79	D	D	100	D	D	D	D
YAKIMA WA:	2	6,058	118	87	13,938	168	88	13,938	168	88	13,938	144	79	D	D	100	D	D	D	D
YORK PA:	2	4,687	142	D	D	D	D	35,620	87	D	D	D	D	94	14,263	94	14,263	229	D	D
YOUNGSTOWN-WARREN OH:	2	6,413	104	99	35,620	87	95	20,046	113	D	20,046	113	D	D	D	D	D	D	D	D
MEAN, WEIGHTED 7/	--	4,834	173	93	13,799	195	86	14,232	192	86	14,232	192	86	95	15,002	95	15,002	210	95	15,002
MEAN, UNWEIGHTED	2.4	4,757	168	94	13,554	190	88	14,058	184	88	14,058	184	88	95	14,954	95	14,954	194	95	14,954
STANDARD DEVIATION:	0.9	1,169	31	9	3,751	42	10	2,198	28	10	2,198	28	9	9	3,103	9	3,103	35	9	3,103
NUMBER OF SMSA'S	245	245	245	151	151	151	152	152	152	152	152	152	152	90	90	90	90	88	88	88

1/ -- = NOT APPLICABLE; "NA" DENOTES THAT DATA ARE NOT AVAILABLE; "D" DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS; AND "NS" DENOTES THAT REPORTING BY THE FIRMS WAS NOT SUFFICIENT TO PRODUCE RELIABLE ESTIMATES.

2/ EXCLUDES ESTABLISHMENTS WITHOUT PAYROLL.

3/ DATA FOR ESTABLISHMENTS THAT REPORTED SELLING AREA. REPORTING RATE MAY VARY WITH FIRM AND STORE SIZE.

4/ FIRM RANK BASED ON SALES OF SUPERMARKETS. SALES PER SQUARE FOOT OF SELLING AREA WAS ESTIMATED FOR AN SMSA BY DIVIDING AVERAGE SALES PER STORE FOR ALL STORES BY AVERAGE SELLING AREA PER STORE FOR STORES THAT REPORTED SELLING AREA. HOWEVER, IF THE STORES REPORTING SELLING AREA WERE THE SAME STORES AS FOR THE FOUR LARGEST GROCERY STORE FIRMS, THEN SALES PER SQUARE FOOT OF SELLING AREA FOR THE FOUR LARGEST GROCERY STORE FIRMS WAS USED FOR THE FOUR LARGEST SUPERMARKET FIRMS.

5/ SALES OF ESTABLISHMENTS REPORTING SELLING AREA AS A PERCENTAGE OF TOTAL SALES OF ALL ESTABLISHMENTS WHERE "1" DENOTES 90 PERCENT OR MORE; "2" DENOTES 80 PERCENT TO 89 PERCENT; "3" DENOTES 70 PERCENT TO 79 PERCENT; AND "4" DENOTES 60 TO 69 PERCENT.

6/ SALES OF ESTABLISHMENTS REPORTING SELLING AREA AS A PERCENTAGE OF TOTAL SALES OF ALL ESTABLISHMENTS.

7/ THE MEAN FOR SALES PER SQUARE FOOT OF SELLING AREA FOR THE FOUR LARGEST SUPERMARKET FIRMS WAS WEIGHTED USING TOTAL GROCERY STORE SALES IN THE SMSA. THE OTHER MEANS WERE SELF-WEIGHTED.

SOURCES: BUREAU OF THE CENSUS, CENSUS OF RETAIL TRADE, 1972, VOLUME 1, SUMMARY AND SUBJECT STATISTICS, U. S. GOVT. PRINT. OFF., 1976; TABLE 25; AND SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.

Table 30--Selling area and sales per square foot of selling area for all grocery stores and for supermarkets operated by all firms, and the four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972

Item	All grocery stores										Supermarkets									
	All firms 1/					Four largest firms 2/					All firms 2/					Four largest firms 3/				
	Coverage ratio 4/	Selling area per store	Sales per sq. ft.	Coverage ratio 5/	Selling area per store	Sales per sq. ft.	Coverage ratio 5/	Selling area per store	Sales per sq. ft.		Coverage ratio 5/	Selling area per store	Sales per sq. ft.	Coverage ratio 5/	Selling area per store	Sales per sq. ft.	Stores reporting	Selling area per store	Sales per sq. ft.	
Mean, weighted 6/	---	5,070	184	94	14,487	204	86	14,306	200		86	14,306	200	98	14,754	227		14,754	227	
Mean, unweighted	2.3	5,144	183	94	14,942	201	88	14,438	197		88	14,438	197	98	14,626	217		14,626	217	
Standard deviation	.7	994	26	6	2,662	38	6	1,757	28		6	1,757	28	3	1,478	39		1,478	39	
Number of SMSA's	33	33	33	26	26	26	34	34	34		34	34	34	11	11	11		11	11	
SMSA's with 1 million or more population																				
Mean, weighted 6/	---	4,764	161	86	13,136	176	85	14,384	175		85	14,384	175	91	15,825	183		15,825	183	
Mean, unweighted	2.5	4,970	162	91	13,901	183	86	14,395	175		86	14,395	175	90	15,686	183		15,686	183	
Standard deviation	.8	1,096	25	10	4,418	37	9	2,032	25		9	2,032	25	13	2,911	29		2,911	29	
Number of SMSA's	74	74	74	39	39	39	50	50	50		50	50	50	26	26	26		26	26	
SMSA's with 300,000 - 999,999 population																				
Mean, weighted 6/	---	4,434	163	94	12,824	180	90	13,510	179		90	13,510	179	96	14,857	195		14,857	195	
Mean, unweighted	2.3	4,649	167	96	13,212	186	89	13,682	179		89	13,682	179	96	14,955	196		14,955	196	
Standard deviation	1.0	1,148	32	9	3,861	45	11	2,524	24		11	2,524	24	7	4,216	33		4,216	33	
Number of SMSA's	70	70	70	41	41	41	41	41	41		41	41	41	23	23	23		23	23	
SMSA's with 150,000 - 299,999 population																				
Mean, weighted 6/	---	4,236	160	94	11,408	187	88	13,289	185		88	13,289	185	96	14,171	196		14,171	196	
Mean, unweighted	2.3	4,450	168	96	12,764	192	89	13,524	190		89	13,524	190	96	14,439	194		14,439	194	
Standard deviation	1.0	1,269	36	9	3,397	44	12	2,375	31		12	2,375	31	7	2,687	37		2,687	37	
Number of SMSA's	68	68	68	45	45	45	27	27	27		27	27	27	30	30	30		30	30	
SMSA's with less than 150,000 population																				
Mean, weighted 6/	---	4,236	160	94	11,408	187	88	13,289	185		88	13,289	185	96	14,171	196		14,171	196	
Mean, unweighted	2.3	4,450	168	96	12,764	192	89	13,524	190		89	13,524	190	96	14,439	194		14,439	194	
Standard deviation	1.0	1,269	36	9	3,397	44	12	2,375	31		12	2,375	31	7	2,687	37		2,687	37	
Number of SMSA's	68	68	68	45	45	45	27	27	27		27	27	27	30	30	30		30	30	

See footnotes at end of table.

Continued--

Table 30--Selling area and sales per square foot of selling area for all grocery stores and for supermarkets operated by all firms, and the four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

Item	All grocery stores										Supermarkets									
	All firms 1/					Four largest firms 2/					All firms 2/					Four largest firms 3/				
	Coverage : ratio : 4/	Selling : area per : store	Sales : per : sq. ft.	Coverage : ratio : 5/	Selling : area per : store	Sales : per : sq. ft.	Coverage : ratio : 5/	Selling : area per : store	Sales : per : sq. ft.		Coverage : ratio : 5/	Selling : area per : store	Sales : per : sq. ft.	Coverage : ratio : 5/	Selling : area per : store	Sales : per : sq. ft.	Coverage : ratio : 5/	Selling : area per : store	Sales : per : sq. ft.	
SMSA's in the Northeastern region																				
Mean, weighted 6/	--	4,981	182	93	13,881	192	82	14,160	200	Number	82	14,160	200	93	16,494	210	93	16,494	210	
Mean, unweighted	2.4	4,980	181	94	13,870	205	87	14,137	199		87	14,137	199	93	16,155	200	93	16,155	200	
Standard deviation	.8	1,123	33	9	2,721	47	10	1,865	27		10	1,865	27	13	3,285	43	13	3,285	43	
Number of SMSA's	54	54	54	39	39	39	36	36	36		36	36	36	17	17	17	17	17	17	
SMSA's in the North Central region																				
Mean, weighted 6/	--	5,140	181	90	13,976	207	87	13,564	199	Number	87	13,564	199	95	13,956	214	95	13,956	214	
Mean, unweighted	2.2	5,246	178	95	13,547	204	87	13,486	187		87	13,486	187	95	14,179	209	95	14,179	209	
Standard deviation	.9	1,203	27	9	4,525	41	11	2,030	23		11	2,030	23	8	2,507	28	8	2,507	28	
Number of SMSA's	65	65	65	39	39	39	37	37	37		37	37	37	29	29	29	29	29	29	
SMSA's in the Southern region																				
Mean, weighted 6/	--	4,096	160	93	12,842	181	89	13,755	180	Number	89	13,755	180	95	14,403	167	95	14,403	167	
Mean, unweighted	2.5	3,927	154	93	12,389	171	88	13,622	174		88	13,622	174	94	14,209	179	94	14,209	179	
Standard deviation	.9	657	27	10	3,059	32	10	2,082	26		10	2,082	26	10	2,961	27	10	2,961	27	
Number of SMSA's	88	88	88	51	51	51	53	53	53		53	53	53	23	23	23	23	23	23	
SMSA's in the Western region																				
Mean, weighted 6/	--	5,756	173	95	15,286	205	89	15,698	189	Number	89	15,698	189	97	15,424	222	97	15,424	222	
Mean, unweighted	2.2	5,530	164	96	15,711	180	91	15,650	177		91	15,650	177	96	15,868	184	96	15,868	184	
Standard deviation	.9	970	32	6	4,405	36	6	2,416	30		6	2,416	30	7	3,488	36	7	3,488	36	
Number of SMSA's	38	38	38	22	22	22	26	26	26		26	26	26	21	21	21	21	21	21	

See footnotes at end of table.

Continued--

Table 30--Selling area and sales per square foot of selling area for all grocery stores and for supermarkets operated by all firms, and the four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

Item	All grocery stores										Supermarkets									
	All firms 1/					Four largest firms 2/					All firms 2/					Four largest firms 3/				
	Coverage ratio 4/	Selling area per store	Sales per sq. ft.	Coverage ratio 5/	Selling area per store	Sales per sq. ft.	Coverage ratio 5/	Selling area per store	Sales per sq. ft.		Coverage ratio 5/	Selling area per store	Sales per sq. ft.	Coverage ratio 5/	Selling area per store	Sales per sq. ft.	Stores reporting	Selling area per store	Sales per sq. ft.	
SMSA's with 1972 four-firm concentration ratios of 60 percent and over																				
Mean, weighted 6/	--	4,739	183	91	13,320	203	90	14,211	208		90	14,211	208	96	14,890	197				
Mean, unweighted	1.9	4,891	180	95	12,724	204	93	14,188	198		93	14,188	198	97	14,957	199				
Standard deviation	.9	1,277	35	9	2,802	46	10	2,154	26		10	2,154	26	5	2,053	39				
Number of SMSA's	58	58	58	35	35	35	23	23	23	Number	23	23	23	18	18	18				
SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent																				
Mean, weighted 6/	--	4,754	176	93	14,071	194	88	14,113	195		88	14,113	195	95	15,196	201				
Mean, unweighted	2.4	4,720	168	95	13,887	191	87	14,214	187		87	14,214	187	94	15,171	191				
Standard deviation	.8	1,175	29	10	3,653	40	11	2,417	29		11	2,417	29	10	4,180	27				
Number of SMSA's	76	76	76	44	44	44	48	48	48	Number	48	48	48	28	28	27				
SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent																				
Mean, weighted 6/	--	4,793	170	93	13,896	192	87	14,310	187		87	14,310	187	96	14,815	208				
Mean, unweighted	2.5	4,633	164	94	13,642	184	88	13,849	179		88	13,849	179	95	15,072	195				
Standard deviation	.8	1,115	29	8	3,458	38	9	1,874	26		9	1,874	26	10	2,745	39				
Number of SMSA's	88	88	88	58	58	58	61	61	61	Number	61	61	61	34	34	33				
SMSA's with 1972 four-firm concentration ratios of less than 40 percent																				
Mean, weighted 6/	--	5,255	162	93	13,431	195	80	14,265	189		80	14,265	189	95	15,266	226				
Mean, unweighted	2.8	5,019	149	94	14,222	172	85	14,166	172		85	14,166	172	95	13,941	190				
Standard deviation	.8	1,062	23	10	6,518	41	8	2,695	25		8	2,695	25	11	2,428	38				
Number of SMSA's	23	23	23	14	14	14	20	20	20	Number	20	20	20	10	10	10				

See footnotes on following page.

Continued--

Table 30--Selling area and sales per square foot of selling area for all grocery stores and for supermarkets operated by all firms, and the four largest firms, SMSA summaries by population, region and four-firm concentration ratio, 1972--Continued

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-- = Not applicable.

1/ Excludes establishments without payroll.

2/ Data for establishments that reported selling area. Reporting rate may vary with firm and store size.

3/ Firm rank based on sales of supermarkets. Sales per square foot of selling area was estimated for an SMSA by dividing average sales per store for all stores by average selling area per store for stores that reported selling area. However, if the stores reporting selling area were the same as for the four largest grocery store firms, then sales per square foot of selling area for the four largest grocery store firms was used for the four largest supermarket firms.

4/ Sales of establishments reporting selling area as a percentage of total sales of all establishments where "1" denotes 90 percent or more; "2" denotes 80 percent to 89 percent; "3" denotes 70 percent to 79 percent; and "4" denotes 60 percent to 69 percent.

5/ Sales of establishments reporting selling area as a percent of total sales of all establishments.

6/ The mean for sales per square foot of selling area for the four largest supermarket firms was weighted using total grocery store sales in the SMSA. The other means were self-weighted.

Sources: Tables 12, 13, and 29 and appendix A.





TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SNSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/									
	\$4		\$2-		\$1-		\$500,000:		LESS		\$4		\$2-		\$1-		\$500,000:		LESS	
	MILLION :		\$3,999		\$1,999		: TO \$1 :		THAN		MILLION :		\$3,999		\$1,999		: TO \$1 :		THAN :	
	AND OVER:		MILLION :		MILLION :		MILLION :		MILLION :		AND OVER:		MILLION :		MILLION :		MILLION :		\$500,000 :STORES	
	PERCENT																			
NUMBER																				
</																				

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS* STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	\$4 MILLION					\$2- MILLION					\$1- MILLION					\$500,000: TO \$1						\$500,000: TO \$1					\$1- MILLION					\$500,000: TO \$1					\$1- MILLION					\$500,000: TO \$1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	AND OVER:					MILLION					MILLION					MILLION						MILLION					MILLION					MILLION					MILLION					MILLION					MILLION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
BINGHAMTON NY:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--









TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SEE FOOTNOTES AT END OF TABLE.

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TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

		DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL	
SMSA AND FIRM SIZE		\$4	\$2-	\$1-	\$1,999	\$1,999	\$1,999	\$1,999	\$1,999	\$1,999	\$1,999	\$1-	\$2-	\$3,999	\$3,999	\$3,999	\$3,999	\$3,999	\$3,999	\$3,999	\$3,999	LESS	NUMBER
		MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	MILLION	TO \$1	THAN
		AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER	AND OVER
		PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FT WAYNE IN:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		80.0	67.9	23.5	5.9	13.8	2.9	16.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5-8 LARGEST FIRMS:		20.0	14.3	17.6	29.4	1.0	7.1	65.5	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
ALL OTHER FIRMS:		0	17.9	58.8	64.7	98.1	0	3.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
FRESNO CA:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		40.0	58.3	23.3	0	1.0	7.7	53.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
5-8 LARGEST FIRMS:		20.0	20.8	0	0	0	16.7	83.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER FIRMS:		40.0	20.8	76.7	100.0	99.0	.5	1.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
GADSDEN AL:		0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		0	57.1	42.9	50.0	0	0	44.4	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
5-8 LARGEST FIRMS:		0	42.9	14.3	0	0	0	75.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
ALL OTHER FIRMS:		0	0	42.9	50.0	100.0	0	0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
GAINESVILLE FL:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5-8 LARGEST FIRMS:		0	0	50.0	0	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER FIRMS:		0	0	37.5	100.0	67.3	0	0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
GALVESTON-TEXAS C TX:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		100.0	66.7	47.4	9.1	0	5.9	35.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
5-8 LARGEST FIRMS:		0	33.3	0	0	11.5	0	13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER FIRMS:		0	0	52.6	90.9	88.5	0	0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
GARY-HAMMOND-EAST IN:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		30.0	48.4	30.0	19.0	.4	17.1	42.9	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
5-8 LARGEST FIRMS:		35.0	12.9	23.3	0	0	38.9	22.2	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
ALL OTHER FIRMS:		35.0	38.7	46.7	81.0	99.6	2.2	3.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
GRAND RAPIDS MI:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		81.3	57.1	21.4	0	0	5.9	5.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
5-8 LARGEST FIRMS:		18.8	21.4	0	0	0	50.0	50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER FIRMS:		0	21.4	78.6	100.0	100.0	0	1.3	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GREAT FALLS MT:		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		100.0	100.0	66.7	0	0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
5-8 LARGEST FIRMS:		0	0	33.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL OTHER FIRMS:		0	0	0	100.0	100.0	0	0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GREEN BAY WI:		0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4 LARGEST FIRMS:		0	88.9	68.4	18.2	0	0	34.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
5-8 LARGEST FIRMS:		0	11.1	10.5	27.3	2.0	0	14.3	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
ALL OTHER FIRMS:		0	0	21.1	54.5	98.0	0	0	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8

SEE FOOTNOTES AT END OF TABLE.

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TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER
	\$4 : MILLION : AND OVER :	\$2- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$4 : MILLION : AND OVER :	\$2- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	\$1- : MILLION :	
GREENSBORO-WINSTO NC:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	940
4 LARGEST FIRMS :	75.0	51.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	67
5-8 LARGEST FIRMS :	25.0	31.4	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	30
ALL OTHER FIRMS :	0	17.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	843
GREENVILLE-SPARTA SC:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	648
4 LARGEST FIRMS :	100.0	81.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	61
5-8 LARGEST FIRMS :	0	9.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	21
ALL OTHER FIRMS :	0	9.1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	566
HAMILTON-MIDDLETO OH:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	199
4 LARGEST FIRMS :	75.0	90.0	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	20
5-8 LARGEST FIRMS :	25.0	10.0	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	30
ALL OTHER FIRMS :	0	0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	149
HARRISBURG PA:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	364
4 LARGEST FIRMS :	66.7	80.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	40
5-8 LARGEST FIRMS :	33.3	3.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	32
ALL OTHER FIRMS :	0	15.4	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	292
HARTFORD CT:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	419
4 LARGEST FIRMS :	60.0	50.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	57
5-8 LARGEST FIRMS :	20.0	16.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	14
ALL OTHER FIRMS :	20.0	33.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	348
HONOLULU HI:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	314
4 LARGEST FIRMS :	83.3	69.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	37
5-8 LARGEST FIRMS :	11.1	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
ALL OTHER FIRMS :	5.6	21.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	271
HOUSTON TX:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2226
4 LARGEST FIRMS :	47.4	62.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	145
5-8 LARGEST FIRMS :	15.8	4.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	327
ALL OTHER FIRMS :	36.8	33.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	1754
HUNTINGTON-ASHLAN WV:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	385
4 LARGEST FIRMS :	100.0	28.6	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	15
5-8 LARGEST FIRMS :	0	21.4	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	9
ALL OTHER FIRMS :	0	50.0	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	361
HUNTSVILLE AL:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	404
4 LARGEST FIRMS :	100.0	81.3	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	29
5-8 LARGEST FIRMS :	0	12.5	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	32
ALL OTHER FIRMS :	0	6.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	343

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										NUMBER																																																																																																																																																																																																																																																																																																																																															
	\$4 : MILLION : \$3,999 : MILLION : \$1,999 : MILLION : \$500,000 : AND OVER :					LESS THAN \$1,999 : MILLION : \$3,999 : MILLION : \$500,000 : AND OVER :					LESS THAN \$1,999 : MILLION : \$3,999 : MILLION : \$500,000 : AND OVER :					LESS THAN \$1,999 : MILLION : \$3,999 : MILLION : \$500,000 : AND OVER :																																																																																																																																																																																																																																																																																																																																																				
	\$4 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION		LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION	LESS THAN \$1,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : TO \$1 : MILLION	\$1.999 : TO \$1 : MILLION

SEE FOOTNOTES AT END OF TABLE.

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TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										NUMBER
	\$4					\$1-					\$2-					\$3,999					
	MILLION : \$3,999	TO \$1	LESS : \$500,000	THAN : \$1,999	TO \$1	MILLION : \$3,999	TO \$1	LESS : \$500,000	THAN : \$1,999	TO \$1	MILLION : \$3,999	TO \$1	LESS : \$500,000	THAN : \$1,999	TO \$1	MILLION : \$3,999	TO \$1	LESS : \$500,000	THAN : \$1,999	TO \$1	TO \$1
	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000	AND OVER: MILLION : \$500,000
	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
LANSING-EAST LANS MI:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	261
4 LARGEST FIRMS:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	18
5-8 LARGEST FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222
LAREDO TX:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	115
4 LARGEST FIRMS:	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	11
5-8 LARGEST FIRMS:	33.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99
LAS VEGAS NV:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	166
4 LARGEST FIRMS:	82.4	25.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	21
5-8 LARGEST FIRMS:	11.8	58.3	12.5	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	46
ALL OTHER FIRMS:	5.9	16.7	37.5	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99
LAURENCE-HAVERHIL MA:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	179
4 LARGEST FIRMS:	88.9	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	19
5-8 LARGEST FIRMS:	11.1	30.0	20.0	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	8
ALL OTHER FIRMS:	0	30.0	40.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	152
LAWTON OK:	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83
4 LARGEST FIRMS:	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
5-8 LARGEST FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
LEWISTON-AUBURN ME:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	91
4 LARGEST FIRMS:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	9
5-8 LARGEST FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79
LEXINGTON KY:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	255
4 LARGEST FIRMS:	100.0	76.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	33
5-8 LARGEST FIRMS:	0	23.1	11.1	11.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	6
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	216
LIMA OH:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170
4 LARGEST FIRMS:	100.0	88.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	21
5-8 LARGEST FIRMS:	0	11.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	8
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
LINCOLN NE:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66
4 LARGEST FIRMS:	100.0	55.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	15
5-8 LARGEST FIRMS:	0	44.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
ALL OTHER FIRMS:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS* STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES
	\$4 MILLION :	\$2- \$3.999 MILLION :	\$1- \$1.999 MILLION :	\$500,000: TO \$1 MILLION :	LESS THAN \$1 MILLION :	\$4 MILLION :	\$2- \$3.999 MILLION :	\$1- \$1.999 MILLION :	\$500,000: TO \$1 MILLION :	LESS THAN \$1 MILLION :	\$4 MILLION :	\$2- \$3.999 MILLION :	\$1- \$1.999 MILLION :	\$500,000: TO \$1 MILLION :	LESS THAN \$1 MILLION :	\$4 MILLION :	\$2- \$3.999 MILLION :	\$1- \$1.999 MILLION :	\$500,000: TO \$1 MILLION :	LESS THAN \$1 MILLION :	
MADISON	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	165
4 LARGEST FIRMS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	30
5-8 LARGEST FIRMS	0	60.0	0	0	13.9	0	20.0	30.0	0	0	0	0	0	0	0	0	0	0	0	0	8
ALL OTHER FIRMS	0	40.0	7.1	0	.9	0	0	75.0	0	0	0	0	12.5	17.3	72.4	0	0	0	0	0	127
MANCHESTER	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	135
4 LARGEST FIRMS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	8
5-8 LARGEST FIRMS	0	25.0	33.3	0	0	0	37.5	25.0	0	0	0	0	0	0	0	0	0	0	0	0	4
ALL OTHER FIRMS	0	50.0	0	0	0	0	0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	123
MANSFIELD	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	78
4 LARGEST FIRMS	0	71.4	0	0	0	0	0	9.0	0	0	0	0	0	0	0	0	0	0	0	0	5
5-8 LARGEST FIRMS	0	28.6	66.7	0	0	0	0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	6
ALL OTHER FIRMS	0	0	33.3	100.0	100.0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
MCALLEN-PHARR-EDI TX	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	302
4 LARGEST FIRMS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	16
5-8 LARGEST FIRMS	0	0	63.6	16.7	1.5	0	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	4
ALL OTHER FIRMS	0	100.0	9.1	11.1	0	0	0	25.0	0	0	0	0	0	0	0	0	0	0	0	0	282
MELBOURNE-TITUSVI FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	186
4 LARGEST FIRMS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	40
5-8 LARGEST FIRMS	0	0	15.4	12.5	43.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64
ALL OTHER FIRMS	0	0	0	50.0	55.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82
MEMPHIS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	932
4 LARGEST FIRMS	87.5	51.6	18.9	2.6	7.1	0	7.7	17.6	11.0	0	0	0	0	0	0	0	0	0	0	0	91
5-8 LARGEST FIRMS	12.5	25.8	24.5	5.3	.1	0	4.0	32.0	52.0	0	0	0	0	0	0	0	0	0	0	0	25
ALL OTHER FIRMS	0	22.6	56.6	92.1	92.8	0	0	.9	3.7	0	0	0	0	0	0	0	0	0	0	0	816
MERIDEN	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	43
4 LARGEST FIRMS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	5
5-8 LARGEST FIRMS	0	66.7	0	33.3	0	0	40.0	40.0	0	0	0	0	0	0	0	0	0	0	0	0	7
ALL OTHER FIRMS	0	33.3	0	66.7	11.4	0	0	14.3	0	0	0	0	0	0	0	0	0	0	0	0	31
MIAMI	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1076
4 LARGEST FIRMS	87.9	86.6	63.2	4.1	.1	0	19.0	54.9	23.5	0	0	0	0	0	0	0	0	0	0	0	153
5-8 LARGEST FIRMS	0	4.1	12.3	14.9	18.8	0	0	2.3	4.0	0	0	0	0	0	0	0	0	0	0	0	175
ALL OTHER FIRMS	12.1	9.3	24.6	81.1	81.1	.5	.5	1.2	1.9	0	0	0	0	0	0	0	0	0	0	0	748
MIDLAND	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	64
4 LARGEST FIRMS	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	9
5-8 LARGEST FIRMS	0	0	83.3	25.0	1.9	0	11.1	11.1	55.6	0	0	0	0	0	0	0	0	0	0	0	13
ALL OTHER FIRMS	0	0	16.7	50.0	19.2	0	0	0	7.7	0	0	0	0	0	0	0	0	0	0	0	42

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--







TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/					DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER
	\$4 MILLION : \$3,999 : \$1,999 : \$500,000 : TO \$1 : AND OVER: MILLION : MILLION															

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES
	\$4 MILLION : \$3,999 : AND OVER	\$2- MILLION : \$1,999 : AND OVER	\$1- MILLION : \$500,000 : AND OVER	\$500,000 : \$1,999 : AND OVER	LESS THAN \$1,999 : \$500,000 : AND OVER	\$4 MILLION : \$3,999 : AND OVER	\$2- MILLION : \$1,999 : AND OVER	\$1- MILLION : \$500,000 : AND OVER	LESS THAN \$1,999 : \$500,000 : AND OVER	\$500,000 : \$1,999 : AND OVER	\$4 MILLION : \$3,999 : AND OVER	\$2- MILLION : \$1,999 : AND OVER	\$1- MILLION : \$500,000 : AND OVER	LESS THAN \$1,999 : \$500,000 : AND OVER	\$500,000 : \$1,999 : AND OVER	\$4 MILLION : \$3,999 : AND OVER	\$2- MILLION : \$1,999 : AND OVER	\$1- MILLION : \$500,000 : AND OVER	LESS THAN \$1,999 : \$500,000 : AND OVER	\$500,000 : \$1,999 : AND OVER	
PINE BLUFF AR	0	100.0	100.0	100.0	100.0	0	3.6	5.1	5.1	86.2	138										
4 LARGEST FIRMS	0	80.0	71.4	42.9	0	0	33.3	41.7	25.0	0	12										
5-8 LARGEST FIRMS	0	20.0	28.6	0	0	0	33.3	66.7	0	0	3										
ALL OTHER FIRMS	0	0	0	57.1	100.0	0	0	0	3.3	96.7	123										
PITTSBURGH PA	100.0	100.0	100.0	100.0	100.0	1.0	6.8	9.2	6.4	76.5	1845										
4 LARGEST FIRMS	31.6	57.9	64.1	27.1	.1	2.7	33.0	49.3	14.5	.5	221										
5-8 LARGEST FIRMS	10.5	7.1	5.3	0	0	10.0	45.0	45.0	0	0	20										
ALL OTHER FIRMS	57.9	34.9	30.6	72.9	99.9	.7	2.7	3.2	5.4	88.0	1604										
PITTSFIELD MA	100.0	100.0	100.0	100.0	100.0	3.3	6.7	8.3	8.3	73.3	60										
4 LARGEST FIRMS	100.0	0	80.0	0	0	33.3	0	66.7	0	0	6										
5-8 LARGEST FIRMS	0	100.0	0	20.0	0	0	80.0	0	20.0	0	5										
ALL OTHER FIRMS	0	0	20.0	80.0	100.0	0	0	2.0	8.2	89.8	49										
PORTLAND ME	100.0	100.0	100.0	100.0	100.0	3.3	4.2	4.7	4.2	83.5	212										
4 LARGEST FIRMS	100.0	66.7	10.0	22.2	0	43.8	37.5	6.3	12.5	0	16										
5-8 LARGEST FIRMS	0	22.2	10.0	22.2	0	0	40.0	20.0	40.0	0	5										
ALL OTHER FIRMS	0	11.1	80.0	55.6	100.0	0	.5	4.2	2.6	92.7	191										
PORTLAND OR	100.0	100.0	100.0	100.0	100.0	2.8	8.3	10.7	4.7	73.5	763										
4 LARGEST FIRMS	90.5	57.1	39.0	11.1	.4	20.4	38.7	34.4	4.3	2.2	93										
5-8 LARGEST FIRMS	9.5	12.7	12.2	5.6	.4	8.3	33.3	41.7	8.3	8.3	24										
ALL OTHER FIRMS	0	30.2	48.8	83.3	99.3	0	2.9	6.2	4.6	86.2	646										
POUGHKEEPSIE NY	100.0	100.0	100.0	100.0	100.0	4.5	10.2	10.2	5.1	70.1	157										
4 LARGEST FIRMS	85.7	87.5	75.0	37.5	3.6	15.4	35.9	30.8	7.7	10.3	39										
5-8 LARGEST FIRMS	14.3	12.5	12.5	0	0	20.0	40.0	40.0	0	0	5										
ALL OTHER FIRMS	0	0	12.5	62.5	96.4	0	0	1.8	4.4	93.8	113										
PROVIDENCE-WARWICK RI	100.0	100.0	100.0	100.0	100.0	3.8	7.8	5.4	3.8	79.0	625										
4 LARGEST FIRMS	87.5	71.4	29.4	4.2	0	31.3	52.2	14.9	1.5	0	67										
5-8 LARGEST FIRMS	12.5	24.5	35.3	29.2	0	8.8	35.3	35.3	20.6	0	34										
ALL OTHER FIRMS	0	4.1	35.3	66.7	100.0	0	.4	2.3	3.1	94.3	524										
PROVO-OREM UT	100.0	100.0	100.0	100.0	100.0	3.0	9.0	11.9	9.0	67.2	67										
4 LARGEST FIRMS	50.0	83.3	37.5	50.0	0	8.3	41.7	25.0	25.0	0	12										
5-8 LARGEST FIRMS	50.0	16.7	25.0	0	0	25.0	25.0	50.0	0	0	4										
ALL OTHER FIRMS	0	0	37.5	50.0	100.0	0	0	5.9	5.9	88.2	51										
PUEBLC CO	100.0	100.0	100.0	100.0	100.0	3.0	4.0	7.0	4.0	82.0	100										
4 LARGEST FIRMS	100.0	100.0	71.4	25.0	0	23.1	30.8	38.5	7.7	0	13										
5-8 LARGEST FIRMS	0	0	28.6	0	40.2	0	0	5.7	0	94.3	35										
ALL OTHER FIRMS	0	0	0	75.0	59.8	0	0	0	5.8	94.2	52										

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES
	\$4 MILLION AND OVER	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$1- \$1.999 MILLION	\$500,000 TO \$1 MILLION	LESS THAN \$500,000	\$4 MILLION	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000 TO \$1 MILLION	LESS THAN \$500,000	\$4 MILLION	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000 TO \$1 MILLION	LESS THAN \$500,000	\$4 MILLION	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000 TO \$1 MILLION	LESS THAN \$500,000
ROCHESTER NY:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	682
4 LARGEST FIRMS:	86.4	74.6	41.0	19.6	0	0.2	19.2	44.4	25.3	10.1	7.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	99
5-8 LARGEST FIRMS:	9.1	10.2	9.8	2.0	0	0	13.3	40.0	40.0	6.7	10.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	15
ALL OTHER FIRMS:	4.5	15.3	49.2	78.4	86.7	99.8	0.2	1.6	5.3	7.0	85.9	0	0	0	0	0	0	0	0	0	568
ROCKFORD IL:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	140
4 LARGEST FIRMS:	100.0	57.9	13.3	0	0	2.3	25.0	55.0	10.0	0	10.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	140
5-8 LARGEST FIRMS:	0	26.3	20.0	13.3	0	0	0	50.0	30.0	0	20.0	0	0	0	0	0	0	0	0	0	20
ALL OTHER FIRMS:	0	15.8	66.7	86.7	86.7	97.7	0	2.7	9.1	11.8	76.4	0	0	0	0	0	0	0	0	0	110
SACRAMENTO CA:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	546
4 LARGEST FIRMS:	81.8	61.4	13.7	0	0	0.3	29.5	57.4	11.5	6.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	61
5-8 LARGEST FIRMS:	18.2	26.3	19.6	9.1	0	0	12.5	46.9	31.3	9.4	0	0	0	0	0	0	0	0	0	0	61
ALL OTHER FIRMS:	0	12.3	66.7	90.9	86.7	99.7	0	1.5	7.5	6.6	84.3	0	0	0	0	0	0	0	0	0	453
SAGINAW MI:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	162
4 LARGEST FIRMS:	100.0	76.9	33.3	0	0	0	26.3	52.6	21.1	0	6.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	19
5-8 LARGEST FIRMS:	0	23.1	8.3	0	0	0	0	75.0	25.0	0	0	0	0	0	0	0	0	0	0	0	4
ALL OTHER FIRMS:	0	0	58.3	100.0	100.0	100.0	0	0	5.0	7.2	87.8	0	0	0	0	0	0	0	0	0	139
ST CLOUD MN:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90
4 LARGEST FIRMS:	100.0	50.0	33.3	9.1	0	0	14.3	42.9	28.6	14.3	12.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	7
5-8 LARGEST FIRMS:	0	50.0	16.7	9.1	0	0	0	60.0	20.0	20.0	20.0	0	0	0	0	0	0	0	0	0	5
ALL OTHER FIRMS:	0	0	50.0	81.8	100.0	100.0	0	0	3.8	11.5	84.6	0	0	0	0	0	0	0	0	0	78
ST JOSEPH MO:	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	72
4 LARGEST FIRMS:	0	55.6	80.0	0	0	0	0	38.5	61.5	0	4.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	13
5-8 LARGEST FIRMS:	0	44.4	0	0	0	0	0	100.0	0	0	0	0	0	0	0	0	0	0	0	0	4
ALL OTHER FIRMS:	0	0	20.0	100.0	100.0	100.0	0	0	3.6	5.5	90.9	0	0	0	0	0	0	0	0	0	55
ST LOUIS MO:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1461
4 LARGEST FIRMS:	67.3	66.4	36.2	8.4	0	0.1	19.4	46.1	28.3	5.6	8.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	180
5-8 LARGEST FIRMS:	9.6	4.0	6.4	3.4	0	0	21.7	21.7	39.1	17.4	0	0	0	0	0	0	0	0	0	0	23
ALL OTHER FIRMS:	23.1	29.6	57.4	88.2	99.9	99.9	1.0	2.9	6.4	8.3	81.3	0	0	0	0	0	0	0	0	0	1258
SALEM OR:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	154
4 LARGEST FIRMS:	100.0	22.2	45.0	33.3	0	0	22.2	11.1	50.0	16.7	5.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	18
5-8 LARGEST FIRMS:	0	55.6	5.0	0	0	0	0	83.3	16.7	0	0	0	0	0	0	0	0	0	0	0	6
ALL OTHER FIRMS:	0	22.2	50.0	66.7	100.0	100.0	0	1.5	7.7	4.6	86.2	0	0	0	0	0	0	0	0	0	130
SALINAS-SEASIDE-M CA:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	156
4 LARGEST FIRMS:	100.0	66.7	18.2	0	0	0	28.6	57.1	14.3	9.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	14
5-8 LARGEST FIRMS:	0	16.7	45.5	7.1	0	0	0	25.0	62.5	12.5	0	0	0	0	0	0	0	0	0	0	8
ALL OTHER FIRMS:	0	16.7	36.4	92.9	100.0	100.0	0	1.5	3.0	9.7	85.8	0	0	0	0	0	0	0	0	0	134

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--





TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS* STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES
	\$4 : \$2- : \$1- : \$500,000 : LESS THAN : \$500,000 : \$1- : \$2- : \$4 : \$1- : \$500,000 : LESS THAN : \$1- : \$2- : \$4 : \$1- :																				

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--









TABLE 31--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, BY SMSA, 1972 1/--CONTINUED

SMSA AND FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES
	\$4 MILLION AND OVER	\$2- \$3.999	\$1- \$1.999	\$500,000: TO \$1	LESS THAN \$1	\$4 MILLION AND OVER	\$2- \$3.999	\$1- \$1.999	\$500,000: TO \$1	LESS THAN \$1	\$4 MILLION AND OVER	\$2- \$3.999	\$1- \$1.999	\$500,000: TO \$1	LESS THAN \$1						
YORK	100.0	100.0	100.0	100.0	100.0	1.9	5.6	7.1	6.0	79.4	267										
4 LARGEST FIRMS	80.0	80.0	10.5	12.5	.5	19.0	57.1	9.5	9.5	4.8	21										
5-8 LARGEST FIRMS	20.0	13.3	31.6	12.5	0	9.1	18.2	54.5	18.2	0	11										
ALL OTHER FIRMS	0	6.7	57.9	75.0	99.5	0	.4	4.7	5.1	89.8	235										
YOUNGSTOWN-WARREN OH	100.0	100.0	100.0	100.0	100.0	1.9	4.9	9.3	9.1	74.8	429										
4 LARGEST FIRMS	62.5	57.1	10.0	2.6	.3	21.7	52.2	17.4	4.3	4.3	23										
5-8 LARGEST FIRMS	12.5	9.5	30.0	25.6	14.0	1.4	2.9	17.1	14.3	64.3	70										
ALL OTHER FIRMS	25.0	33.3	60.0	71.8	85.7	.6	2.1	7.1	8.3	81.8	336										
ALL SMSA'S	100.0	100.0	100.0	100.0	100.0	2.8	7.2	7.4	5.8	76.8	430										
4 LARGEST FIRMS	72.7	63.4	43.6	14.3	1.2	17.6	39.2	28.0	7.2	8.0	50										
5-8 LARGEST FIRMS	14.4	16.8	15.4	7.9	5.8	5.2	15.6	14.9	6.0	58.3	33										
ALL OTHER FIRMS	12.9	19.8	41.0	77.7	93.0	.4	1.8	3.8	5.6	88.4	347										
ALL SMSA'S	239	263	262	262	263	239	263	262	262	263	263										
4 LARGEST FIRMS	236	261	253	182	131	236	261	253	182	131	263										
5-8 LARGEST FIRMS	123	228	222	155	141	123	228	222	155	141	263										
ALL OTHER FIRMS	61	146	225	256	263	61	146	225	256	263	263										

1/ ANNUALIZED SALES WERE USED FOR STORES IN BUSINESS ONLY PART OF THE YEAR. DATA MAY NOT ADD TO TOTALS DUE TO ROUNDING.  
 2/ NUMBER OF STORES OF SPECIFIED FIRMS IN A STORE SIZE CATEGORY AS A PERCENTAGE OF ALL STORES IN THE SIZE CATEGORY.  
 3/ NUMBER OF STORES OF SPECIFIED FIRMS IN A STORE SIZE CATEGORY AS A PERCENTAGE OF ALL STORES OF THE SPECIFIED FIRMS.

SOURCE: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.





TABLE 32--DISTRIBUTION OF GROCERY STORES BY SALES SIZE OF FIRM AND STORE, SMSA SUMMARIES BY POPULATION, REGION AND FOUR-FIRM CONCENTRATION RATIO, 1972 1/--CONTINUED

FIRM SIZE	DISTRIBUTION OF STORES BY SIZE OF FIRM 2/										DISTRIBUTION OF FIRMS' STORES BY SIZE OF STORE 3/										TOTAL NUMBER OF STORES
	\$4 : MILLION : AND OVER:	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : \$10 \$1 : MILLION	LESS : THAN : \$500,000 : \$10 \$1 : MILLION	\$4 : \$3,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : \$10 \$1 : MILLION	LESS : THAN : \$500,000 : \$10 \$1 : MILLION	\$4 : \$3,999 : MILLION	\$2- : \$3,999 : MILLION	\$1- : \$1,999 : MILLION	\$500,000 : \$10 \$1 : MILLION	LESS : THAN : \$500,000 : \$10 \$1 : MILLION						
SMSA'S WITH LESS THAN 150,000 POPULATION																					
ALL SMSA'S	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
4 LARGEST FIRMS	95.1	74.2	51.3	21.1	2.1	1.7	5.7	7.0	28.9	10.0	5.9	79.7	13.7	13.7	13.7						
5-8 LARGEST FIRMS	4.9	23.1	27.3	12.7	6.8	.9	14.0	20.2	7.9	5.0	92.9	84	84	84	84						
ALL OTHER FIRMS	0	2.7	21.4	66.1	91.1	0	.2	1.9	5.0	5.0	92.9	84	84	84	84						
SMSA'S IN THE NORTHEASTERN REGION																					
ALL SMSA'S	58	77	76	76	77	58	77	76	76	77	77	77	77	77	77						
4 LARGEST FIRMS	58	76	69	45	21	58	76	69	45	21	69	77	77	77	77						
5-8 LARGEST FIRMS	6	53	64	37	36	6	53	64	37	36	64	77	77	77	77						
ALL OTHER FIRMS	0	10	44	70	77	0	10	44	70	70	77	77	77	77	77						
SMSA'S IN THE NORTH CENTRAL REGION																					
ALL SMSA'S	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
4 LARGEST FIRMS	64.5	55.7	43.5	20.2	.6	2.8	6.4	7.1	31.0	10.8	5.4	78.3	4.4	4.4	4.4						
5-8 LARGEST FIRMS	14.8	19.1	18.4	7.9	1.8	8.8	25.6	27.6	8.9	4.5	89.7	478	478	478	478						
ALL OTHER FIRMS	20.7	25.1	38.1	71.9	97.7	.7	1.9	3.2	4.5	4.5	89.7	478	478	478	478						
SMSA'S IN THE SOUTH ATLANTIC REGION																					
ALL SMSA'S	54	56	55	55	56	54	56	55	55	55	56	56	56	56	56						
4 LARGEST FIRMS	54	55	52	45	31	54	55	52	45	45	31	56	56	56	56						
5-8 LARGEST FIRMS	33	53	42	31	22	33	53	42	31	31	22	56	56	56	56						
ALL OTHER FIRMS	20	37	49	54	56	20	37	49	54	54	56	56	56	56	56						
SMSA'S IN THE WESTERN REGION																					
ALL SMSA'S	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
4 LARGEST FIRMS	75.6	63.7	39.9	12.2	1.9	3.6	8.3	8.9	25.5	6.8	7.8	71.4	9.5	9.5	9.5						
5-8 LARGEST FIRMS	13.3	17.1	16.4	9.3	3.6	7.2	21.4	21.7	10.8	7.7	84.9	278	278	278	278						
ALL OTHER FIRMS	11.0	19.2	43.7	78.5	94.5	.5	2.0	4.9	7.7	7.7	84.9	278	278	278	278						
SMSA'S IN THE PACIFIC REGION																					
ALL SMSA'S	62	69	69	69	69	62	69	69	69	69	69	69	69	69	69						
4 LARGEST FIRMS	60	69	66	40	35	60	69	66	40	40	35	69	69	69	69						
5-8 LARGEST FIRMS	32	62	59	47	29	32	62	59	47	47	29	69	69	69	69						
ALL OTHER FIRMS	13	33	59	66	69	13	33	59	66	66	69	69	69	69	69						

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--







TABLE 33--GEOGRAPHIC DIVERSIFICATION OF GROCERY STORE FIRMS IN SMSA'S, 1972 1/--CONTINUED

SMSA	FIRMS OPERATING--										FIRMS WITH GROCERY STORES IN FOLLOWING OTHER SMSA'S 2/										
	FIRMS IN					GROCERY STORES IN SMSA					GROCERY STORES IN UNITED STATES					STORES IN FOLLOWING OTHER SMSA'S 2/					
	1	2-4	5-10	25	50:MORE	1	2-4	5-10	25	50:MORE	1	2-4	5-10	25	50:MORE	1	2	3	4	5	6
BRYAN-COLLEGE STA TX:	81	67	3	0	0	0	0	0	0	0	60	2	0	2	2	5	1	0	3	4	
BUFFALO NY:	911	814	10	1	4	2	0	0	0	0	812	12	0	1	1	5	1	2	0	2	3
BURLINGTON NC:	144	123	9	2	0	0	0	0	0	0	120	3	0	2	1	8	3	1	0	7	7
CANTON OH:	196	158	8	4	0	1	0	0	0	0	154	8	4	2	0	5	0	4	1	0	5
CEDAR RAPIDS IA:	62	50	3	3	0	0	0	0	0	0	48	1	2	1	0	4	0	1	2	1	2
CHAMPAIGN-URBANA-IL:	44	36	4	1	0	0	0	0	0	0	34	1	2	0	0	4	2	0	0	4	4
CHARLESTON SC:	431	377	6	5	1	1	0	0	0	0	374	6	4	0	0	7	1	1	0	1	6
CHARLESTON WV:	306	264	4	3	1	0	0	0	0	0	262	4	2	0	0	4	1	0	1	0	3
CHARLOTTE-GASTONI NC:	563	481	11	2	3	3	0	0	0	0	477	10	0	2	3	8	2	0	4	1	7
CHATTANOOGA TN:	440	363	6	5	3	0	0	0	0	0	360	5	3	2	1	7	3	0	2	1	5
CHICAGO IL:	3,695	3,210	40	3	2	2	4	4	4	4	3,206	41	2	1	2	9	4	1	2	1	7
CINCINNATI OH:	1,079	931	13	3	4	0	2	4	2	2	927	11	3	1	2	9	3	2	1	2	7
CLEVELAND OH:	1,024	1,024	17	4	1	1	0	4	1	1	1,016	21	4	2	1	9	7	2	0	1	8
COLORADO SPRINGS CO:	59	44	8	2	0	1	0	0	0	0	43	3	1	1	1	6	2	0	0	1	6
COLUMBIA MO:	46	37	3	0	0	0	0	0	0	0	29	3	2	0	1	5	0	0	1	0	5
COLUMBIA SC:	399	343	6	3	2	1	0	0	0	0	341	4	1	1	1	7	0	1	1	1	6
COLUMBUS GA:	303	255	11	2	3	0	0	0	0	0	253	7	0	2	0	9	0	1	2	2	6
COLUMBUS OH:	528	446	10	2	4	1	1	1	1	1	441	9	3	1	0	10	2	2	0	2	8
CORPUS CHRISTI TX:	264	211	13	2	1	1	0	0	0	0	210	9	4	1	1	3	2	1	1	1	2
DALLAS-FT WORTH TX:	1,577	1,259	57	10	4	6	5	5	5	5	1,250	61	10	6	4	10	5	1	1	3	8
DANBURY CT:	74	66	6	0	0	0	0	0	0	0	61	2	0	0	1	8	0	0	2	0	7
DAVENPORT-ROCK IS IA:	158	134	4	3	1	0	0	0	0	0	133	2	1	1	0	5	0	1	0	5	5
DAYTON OH:	415	340	11	6	3	2	0	0	0	0	333	11	4	0	1	13	5	2	1	3	9
DAYTONA BEACH FL:	151	108	8	5	2	1	0	0	0	0	107	9	0	1	0	8	3	0	0	0	8
DECATUR IL:	38	25	6	0	0	0	0	0	0	0	23	5	0	0	0	3	1	0	0	3	3
DENVER-Boulder CO:	327	278	11	2	0	3	2	2	2	2	276	11	1	0	2	7	1	0	0	2	7
DES MOINES IA:	148	127	4	3	0	0	0	0	0	0	124	2	2	0	2	4	1	1	0	3	3
DETROIT MI:	2,573	2,260	34	1	1	4	5	5	5	5	2,257	33	2	2	5	7	4	5	0	1	6
DUBUQUE IA:	46	38	3	0	1	0	0	0	0	0	35	1	0	2	0	4	1	0	0	1	3
DULUTH-SUPERIOR MN:	226	196	6	2	0	0	0	0	0	0	196	5	1	0	0	3	0	0	0	2	1
EL PASO TX:	232	200	7	1	6	1	0	0	0	0	198	8	0	3	0	6	1	0	0	1	5
ELMIRA NY:	83	66	6	1	0	0	0	0	0	0	64	0	0	1	0	8	0	0	0	4	4
ERIE PA:	180	154	10	2	2	0	0	0	0	0	154	4	1	2	1	6	1	1	0	2	4
EUGENE-SPRINGFIELD OR:	198	160	11	1	1	0	0	0	0	0	154	10	2	2	0	5	3	2	0	1	4
EVANSVILLE IN:	212	185	5	3	0	0	0	0	0	0	180	5	2	0	0	6	2	0	0	1	5
FALL RIVER MA:	100	82	8	1	0	0	0	0	0	0	80	3	0	1	2	5	0	0	4	0	4

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--





TABLE 33--GEOGRAPHIC DIVERSIFICATION OF GROCERY STORE FIRMS IN SMSA'S, 1972 1/--CONTINUED

SMSA		FIRMS OPERATING--										FIRMS WITH GROCERY STORES IN FOLLOWING OTHER SMSA'S 2/														
		GROCERY STORES IN SMSA					GROCERY STORES IN UNITED STATES					GROCERY STORES IN UNITED STATES					OTHER SMSA'S 2/									
FIRMS IN	SMSA	1	2-4	5-10	25	50	MORE	1	2-4	5-10	25	50	MORE	1	2-4	5-10	25	50	MORE	1	2-4	5-10	25	50	MORE	
NUMBER OF FIRMS																										
KILLEEN-TEMPLE TX:	154	136	2	4	1	0	0	129	3	2	2	2	6	3	0	2	2	5	3	0	2	2	5	3	0	3
KINGSPORT-BRISTOL TN:	443	381	11	3	0	0	0	376	8	4	3	1	3	3	0	0	0	0	3	3	0	0	0	3	3	0
KNOXVILLE TN:	439	376	8	6	3	0	0	370	10	4	4	1	4	5	0	0	0	4	5	0	0	0	0	4	5	0
LA CROSSE WI:	56	48	4	0	0	0	0	44	2	2	1	0	3	1	0	1	0	3	1	0	1	0	0	3	1	0
LAFAYETTE LA:	172	143	8	2	0	0	0	140	4	2	0	0	7	0	0	0	1	6	0	0	0	1	6	0	0	
LAFAYETTE-WEST LA IN:	36	25	7	0	0	0	0	24	1	1	0	1	5	0	1	0	2	4	0	1	0	2	4	4	0	
LAKE CHARLES LA:	160	139	6	1	2	0	0	137	3	2	1	0	5	0	0	0	1	4	0	0	0	1	4	4	0	
LAKELAND-WINTER H FL:	211	159	8	8	2	1	0	158	7	3	1	1	9	5	3	0	0	7	5	3	0	0	7	7	7	
LANCASTER PA:	240	206	7	3	2	0	0	204	7	1	0	2	4	2	2	2	1	3	2	2	2	1	3	3	0	
LANSING-EAST LANS MI:	231	198	8	7	0	0	0	194	8	3	3	2	3	3	2	1	2	3	3	2	1	2	3	3	0	
LAREDO TX:	110	97	4	1	0	0	0	96	1	2	1	0	2	1	1	0	1	1	1	1	0	1	1	1	1	
LAS VEGAS NV:	96	78	8	0	2	1	0	78	3	0	0	0	8	0	0	0	1	7	0	0	0	1	7	7	7	
LAWRENCE-HAVERHIL MA:	175	148	3	4	0	0	0	145	3	1	1	0	5	1	0	2	1	4	1	0	2	1	4	4	4	
LAWTON OK:	60	49	8	0	1	0	0	48	5	0	0	1	4	1	0	1	0	3	1	0	1	0	3	3	3	
LEWISTON-AUBURN ME:	93	84	1	1	0	0	0	80	1	1	1	0	3	1	1	0	2	2	1	1	0	2	2	2	2	
LEXINGTON KY:	269	213	4	3	1	0	0	209	7	1	0	1	3	2	0	0	1	3	2	0	0	1	3	3	3	
LIMA OH:	156	133	5	4	0	0	0	131	5	1	0	0	5	0	0	0	2	3	0	0	0	2	3	3	3	
LINCOLN NE:	61	49	4	1	0	0	0	47	2	0	1	1	3	1	0	1	1	2	1	0	1	1	2	2	2	
LITTLE ROCK-NORTH AR:	286	242	1	2	3	0	0	239	2	1	0	0	6	0	1	0	1	5	0	1	0	1	5	5	5	
LONG BRANCH-ASBUR NJ:	226	175	6	5	3	0	0	173	4	0	1	1	10	0	0	2	0	10	0	0	2	0	10	10	10	
LORAIN-ELYRIA OH:	127	105	6	2	0	1	0	103	3	1	2	0	5	3	1	1	0	5	3	1	1	0	5	5	5	
LOS ANGELES-LONG CA:	2,527	2,147	53	12	7	6	7	2,141	52	11	9	3	17	18	4	6	2	12	18	4	6	2	12	12	12	
LOUISVILLE KY:	570	468	14	2	3	1	0	462	15	2	2	2	6	5	0	1	2	5	5	0	1	2	5	5	5	
LOWELL MA:	101	88	1	2	1	0	0	83	0	2	1	0	6	0	1	2	1	5	0	1	2	1	5	5	5	
LUBBOCK TX:	120	93	4	3	2	0	0	92	2	1	2	0	5	0	1	0	2	4	0	1	0	2	4	4	4	
LYNCHBURG VA:	191	159	7	2	0	0	0	156	6	1	0	0	6	0	1	0	0	6	0	1	0	0	6	6	6	
MACON GA:	249	199	10	7	1	0	0	197	9	0	2	1	8	3	2	1	0	7	3	2	1	0	7	7	7	
MADISON WI:	136	113	11	1	1	0	0	109	5	2	2	3	5	4	0	7	0	4	4	0	7	0	4	4	4	
MANCHESTER NH:	141	124	2	1	0	0	0	117	0	1	2	0	7	0	0	2	1	6	0	0	2	1	6	6	6	
MANSFIELD OH:	73	54	5	2	0	0	0	51	3	2	1	0	6	0	3	0	1	5	0	3	0	1	5	5	5	
MCCALLEN-PHARR-EDI TX:	297	272	3	4	0	0	0	269	4	3	0	0	3	2	0	0	1	2	2	0	0	1	2	2	2	
MELBOURNE-TITUSVI FL:	93	67	3	3	3	1	0	66	3	1	0	0	8	1	0	2	0	7	1	0	2	0	7	7	7	
MEMPHIS TN:	851	730	15	4	5	0	1	728	16	4	1	0	6	2	1	0	1	5	2	1	0	1	5	5	5	
MERIDEN CT:	44	37	2	0	0	0	0	31	2	0	1	0	5	0	0	1	0	5	0	0	1	0	5	5	5	
MIAMI FL:	809	700	13	1	3	3	2	699	9	3	1	0	10	1	0	1	1	10	1	0	1	1	10	10	10	
MIDLAND TX:	55	43	4	1	0	0	0	41	2	0	2	0	4	0	0	1	2	3	0	0	1	2	3	3	3	

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 33--GEOGRAPHIC DIVERSIFICATION OF GROCERY STORE FIRMS IN SMSA'S, 1972 1/--CONTINUED

		FIRMS OPERATING--											FIRMS WITH GROCERY STORES IN FOLLOWING OTHER SMSA'S 2/										
		GROCERY STORES IN SMSA					GROCERY STORES IN UNITED STATES											OTHER SMSA'S 2/					
		: :																					

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 33--GEOGRAPHIC DIVERSIFICATION OF GROCERY STORE FIRMS IN SMSA'S, 1972 1/--CONTINUED

FIRMS OPERATING--																					FIRMS WITH GROCERY STORES IN FOLLOWING OTHER SMSA'S 2/									
FIRMS IN		GROCERY STORES IN SMSA										GROCERY STORES IN UNITED STATES :																		
SMSA :		: 11--26--51 OR :										: 11--26--51 OR :																		
1		2-4		5-10		25: 50:MORE :		1		2-4		5-10		25: 50:MORE :		1		2		3-5:6-9:MORE										
NUMBER OF FIRMS																														
WEST PALM BEACH-B FL:	199	170	3	5	5	2	0	165	5	2	2	0	11	1	1	2	0	10												
WHEELING WV:	194	167	6	4	0	0	0	164	3	2	4	0	4	2	1	1	1	3												
WICHITA KS:	159	127	9	1	3	0	0	125	9	1	0	1	4	1	1	0	0	3												
WICHITA FALLS TX:	91	77	3	3	1	0	0	76	2	0	2	1	3	2	1	0	0	3												
WILLIAMSPORT PA:	78	70	3	3	0	0	0	68	2	0	0	2	4	0	1	0	3	2												
WILMINGTON DE:	294	262	4	3	2	1	0	259	2	3	0	0	8	1	1	1	0	7												
WILMINGTON NC:	176	148	3	4	1	0	0	146	1	4	0	1	4	1	0	0	0	4												
WORCESTER MA:	197	173	6	3	1	0	0	168	7	2	2	1	4	2	2	2	0	4												
YAKIMA WA:	125	98	7	1	0	0	0	93	4	3	1	0	5	2	1	1	1	4												
YORK PA:	231	191	10	3	2	0	0	186	7	0	4	3	6	2	4	1	1	6												
YOUNGSTOWN-WARREN OH:	368	309	6	7	1	1	0	305	6	3	2	2	6	3	4	0	0	6												
NONZERO ENTRIES 3/	364	311.0	8.2	3.1	2.6	2.0	2.4	307.8	6.9	2.4	2.0	1.6	6.1	2.6	1.7	1.9	1.5	5.1												
MEAN, UNWEIGHTED	634	560.5	7.6	2.0	2.2	1.3	1.7	559.7	8.3	1.9	1.6	.9	2.6	2.5	1.0	1.4	.7	2.2												
STANDARD DEVIATION:																														
NUMBER																														
NUMBER OF SMSA'S	263	263	263	234	159	81	39	263	254	193	194	155	263	192	137	146	174	262												
NUMBER OF FIRMS																														
ALL SMSA'S	364	311.0	8.2	2.8	1.6	.6	.4	307.8	6.7	1.8	1.5	.9	6.1	1.9	.9	1.1	1.0	5.0												
MEAN, UNWEIGHTED	634	560.5	7.6	2.1	2.1	1.2	1.1	559.7	8.3	2.0	1.7	1.1	2.6	2.4	1.1	1.4	.9	2.2												
STANDARD DEVIATION:																														
NUMBER																														
NUMBER OF SMSA'S	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263											

1/ EXCLUDES STORES NOT IN BUSINESS AT END OF 1972.

2/ EXCLUDES FIRMS THAT OPERATED IN ONLY ONE SMSA.

3/ DATA ARE SUMMARIZED FOR EACH COLUMN FOR SMSA'S THAT DID NOT HAVE A ZERO IN THE COLUMN.

SOURCE: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.



Table 34--Geographic diversification of grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972 1/

Item	Firms operating--																		
	Firms in SMSA		Grocery stores in United States															Firms with grocery stores in following other SMSA's 2/	
	1	2-4	5-10	11-25	26-50	51 or more	1	2-4	5-10	11-25	26-50	51 or more	1	2	3-5	6-9	10 or more		
SMSA's with 1 million or more population																			
Number of firms																			
Nonzero entries 3/																			
Mean, unweighted	1,377	1,194.8	21.4	4.3	4.2	2.7	2.9	1,189.6	21.2	4.5	3.4	2.3	9.4	5.6	2.8	3.0	1.7	7.5	
Standard deviation	1,335	1,194.5	13.6	2.8	3.5	1.5	1.8	1,193.2	14.6	3.4	3.0	1.5	2.7	4.6	1.4	2.1	.8	2.0	
Number of SMSA's																			
	34	34	34	34	32	33	28	34	34	33	32	29	34	32	25	23	31	34	
All SMSA's																			
Number of firms																			
Nonzero entries 3/																			
Mean, unweighted	1,377	1,194.8	21.4	4.3	4.0	2.6	2.4	1,189.6	21.2	4.3	3.2	2.0	9.4	5.3	2.1	2.0	1.5	7.5	
Standard deviation	1,335	1,194.5	13.6	2.8	3.5	1.5	2.0	1,193.2	14.6	3.4	3.0	1.6	2.7	4.7	1.7	2.2	.9	2.0	
Number of SMSA's																			
	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
SMSA's with 300,000 - 999,999 population																			
Number of firms																			
Nonzero entries 3/																			
Mean, unweighted	366	311.6	7.9	3.8	2.9	1.6	1.2	308.4	7.1	2.4	2.1	1.5	6.8	2.2	1.7	1.7	1.6	5.7	
Standard deviation	189	165.8	3.6	1.9	1.7	.9	.4	165.8	3.9	1.2	1.1	.8	2.3	1.2	.9	.9	.9	2.1	
Number of SMSA's																			
	76	76	76	74	70	35	11	76	76	65	62	51	76	63	46	48	52	76	
All SMSA's																			
Number of firms																			
Nonzero entries 3/																			
Mean, unweighted	366	311.6	7.9	3.7	2.7	0.7	0.2	308.4	7.1	2.1	1.7	1.0	6.8	1.8	1.0	1.1	1.1	5.7	
Standard deviation	189	165.8	3.6	1.9	1.8	1.0	.4	165.8	3.9	1.4	1.3	1.0	2.3	1.4	1.1	1.1	1.1	2.1	
Number of SMSA's																			
	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	

See footnotes at end of table.

Continued--

Table 34--Geographic diversification of grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972 1/--Continued

Item	Firms operating--										Firms with grocery stores in following other SMSA's 2/									
	Firms in SMSA		Grocery stores in SMSA								Grocery stores in United States									
	1	2-4	5-10	11-25	26-50	51 or more	1	2-4	5-10	11-25	26-50	51 or more	1	2	3-5	6-9	10 or more			
<u>SMSA's with 150,000 - 299,999 population</u>																				
Nonzero entries 3/	Number of firms																			
Mean, unweighted	177	147.6	6.2	2.8	1.6	1.0	0	144.8	4.4	1.8	1.7	1.4	5.4	2.1	1.4	2.1	1.3	4.5		
Standard deviation	83	72.1	3.0	1.5	.8	0	0	71.9	2.6	1.0	.9	.7	1.8	1.2	.7	1.4	.5	1.8		
Number of SMSA's	76	76	76	74	35	9	0	76	73	52	52	44	76	52	35	45	48	76		
All SMSA's	Number of firms																			
Mean, unweighted	177	147.6	6.2	2.7	0.8	0.1	0	144.8	4.2	1.2	1.2	0.8	5.4	1.4	0.6	1.2	0.8	4.5		
Standard deviation	83	72.1	3.0	1.6	1.0	.3	0	71.9	2.7	1.2	1.1	.9	1.8	1.4	.8	1.5	.7	1.8		
Number of SMSA's	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76		
<u>SMSA's with less than 150,000 population</u>																				
Nonzero entries 3/	Number of firms																			
Mean, unweighted	98	81.5	4.6	1.8	1.1	1.0	0	78.8	2.5	1.6	1.4	1.2	4.5	1.6	1.2	1.3	1.4	3.9		
Standard deviation	51	43.9	1.8	1.0	.4	0	0	44.3	1.4	.7	.6	.4	1.7	.8	.5	.6	.7	1.6		
Number of SMSA's	77	77	77	52	22	4	0	77	71	43	48	31	77	45	31	30	43	76		
All SMSA's	Number of firms																			
Mean, unweighted	98	81.5	4.6	1.2	0.3	0.1	0	78.8	2.3	0.9	0.9	0.5	4.5	0.9	0.5	0.5	0.8	3.8		
Standard deviation	51	43.9	1.8	1.2	.5	.2	0	44.3	1.5	1.0	.8	.6	1.7	1.0	.7	.7	.9	1.7		
Number of SMSA's	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77		

See footnotes at end of table.

Continued--

Table 34--Geographic diversification of grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972 1/--Continued

Item	Firms operating--															Firms with grocery stores in following other SMSA's 2/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Grocery stores in SMSA										Grocery stores in United States																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	1	2-4	5-10	11-25	26-50	51 or more	1	2-4	5-10	11-25	26-50	51 or more	1	2	3-5	6-9	10 or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

See footnotes at end of table.

Continued--

Table 34--Geographic diversification of grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972 1/--Continued

Item	Firms operating--									
	Firms in SMSA					Grocery stores in United States				
	1	2-4	5-10	11-25	26-50 or more	1	2-4	5-10	11-25	26-50 or more
Nonzero entries 3/ Mean, unweighted Standard deviation	342 315	288.3 267.0	7.8 7.0	3.2 2.0	2.5 1.8	1.8 1.3	2.1 1.4	2.5 1.6	2.1 1.3	1.5 1.0
Number of SMSA's	98	98	98	91	74	41	14	98	96	72
All SMSA's Mean, unweighted Standard deviation	342 315	288.3 267.0	7.8 7.0	3.0 2.1	1.9 1.2	0.8 0.9	0.3 0.9	6.3 7.6	1.8 1.8	1.6 1.5
Number of SMSA's	98	98	98	98	98	98	98	98	98	98
Nonzero entries 3/ Mean, unweighted Standard deviation	319 475	270.8 410.2	10.7 10.4	3.3 2.5	3.2 2.2	1.9 1.4	2.0 1.8	8.6 10.8	3.2 3.0	2.7 2.0
Number of SMSA's	40	40	40	38	25	15	11	40	40	34
All SMSA's Mean, unweighted Standard deviation	319 475	270.8 410.2	10.7 10.4	3.2 2.6	2.0 2.4	0.7 1.2	0.6 1.3	8.6 10.8	2.7 3.0	2.2 1.8
Number of SMSA's	40	40	40	40	40	40	40	40	40	40

See footnotes at end of table.

Continued--

Table 34--Geographic diversification of grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972 1/--Continued

Item	Firms operating--																		Firms with grocery stores in following other SMSA's 2/									
	Grocery stores in SMSA										Grocery stores in United States								in following other SMSA's 2/									
	1	2-4	5-10	11-25	26-50	51 or more	1	2-4	5-10	11-25	26-50	51 or more	1	2	3-5	6-9	10 or more	1	2	3-5	6-9	10 or more						
<u>SMSA's with 1972 four-firm concentration ratios of 60 percent or over</u>																												
Number of firms																												
163	135.5	4.8	2.5	2.1	1.8	1.9	132.9	3.5	1.6	1.5	1.3	5.4	1.8	1.4	1.8	1.4	1.4	4.8										
170	146.3	2.6	1.3	1.5	1.2	1.1	146.2	2.8	.8	.9	.6	2.4	1.1	.7	1.0	.5	2.2											
Number																												
64	64	64	55	35	16	7	64	61	45	43	33	64	40	28	28	34	63											
Number of firms																												
163	135.5	4.8	2.1	1.2	0.4	0.2	132.9	3.3	1.2	1.0	0.7	5.4	1.1	0.6	0.8	0.7	4.7											
170	146.3	2.6	1.5	1.5	1.0	.7	146.2	2.8	1.0	1.0	.8	2.4	1.2	.8	1.1	.8	2.3											
Number																												
64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64											
<u>SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent</u>																												
Number of firms																												
359	307.8	7.8	3.0	2.4	1.9	2.5	304.8	6.5	2.3	1.7	1.5	5.8	2.2	1.7	2.0	1.4	4.7											
580	508.7	5.6	1.9	1.6	1.2	1.7	508.0	6.4	1.2	.9	.7	2.3	1.6	.8	1.3	.7	2.1											
Number																												
82	82	82	68	48	28	10	82	80	55	63	50	82	58	38	46	52	82											
Number of firms																												
359	307.8	7.8	2.5	1.4	0.6	0.3	304.8	6.3	1.5	1.3	0.9	5.8	1.6	0.8	1.1	0.9	4.7											
580	508.7	5.6	2.1	1.7	1.1	1.0	508.0	6.4	1.5	1.1	.9	2.3	1.7	1.0	1.4	.9	2.1											
Number																												
82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82											
Number of SMSA's																												

See footnotes at end of table.

Continued--

Table 34--Geographic diversification of grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972 1/--Continued

Item	Firms operating--										Firms with grocery stores in following other SMSA's 2/									
	Firms in SMSA		Grocery stores in SMSA								Grocery stores in United States									
	1	2-4	5-10	11-25	26-50	51 or more	1	2-4	5-10	11-25	26-50	51 or more	1	2	3-5	6-9	10 or more			
SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent																				
		Number of firms																		
Nonzero entries 3/	396	338.2	9.6	3.2	2.7	2.2	2.0						334.6	8.2	2.6	2.3	1.7	6.7	2.9	1.7
Mean, unweighted	438	381.8	8.9	2.0	1.8	1.4	1.3						381.1	9.9	2.2	1.5	1.0	2.5	2.6	1.1
Standard deviation																				
		Number																		
Number of SMSA's	93	93	93	88	61	28	19						93	90	74	70	56	93	75	56
		Number of firms																		
All SMSA's	396	338.2	9.6	3.0	1.8	0.7	0.4						334.6	7.9	2.0	1.7	1.0	6.7	2.4	1.0
Mean, unweighted	438	381.8	8.9	2.1	1.9	1.3	1.0						381.1	9.8	2.2	1.7	1.2	2.5	2.6	1.2
Standard deviation																				
		Number																		
Number of SMSA's	93	93	93	93	93	93	93						93	93	93	93	93	93	93	93
SMSA's with 1972 four-firm concentration ratios less than 40 percent																				
		Number of firms																		
Nonzero entries 3/	786	684.9	13.0	4.4	4.5	1.9	6.0						680.9	12.7	3.9	3.6	1.8	6.8	3.9	2.4
Mean, unweighted	1,495	1,338.5	12.3	2.8	4.7	1.6	1.7						1,336.9	12.6	3.2	3.5	1.5	3.5	4.9	1.4
Standard deviation																				
		Number																		
Number of SMSA's	24	24	24	23	15	9	3						24	23	19	18	16	24	19	15
		Number of firms																		
All SMSA's	786	684.9	13.0	4.3	2.8	0.7	0.8						680.9	12.1	3.1	2.7	1.2	6.8	3.1	1.5
Mean, unweighted	1,495	1,338.5	12.3	2.9	4.3	1.3	2.1						1,336.9	12.6	3.3	3.4	1.5	3.5	4.6	1.6
Standard deviation																				
		Number																		
Number of SMSA's	24	24	24	24	24	24	24						24	24	24	24	24	24	24	24

1/ Excludes stores not in business at the end of 1972.

2/ Excludes firms that operated in only one SMSA.

3/ Data are summarized for each column for SMSA's that did not have zero in the column.

Sources: Tables 12, 13, and 33 and appendix A.



TABLE 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972

SPSA	FIRMS OPERATING 1/72										FIRMS WITH GROCERY STORES IN FOLLOWING										SHARE OF--				SMSA SALES AS A PORTION OF						
	GROCERY STORES IN SMSA										OTHER SMSA'S 1/ 2/										SMSA : DIVI- : U.S. : THEIR SALES				: SALES : 3/ : SALES : 5/ : IN--						
	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE	1 : 2-4:10 : 26 : 50 : MORE		
ABILENE	TX:	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
AKRON	OH:	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALBANY	NY:	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALBANY-SCHENECTAD	NY:	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALBUQUERQUE	NM:	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALEXANDRIA	LA:	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALLEN-TOWN-BETHLEH	PA:	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALTOONA	PA:	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AMARILLO	TX:	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANAHEIM-SANTA ANA	CA:	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANCHORAGE	AK:	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANDERSON	IN:	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANN ARBOR	MI:	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
APPLETON-OSHKOSH	WI:	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ASHEVILLE	NC:	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ATLANTA	GA:	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ATLANTIC CITY	NJ:	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AUGUSTA	GA:	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AUSTIN	TX:	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BAKERSFIELD	CA:	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALTIMORE	MD:	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BATON ROUGE	LA:	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BATTLE CREEK	MI:	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BAY CITY	MI:	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BEAUMONT-PORT ART	TX:	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BILLINGS	MT:	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BILOXI-GULFPORT	MS:	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BINGHAMTON	NY:	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BIRMINGHAM	AL:	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BLOOMINGTON-NORMA	IL:	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOISE CITY	ID:	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOSTON	MA:	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRIDGEPORT	CT:	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BRISTOL	CT:	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

CONTINUED---

SEE FOOTNOTES AT END OF TABLE

TABLE 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972--CONTINUED

FIRMS OPERATING 1/--										FIRMS WITH GROCERY										SHARE OF--																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GROCERY STORES IN SMSA										GROCERY STORES IN U.S.										STORES IN FOLLOWING										SMSA : DIVI- : U.S. : A PORTION OF																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
: 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR:										: 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR:										: 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR:										: 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR: : 15- :11-:26-:51 OR:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
: 1:2-4:10 :26 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE :										: 1:2-4:10 :26 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE :										: 1:2-4:10 :26 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE :										: 1:2-4:10 :26 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE : 1 :2-4:10 :25 :50 :MORE :																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NUMBER OF FIRMS										NUMBER OF FIRMS										NUMBER OF FIRMS										NUMBER OF FIRMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
BRYAN-COLLEGE STA	TX:	1	2	0	0	0	0	0	0	1	1	2	0	0	0	0	2	2	57.9	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D

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SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972--CONTINUED

SMSA	FIRMS OPERATING 1/--										FIRMS WITH GROCERY : STORES IN FOLLOWING :										SHARE OF--					: SMSA SALES AS				
	: GROCERY STORES IN SMSA : GROCERY STORES IN U.S. : OTHER SMSA'S 1/ 2/ :										: SMSA : DIVI- : U.S. : THEIR SALES :										: SALES : 3/ : SALES : 4/ : SALES : 5/ :					: A PORTION OF				
	: :																													

CONTINUED--

SEE FOOTNOTES AT END OF TABLE



TABLE 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972--CONTINUED

[illegible]

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TARIF 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972--CONTINUED

[illegible]

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SEE FOOTNOTES AT END OF TABLE

CONTINUED--



TABLE 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972--CONTINUED

FIRMS OPERATING 1/--										FIRMS WITH GROCERY										SHARE OF--										: SMSA SALES AS									
: GROCERY STORES IN SMSA : GROCERY STORES IN U.S. : OTHER SMSA'S 1/ 2/ :										: STORES IN FOLLOWING :										: SMSA : DIVI- : U.S. : THEIR SALES										: A PORTION OF									
: :																																							

CONTINUED--

SEE FOOTNOTES AT END OF TABLE

TABLE 35--GEOGRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA'S, 1972--CONTINUED

[illegible]

1/ -- = NOT APPLICABLE. EXCLUDES STORES NOT IN BUSINESS AT THE END OF 1972.

2/ EXCLUDES FIRMS THAT OPERATED IN ONLY ONE SMSA.

27. EXCLUDES FIRMS THAT OPERATED IN THE YEAR 1997 AS A PORTION OF TOTAL SALES IN THE SMSA. •  
37. SALES OF THE FOUR LARGEST FIRMS IN THE SMSA AS A PORTION OF TOTAL SALES IN THE SMSA. •

3/ SALES OF THE FOUR LARGEST FIRMS IN THE SUSA AS A PORTION OF TOTAL SALES IN THE DIVISION.

47 DIVISION SALES OF THE FOUR LARGEST FIRMS IN THE SMSA AS A PORTION OF TOTAL SALES IN THE UNITED STATES.

5/ U.S. SALES OF THE FOUR LARGEST FIRMS IN THE SMSA AS A PORTION OF TOTAL SALES IN THE UNITED STATES, 1962. A \* INDICATES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

DATA ARE SUMMARIZED FOR EACH COLUMN FOR SMSARS THAT DID NOT HAVE A ZERO IN THE COLUMN. MEAN VALUES OF INDIVIDUAL DISCLOSURE OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS AS A RESULT OF THE NUMBER OF THE NUMBER

7/ DATA ARE SUMMARIZED FOR EACH COLUMN FOR SMSAS AND E<sub>1</sub> OR MORE STORES IN THE SMSA. DO NOT SUM THE COLUMNS THAT DID NOT HAVE A ZERO IN THE COLUMNS AS A RESULT OF MEAN VALUES OF THE NUMBER OF STORES. SIMILARLY, THE MEAN NUMBER OF STORES IS FOUR.

[illegible]

THE MEAN NUMBER OF FIRMS OPERATING IN THE UNITED STATES DOES NOT SUM TO FOUR. THE MEAN NUMBER OF FIRMS OPERATING IN DIFFERENT COUNTRIES DOES NOT SUM TO ONE BECAUSE FIRMS THAT OPERATE IN ONLY ONE COUNTRY ARE NOT INCLUDED IN THE COUNTRY TOTALS AND THE FIRST COUNTRY TOTALS ARE NOT THE TOTALS OF FIRMS OPERATING IN ONLY ONE COUNTRY.

MEMBERS OF SMSA'S DO NOT SUM TO FOUR, IN PART FOR THE SAME REASON AND IN PART BECAUSE FIRMS THAT OPERATE IN ONLY ONE SMSA ARE NOT

CLUDED.

SOURCE: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.

Table 36--Geographic diversification of the four largest grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972

Item	Firms operating--1/										Firms with grocery stores in following other SMSA's 1/ 2/										Share of--				SMSA sales as portion of sales in--																																																																															
	Grocery stores in SMSA					Grocery stores in United States					Firms with grocery stores in following other SMSA's 1/ 2/					Share of--				SMSA sales as portion of sales in--																																																																																				
	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 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26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :	1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2-4 : 5- : 11- : 26- : 51 or : 1 : 2 : 3-5 : 6-9 : 10 or : more :

See footnotes at end of table.

Continued--

Table 36--Geographic diversification of the four largest grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972--Continued

Item	Firms operating--1/										Firms with grocery stores in following other SMSA's 1/ 2/										Share of--				SMSA sales as portion of sales in--																																																																																																																																																																																																																																																																
	Grocery stores in SMSA					Grocery stores in United States										SMSA					Divi- : U.S.																																																																																																																																																																																																																																																																				
	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more		1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 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50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 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more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more

See footnotes at end of table.

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Table 36--Geographic diversification of the four largest grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972--Continued

Item	Firms operating--1/										Firms with grocery stores in following other SMSA's 1/ 2/										Share of--		SMSA sales as portion of sales in--
	Grocery stores in SMSA					Grocery stores in United States										SMSA		Divi- sion		U.S. sales			
	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	1 : 2-4 : 5- : 10 : 25 : 50 : more	3/ : sales	4/ : sales	5/ : sales						
SMSA's in the Southern region																							
Nonzero entries 6/																							
Mean, unweighted																							
Standard deviation																							
Number of SMSA's																							
All SMSA's 7/																							
Mean, unweighted																							
Standard deviation																							
Number of SMSA's																							
Nonzero entries 6/																							
Mean, unweighted																							
Standard deviation																							
Number of SMSA's																							
All SMSA's 7/																							
Mean, unweighted																							
Standard deviation																							
Number of SMSA's																							

See footnotes at end of table.

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Table 36--Geographic diversification of the four largest grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972--Continued

Item	Firms operating--1/										Firms with grocery stores in following other SMSA's 1/ 2/										Share of--					SMSA sales as portion of sales in--																																																																																																																																																																																																																																				
	Grocery stores in SMSA					Grocery stores in United States					1 : 2 : 3-5 : 6-9 : 10 or more					SMSA : sales : 3/ : sales : 4/ : sales : 5/ : Division : U.S.					SMSA : sales : 3/ : sales : 4/ : sales : 5/ : Division : U.S.																																																																																																																																																																																																																																									
	1 : 2-4 : 5- : 10 : 25 : 50 : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 : 5- : 11- : 26- : 51 or more	1 : 2-4 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See footnotes at end of table.

Continued--

Table 36--Geographic diversification of the four largest grocery store firms in metropolitan areas, SMSA data summarized by 1970 population, geographic region, and four-firm concentration ratio, 1972--Continued

Item	Firms operating--1/										Firms with grocery stores in following other SMSA's 1/ 2/										Share of--		SMSA sales as portion of sales in--																																																																																																																																																																										
	Grocery stores in SMSA					Grocery stores in United States										SMSA sales					Divi- sion sales		U.S. sales																																																																																																																																																																										
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2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more	1 : 2-4 : 5- : 10 : 11- : 25 : 26- : 50 : 51 or more

1/ Excludes stores not in business at the end of 1972. 2/ Excludes firms that operated in only one SMSA. 3/ Sales of the four largest firms in the SMSA as a portion of total sales in the SMSA. 4/ Division sales of the four largest firms in the SMSA as a portion of total sales in the division. 5/ U.S. sales of the four largest firms in the SMSA as a portion of total sales in the United States. 6/ Data are summarized for each column for SMSA's that did not have a zero in the column. 7/ Includes all SMSA's for which data are available. Sources: Tables 12, 13, and 35 and appendix A.

TABLE 37--CURRENT AND DEFLATED FOOD STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		MILLION DOLLARS									
ABILENE	TX:	24	30	32	35	50	28	33	35	35	41
AKRON	OH:	129	160	198	228	330	150	176	214	228	271
ALBANY	GA:	15	15	19	23	43	17	16	20	23	35
ALBANY-SCHENECTAD	NY:	161	211	225	287	414	188	231	245	287	341
ALBUQUERQUE	NM:	45	67	74	92	157	53	74	81	92	129
ALEXANDRIA	LA:	NA	NA	NA	NA	58	NA	NA	NA	NA	48
ALLENTOWN-BETHLEH	PA:	110	138	158	201	312	128	151	172	201	257
ALTCONA	PA:	33	32	44	48	66	38	35	48	48	55
AMARILLO	TX:	29	37	44	51	78	34	41	48	51	65
ANAHEIM-SANTA ANA	CA:	97	179	320	496	788	113	197	348	496	648
ANCHORAGE	AK:	NA	NA	NA	NA	78	NA	NA	NA	NA	64
ANDERSON	IN:	28	38	44	50	66	33	42	48	50	54
ANN ARBOR	MI:	38	45	61	86	140	45	49	66	86	115
APPLETON-OSHKOSH	WI:	NA	NA	NA	NA	117	NA	NA	NA	NA	96
ASHEVILLE	NC:	26	34	42	53	81	30	37	46	53	66
ATLANTA	GA:	194	256	333	459	751	226	281	362	459	618
ATLANTIC CITY	NJ:	49	59	64	73	107	57	65	70	73	88
AUGUSTA	GA:	52	49	55	71	116	60	53	59	71	95
AUSTIN	TX:	39	50	59	80	175	45	55	64	80	144
BAKERSFIELD	CA:	73	87	96	121	157	85	95	105	121	129
BALTIMORE	MD:	379	493	522	703	1,044	441	542	566	703	859
BATON ROUGE	LA:	39	59	74	99	204	45	64	80	99	168
BATTLE CREEK	MI:	NA	NA	NA	NA	94	NA	NA	NA	NA	77
BAY CITY	MI:	24	32	35	44	62	28	35	37	44	51
BEAUMONT-PORT ART	TX:	62	97	101	117	180	72	106	110	117	148
BILLINGS	MT:	19	23	28	33	42	22	26	30	33	35
BILOXI-GULFPORT	MS:	NA	NA	NA	39	74	NA	NA	NA	39	61
BINGHAMTON	NY:	53	63	98	127	169	61	70	106	127	139
BIRMINGHAM	AL:	130	156	178	245	363	152	172	193	245	298
BLOOMINGTON-NORMA	IL:	NA	NA	NA	29	43	NA	NA	NA	29	35
BOISE CITY	ID:	19	30	30	38	59	23	33	32	38	48
BCSTON	MA:	769	836	946	1,057	1,504	897	919	1,026	1,057	1,237
BRIDGEPORT	CT:	86	110	131	159	223	100	121	142	159	184
BRISTOL	CT:	NA	NA	NA	NA	34	NA	NA	NA	NA	28
BROCKTON	MA:	39	44	57	69	83	45	49	62	69	68
BROWNSVILLE-HARLI	TX:	26	29	32	41	69	30	32	35	41	57
BRYAN-COLLEGE STA	TX:	NA	NA	NA	NA	34	NA	NA	NA	NA	28
BUFFALO	NY:	341	402	424	497	642	397	442	460	497	528
BURLINGTON	NC:	NA	NA	NA	NA	50	NA	NA	NA	NA	41
CANTON	OH:	86	100	102	152	177	101	110	111	152	146
CEDAR RAPIDS	IA:	28	42	43	57	76	33	46	47	57	62
CHAMPAIGN-URBANA-	IL:	24	31	39	51	60	27	34	42	51	49
CHARLESTON	SC:	39	48	56	77	157	45	53	61	77	129
CHARLESTON	WV:	77	74	75	89	133	89	82	81	89	109
CHARLOTTE-GASTONI	NC:	44	71	101	128	281	51	78	110	128	231
CHATTANOOGA	TN:	65	89	90	114	203	76	98	98	114	167
CHICAGO	IL:	1,535	1,905	2,142	2,616	3,318	1,789	2,093	2,323	2,616	2,729
CINCINNATI	OH:	279	331	414	476	631	326	363	449	476	519
CLEVELAND	OH:	483	589	673	805	1,030	563	648	730	805	847
COLORADO SPRINGS	CO:	27	32	43	55	104	31	36	47	55	85
COLUMBIA	MO:	NA	NA	NA	NA	35	NA	NA	NA	NA	29
COLUMBIA	SC:	32	47	60	82	143	37	52	65	82	117
COLUMBUS	GA:	37	43	48	60	83	43	47	52	60	68
COLUMBUS	OH:	161	191	253	305	499	188	210	274	305	410
CORPUS CHRISTI	TX:	52	68	64	97	140	60	75	70	97	115
DALLAS	TX:	215	317	390	509	NA	250	349	423	509	NA
DALLAS-FT WORTH	TX:	NA	NA	NA	NA	1,214	NA	NA	NA	NA	998
DANBURY	CT:	NA	NA	NA	NA	73	NA	NA	NA	NA	60
DAVENPORT-ROCK IS	IA:	64	74	101	129	169	75	81	110	129	139
DAYTON	OH:	142	189	234	294	410	166	208	254	294	337

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 37--CURRENT AND DEFLATED FOOD STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		MILLION DOLLARS									
DAYTONA BEACH	FL:	NA	NA	NA	NA	115	NA	NA	NA	NA	94
DECATUR	IL:	29	36	37	45	56	34	39	40	45	46
DENVER-BOULDER	CO:	197	248	326	395	672	229	273	354	395	552
DES MOINES	IA:	62	82	92	120	163	72	90	99	120	134
DETROIT	MI:	980	1,140	1,237	1,606	2,264	1,142	1,253	1,342	1,606	1,862
DUBUQUE	IA:	18	21	24	29	42	21	23	26	29	35
DULUTH-SUPERIOR	MN:	71	81	79	98	113	83	89	85	98	93
DURHAM	NC:	21	27	33	60	NA	25	29	36	60	NA
EL PASO	TX:	56	73	76	89	146	65	80	83	89	120
ELMIRA	NY:	NA	NA	NA	NA	56	NA	NA	NA	NA	46
ERIE	PA:	60	71	79	90	133	70	78	86	90	109
EUGENE-SPRINGFIEL	OR:	43	44	61	71	116	50	48	66	71	95
EVANSVILLE	IN:	43	59	65	91	128	50	64	70	91	106
FALL RIVER	MA:	35	42	44	51	76	41	47	48	51	63
FARGO-MOORHEAD	ND:	19	25	30	38	53	22	27	32	38	44
FAYETTEVILLE	NC:	NA	NA	NA	41	62	NA	NA	NA	41	51
FAYETTEVILLE-SPRI	AR:	NA	NA	NA	NA	69	NA	NA	NA	NA	56
FITCHBURG-LEOMINS	MA:	NA	26	32	34	52	NA	28	35	34	43
FLINT	MI:	94	107	144	189	273	110	118	156	189	225
FLORENCE	AL:	NA	NA	NA	NA	50	NA	NA	NA	NA	41
FORT LAUDERDALE-H	FL:	50	103	160	224	461	58	113	173	224	379
FORT MYERS	FL:	NA	NA	NA	NA	74	NA	NA	NA	NA	60
FORT SMITH	AR:	17	20	38	50	75	20	22	41	50	62
FORT WAYNE	IN:	40	64	77	106	170	47	70	83	106	140
FORT WORTH	TX:	126	172	197	250	NA	147	189	214	250	NA
FRESNO	CA:	96	116	138	153	209	112	127	149	153	172
GADSDEN	AL:	20	21	25	28	43	24	24	27	28	35
GAINESVILLE	FL:	NA	NA	NA	NA	63	NA	NA	NA	NA	52
GALVESTON-TEXAS C	TX:	32	47	50	64	85	37	51	54	64	70
GARY-HAMMOND-EAST	IN:	129	178	200	243	329	151	196	217	243	271
GRAND RAPIDS	MI:	90	107	160	223	346	105	117	174	223	284
GREAT FALLS	MT:	16	21	28	28	37	19	24	30	28	31
GREEN BAY	WI:	31	39	39	50	72	37	43	43	50	59
GREENSBORO-HIGH P	NC:	48	60	75	NA	NA	56	66	81	NA	NA
GREENSBORO-WINSTO	NC:	NA	NA	NA	196	338	NA	NA	NA	196	278
GREENVILLE-SPARTA	SC:	39	50	78	101	241	46	55	85	101	198
HAMILTON-MIDDLETO	OH:	41	53	62	70	106	48	58	67	70	87
HARRISBURG	PA:	72	96	111	136	210	84	106	120	136	173
HARTFORD	CT:	114	173	221	261	362	133	190	239	261	297
HONOLULU	HI:	85	119	148	195	311	99	131	161	195	255
HOUSTON	TX:	291	398	464	677	1,126	340	437	503	677	926
HUNTINGTON-ASHLAN	WV:	56	69	75	91	142	65	76	81	91	117
HUNTSVILLE	AL:	19	30	53	68	120	23	33	58	68	99
INDIANAPOLIS	IN:	156	199	284	381	510	182	218	308	381	420
JACKSON	MI:	29	36	42	53	74	34	39	45	53	61
JACKSON	MS:	33	49	59	85	130	39	54	64	85	107
JACKSONVILLE	FL:	108	126	151	183	301	126	138	164	183	248
JERSEY CITY	NJ:	181	191	201	227	246	211	210	218	227	202
JOHNSTOWN	PA:	56	69	75	79	112	65	75	81	79	92
KALAMAZOO-PCRTAGE	MI:	35	54	55	83	142	41	59	59	83	117
KANSAS CITY	MO:	238	311	353	461	615	277	341	383	461	506
KENOSHA	WI:	24	26	36	39	55	27	28	39	39	45
KILLEEN-TEMPLE	TX:	NA	NA	NA	NA	62	NA	NA	NA	NA	51
KINGSPORT-BRISTOL	TN:	NA	NA	NA	NA	105	NA	NA	NA	NA	86
KNOXVILLE	TN:	83	91	108	132	200	97	100	117	132	164
LA CROSSE	WI:	NA	NA	NA	NA	37	NA	NA	NA	NA	30
LAFAYETTE	LA:	9	15	19	33	57	10	16	20	33	47
LAFAYETTE-WEST LA	IN:	NA	NA	NA	41	51	NA	NA	NA	41	42
LAKE CHARLES	LA:	21	35	37	49	67	24	39	40	49	56
LAKELAND-WINTER H	FL:	NA	NA	NA	NA	135	NA	NA	NA	NA	111

SEE FOOTNOTES AT END OF TABLE

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TABLE 37--CURRENT AND DEFLATED FOOD STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		MILLION DOLLARS									
LANCASTER	PA:	54	67	80	105	155	63	74	87	105	128
LANSING-EAST LANS	MI:	53	84	104	126	187	62	92	113	126	154
LAREDO	TX:	12	13	15	24	44	13	15	16	24	36
LAS VEGAS	NV:	30	43	76	105	175	34	47	83	105	144
LAWRENCE-HAVERHIL	MA:	31	61	72	87	141	36	67	78	87	116
LAWTON	OK:	14	14	19	23	32	16	16	20	23	26
LEWISTON-AUBURN	ME:	NA	23	24	30	43	NA	25	27	30	36
LEXINGTON	KY:	24	34	46	61	128	29	38	50	61	106
LIMA	OH:	25	33	32	57	91	29	36	35	57	75
LINCOLN	NE:	25	36	42	50	66	29	40	45	50	54
LITTLE ROCK-NORTH	AR:	47	63	69	100	152	55	69	75	100	125
LONG BRANCH-ASBUR	NJ:	NA	NA	NA	NA	296	NA	NA	NA	NA	243
LORAIN-ELYRIA	OH:	47	57	71	90	120	55	63	76	90	99
LOS ANGELES-LONG	CA:	1,626	2,037	2,382	2,829	3,643	1,895	2,239	2,584	2,829	2,996
LOUISVILLE	KY:	164	196	225	279	410	192	216	244	279	337
LOWELL	MA:	34	42	54	69	96	40	46	59	69	79
LUBBOCK	TX:	32	41	55	54	86	38	45	59	54	71
LYNCHBURG	VA:	21	26	34	45	67	25	29	37	45	55
MACON	GA:	34	40	52	70	106	39	43	56	70	87
MADISON	WI:	47	53	65	85	136	54	58	71	85	111
MANCHESTER	NH:	28	33	40	44	81	32	37	43	44	67
MANSFIELD	OH:	NA	NA	NA	48	62	NA	NA	NA	48	51
MALLEN-PHARR-EDI	TX:	NA	NA	NA	44	67	NA	NA	NA	44	55
MELBOURNE-TITUSVI	FL:	NA	NA	NA	NA	116	NA	NA	NA	NA	95
MEMPHIS	TN:	132	157	192	223	381	154	173	208	223	314
MERIDEN	CT:	13	16	16	23	30	16	18	18	23	24
MIAMI	FL:	215	296	377	476	742	251	325	409	476	610
MIDLAND	TX:	15	22	23	24	30	17	24	25	24	25
MILWAUKEE	WI:	266	362	408	498	645	310	397	442	498	530
MINNEAPOLIS-ST PA	MN:	326	407	478	567	853	380	447	518	567	701
MOBILE	AL:	60	74	102	109	178	70	81	111	109	146
MODESTO	CA:	NA	NA	NA	NA	112	NA	NA	NA	NA	92
MONROE	LA:	18	21	27	37	72	21	23	30	37	59
MONTGOMERY	AL:	30	34	52	63	101	35	38	56	63	83
MUNCIE	IN:	25	31	31	42	58	29	34	33	42	47
MUSKEGON-MUSKEGON	MI:	39	44	54	65	101	45	49	58	65	83
NASHUA	NH:	NA	NA	NA	NA	66	NA	NA	NA	NA	54
NASHVILLE-DAVIDSO	TN:	83	122	140	204	352	96	134	152	204	289
NASSAU-SUFFCLK	NY:	NA	NA	NA	NA	1,629	NA	NA	NA	NA	1,339
NEW BEDFORD	MA:	40	44	51	53	75	47	48	55	53	62
NEW BRITAIN	CT:	43	40	44	49	77	50	44	48	49	64
NEW BRUNSWICK-PER	NJ:	NA	NA	NA	NA	338	NA	NA	NA	NA	278
NEW HAVEN-WEST HA	CT:	82	104	125	141	228	96	114	136	141	188
NEW LONDON-NORWIC	CT:	NA	NA	64	67	132	NA	NA	70	67	108
NEW ORLEANS	LA:	153	258	283	406	604	178	284	307	406	497
NEW YORK	NY:	3,131	3,669	4,004	4,546	4,943	3,649	4,032	4,343	4,546	4,065
NEWARK	NJ:	474	558	592	750	1,094	552	613	642	750	900
NEWPORT NEWS-HAMP	VA:	42	54	64	82	147	49	60	70	82	121
NORFOLK-VIRGINIA	VA:	119	154	158	197	301	139	169	172	197	248
NORTHEAST PENNSYL	PA:	NA	NA	NA	NA	317	NA	NA	NA	NA	261
NORWALK	CT:	NA	NA	44	58	74	NA	NA	47	58	61
ODESSA	TX:	20	31	31	35	47	23	34	34	35	39
OGDEN	UT:	24	29	37	41	NA	28	32	40	41	NA
OKLAHOMA CITY	OK:	96	132	175	213	357	112	145	189	213	294
OMAHA	NE:	98	121	142	183	239	114	133	155	183	196
ORLANDO	FL:	43	79	117	134	254	50	87	127	134	209
OWENSBORO	KY:	NA	NA	NA	NA	38	NA	NA	NA	NA	31
OXNARD-SIMI VALLE	CA:	NA	NA	NA	125	199	NA	NA	NA	125	164
PARKERSBURG-MARIE	WV:	NA	NA	NA	NA	73	NA	NA	NA	NA	60
PATERSON-CLIFTON	NJ:	316	380	461	593	258	368	417	500	593	213

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 37--CURRENT AND DEFLATED FOOD STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
MILLION DOLLARS											
PENSACOLA	FL:	36	47	55	68	115	42	51	60	68	94
PEORIA	IL:	66	81	101	132	170	77	90	110	132	140
PETERSBURG-COLONI	VA:	NA	NA	NA	NA	63	NA	NA	NA	NA	51
PHILADELPHIA	PA:	999	1,210	1,358	1,679	2,385	1,164	1,329	1,473	1,679	1,962
PHOENIX	AZ:	114	164	241	341	587	132	180	261	341	483
PINE BLUFF	AR:	17	17	21	28	39	20	18	22	28	32
PITTSBURGH	PA:	617	751	771	884	1,079	720	826	836	884	887
PITTSFIELD	MA:	21	25	33	38	51	24	27	35	38	42
PORTLAND	ME:	37	45	56	73	110	43	49	61	73	91
PORTLAND	OR:	223	265	261	346	624	260	291	283	346	513
POUGHKEEPSIE	NY:	NA	NA	NA	NA	137	NA	NA	NA	NA	112
PROVIDENCE-WARWIC	RI:	189	234	276	332	440	220	257	300	332	362
PROVO-OREM	UT:	17	22	27	35	51	19	24	29	35	42
PUEBLO	CO:	26	30	35	39	60	30	33	38	39	49
RACINE	WI:	33	49	44	62	83	38	54	48	62	68
RALEIGH	NC:	32	42	52	67	NA	38	46	56	67	NA
RALEIGH-DURHAM	NC:	NA	NA	NA	NA	221	NA	NA	NA	NA	182
READING	PA:	67	72	81	90	145	78	79	88	90	119
RENO	NV:	18	29	45	55	90	21	32	49	55	74
RICHLAND-KINNEWIC	WA:	NA	NA	NA	NA	49	NA	NA	NA	NA	40
RICHMOND	VA:	91	119	135	193	281	107	130	147	193	231
RIVERSIDE-SAN BER	CA:	153	241	300	397	592	178	265	325	397	486
ROANOKE	VA:	32	44	51	66	110	38	48	55	66	91
ROCHESTER	MN:	NA	NA	NA	NA	31	NA	NA	NA	NA	25
ROCHESTER	NY:	147	178	261	344	512	171	195	284	344	421
ROCKFORD	IL:	42	61	79	101	131	49	67	85	101	108
SACRAMENTO	CA:	114	150	258	307	454	132	165	279	307	373
SAGINAW	MI:	38	52	61	75	117	44	57	66	75	96
ST CLOUD	MN:	NA	NA	NA	NA	52	NA	NA	NA	NA	42
ST JOSEPH	MO:	24	28	30	33	46	28	31	32	33	38
ST LOUIS	MO:	500	617	697	843	1,130	583	678	756	843	930
SALEM	OR:	NA	NA	NA	65	101	NA	NA	NA	65	83
SALINAS-SEASIDE-M	CA:	NA	NA	NA	78	123	NA	NA	NA	78	101
SALT LAKE CITY	UT:	77	103	148	169	NA	90	113	161	169	NA
SALT LAKE CITY-OG	UT:	NA	NA	NA	NA	332	NA	NA	NA	NA	273
SAN ANGELO	TX:	18	19	20	24	37	21	21	22	24	30
SAN ANTONIO	TX:	127	170	179	227	376	148	187	194	227	309
SAN DIEGO	CA:	190	269	295	414	645	221	296	320	414	531
SAN FRANCISCO-OAK	CA:	768	896	1,070	1,315	1,739	895	985	1,161	1,315	1,430
SAN JOSE	CA:	123	180	266	385	614	144	198	288	385	505
SANTA BARBARA-SAN	CA:	33	45	78	92	134	39	50	85	92	110
SANTA CRUZ	CA:	NA	NA	NA	NA	83	NA	NA	NA	NA	68
SANTA ROSA	CA:	NA	NA	NA	NA	137	NA	NA	NA	NA	113
SARASOTA	FL:	NA	NA	NA	NA	89	NA	NA	NA	NA	73
SAVANNAH	GA:	36	44	49	62	97	42	49	53	62	80
SCRANTON	PA:	61	77	72	89	NA	71	85	78	89	NA
SEATTLE-EVERETT	WA:	220	361	417	551	758	257	397	452	551	623
SHERMAN-DENISON	TX:	NA	NA	NA	30	37	NA	NA	NA	30	30
SHREVEPORT	LA:	58	67	76	95	158	68	74	83	95	130
SIOUX CITY	IA:	27	31	42	46	55	32	34	45	46	45
SIOUX FALLS	SD:	17	23	24	29	41	19	25	27	29	34
SOUTH BEND	IN:	54	61	82	101	128	63	67	89	101	105
SPOKANE	WA:	70	87	85	100	139	82	96	92	100	115
SPRINGFIELD	IL:	35	48	49	60	86	41	53	53	60	71
SPRINGFIELD	MO:	24	30	36	51	81	28	34	39	51	67
SPRINGFIELD	OH:	31	38	41	56	84	37	41	45	56	69
SPRINGFIELD-CHICO	MA:	118	149	169	199	240	138	163	183	199	197
STAMFORD	CT:	82	68	84	101	136	96	75	92	101	112
STEBENVILLE-WEIR	OH:	NA	47	54	59	78	NA	51	58	59	64
STOCKTON	CA:	59	71	91	115	139	68	78	99	115	114

SEE FOOTNOTES AT END OF TABLE

CONTINUED--



TABLE 37--CURRENT AND DEFLATED FOOD STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
MILLION DOLLARS											
SYRACUSE	NY:	109	166	203	242	331	127	183	220	242	272
TACOMA	WA:	70	88	87	127	163	81	97	95	127	134
TALLAHASSEE	FL:	NA	NA	NA	25	61	NA	NA	NA	25	50
TAMPA-ST PETERSBU	FL:	130	203	262	318	628	151	223	285	318	517
TERRE HAUTE	IN:	24	28	49	58	78	28	31	53	58	64
TEXARKANA	TX:	17	24	26	34	55	20	26	29	34	45
TOLEDO	OH:	119	147	202	254	379	138	162	220	254	312
TOPEKA	KS:	31	40	43	50	78	36	43	47	50	64
TRENTON	NJ:	74	87	90	111	164	86	96	97	111	135
TUCSON	AZ:	50	71	88	116	206	59	78	95	116	169
TULSA	OK:	71	114	132	174	280	83	125	144	174	230
TUSCALOOSA	AL:	16	22	28	36	54	18	24	31	36	45
TYLER	TX:	19	27	31	32	51	22	30	33	32	42
UTICA-ROME	NY:	78	92	108	127	150	91	101	117	127	123
VALLEJO-FAIRFIELD	CA:	NA	NA	63	84	127	NA	NA	68	84	104
VINELAND-MILLVILL	NJ:	NA	NA	NA	52	74	NA	NA	NA	52	61
WACO	TX:	35	40	44	52	77	41	44	48	52	63
WASHINGTON	DC:	467	598	723	978	1,460	544	658	784	978	1,200
WATERBURY	CT:	49	58	71	86	111	57	63	77	86	91
WATERLOO-CEDAR FA	IA:	25	33	34	44	59	29	36	37	44	48
WEST PALM BEACH-B	FL:	42	74	101	134	249	49	81	109	134	205
WHEELING	WV:	NA	56	60	69	95	NA	62	65	69	78
WHEELING-STEUBENV	WV:	90	NA	NA	NA	NA	105	NA	NA	NA	NA
WICHITA	KS:	75	100	111	136	170	87	110	121	136	140
WICHITA FALLS	TX:	27	31	34	37	48	31	34	37	37	40
WILKES BARRE-HAZL	PA:	85	104	103	122	NA	100	114	112	122	NA
WILLIAMSPORT	PA:	NA	NA	NA	NA	59	NA	NA	NA	NA	48
WILMINGTON	DE:	82	110	144	173	273	95	120	156	173	225
WILMINGTON	NC:	NA	NA	NA	35	65	NA	NA	NA	35	53
WINSTON SALEM	NC:	33	42	55	NA	NA	38	46	60	NA	NA
WORCESTER	MA:	77	94	113	134	192	89	103	122	134	158
YAKIMA	WA:	NA	NA	NA	NA	80	NA	NA	NA	NA	65
YORK	PA:	48	59	82	104	153	56	65	88	104	126
YOUNGSTOWN-WARREN	OH:	156	151	162	192	240	182	166	176	192	197
MEAN, UNWEIGHTED	:	127	157	181	216	285	148	172	196	216	234
STANDARD DEVIATION:	:	290	345	382	441	523	338	379	414	441	430
NUMBER											
NUMBER OF SMSA'S	:	212	215	218	230	263	212	215	218	230	263

1/ "NA" DENOTES THAT DATA ARE NOT AVAILABLE.

2/ DEFLATED BY THE CONSUMER PRICE INDEX, FOOD AT HOME, 1967=100. INDEX VALUES ARE 85.8, 91.0, 92.2, 100.0, AND 121.6 FOR 1954, 1958, 1963, 1967, AND 1972 RESPECTIVELY.

SOURCE: BUREAU OF THE CENSUS, CENSUS OF BUSINESS, AREA SERIES, U.S. GOVT. PRINT. OFF., FOR EACH OF THE CENSUS YEARS 1954-72.

TABLE 3E--CURRENT AND DEFLATED GROCERY STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
MILLION DOLLARS											
ABILENE	TX:	23	30	31	34	48	27	33	34	34	40
AKRON	OH:	102	129	172	214	311	118	141	186	214	256
ALBANY	GA:	13	14	18	22	41	16	15	20	22	34
ALBANY-SCHENECTAD	NY:	136	181	205	260	382	159	198	223	260	314
ALBUQUERQUE	NM:	43	64	71	86	146	50	71	78	86	120
ALEXANDRIA	LA:	NA	NA	NA	NA	56	NA	NA	NA	NA	46
ALLEN TOWN-BETHLEH	PA:	95	116	143	184	282	110	128	155	184	232
ALTOONA	PA:	28	28	38	42	57	32	31	42	42	47
AMARILLO	TX:	27	36	42	48	75	32	39	46	48	61
ANAHEIM-SANTA ANA	CA:	85	166	298	455	727	99	182	323	455	598
ANCHORAGE	AK:	NA	NA	NA	NA	76	NA	NA	NA	NA	63
ANDERSON	IN:	27	36	42	49	64	32	40	46	49	52
ANN ARBOR	MI:	36	42	57	81	132	42	46	62	81	109
APPLETON-OSHKOSH	WI:	NA	NA	NA	NA	110	NA	NA	NA	NA	90
ASHEVILLE	NC:	24	30	41	51	78	28	33	44	51	65
ATLANTA	GA:	183	241	319	441	727	213	265	346	441	598
ATLANTIC CITY	NJ:	37	45	55	62	94	43	49	59	62	77
AUGUSTA	GA:	50	47	54	69	114	58	51	58	69	94
AUSTIN	TX:	37	49	57	79	167	43	53	62	79	138
BAKERSFIELD	CA:	67	83	93	113	147	78	92	101	113	121
BALTIMORE	MD:	309	414	463	619	926	360	455	502	619	761
BATON ROUGE	LA:	37	55	69	94	193	43	60	75	94	159
BATTLE CREEK	MI:	NA	NA	NA	NA	89	NA	NA	NA	NA	73
BAY CITY	MI:	21	26	31	41	55	24	29	34	41	45
BEAUMONT-PORT ART	TX:	59	93	99	113	173	68	103	107	113	142
BILLINGS	MT:	17	22	27	31	39	20	25	29	31	32
BILOXI-GULFPORT	MS:	NA	NA	NA	37	70	NA	NA	NA	37	58
BINGHAMTON	NY:	48	58	93	123	157	56	64	101	123	129
BIRMINGHAM	AL:	122	150	174	239	355	143	165	188	239	292
BLOOMINGTON-NORMA	IL:	NA	NA	NA	27	40	NA	NA	NA	27	33
BOISE CITY	ID:	18	29	29	36	56	21	32	31	36	46
BOSTON	MA:	620	698	841	922	1,324	723	767	912	922	1,089
BRIDGEPORT	CT:	71	93	121	143	203	83	102	131	143	167
BRISTOL	CT:	NA	NA	NA	NA	31	NA	NA	NA	NA	25
BROCKTON	MA:	35	40	54	62	78	41	44	59	62	64
BROWNSVILLE-HARLI	TX:	25	28	30	39	67	29	31	33	39	55
BRYAN-COLLEGE STA	TX:	NA	NA	NA	NA	32	NA	NA	NA	NA	27
BUFFALO	NY:	261	340	371	437	560	304	374	403	437	460
BURLINGTON	NC:	NA	NA	NA	NA	49	NA	NA	NA	NA	40
CANTON	OH:	73	84	87	142	164	85	92	94	142	135
CEDAR RAPIDS	IA:	25	40	42	54	71	30	44	46	54	59
CHAMPAIGN-URBANA-	IL:	22	29	37	50	58	26	32	40	50	47
CHARLESTON	SC:	37	45	53	72	151	43	49	58	72	124
CHARLESTON	WV:	72	71	72	85	130	84	78	78	85	107
CHARLOTTE-GASTONI	NC:	42	67	98	125	275	49	73	107	125	226
CHATTANOOGA	TN:	63	87	86	110	199	73	96	94	110	163
CHICAGO	IL:	1,259	1,638	1,944	2,415	3,054	1,468	1,800	2,109	2,415	2,512
CINCINNATI	OH:	218	280	368	434	551	254	308	400	434	453
CLEVELAND	OH:	356	478	574	728	938	415	525	623	728	771
COLORADO SPRINGS	CO:	24	31	42	53	98	29	34	45	53	81
COLUMBIA	MO:	NA	NA	NA	NA	34	NA	NA	NA	NA	28
COLUMBIA	SC:	30	45	58	79	138	35	50	63	79	113
COLUMBUS	GA:	36	41	47	57	81	41	45	51	57	66
COLUMBUS	OH:	136	175	238	288	471	159	193	258	288	388
CORPUS CHRISTI	TX:	50	66	62	93	133	58	73	67	93	110
DALLAS	TX:	207	308	380	493	NA	242	339	412	493	NA
DALLAS-FT WCRTH	TX:	NA	NA	NA	NA	1,169	NA	NA	NA	NA	961
DANBURY	CT:	NA	NA	NA	NA	69	NA	NA	NA	NA	56
DAVENPORT-ROCK IS	IA:	59	69	96	123	158	69	76	104	123	130
DAYTON	OH:	126	176	222	282	374	147	193	241	282	307

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 38--CURRENT AND DEFLATED GROCERY STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		MILLION DOLLARS									
DAYTONA BEACH	FL:	NA	NA	NA	NA	110	NA	NA	NA	NA	91
DECATUR	IL:	27	35	35	44	53	32	38	38	44	44
DENVER-BOULDER	CO:	180	227	306	372	637	210	250	332	372	524
DES MOINES	IA:	57	75	88	115	157	66	83	96	115	129
DETROIT	MI:	835	1,013	1,113	1,460	2,370	973	1,113	1,208	1,460	1,702
DUBUQUE	IA:	16	19	22	27	40	19	21	24	27	33
DULUTH-SUPERIOR	MN:	64	75	74	89	99	74	83	80	89	81
DURHAM	NC:	20	25	32	59	NA	23	27	35	59	NA
EL PASO	TX:	53	69	71	85	137	62	76	77	85	113
ELMIRA	NY:	NA	NA	NA	NA	51	NA	NA	NA	NA	42
ERIE	PA:	52	63	71	83	119	61	69	77	83	98
EUGENE-SPRINGFIELD	OR:	38	39	57	67	109	45	43	61	67	89
EVANSVILLE	IN:	41	55	62	89	126	48	61	67	89	103
FALL RIVER	MA:	26	32	39	43	67	31	35	42	43	55
FARGO-MOORHEAD	ND:	17	23	28	37	49	20	25	30	37	40
FAYETTEVILLE	NC:	NA	NA	NA	40	60	NA	NA	NA	40	49
FAYETTEVILLE-SPRINGFIELD	AR:	NA	NA	NA	NA	67	NA	NA	NA	NA	55
FITCHBURG-LEOMINSTER	MA:	NA	23	30	31	49	NA	25	32	31	40
FLINT	MI:	88	101	137	181	260	103	111	149	181	214
FLORENCE	AL:	NA	NA	NA	NA	49	NA	NA	NA	NA	40
FORT LAUDERDALE-HOUSTON	FL:	46	95	149	205	418	53	104	161	205	344
FORT MYERS	FL:	NA	NA	NA	NA	71	NA	NA	NA	NA	58
FORT SMITH	AR:	17	20	37	49	73	19	22	40	49	60
FORT WAYNE	IN:	35	60	72	100	156	41	66	78	100	128
FORT WORTH	TX:	123	167	192	244	NA	144	183	208	244	NA
FRESNO	CA:	82	105	129	141	199	96	115	140	141	163
GADSDEN	AL:	19	21	24	27	42	23	23	26	27	35
GAINESVILLE	FL:	NA	NA	NA	NA	60	NA	NA	NA	NA	49
GALVESTON-TEXAS CITY	TX:	29	44	48	61	81	34	48	52	61	67
GARY-HAMMOND-EAST CHICAGO	IN:	115	160	186	229	305	134	176	201	229	251
GRAND RAPIDS	MI:	79	96	150	212	328	93	106	163	212	270
GREAT FALLS	MT:	15	19	27	28	35	17	21	29	28	29
GREEN BAY	WI:	28	35	36	45	66	33	39	39	45	55
GREENSBORO-HIGH POINT	NC:	46	58	74	NA	NA	53	64	80	NA	NA
GREENSBORO-WINSTON-SALEM	NC:	NA	NA	NA	192	325	NA	NA	NA	192	267
GREENVILLE-SPARTANBURG	SC:	39	49	77	97	235	45	54	84	97	193
HAMILTON-MIDDLETOWN	OH:	37	49	58	65	99	44	54	62	65	82
HARRISBURG	PA:	63	86	104	124	196	73	94	113	124	161
HARTFORD	CT:	98	154	200	237	329	114	169	217	237	271
HONOLULU	HI:	73	106	135	175	281	85	117	146	175	231
HOUSTON	TX:	273	383	446	656	1,076	319	421	484	656	885
HUNTINGTON-ASHLAND	WV:	54	66	73	88	138	63	72	79	88	114
HUNTSVILLE	AL:	19	29	52	67	115	22	32	57	67	95
INDIANAPOLIS	IN:	142	180	269	361	482	166	198	292	361	397
JACKSON	MI:	27	34	40	50	68	31	37	44	50	56
JACKSON	MS:	33	48	58	81	127	38	53	63	81	104
JACKSONVILLE	FL:	100	119	143	174	281	116	130	155	174	231
JERSEY CITY	NJ:	120	131	155	187	205	140	144	168	187	169
JOHNSTOWN	PA:	52	62	71	75	103	60	68	77	75	84
KALAMAZOO-PORTAGE	MI:	31	50	51	81	136	37	55	56	81	112
KANSAS CITY	MO:	222	295	338	444	588	259	324	367	444	483
KENOSHA	WI:	19	22	33	36	50	22	24	36	36	41
KILLEEN-TEMPLE	TX:	NA	NA	NA	NA	61	NA	NA	NA	NA	50
KINGSFORD-BRISTOL	TN:	NA	NA	NA	NA	101	NA	NA	NA	NA	83
KNOXVILLE	TN:	80	88	105	129	193	93	97	114	129	159
LA CROSSE	WI:	NA	NA	NA	NA	34	NA	NA	NA	NA	28
LAFAYETTE	LA:	8	14	18	32	54	10	15	20	32	44
LAFAYETTE-WEST LAFAYETTE	LA:	NA	NA	NA	39	49	NA	NA	NA	39	40
LAKE CHARLES	LA:	20	29	31	48	66	23	32	33	48	54
LAKELAND-WINTER HAVEN	FL:	NA	NA	NA	NA	131	NA	NA	NA	NA	108

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 38--CURRENT AND DEFLATED GROCERY STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		MILLION DOLLARS									
LANCASTER	PA:	42	53	66	85	123	48	59	71	85	101
LANSING-EAST LANS	MI:	49	80	99	120	179	57	88	108	120	147
LAREDO	TX:	11	12	14	23	42	13	14	16	23	34
LAS VEGAS	NV:	28	40	74	103	169	32	44	80	103	139
LAWRENCE-HAVERHIL	MA:	23	50	64	78	124	27	55	70	78	102
LAWTON	OK:	13	14	18	22	30	15	15	20	22	25
LEWISTON-AUBURN	ME:	NA	20	24	28	41	NA	22	26	28	34
LEXINGTON	KY:	24	33	45	60	125	27	36	48	60	103
LIMA	OH:	22	29	30	54	86	26	32	32	54	70
LINCOLN	NE:	23	35	41	49	64	27	38	44	49	52
LITTLE ROCK-NORTH	AR:	45	60	67	96	144	53	66	73	96	119
LONG BRANCH-ASBUR	NJ:	NA	NA	NA	NA	266	NA	NA	NA	NA	219
LORAIN-ELYRIA	OH:	41	52	60	82	112	48	57	65	82	92
LOS ANGELES-LONG	CA:	1,383	1,842	2,177	2,559	3,278	1,611	2,024	2,361	2,559	2,695
LOUISVILLE	KY:	150	181	213	265	381	175	198	231	265	313
LOWELL	MA:	29	36	50	64	90	34	40	55	64	74
LUBBOCK	TX:	31	39	53	51	82	36	43	58	51	67
LYNCHBURG	VA:	20	25	34	45	66	23	28	37	45	54
MACON	GA:	32	39	51	68	103	37	42	55	68	85
MADISON	WI:	39	49	61	80	129	46	54	66	80	106
MANCHESTER	NH:	25	30	38	41	75	29	33	41	41	62
MANSFIELD	OH:	NA	NA	NA	44	56	NA	NA	NA	44	46
MCALLEN-PHARR-EDI	TX:	NA	NA	NA	42	63	NA	NA	NA	42	52
MELBOURNE-TITUSVI	FL:	NA	NA	NA	NA	112	NA	NA	NA	NA	92
MEMPHIS	TN:	127	151	184	212	364	148	166	200	212	300
MERIDEN	CT:	11	14	14	21	26	13	15	15	21	22
MIAMI	FL:	194	266	353	430	676	226	292	383	430	556
MIDLAND	TX:	14	21	22	23	28	17	23	24	23	23
MILWAUKEE	WI:	214	303	364	452	597	250	333	394	452	491
MINNEAPOLIS-ST PA	MN:	270	356	441	514	785	314	391	478	514	646
MOBILE	AL:	57	71	100	106	172	67	78	108	106	141
MCDONALD	CA:	NA	NA	NA	NA	106	NA	NA	NA	NA	87
MONTROE	LA:	16	20	25	35	68	19	22	27	35	56
MONTGOMERY	AL:	28	34	51	62	95	33	37	55	62	78
MUNCIE	IN:	24	29	29	40	53	28	32	31	40	44
MUSKEGON-MUSKEGON	MI:	36	42	52	63	99	42	46	57	63	81
NASHUA	NH:	NA	NA	NA	NA	62	NA	NA	NA	NA	51
NASHVILLE-DAVIDSO	TN:	80	119	137	201	345	93	131	149	201	284
NASSAU-SUFFOLK	NY:	NA	NA	NA	NA	1,421	NA	NA	NA	NA	1,168
NEW BEDFORD	MA:	35	38	45	47	67	40	42	49	47	55
NEW BRITAIN	CT:	37	35	40	43	68	43	39	43	43	56
NEW BRUNSWICK-PER	NJ:	NA	NA	NA	NA	300	NA	NA	NA	NA	247
NEW HAVEN-WEST HA	CT:	66	84	112	125	206	76	92	122	125	169
NEW LONDON-NORWIC	CT:	NA	NA	59	61	120	NA	NA	64	61	99
NEW ORLEANS	LA:	136	240	267	386	574	158	264	289	386	472
NEW YORK	NY:	1,982	2,640	3,096	3,658	3,975	2,310	2,901	3,358	3,658	3,269
NEWARK	NJ:	357	441	497	652	966	416	485	539	652	794
NEWPORT NEWS-HAMP	VA:	39	51	62	80	138	45	56	67	80	113
NORFOLK-VIRGINIA	VA:	108	144	152	191	288	126	159	165	191	237
NORTHEAST PENNSYL	PA:	NA	NA	NA	NA	289	NA	NA	NA	NA	238
NORWALK	CT:	NA	NA	40	53	67	NA	NA	43	53	55
ODESSA	TX:	19	30	30	33	43	23	33	33	33	36
OGDEN	UT:	23	29	36	0	NA	26	31	39	0	NA
OKLAHOMA CITY	OK:	89	125	171	207	344	104	137	186	207	283
OMAHA	NE:	89	113	133	173	224	104	125	145	173	185
ORLANDO	FL:	41	74	113	128	240	47	82	122	128	197
OWENSBORO	KY:	NA	NA	NA	NA	38	NA	NA	NA	NA	31
OXNARD-SIMI VALLE	CA:	NA	NA	NA	118	186	NA	NA	NA	118	153
PARKERSBURG-MARIE	WV:	NA	NA	NA	NA	76	NA	NA	NA	NA	58
PATERSON-CLIFTON	NJ:	241	303	386	502	216	281	333	419	502	178

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 38--CURRENT AND DEFLATED GROCERY STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
		MILLION DOLLARS									
PENSACOLA	FL:	31	44	54	66	109	37	48	58	66	90
PEORIA	IL:	60	75	94	125	158	70	82	102	125	130
PETERSBURG-COLONI	VA:	NA	NA	NA	NA	61	NA	NA	NA	NA	50
PHILADELPHIA	PA:	806	1,000	1,198	1,503	2,131	939	1,098	1,300	1,503	1,752
PHOENIX	AZ:	108	155	229	327	568	125	170	248	327	467
PINE BLUFF	AR:	17	16	20	28	38	19	18	22	28	31
PITTSBURGH	PA:	513	630	675	789	937	598	692	732	789	771
PITTSFIELD	MA:	19	23	30	34	48	22	25	32	34	39
PORTLAND	ME:	33	42	54	70	105	39	46	59	70	86
PORTLAND	OR:	194	241	245	326	593	226	265	266	326	488
POUGHKEEPSIE	NY:	NA	NA	NA	NA	125	NA	NA	NA	NA	103
PROVIDENCE-WARWIC	RI:	155	201	243	287	380	181	221	263	287	312
PROVO-OREM	UT:	16	20	26	32	47	18	22	28	32	39
PUEBLO	CO:	24	28	33	38	54	28	31	35	38	45
RACINE	WI:	26	42	41	57	76	30	47	44	57	63
RALEIGH	NC:	27	41	51	65	NA	31	45	55	65	NA
RALEIGH-DURHAM	NC:	NA	NA	NA	NA	214	NA	NA	NA	NA	176
READING	PA:	54	56	71	77	123	63	62	77	77	101
RENO	NV:	16	28	45	53	85	18	31	49	53	70
RICHLAND-KINNEWIC	WA:	NA	NA	NA	NA	47	NA	NA	NA	NA	38
RICHMOND	VA:	81	112	128	187	273	95	123	139	187	224
RIVERSIDE-SAN BER	CA:	141	228	285	373	551	164	251	310	373	453
ROANOKE	VA:	29	40	49	63	107	34	44	53	63	88
ROCHESTER	MN:	NA	NA	NA	NA	28	NA	NA	NA	NA	23
ROCHESTER	NY:	123	154	237	315	480	143	170	257	315	395
ROCKFORD	IL:	38	56	75	97	126	44	62	81	97	104
SACRAMENTO	CA:	99	138	244	290	427	115	152	265	290	352
SAGINAW	MI:	33	45	57	71	110	39	50	62	71	91
ST CLOUD	MN:	NA	NA	NA	NA	47	NA	NA	NA	NA	38
ST JOSEPH	MO:	23	26	29	32	44	26	29	31	32	37
ST LOUIS	MO:	442	553	644	782	1,043	515	607	699	782	858
SALEM	OR:	NA	NA	NA	60	95	NA	NA	NA	60	78
SALINAS-SEASIDE-M	CA:	NA	NA	NA	70	113	NA	NA	NA	70	93
SALT LAKE CITY	UT:	70	96	140	161	NA	82	106	152	161	NA
SALT LAKE CITY-OG	UT:	NA	NA	NA	NA	311	NA	NA	NA	NA	255
SAN ANGELO	TX:	18	18	20	24	36	21	20	22	24	29
SAN ANTONIO	TX:	118	160	173	218	357	137	176	188	218	294
SAN DIEGO	CA:	167	245	277	388	602	194	270	300	388	495
SAN FRANCISCO-OAK	CA:	598	769	967	1,175	1,580	697	845	1,049	1,175	1,299
SAN JOSE	CA:	105	163	248	356	575	122	179	269	356	473
SANTA BARBARA-SAN	CA:	30	40	72	83	122	35	44	78	83	101
SANTA CRUZ	CA:	NA	NA	NA	NA	77	NA	NA	NA	NA	63
SANTA ROSA	CA:	NA	NA	NA	NA	126	NA	NA	NA	NA	103
SARASOTA	FL:	NA	NA	NA	NA	81	NA	NA	NA	NA	67
SAVANNAH	GA:	32	39	47	60	92	37	43	51	60	76
SCRANTON	PA:	54	69	65	83	NA	63	76	71	83	NA
SEATTLE-EVERETT	WA:	183	334	392	516	717	214	367	425	516	590
SHERMAN-DENISON	TX:	NA	NA	NA	30	35	NA	NA	NA	30	29
SHREVEPORT	LA:	52	65	75	91	152	61	71	81	91	125
SIOUX CITY	IA:	26	30	39	43	51	30	33	43	43	42
SIOUX FALLS	SD:	16	22	24	28	39	19	24	26	28	32
SOUTH BEND	IN:	51	56	75	95	119	59	62	82	95	98
SPOKANE	WA:	64	83	82	96	132	74	91	89	96	108
SPRINGFIELD	IL:	33	45	46	57	83	38	50	49	57	68
SPRINGFIELD	MO:	23	30	35	48	78	27	33	38	48	64
SPRINGFIELD	OH:	28	33	38	53	78	32	36	42	53	64
SPRINGFIELD-CHICO	MA:	102	126	155	178	211	119	138	168	178	173
STAMFORD	CT:	71	61	76	92	125	83	67	82	92	103
STEBENVILLE-WEIR	OH:	NA	41	48	54	72	NA	45	53	54	59
STOCKTON	CA:	50	62	82	104	128	58	68	89	104	106

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 38--CURRENT AND DEFLATED GROCERY STORE SALES BY SMSA, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		CURRENT					DEFLATED 2/				
		1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
MILLION DOLLARS											
SYRACUSE	NY:	93	147	184	222	308	108	161	199	222	254
TACOMA	WA:	62	81	82	121	155	72	89	88	121	127
TALLAHASSEE	FL:	NA	NA	NA	24	59	NA	NA	NA	24	48
TAMPA-ST PETERSBU	FL:	118	191	249	299	582	138	210	271	299	479
TERRE HAUTE	IN:	22	27	48	55	75	26	30	52	55	62
TEXARKANA	TX:	17	23	26	33	53	20	25	28	33	44
TOLEDO	OH:	105	133	191	239	356	122	146	207	239	293
TOPEKA	KS:	30	39	43	50	77	34	42	46	50	63
TRENTON	NJ:	58	72	78	102	152	67	79	85	102	125
TUCSON	AZ:	48	66	84	112	199	56	73	91	112	164
TULSA	OK:	67	108	127	166	272	78	119	137	166	223
TUSCALOOSA	AL:	15	21	28	35	54	18	24	31	35	44
TYLER	TX:	18	27	30	31	47	22	30	33	31	39
UTICA-ROME	NY:	69	81	99	117	138	81	89	107	117	114
VALLEJO-FAIRFIELD	CA:	NA	NA	58	78	113	NA	NA	63	78	93
VINELAND-MILLVILL	NJ:	NA	NA	NA	47	66	NA	NA	NA	47	55
WACO	TX:	33	38	42	50	72	38	41	46	50	59
WASHINGTON	DC:	426	563	682	941	1,367	497	619	740	941	1,124
WATERBURY	CT:	43	47	63	76	98	50	52	69	76	81
WATERLOO-CECDAR FA	IA:	24	32	33	43	56	28	35	36	43	46
WEST PALM BEACH-B	FL:	40	68	94	126	233	46	75	102	126	192
WHEELING	WV:	NA	51	56	64	87	NA	56	60	64	72
WHEELING-STEUBENV	WV:	80	NA	NA	NA	NA	93	NA	NA	NA	NA
WICHITA	KS:	72	98	109	132	163	84	107	119	132	134
WICHITA FALLS	TX:	25	29	32	36	46	29	32	35	36	38
WILKES BARRE-HAZL	PA:	76	89	95	113	NA	88	98	103	113	NA
WILLIAMSPORT	PA:	NA	NA	NA	NA	51	NA	NA	NA	NA	42
WILMINGTON	DE:	71	96	133	159	252	82	105	144	159	207
WILMINGTON	NC:	NA	NA	NA	34	63	NA	NA	NA	34	52
WINSTON SALEM	NC:	31	40	54	NA	NA	36	44	58	NA	NA
WORCESTER	MA:	66	78	102	123	175	76	86	111	123	144
YAKIMA	WA:	NA	NA	NA	NA	76	NA	NA	NA	NA	62
YORK	PA:	41	50	73	94	137	48	55	80	94	113
YOUNGSTOWN-WARREN	OH:	137	125	140	177	224	160	137	152	177	184
MEAN, UNWEIGHTED	:	136	137	164	198	261	123	150	178	198	215
STANDARD DEVIATION:	:	212	275	322	382	458	247	302	349	382	377
NUMBER											
NUMBER OF SMSA'S	:	212	215	218	229	263	212	215	218	229	263

1/ "NA" DENOTES THAT DATA ARE NOT AVAILABLE AND "D" DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

2/ DEFLATED BY THE CONSUMER PRICE INDEX, FOOD AT HOME, 1967=100. INDEX VALUES ARE 85.8, 91.0, 92.2, 100.0, AND 121.6 FOR 1954, 1958, 1963, 1967, AND 1972 RESPECTIVELY.

SOURCE: BUREAU OF THE CENSUS, CENSUS OF BUSINESS, AREA SERIES, U.S. GOVT. PRINT. OFF., FOR EACH OF THE CENSUS YEARS 1954-72.



TABLE 39--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE FOUR LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		-- NUMBER --				-- 1,000 DOLLARS --							
ABILENE	TX:	12	15	18	13	853	1,071	945	1,778	994	1,177	1,025	1,462
AKRON	OH:	51	52	76	144	966	1,509	1,404	1,152	1,126	1,658	1,522	948
ALBANY	GA:	8	6	6	6	763	1,144	1,590	3,081	889	1,257	1,725	2,534
ALBANY-SCHENECTAD	NY:	57	79	75	95	941	1,086	1,307	2,138	1,096	1,193	1,418	1,758
ALBUQUERQUE	NM:	20	26	33	42	1,061	1,493	1,488	2,301	1,237	1,640	1,614	1,892
ALEXANDRIA	LA:	NA	NA	NA	9	NA	NA	NA	2,727	NA	NA	NA	2,242
ALLENTOWN-BETHLEH	PA:	66	52	51	52	773	1,225	1,464	2,185	901	1,346	1,588	1,797
ALTOONA	PA:	22	20	21	22	828	949	1,176	1,468	965	1,043	1,276	1,207
APARILLO	TX:	22	26	25	23	776	945	1,056	2,035	905	1,038	1,146	1,673
ANAHEIM-SANTA ANA	CA:	28	42	58	94	1,205	1,861	2,218	3,407	1,405	2,045	2,406	2,802
ANCHORAGE	AK:	NA	NA	NA	10	NA	NA	NA	5,351	NA	NA	NA	4,401
ANDERSON	IN:	5	8	9	15	2,120	1,727	1,964	2,630	2,471	1,898	2,131	2,163
ANN ARBOR	MI:	18	15	20	22	1,114	1,680	1,745	3,927	1,298	1,847	1,893	3,230
APPLETON-OSHKOSH	WI:	NA	NA	NA	13	NA	NA	NA	2,250	NA	NA	NA	1,851
ASHEVILLE	NC:	14	16	17	33	D	1,292	1,527	1,732	D	1,419	1,656	1,424
ATLANTA	GA:	98	124	153	203	1,007	1,082	1,262	1,954	1,174	1,189	1,369	1,607
ATLANTIC CITY	NJ:	26	19	18	21	812	1,464	1,724	2,812	947	1,609	1,870	2,313
AUGUSTA	GA:	19	25	24	26	1,287	912	1,234	2,067	1,500	1,002	1,338	1,699
AUSTIN	TX:	20	27	24	28	815	827	1,084	3,095	950	909	1,176	2,545
BAKERSFIELD	CA:	18	21	22	24	1,159	1,249	1,510	2,503	1,350	1,372	1,638	2,059
BALTIMORE	MD:	132	129	154	146	1,121	1,603	1,621	3,614	1,307	1,762	1,758	2,972
BATON ROUGE	LA:	21	18	26	35	920	1,887	1,626	2,602	1,073	2,074	1,763	2,139
BATTLE CREEK	MI:	NA	NA	NA	15	NA	NA	NA	3,109	NA	NA	NA	2,557
BAY CITY	MI:	6	7	6	11	1,332	1,803	2,689	3,389	1,553	1,981	2,916	2,787
BEAUMONT-PORT ART	TX:	12	16	18	18	1,806	2,403	2,281	3,286	2,105	2,640	2,474	2,703
BILLINGS	MT:	7	7	9	10	1,227	1,532	1,537	2,165	1,430	1,684	1,667	1,780
BILOXI-GULFPORT	MS:	NA	NA	NA	22	NA	NA	NA	1,622	NA	NA	NA	1,334
BINGHAMTON	NY:	36	27	44	41	720	1,110	1,101	1,598	839	1,220	1,194	1,314
BIRMINGHAM	AL:	78	64	61	74	662	1,080	1,195	2,288	771	1,187	1,296	1,881
BLOOMINGTON-NORMA	IL:	NA	NA	NA	8	NA	NA	NA	2,830	NA	NA	NA	2,327
BOISE CITY	ID:	8	8	18	15	1,076	1,486	1,015	2,451	1,254	1,633	1,101	2,015
BOSTON	MA:	372	295	259	189	938	1,126	1,613	3,435	1,093	1,237	1,750	2,825
BRIDGEPORT	CT:	26	29	34	31	D	1,797	1,860	2,845	D	1,974	2,017	2,340
BRISTOL	CT:	NA	NA	NA	5	NA	NA	NA	3,426	NA	NA	NA	2,817
BROCKTON	MA:	20	16	18	16	813	1,538	1,780	3,319	947	1,690	1,931	2,730
BROWNSVILLE-HARLI	TX:	7	9	12	11	1,081	1,021	986	2,689	1,260	1,122	1,070	2,212
BRYAN-COLLEGE STA	TX:	NA	NA	NA	6	NA	NA	NA	3,136	NA	NA	NA	2,579
BUFFALO	NY:	147	137	126	114	1,061	1,399	1,380	1,875	1,236	1,537	1,497	1,542
BURLINGTON	NC:	NA	NA	NA	18	NA	NA	NA	1,481	NA	NA	NA	1,218
CANTON	OH:	17	21	22	22	1,293	1,564	1,537	2,513	1,507	1,719	1,667	2,066
CEDAR RAPIDS	IA:	10	13	20	22	1,150	1,731	1,341	2,627	1,341	1,902	1,455	2,160
CHAMPAIGN-URBANA-	IL:	15	14	12	15	863	1,285	1,568	2,535	1,006	1,412	1,700	2,085
CHARLESTON	SC:	10	17	17	14	1,062	940	1,099	2,846	1,238	1,033	1,192	2,340
CHARLESTON	WV:	34	23	24	27	1,158	1,823	1,698	2,452	1,350	2,003	1,842	2,016
CHARLOTTE-GASTONI	NC:	20	30	38	76	1,052	1,299	1,477	1,757	1,226	1,427	1,602	1,445
CHATTANOOGA	TN:	52	43	34	41	461	724	1,113	2,126	537	795	1,208	1,748
CHICAGO	IL:	629	682	714	587	954	1,246	1,413	2,975	1,112	1,369	1,533	2,447
CINCINNATI	OH:	115	98	114	90	943	1,470	1,583	3,057	1,099	1,615	1,717	2,514
CLEVELAND	OH:	176	178	209	326	1,033	1,422	1,537	1,493	1,204	1,563	1,667	1,227
COLORADO SPRINGS	CO:	12	19	19	52	1,186	1,087	1,531	1,214	1,382	1,195	1,661	998
COLUMBIA	MO:	NA	NA	NA	5	NA	NA	NA	3,142	NA	NA	NA	2,584
COLUMBIA	SC:	24	23	24	32	619	938	1,249	1,850	721	1,031	1,354	1,521
COLUMBUS	GA:	23	20	16	16	563	847	1,099	1,645	656	931	1,192	1,353
COLUMBUS	OH:	57	58	78	85	1,310	1,720	1,620	2,812	1,526	1,891	1,757	2,313
CORPUS CHRISTI	TX:	23	34	34	29	926	1,011	975	2,500	1,079	1,112	1,057	2,056
DALLAS	TX:	78	108	134	NA	1,411	1,343	1,296	NA	1,644	1,476	1,406	NA
DALLAS-FT WCRTH	TX:	NA	NA	NA	279	NA	NA	NA	1,954	NA	NA	NA	1,607

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 39--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE FOUR LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

		GROCERY STORES				SALES PER STORE							
SMSA						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		-- NUMBER --				-- 1,000 DOLLARS --							
DANBURY	CT:	NA	NA	NA	8	NA	NA	NA	4,741	NA	NA	NA	3,899
DAVENPORT-ROCK IS	IA:	30	30	41	33	994	1,275	1,265	3,217	1,158	1,401	1,372	2,645
DAYTON	OH:	57	60	64	63	1,015	1,324	1,501	2,423	1,183	1,454	1,628	1,999
DAYTONA BEACH	FL:	NA	NA	NA	50	NA	NA	NA	1,439	NA	NA	NA	1,184
DECATUR	IL:	9	10	12	12	1,627	2,238	1,852	3,249	1,896	2,459	2,009	2,672
DENVER-BOULDER	CO:	86	96	109	122	1,405	1,584	1,975	4,207	1,638	1,741	2,142	3,459
DES MOINES	IA:	25	24	23	28	834	1,303	1,302	3,898	973	1,432	1,412	3,205
DETROIT	MI:	245	278	337	228	1,311	1,820	1,721	4,517	1,528	2,000	1,866	3,715
DUBUQUE	IA:	7	7	12	8	1,022	1,502	1,209	3,467	1,191	1,650	1,311	2,851
DULUTH-SUPERIOR	MN:	26	24	21	22	690	1,044	1,219	1,943	805	1,147	1,322	1,598
DURHAM	NC:	15	12	15	NA	657	1,159	1,374	NA	766	1,274	1,490	NA
EL PASO	TX:	31	31	54	47	929	1,188	699	1,578	1,083	1,305	759	1,298
ELMIRA	NY:	NA	NA	NA	13	NA	NA	NA	1,825	NA	NA	NA	1,501
ERIE	PA:	24	31	29	28	1,129	1,177	1,201	1,867	1,316	1,293	1,302	1,536
EUGENE-SPRINGFIEL	OR:	18	24	27	24	832	898	1,359	2,121	969	987	1,474	1,744
EVANSVILLE	IN:	15	21	17	18	1,156	1,154	1,552	2,888	1,347	1,268	1,683	2,375
FALL RIVER	MA:	13	11	12	14	1,094	1,598	1,810	2,757	1,275	1,756	1,963	2,267
FARGO-MOORHEAD	ND:	11	6	9	11	659	1,695	1,541	2,393	768	1,862	1,671	1,968
FAYETTEVILLE	NC:	NA	NA	NA	28	NA	NA	NA	1,044	NA	NA	NA	858
FAYETTEVILLE-SPRI	AR:	NA	NA	NA	15	NA	NA	NA	1,886	NA	NA	NA	1,551
FITCHBURG-LEOMINS	MA:	NA	7	6	5	NA	1,375	1,850	4,320	NA	1,511	2,007	3,553
FLINT	MI:	28	33	41	35	1,368	1,641	1,772	3,377	1,594	1,803	1,922	2,777
FLORENCE	AL:	NA	NA	NA	12	NA	NA	NA	1,677	NA	NA	NA	1,379
FORT LAUDERDALE-H	FL:	21	40	51	87	1,567	1,675	1,911	3,336	1,826	1,841	2,073	2,743
FT MYERS	FL:	NA	NA	NA	16	NA	NA	NA	2,770	NA	NA	NA	2,278
FT SMITH	AR:	6	7	6	14	1,079	1,355	2,133	2,053	1,257	1,489	2,314	1,688
FT WAYNE	IN:	15	18	17	29	1,295	2,031	2,228	3,039	1,509	2,232	2,417	2,499
FT WORTH	TX:	47	69	54	NA	1,304	1,121	1,318	NA	1,520	1,232	1,429	NA
FRESNO	CA:	25	27	21	26	746	1,073	1,444	2,079	870	1,179	1,566	1,710
GADSDEN	AL:	7	10	10	9	991	933	899	2,100	1,156	1,026	975	1,727
GAINESVILLE	FL:	NA	NA	NA	36	NA	NA	NA	1,024	NA	NA	NA	842
GALVESTON-TEXAS C	TX:	9	10	10	17	878	1,500	1,926	2,109	1,023	1,648	2,089	1,734
GARY-HAMMOND-EAST	IN:	42	45	39	35	1,063	1,221	1,395	3,121	1,239	1,342	1,513	2,566
GRAND RAPIDS	MI:	32	38	45	27	999	1,135	1,468	8,240	1,165	1,247	1,592	6,776
GREAT FALLS	MT:	7	11	14	10	1,035	1,108	1,434	2,386	1,207	1,217	1,556	1,962
GREEN BAY	WI:	13	18	20	23	985	988	1,021	1,940	1,148	1,085	1,107	1,595
GREENSBORO-HIGH P	NC:	22	23	30	NA	949	1,165	1,194	NA	1,106	1,280	1,295	NA
GREENSBORO-WINSTO	NC:	NA	NA	NA	67	NA	NA	NA	1,769	NA	NA	NA	1,455
GREENVILLE-SPARTA	SC:	21	22	24	61	908	1,286	1,786	2,442	1,058	1,413	1,937	2,008
HAMILTON-MIDDLETO	OH:	12	17	18	20	1,171	1,595	1,612	2,564	1,364	1,753	1,749	2,108
HARRISBURG	PA:	44	33	40	40	707	1,246	1,324	2,502	824	1,369	1,436	2,058
HARTFORD	CT:	44	54	68	57	D	1,383	1,426	2,363	D	1,519	1,546	1,943
HONOLULU	HI:	10	22	24	37	2,159	1,823	2,490	4,070	2,516	2,003	2,701	3,347
HOUSTON	TX:	54	60	86	145	1,796	2,118	1,822	2,578	2,093	2,327	1,976	2,120
HUNTINGTON-ASHLAN	WV:	16	17	18	15	1,263	1,834	1,575	2,692	1,472	2,016	1,708	2,214
HUNTSVILLE	AL:	7	8	11	29	828	1,253	2,377	1,934	965	1,377	2,578	1,590
INDIANAPOLIS	IN:	60	80	105	131	1,149	1,249	1,535	1,942	1,339	1,373	1,665	1,597
JACKSON	MI:	13	12	13	15	962	1,513	1,635	2,861	1,121	1,662	1,773	2,353
JACKSON	MS:	20	20	28	34	846	1,178	1,152	2,086	986	1,295	1,249	1,715
JACKSONVILLE	FL:	36	58	67	79	1,440	1,283	1,310	1,997	1,678	1,410	1,420	1,642
JERSEY CITY	NJ:	66	62	57	33	986	1,103	1,201	2,746	1,149	1,212	1,303	2,258
JOHNSTOWN	PA:	46	33	41	36	D	1,053	980	1,524	D	1,157	1,063	1,253
KALAMAZOO-PCRTAGE	MI:	12	21	29	30	875	1,006	1,004	2,938	1,020	1,106	1,089	2,416
KANSAS CITY	MO:	102	118	119	129	1,047	1,244	1,397	2,248	1,220	1,368	1,515	1,849
KENOSHA	WI:	9	7	10	12	956	1,386	1,444	2,288	1,114	1,523	1,566	1,882
KILLEEN-TEMPLE	TX:	NA	NA	NA	14	NA	NA	NA	1,747	NA	NA	NA	1,437
KINGSPORT-BRISTOL	TN:	NA	NA	NA	20	NA	NA	NA	1,801	NA	NA	NA	1,481

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 39--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE FOUR LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954:	1958:	1963:	1972:	1954:	1958:	1963:	1972:	1954:	1958:	1963:	1972:
		-- NUMBER --				-- 1,000 DOLLARS --							
KNOXVILLE	TN:	48	46	47	55	801	1,067	1,344	1,895	933	1,172	1,458	1,558
LA CROSSE	WI:	NA	NA	NA	6	NA	NA	NA	2,696	NA	NA	NA	2,217
LAFAYETTE	LA:	3	6	10	11	1,060	1,194	1,009	2,011	1,235	1,312	1,095	1,654
LAFAYETTE-WEST LA	IN:	NA	NA	NA	9	NA	NA	NA	3,924	NA	NA	NA	3,227
LAKE CHARLES	LA:	5	8	9	21	1,331	1,648	1,423	1,417	1,551	1,811	1,543	1,165
LAKELAND-WINTER H	FL:	NA	NA	NA	29	NA	NA	NA	2,606	NA	NA	NA	2,143
LANCASTER	PA:	22	23	23	23	803	1,059	1,375	2,456	936	1,163	1,492	2,020
LANSING-EAST LANS	MI:	23	33	32	18	1,032	874	996	4,249	1,203	960	1,081	3,494
LAREDO	TX:	7	4	5	11	764	1,508	1,289	2,151	890	1,657	1,398	1,769
LAS VEGAS	NV:	6	9	11	21	2,130	2,078	3,559	4,634	2,482	2,283	3,860	3,810
LAWRENCE-HAVERHIL	MA:	13	18	17	19	760	1,287	1,624	3,636	885	1,414	1,762	2,990
LAWTON	OK:	6	6	10	10	1,188	1,114	922	1,792	1,385	1,224	1,000	1,474
LEWISTON-AUBURN	ME:	NA	6	5	9	NA	1,051	1,560	2,720	NA	1,155	1,692	2,237
LEXINGTON	KY:	10	11	15	33	1,107	1,651	1,820	2,285	1,291	1,814	1,974	1,879
LIMA	OH:	7	11	15	21	1,594	1,379	1,435	2,126	1,858	1,515	1,557	1,748
LINCOLN	NE:	10	13	17	15	1,031	1,363	1,294	2,437	1,201	1,498	1,404	2,004
LITTLE ROCK-NORTH	AR:	28	28	26	42	833	D	1,428	2,121	970	D	1,548	1,744
LONG BRANCH-ASBUR	NJ:	NA	NA	NA	42	NA	NA	NA	3,382	NA	NA	NA	2,782
LORAIN-ELYRIA	OH:	19	22	22	19	964	1,294	1,467	2,505	1,124	1,422	1,592	2,060
LOS ANGELES-LONG	CA:	293	250	283	286	1,396	1,811	2,333	4,081	1,627	1,990	2,530	3,356
LOUISVILLE	KY:	66	69	83	84	1,163	1,509	1,547	2,486	1,355	1,659	1,678	2,045
LOWELL	MA:	16	13	7	18	724	1,080	2,673	3,567	844	1,187	2,899	2,933
LUBBOCK	TX:	19	17	22	32	951	1,371	1,516	1,772	1,109	1,507	1,644	1,457
LYNCHBURG	VA:	11	8	12	13	700	1,241	1,148	2,071	816	1,364	1,245	1,703
MACON	GA:	18	23	19	25	672	723	1,274	2,076	783	794	1,382	1,707
MADISON	WI:	19	18	17	30	861	1,171	1,458	2,036	1,003	1,286	1,581	1,675
MANCHESTER	NH:	14	9	8	8	732	1,537	2,060	3,135	853	1,689	2,235	2,578
MANSFIELD	OH:	NA	NA	NA	5	NA	NA	NA	5,733	NA	NA	NA	4,714
MCCALLEN-PHARR-EDI	TX:	NA	NA	NA	16	NA	NA	NA	1,639	NA	NA	NA	1,348
MELBOURNE-TITUSVI	FL:	NA	NA	NA	40	NA	NA	NA	2,207	NA	NA	NA	1,815
MEMPHIS	TN:	23	37	31	91	1,272	1,336	1,717	1,656	1,483	1,468	1,863	1,362
MERIDEN	CT:	7	5	5	5	893	1,647	1,859	3,531	1,041	1,809	2,016	2,903
MIAMI	FL:	64	98	115	153	1,679	1,699	1,635	2,778	1,957	1,867	1,774	2,284
MIDLAND	TX:	8	9	9	9	921	1,144	1,385	1,981	1,073	1,258	1,503	1,629
MILWAUKEE	WI:	85	106	117	127	1,074	1,335	1,241	2,699	1,252	1,467	1,346	2,219
MINNEAPOLIS-ST PA	MN:	91	129	112	116	932	1,061	1,547	2,868	1,086	1,166	1,678	2,358
MOBILE	AL:	23	30	39	35	1,090	1,139	1,182	2,064	1,270	1,252	1,282	1,697
MODESTO	CA:	NA	NA	NA	18	NA	NA	NA	2,506	NA	NA	NA	2,061
MONROE	LA:	7	12	22	45	879	657	623	706	1,025	722	676	581
MONTGOMERY	AL:	11	19	25	37	1,288	1,102	1,086	1,443	1,501	1,211	1,178	1,187
MUNCIE	IN:	8	14	7	18	1,172	1,247	1,834	2,008	1,366	1,371	1,989	1,651
MUSKEGON-MUSKEGON	MI:	16	18	17	11	898	1,100	1,527	5,088	1,046	1,209	1,656	4,184
NASHUA	NH:	NA	NA	NA	5	NA	NA	NA	6,398	NA	NA	NA	5,261
NASHVILLE-DAVIDSO	TN:	64	56	62	70	630	1,258	1,155	2,341	734	1,383	1,253	1,925
NASSAU-SUFFOLK	NY:	NA	NA	NA	191	NA	NA	NA	3,401	NA	NA	NA	2,797
NEW BEDFORD	MA:	13	15	12	15	1,025	1,108	1,522	2,688	1,195	1,218	1,651	2,210
NEW BRITAIN	CT:	18	9	10	8	1,069	1,826	2,005	3,760	1,246	2,007	2,174	3,092
NEW BRUNSWICK-PER	NJ:	NA	NA	NA	29	NA	NA	NA	4,743	NA	NA	NA	3,900
NEW HAVEN-WEST HA	CT:	25	30	36	30	1,007	1,228	1,505	3,522	1,174	1,350	1,632	2,896
NEW LONDON-NORWIC	CT:	NA	NA	22	27	NA	NA	1,446	2,281	NA	NA	1,568	1,876
NEW ORLEANS	LA:	21	43	58	80	2,324	2,499	2,393	4,281	2,709	2,746	2,595	3,521
NEW YORK	NY:	778	809	915	512	1,048	1,197	1,167	2,399	1,222	1,316	1,266	1,973
NEWARK	NJ:	198	166	146	145	952	1,274	1,371	2,943	1,110	1,400	1,487	2,420
NEWPORT NEWS-HAMP	VA:	21	24	31	46	1,152	1,348	1,195	1,700	1,343	1,481	1,296	1,398
NORFOLK-VIRGINIA	VA:	49	47	53	89	1,072	1,201	1,323	1,576	1,249	1,319	1,434	1,296
NORTHEAST PENNSYL	PA:	NA	NA	NA	83	NA	NA	NA	1,849	NA	NA	NA	1,520
NORWALK	CT:	NA	NA	16	10	NA	NA	1,624	3,817	NA	NA	1,761	3,139

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 39--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE FOUR LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		-- NUMBER --				-- 1,000 DOLLARS --							
ODESSA	TX:	8	12	13	13	1,223	1,232	1,212	1,578	1,425	1,353	1,314	1,298
OGDEN	UT:	16	13	12	NA	733	1,353	1,812	NA	855	1,487	1,965	NA
OKLAHOMA CITY	OK:	35	40	47	72	1,030	1,251	1,466	1,713	1,201	1,374	1,590	1,408
OMAHA	NE:	44	56	51	57	789	912	1,398	2,442	920	1,002	1,517	2,009
ORLANDO	FL:	24	31	47	58	1,071	1,499	1,532	2,719	1,249	1,647	1,662	2,236
OWENSBORO	KY:	NA	NA	NA	7	NA	NA	NA	2,956	NA	NA	NA	2,431
OXNARD-SIMI VALLE	CA:	NA	NA	NA	28	NA	NA	NA	3,074	NA	NA	NA	2,528
PARKERSBURG-MARIE	WV:	NA	NA	NA	14	NA	NA	NA	2,282	NA	NA	NA	1,877
PATERSON-CLIFTON	NJ:	128	123	126	32	1,208	1,494	1,491	3,148	1,408	1,642	1,618	2,589
PENSACOLA	FL:	9	13	20	22	1,304	1,675	1,153	2,010	1,520	1,840	1,251	1,653
PEORIA	IL:	26	28	31	25	883	1,226	1,148	2,315	1,029	1,348	1,245	1,904
PETERSBURG-COLONI	VA:	NA	NA	NA	14	NA	NA	NA	2,172	NA	NA	NA	1,786
PHILADELPHIA	PA:	491	360	400	381	863	1,675	1,818	3,023	1,005	1,841	1,971	2,486
PHOENIX	AZ:	43	46	70	80	1,135	1,551	1,523	3,396	1,323	1,705	1,652	2,793
PINE BLUFF	AR:	7	8	6	12	936	1,003	1,463	1,837	1,091	1,102	1,587	1,511
PITTSBURGH	PA:	210	230	221	221	1,100	1,458	1,579	1,839	1,282	1,603	1,713	1,512
PITTSFIELD	MA:	11	10	10	6	996	1,383	2,060	4,932	1,161	1,519	2,234	4,056
PORTLAND	ME:	17	17	20	16	849	1,008	1,193	3,283	990	1,107	1,294	2,700
PORTLAND	OR:	62	79	83	93	1,242	1,314	1,043	3,425	1,447	1,444	1,131	2,816
POUGHKEEPSIE	NY:	NA	NA	NA	39	NA	NA	NA	2,338	NA	NA	NA	1,923
PROVIDENCE-WARVIC	RI:	115	93	92	67	657	1,059	1,343	3,353	765	1,164	1,457	2,757
PROVO-OREM	UT:	8	9	12	12	805	891	1,060	2,010	938	979	1,150	1,653
PUEBLO	CO:	12	10	13	13	1,011	1,519	1,593	2,944	1,179	1,669	1,684	2,421
RACINE	WI:	12	11	14	14	820	1,977	1,539	2,822	955	2,172	1,669	2,320
RALEIGH	NC:	16	15	22	NA	806	1,543	1,353	NA	940	1,695	1,467	NA
RALEIGH-DURHAM	NC:	NA	NA	NA	63	NA	NA	NA	2,155	NA	NA	NA	1,773
READING	PA:	47	39	27	21	538	646	1,260	2,487	627	710	1,367	2,046
RENO	NV:	6	11	12	15	1,256	1,373	2,451	3,402	1,464	1,509	2,659	2,798
RICHLAND-KINNEWIC	WA:	NA	NA	NA	14	NA	NA	NA	1,907	NA	NA	NA	1,568
RICHMOND	VA:	47	46	57	51	874	1,168	1,124	2,418	1,019	1,283	1,219	1,989
RIVERSIDE-SAN BER	CA:	31	42	54	85	1,353	2,019	2,014	2,950	1,577	2,218	2,184	2,426
ROANOKE	VA:	16	19	21	20	1,064	1,333	1,545	3,358	1,240	1,465	1,676	2,761
ROCHESTER	MN:	NA	NA	NA	8	NA	NA	NA	2,693	NA	NA	NA	2,215
ROCHESTER	NY:	110	98	118	99	653	1,034	1,116	2,875	762	1,137	1,210	2,364
ROCKFORD	IL:	18	21	25	20	918	1,365	1,226	3,198	1,070	1,500	1,330	2,630
SACRAMENTO	CA:	43	50	72	61	1,036	1,228	1,229	3,397	1,207	1,350	1,333	2,794
SAGINAW	MI:	7	8	14	19	1,422	2,105	1,899	3,380	1,658	2,313	2,060	2,780
ST CLOUD	MN:	NA	NA	NA	7	NA	NA	NA	2,700	NA	NA	NA	2,221
ST JOSEPH	MO:	10	11	12	13	962	1,091	1,240	1,753	1,121	1,199	1,345	1,441
ST LOUIS	MO:	151	157	173	180	1,013	1,502	1,599	2,677	1,181	1,651	1,734	2,202
SALEM	OR:	NA	NA	NA	18	NA	NA	NA	2,826	NA	NA	NA	2,324
SALINAS-SEASIDE-M	CA:	NA	NA	NA	14	NA	NA	NA	3,836	NA	NA	NA	3,155
SALT LAKE CITY	UT:	30	38	50	NA	876	1,071	1,410	NA	1,021	1,177	1,529	NA
SALT LAKE CITY-OG	UT:	NA	NA	NA	73	NA	NA	NA	2,517	NA	NA	NA	2,070
SAN ANGELO	TX:	12	11	9	10	977	1,098	1,330	2,089	1,139	1,207	1,442	1,718
SAN ANTONIO	TX:	70	58	68	136	840	1,323	1,384	1,446	979	1,454	1,501	1,189
SAN DIEGO	CA:	56	53	83	104	1,222	1,881	1,750	3,200	1,425	2,067	1,898	2,632
SAN FRANCISCO-OAK	CA:	200	198	185	217	811	1,111	1,727	3,417	945	1,221	1,873	2,810
SAN JOSE	CA:	29	36	56	84	1,027	1,390	1,502	3,150	1,196	1,528	1,629	2,590
SANTA BARBARA-SAN	CA:	17	14	21	32	832	1,318	1,809	2,370	970	1,449	1,962	1,949
SANTA CRUZ	CA:	NA	NA	NA	10	NA	NA	NA	3,816	NA	NA	NA	3,138
SANTA ROSA	CA:	NA	NA	NA	19	NA	NA	NA	3,415	NA	NA	NA	2,808
SARASOTA	FL:	NA	NA	NA	18	NA	NA	NA	3,304	NA	NA	NA	2,717
SAVANNAH	GA:	12	10	10	13	896	1,258	1,629	3,011	1,044	1,383	1,767	2,476
SCRANTON	PA:	50	35	28	NA	542	936	1,182	NA	631	1,028	1,282	NA
SEATTLE-EVERETT	WA:	64	106	118	138	1,136	1,210	1,365	2,549	1,324	1,330	1,481	2,096
SHERMAN-DENISON	TX:	NA	NA	NA	19	NA	NA	NA	1,064	NA	NA	NA	875

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 39--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE FOUR LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
SHREVEPORT	LA:	32	36	47	81	795	1,031	864	851	927	1,133	937	700
SIoux CITY	IA:	22	18	18	14	504	774	961	1,663	588	850	1,042	1,368
SIoux FALLS	SD:	14	13	15	16	766	1,053	1,125	1,943	892	1,158	1,220	1,598
SOUTH BEND	IN:	16	21	22	21	1,305	1,250	1,518	2,689	1,520	1,373	1,646	2,211
SPOKANE	WA:	21	25	34	35	1,162	1,562	1,313	2,347	1,354	1,717	1,424	1,930
SPRINGFIELD	IL:	13	15	15	16	1,176	1,564	1,433	2,881	1,371	1,719	1,554	2,369
SPRINGFIELD	MO:	11	13	14	25	965	1,153	1,359	1,829	1,125	1,267	1,474	1,504
SPRINGFIELD	OH:	32	18	13	26	439	1,084	1,465	1,323	512	1,191	1,589	1,088
SPRINGFIELD-CHICO	MA:	44	51	50	37	1,044	1,120	1,348	2,677	1,216	1,230	1,462	2,201
STAMFORD	CT:	31	23	22	24	1,234	1,581	1,578	2,260	1,438	1,737	1,711	1,859
STEBENVILLE-WEIR	OH:	NA	16	13	10	NA	1,513	2,056	3,119	NA	1,663	2,230	2,565
STOCKTON	CA:	16	14	18	21	743	1,120	1,188	2,074	866	1,231	1,288	1,706
SYRACUSE	NY:	39	62	73	46	939	1,010	1,012	2,006	1,094	1,110	1,098	1,650
TACOMA	WA:	22	25	27	35	948	1,281	1,247	2,167	1,105	1,408	1,352	1,782
TALLAHASSEE	FL:	NA	NA	NA	35	NA	NA	NA	1,184	NA	NA	NA	974
TAMPA-ST PETERSBU	FL:	44	60	86	130	1,372	1,924	1,807	2,844	1,599	2,114	1,960	2,339
TERRE HAUTE	IN:	13	9	17	10	1,040	1,835	1,479	4,214	1,213	2,016	1,604	3,465
TEXARKANA	TX:	6	15	8	14	774	727	1,326	1,558	902	799	1,438	1,281
TOLEDO	OH:	39	41	67	90	1,288	1,701	1,690	2,177	1,501	1,870	1,833	1,790
TOPEKA	KS:	10	12	12	19	931	1,048	1,151	1,438	1,084	1,152	1,248	1,183
TRENTON	NJ:	34	24	21	26	1,085	1,829	2,235	2,939	1,264	2,010	2,424	2,417
TUCSON	AZ:	16	19	26	103	1,613	1,916	1,573	886	1,879	2,106	1,706	729
TULSA	OK:	24	35	42	57	1,260	1,435	1,442	2,502	1,469	1,577	1,564	2,057
TUSCALOOSA	AL:	7	7	11	18	781	1,277	1,011	1,951	911	1,404	1,097	1,604
TYLER	TX:	12	10	13	16	615	1,278	1,415	1,968	717	1,404	1,535	1,619
UTICA-ROME	NY:	38	37	38	35	685	927	999	1,556	798	1,019	1,084	1,280
VALLEJO-FAIRFIELD	CA:	NA	NA	15	18	NA	NA	1,426	3,109	NA	NA	1,547	2,557
VINELAND-MILLVILL	NJ:	NA	NA	NA	12	NA	NA	NA	3,443	NA	NA	NA	2,831
WACO	TX:	22	19	30	39	634	998	690	1,138	739	1,097	749	936
WASHINGTON	DC:	195	216	253	305	1,225	1,556	1,814	3,420	1,428	1,710	1,968	2,813
WATERBURY	CT:	29	23	16	13	575	823	1,827	3,541	671	904	1,982	2,912
WATERLOO-CEDAR FA	IA:	10	10	13	13	1,025	1,234	1,105	2,814	1,195	1,356	1,199	2,314
WEST PALM BEACH-B	FL:	19	27	42	44	1,334	1,549	1,486	3,431	1,555	1,702	1,612	2,822
WHEELING	WV:	NA	35	27	16	NA	825	1,169	2,519	NA	907	1,268	2,072
WHEELING-STEUBENV	WV:	50	NA	NA	NA	748	NA	NA	NA	871	NA	NA	NA
WICHITA	KS:	40	43	46	41	954	1,079	998	1,613	1,112	1,185	1,082	1,327
WICHITA FALLS	TX:	12	13	18	21	1,093	1,193	1,018	1,447	1,274	1,311	1,104	1,190
WILKES BARRE-HAZL	PA:	51	45	44	NA	729	1,087	1,207	NA	850	1,194	1,309	NA
WILLIAMSPORT	PA:	NA	NA	NA	19	NA	NA	NA	1,989	NA	NA	NA	1,635
WILMINGTON	DE:	45	39	50	55	937	1,567	1,754	2,926	1,092	1,722	1,902	2,406
WILMINGTON	NC:	NA	NA	NA	19	NA	NA	NA	1,724	NA	NA	NA	1,418
WINSTON SALEM	NC:	14	12	17	NA	864	1,533	1,552	NA	1,007	1,685	1,683	NA
WORCESTER	MA:	23	28	25	22	1,204	1,109	1,106	2,624	1,404	1,218	1,199	2,158
YAKIMA	WA:	NA	NA	NA	16	NA	NA	NA	2,116	NA	NA	NA	1,740
YORK	PA:	18	19	22	21	822	1,200	1,480	2,905	958	1,319	1,605	2,389
YOUNGSTOWN-WARREN	OH:	53	52	60	23	1,140	1,203	1,208	3,122	1,329	1,322	1,310	2,568
MEAN, WEIGHTED	:	N	N	N	N	1,019	1,342	1,478	2,605	1,187	1,474	1,603	2,142
MEAN, UNWEIGHTED	:	46	47	52	50	1,026	1,329	1,473	2,609	1,196	1,461	1,597	2,145
STANDARD DEVIATION:	:	87	85	93	72	292	327	381	940	340	359	413	773
		NUMBER											
NUMBER OF SMSA'S	:	212	215	218	263	208	214	218	263	208	214	218	263

1/ 1967 DATA NOT AVAILABLE FOR THE 5TH-8TH LARGEST GROCERY FIRMS. "D" DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. "NA" DENOTES THAT DATA ARE NOT AVAILABLE BECAUSE AN SMSA WAS NOT DEFINED.

2/ DEFLATED BY THE CONSUMER PRICE INDEX, FOOD AT HOME, 1967 = 100. INDEX VALUES ARE 85.8, 91.0, 92.2, AND 121.6 FOR 1954, 1958, 1963, AND 1972 RESPECTIVELY.

SOURCES: BUREAU OF THE CENSUS, CENSUS OF BUSINESS, AREA SERIES, U.S. GOV. PRINT. OFF., FOR EACH OF THE CENSUS YEARS 1954-72 AND SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.



Table 40--Number of stores and sales per store of four largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/

Item	Grocery stores										Sales per store									
	1954					1963					Actual					Deflated 2/				
	1954	1958	1963	1972		1954	1958	1963	1972		1954	1958	1963	1972		1954	1958	1963	1972	
SMSA's with 1 million or more population																				
----- Number ----- 1,000 dollars -----																				
Mean, weighted	--	--	--	--		1,076	1,418	1,567	2,882		1,254	1,559	1,700	2,370						
Mean, unweighted	168	172	190	189		1,189	1,527	1,638	2,942		1,386	1,678	1,776	2,419						
Standard deviation	174	169	183	118		298	335	309	723		347	368	335	595						
Number of SMSA's	32	32	32	34		32	32	32	34		32	32	32	34						
SMSA's with 300,000 - 999,999 population																				
----- Number ----- 1,000 dollars -----																				
Mean, weighted	--	--	--	--		995	1,269	1,373	2,364		1,113	1,394	1,489	1,944						
Mean, unweighted	38	40	46	51		1,021	1,306	1,410	2,588		1,190	1,436	1,529	2,128						
Standard deviation	23	20	22	27		285	306	322	989		332	336	349	813						
Number of SMSA's	67	68	69	76		67	68	69	76		67	68	69	76						
SMSA's with 150,000 - 299,999 population																				
----- Number ----- 1,000 dollars -----																				
Mean, weighted	--	--	--	--		938	1,235	1,439	2,354		1,093	1,358	1,560	1,936						
Mean, unweighted	17	18	19	23		998	1,306	1,526	2,506		1,164	1,435	1,655	2,061						
Standard deviation	8	7	7	9		276	329	419	777		322	362	454	639						
Number of SMSA's	55	59	61	76		55	59	61	76		55	59	61	76						
SMSA's with less than 150,000 population																				
----- Number ----- 1,000 dollars -----																				
Mean, weighted	--	--	--	--		922	1,212	1,297	2,212		1,075	1,332	1,407	1,819						
Mean, unweighted	10	10	12	13		985	1,275	1,404	2,584		1,149	1,401	1,523	2,125						
Standard deviation	5	4	5	7		280	318	436	1,079		327	350	473	887						
Number of SMSA's	43	45	46	77		43	45	46	77		43	45	46	77						

See footnotes at end of table.

Continued---



Table 40--Number of stores and sales per store of four largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/—Continued

Item	Sales per store									
	Grocery stores					Actual				
	1954	1958	1963	1972		1954	1958	1963	1972	Deflated 2/ 1954 : 1958 : 1963 : 1972
<u>SMSA's in the Northeastern region</u>										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		936	1,268	1,397	2,668	1,091 1,394 1,516 2,194
Mean, unweighted	87	74	74	56		888	1,251	1,507	2,914	1,036 1,375 1,634 2,397
Standard deviation	147	133	144	90		185	270	351	936	216 297 381 769
Number of SMSA's	40	45	47	56		40	45	47	56	40 45 47 56
<u>SMSA's in the North Central region</u>										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		1,031	1,359	1,476	2,685	1,201 1,494 1,601 2,208
Mean, unweighted	45	49	55	49		1,053	1,384	1,475	2,843	1,228 1,520 1,599 2,338
Standard deviation	88	95	103	86		262	313	307	1,057	305 344 333 869
Number of SMSA's	59	60	60	69		59	60	60	69	59 60 60 69
<u>SMSA's in the Southern region</u>										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		1,058	1,354	1,436	2,270	1,233 1,488 1,558 1,867
Mean, unweighted	29	32	38	45		1,027	1,294	1,378	2,153	1,197 1,422 1,494 1,771
Standard deviation	30	33	40	51		311	351	356	654	362 386 386 538
Number of SMSA's	78	78	79	98		78	78	79	98	78 78 79 98
<u>SMSA's in the Western region</u>										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		1,154	1,460	1,733	3,085	1,345 1,604 1,880 2,537
Mean, unweighted	40	44	50	53		1,147	1,426	1,653	2,894	1,337 1,567 1,793 2,380
Standard deviation	59	54	57	58		337	321	511	888	393 353 554 731
Number of SMSA's	31	31	32	40		31	31	32	40	31 31 32 40

See footnotes at end of table.

Continued--

Table 40--Number of stores and sales per store of four largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/--Continued

Item	Grocery stores										Sales per store									
						Actual					Deflated 2/									
	1954	1958	1963	1972		1954	1958	1963	1972		1954	1958	1963	1972						
SMSA's with 1972 four-firm concentration ratios of 60 percent or over																				
	Number					1,000 dollars					1,000 dollars									
Mean, weighted	--	--	--	--		1,106	1,442	1,595	2,795	1,289	1,585	1,730	2,299							
Mean, unweighted	23	26	31	36		1,052	1,386	1,548	2,772	1,226	1,523	1,679	2,280							
Standard deviation	29	33	39	44		279	276	380	1,093	325	303	412	899							
Number of SMSA's	49	50	51	64		49	50	51	64	49	50	51	64							
SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent																				
	Number					1,000 dollars					1,000 dollars									
Mean, weighted	--	--	--	--		986	1,370	1,474	2,532	1,149	1,505	1,599	2,083							
Mean, unweighted	52	53	59	55		1,081	1,391	1,493	2,697	1,260	1,529	1,619	2,218							
Standard deviation	102	98	104	86		333	355	441	997	388	390	478	820							
Number of SMSA's	59	60	62	82		59	60	62	82	59	60	62	82							
SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent																				
	Number					1,000 dollars					1,000 dollars									
Mean, weighted	--	--	--	--		978	1,297	1,480	2,581	1,140	1,425	1,605	2,122							
Mean, unweighted	50	49	52	50		970	1,248	1,422	2,480	1,131	1,372	1,542	2,039							
Standard deviation	65	60	60	57		238	305	321	798	278	335	348	657							
Number of SMSA's	68	73	74	93		68	73	74	93	68	73	74	93							
SMSA's with 1972 four-firm concentration ratios less than 40 percent																				
	Number					1,000 dollars					1,000 dollars									
Mean, weighted	--	--	--	--		1,119	1,338	1,418	2,603	1,304	1,471	1,538	2,141							
Mean, unweighted	80	81	89	66		1,070	1,343	1,457	2,374	1,247	1,475	1,581	1,952							
Standard deviation	168	171	194	110		315	397	416	638	368	436	451	525							
Number of SMSA's	21	21	21	24		21	21	21	24	21	21	21	24							

-- = Not applicable. 1/ 1967 data not available for the four largest grocery firms. 2/ Deflated by the Consumer Price Index, Food at Home, 1967 = 100. Index values are 85.8, 91.0, 92.2, and 121.6 for 1954, 1958, 1963, and 1972 respectively. Sources: Tables 13 and 39 and appendix A.

TABLE 41--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 5TH-8TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		-- NUMBER --				-- 1,000 DOLLARS --							
ABILENE	TX:	4	11	5	16	512	302	875	653	597	332	949	537
AKRON	OH:	11	14	9	30	623	906	1,739	1,814	727	996	1,886	1,492
ALBANY	GA:	5	4	7	19	397	482	378	480	462	530	410	395
ALBANY-SCHENECTAD	NY:	19	11	20	18	826	1,220	1,014	2,466	963	1,341	1,100	2,028
ALBUQUERQUE	NM:	10	9	12	87	531	828	315	299	619	910	342	246
ALEXANDRIA	LA:	NA	NA	NA	14	NA	NA	NA	329	NA	NA	NA	271
ALLEN-TOWN-BETHLEH	PA:	4	6	4	5	1,053	1,205	2,161	6,317	1,227	1,324	2,344	5,195
ALTOONA	PA:	4	4	5	15	203	236	966	702	236	259	1,048	578
AMARILLO	TX:	5	6	6	39	537	404	572	371	626	444	620	305
ANAHEIM-SANTA ANA	CA:	6	16	33	59	2,061	1,657	1,679	2,857	2,402	1,821	1,821	2,350
ANCHORAGE	AK:	NA	NA	NA	7	NA	NA	NA	1,536	NA	NA	NA	1,263
ANDERSON	IN:	8	7	8	4	674	1,306	1,129	2,534	786	1,435	1,225	2,084
ANN ARBOR	MI:	4	4	4	7	641	839	1,423	2,927	747	922	1,543	2,407
APPLETON-OSHKOSH	WI:	NA	NA	NA	9	NA	NA	NA	1,811	NA	NA	NA	1,489
ASHEVILLE	NC:	5	4	12	4	D	455	228	1,855	D	500	248	1,525
ATLANTA	GA:	10	19	45	218	1,157	742	464	460	1,348	815	503	378
ATLANTIC CITY	NJ:	4	4	4	16	539	800	2,068	695	628	879	2,242	571
AUGUSTA	GA:	7	6	10	13	739	924	443	1,691	861	1,015	481	1,391
AUSTIN	TX:	18	24	45	45	325	351	203	700	379	386	220	576
BAKERSFIELD	CA:	7	6	8	4	793	1,174	1,193	3,905	925	1,290	1,294	3,211
BALTIMORE	MD:	8	9	15	93	909	2,523	2,283	1,050	1,059	2,772	2,477	864
BATON ROUGE	LA:	5	13	19	57	475	377	385	523	553	414	417	430
BATTLE CREEK	MI:	NA	NA	NA	8	NA	NA	NA	D	NA	NA	NA	D
BAY CITY	MI:	4	5	7	9	439	732	647	794	512	805	702	653
BEAUMONT-PORT ART	TX:	15	6	6	21	295	884	1,138	1,002	344	971	1,234	824
BILLINGS	MT:	4	4	4	2	585	927	980	D	682	1,018	1,062	D
BILOXI-GULFPORT	MS:	NA	NA	NA	32	NA	NA	NA	416	NA	NA	NA	342
BINGHAMTON	NY:	6	12	18	21	827	775	824	1,897	963	851	894	1,560
BIRMINGHAM	AL:	4	10	12	44	1,520	1,472	1,694	856	1,772	1,617	1,837	704
BLOOMINGTON-NORMA	IL:	NA	NA	NA	4	NA	NA	NA	1,553	NA	NA	NA	1,277
BOISE CITY	ID:	4	4	4	27	583	1,079	733	326	679	1,186	795	268
BOSTON	MA:	36	27	36	92	1,263	2,823	2,421	2,028	1,472	3,102	2,626	1,668
BRIDGEPORT	CT:	6	6	5	9	D	1,259	3,712	5,820	D	1,383	4,026	4,786
BRISTOL	CT:	NA	NA	NA	5	NA	NA	NA	1,743	NA	NA	NA	1,433
BROCKTON	MA:	7	6	5	13	902	709	1,658	752	1,051	779	1,798	618
BROWNSVILLE-HARLI	TX:	4	5	5	9	655	838	849	1,427	763	921	921	1,174
BRYAN-COLLEGE STA	TX:	NA	NA	NA	3	NA	NA	NA	2,088	NA	NA	NA	1,717
BUFFALO	NY:	4	9	13	25	1,416	872	1,948	2,631	1,651	958	2,112	2,164
BURLINGTON	NC:	NA	NA	NA	6	NA	NA	NA	1,491	NA	NA	NA	1,226
CANTON	OH:	6	7	6	46	1,496	1,722	1,874	720	1,743	1,892	2,033	592
CEDAR RAPIDS	IA:	5	6	6	7	626	1,285	991	900	730	1,412	1,074	740
CHAMPAIGN-URBANA-	IL:	6	4	5	5	319	806	1,123	1,688	372	885	1,218	1,388
CHARLESTON	SC:	6	6	7	17	1,015	1,203	1,198	1,933	1,182	1,322	1,299	1,590
CHARLESTON	WV:	8	9	7	12	361	500	725	709	421	550	787	583
CHARLOTTE-GASTONI	NC:	6	7	27	49	566	715	385	955	659	786	418	786
CHATTANOOGA	TN:	12	13	17	19	674	807	564	1,170	785	887	612	962
CHICAGO	IL:	107	61	102	232	1,009	1,997	1,802	1,208	1,176	2,194	1,954	994
CINCINNATI	OH:	5	4	6	94	866	1,801	2,474	782	1,009	1,979	2,683	643
CLEVELAND	OH:	9	24	9	38	2,354	1,712	3,753	3,440	2,743	1,882	4,070	2,829
COLORADO SPRINGS	CO:	4	10	20	11	808	455	393	1,897	941	500	426	1,560
COLUMBIA	MO:	NA	NA	NA	5	NA	NA	NA	1,560	NA	NA	NA	1,283
COLUMBIA	SC:	6	7	4	36	454	394	842	411	529	433	913	338
COLUMBUS	GA:	5	14	9	20	860	264	731	542	1,002	290	793	446
COLUMBUS	OH:	8	5	45	107	632	1,740	338	747	736	1,912	366	615
CORPUS CHRISTI	TX:	5	8	9	38	806	949	1,129	456	940	1,043	1,225	375
DALLAS	TX:	90	142	171	NA	237	243	348	NA	276	267	378	NA
DALLAS-FT WORTH	TX:	NA	NA	NA	358	NA	NA	NA	620	NA	NA	NA	510

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 41--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 5TH-8TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

		GROCERY STORES				SALES PER STORE							
SMSA						CURRENT				DEFLATED 2/			
		1954:1958:1963:1972				1954 : 1958 : 1963 : 1972				1954 : 1958 : 1963 : 1972			
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
DANBURY	CT:	NA	NA	NA	7	NA	NA	NA	2,103	NA	NA	NA	1,730
DAVENPORT-ROCK IS	IA:	3	4	6	11	1,653	1,425	1,762	1,967	1,927	1,566	1,911	1,618
DAYTON	OH:	14	9	11	42	973	1,892	1,574	942	1,135	2,079	1,708	774
DAYTONA BEACH	FL:	NA	NA	NA	25	NA	NA	NA	546	NA	NA	NA	449
DECATUR	IL:	4	4	5	6	908	870	872	1,246	1,058	956	946	1,025
DENVER-BOULDER	CO:	12	11	43	133	876	1,118	373	373	1,020	1,228	404	307
DES MOINES	IA:	7	4	4	10	640	1,860	3,390	1,866	746	2,044	3,677	1,535
DETROIT	MI:	59	66	70	259	990	1,217	1,594	D	1,153	1,337	1,728	D
DUBUQUE	IA:	4	4	4	14	415	521	538	528	483	572	583	434
DULUTH-SUPERIOR	MN:	11	5	6	6	336	908	1,270	2,064	392	998	1,377	1,697
DURHAM	NC:	12	6	5	NA	169	358	351	NA	197	393	381	NA
EL PASO	TX:	13	19	15	48	267	345	413	341	311	380	448	280
ELMIRA	NY:	NA	NA	NA	7	NA	NA	NA	1,995	NA	NA	NA	1,641
ERIE	PA:	7	4	14	7	520	795	438	2,300	607	873	476	1,891
EUGENE-SPRINGFIEL	OR:	8	6	5	5	558	590	1,267	2,417	650	648	1,374	1,988
EVANSVILLE	IN:	4	5	7	7	1,231	1,297	1,095	2,188	1,435	1,426	1,187	1,800
FALL RIVER	MA:	9	5	4	4	162	901	1,101	D	189	990	1,194	D
FARGO-MOORHEAD	ND:	4	5	5	12	501	774	848	723	584	850	920	595
FAYETTEVILLE	NC:	NA	NA	NA	15	NA	NA	NA	609	NA	NA	NA	501
FAYETTEVILLE-SPRI	AR:	NA	NA	NA	7	NA	NA	NA	D	NA	NA	NA	D
FITCHBURG-LEOMINS	MA:	NA	4	5	4	NA	1,450	1,308	2,616	NA	1,593	1,419	2,151
FLINT	MI:	5	10	9	21	1,279	888	1,573	2,021	1,490	975	1,706	1,662
FLORENCE	AL:	NA	NA	NA	7	NA	NA	NA	1,281	NA	NA	NA	1,054
FORT LAUDERDALE-H	FL:	11	24	78	91	269	326	271	D	314	358	294	D
FT MYERS	FL:	NA	NA	NA	19	NA	NA	NA	508	NA	NA	NA	418
FT SMITH	AR:	5	5	5	3	574	679	951	2,300	669	747	1,032	1,892
FT WAYNE	IN:	8	10	10	14	385	1,262	1,415	1,762	449	1,386	1,535	1,449
FT WORTH	TX:	41	48	71	NA	302	315	335	NA	352	346	363	NA
FRESNO	CA:	10	6	16	6	878	1,644	1,107	3,686	1,023	1,807	1,201	3,031
GADSDEN	AL:	4	4	4	4	291	587	832	1,800	339	645	902	1,480
GAINESVILLE	FL:	NA	NA	NA	13	NA	NA	NA	640	NA	NA	NA	527
GALVESTON-TEXAS C	TX:	4	5	14	23	944	1,110	398	310	1,100	1,220	431	255
GARY-HAMMOND-EAST	IN:	7	7	24	18	782	2,058	1,434	3,672	912	2,262	1,555	3,020
GRAND RAPIDS	MI:	4	5	9	6	1,298	1,355	2,058	3,614	1,512	1,489	2,232	2,972
GREAT FALLS	MT:	4	4	4	11	451	406	463	467	526	446	502	384
GREEN BAY	WI:	5	5	4	7	785	1,237	1,045	883	915	1,359	1,133	726
GREENSBORO-HIGH P	NC:	5	6	8	NA	438	730	1,102	NA	510	802	1,195	NA
GREENSBORO-WINSTO	NC:	NA	NA	NA	30	NA	NA	NA	1,746	NA	NA	NA	1,436
GREENVILLE-SPARTA	SC:	4	7	13	21	814	778	690	1,055	948	854	748	867
HAMILTON-MIDDLETO	OH:	5	4	6	30	563	967	1,513	592	656	1,062	1,640	487
HARRISBURG	PA:	4	3	5	32	1,023	3,008	2,004	841	1,192	3,306	2,173	692
HARTFORD	CT:	6	9	15	14	D	2,066	2,059	3,090	D	2,270	2,234	2,541
HONOLULU	HI:	4	9	12	6	1,300	1,333	1,272	6,636	1,515	1,465	1,379	5,457
HOUSTON	TX:	26	108	148	327	715	296	218	315	833	325	237	259
HUNTINGTON-ASHLAN	WV:	8	4	4	9	474	997	1,434	1,944	553	1,095	1,555	1,598
HUNTSVILLE	AL:	4	4	5	32	546	1,156	911	452	637	1,270	988	371
INDIANAPOLIS	IN:	5	8	7	27	2,379	2,004	1,585	2,818	2,773	2,202	1,719	2,317
JACKSON	MI:	4	4	6	5	440	944	846	2,120	512	1,037	918	1,743
JACKSON	MS:	7	15	16	22	433	503	364	762	504	553	395	626
JACKSONVILLE	FL:	14	39	53	159	1,107	391	368	326	1,291	429	399	268
JERSEY CITY	NJ:	8	6	4	17	979	1,534	4,046	2,103	1,141	1,686	4,389	1,730
JOHNSTOWN	PA:	5	11	6	4	D	280	836	2,865	D	307	907	2,356
KALAMAZOO-PORTAGE	MI:	6	8	5	10	655	1,119	1,425	1,844	763	1,230	1,546	1,517
KANSAS CITY	MO:	5	11	13	67	2,049	2,013	1,640	642	2,388	2,213	1,778	528
KENOSHA	WI:	4	4	4	4	416	746	1,208	2,418	485	820	1,310	1,988
KILLEEN-TEMPLE	TX:	NA	NA	NA	24	NA	NA	NA	424	NA	NA	NA	349
KINGSPORT-BRISTOL	TN:	NA	NA	NA	9	NA	NA	NA	1,538	NA	NA	NA	1,265

SEE FOOTNOTES AT END OF TABLE

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TABLE 41--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 5TH-8TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		NUMBER				1,000 DOLLARS							
KNOXVILLE	TN:	4	6	8	10	1,172	582	700	D	1,366	639	760	D
LA CROSSE	WI:	NA	NA	NA	4	NA	NA	NA	1,728	NA	NA	NA	1,421
LAFAYETTE	LA:	4	4	5	5	152	243	273	2,155	177	266	297	1,772
LAFAYETTE-WEST LA	IN:	NA	NA	NA	8	NA	NA	NA	D	NA	NA	NA	D
LAKE CHARLES	LA:	3	10	13	24	611	347	358	475	713	382	388	391
LAKELAND-WINTER H	FL:	NA	NA	NA	40	NA	NA	NA	435	NA	NA	NA	358
LANCASTER	PA:	8	6	8	27	304	570	572	457	354	627	620	376
LANSING-EAST LANS	MI:	3	10	10	21	1,363	983	1,510	1,446	1,588	1,080	1,638	1,189
LAREDO	TX:	4	3	7	5	454	594	315	1,440	529	653	342	1,184
LAS VEGAS	NV:	6	6	6	46	746	1,194	2,348	886	869	1,312	2,547	729
LAWRENCE-HAVERHIL	MA:	4	4	10	8	539	1,074	1,098	2,193	628	1,180	1,191	1,803
LAWTON	OK:	3	4	6	18	304	446	440	250	354	490	477	206
LEWISTON-AUBURN	ME:	NA	5	5	3	NA	651	837	1,337	NA	715	908	1,100
LEXINGTON	KY:	4	4	6	6	421	763	701	2,109	491	838	760	1,734
LIMA	OH:	4	4	4	8	576	1,155	611	1,215	671	1,269	663	999
LINCOLN	NE:	6	5	5	4	385	823	1,015	2,408	448	905	1,101	1,980
LITTLE ROCK-NORTH	AR:	4	5	5	25	394	D	949	310	459	D	1,029	255
LONG BRANCH-ASBUR	NJ:	NA	NA	NA	16	NA	NA	NA	3,293	NA	NA	NA	2,708
LORAIN-ELYRIA	OH:	6	4	5	36	619	1,014	1,066	693	721	1,114	1,156	570
LOS ANGELES-LONG	CA:	78	108	141	181	1,960	2,559	1,966	3,302	2,284	2,812	2,133	2,716
LOUISVILLE	KY:	4	5	4	9	1,476	1,644	2,535	2,754	1,720	1,807	2,749	2,264
LOWELL	MA:	4	4	8	10	873	1,795	1,361	893	1,017	1,972	1,476	734
LUBBOCK	TX:	5	4	5	17	298	552	886	601	347	606	961	494
LYNCHBURG	VA:	4	7	6	4	241	338	591	2,613	281	372	641	2,149
MACON	GA:	5	6	11	34	968	959	699	409	1,128	1,054	758	336
MADISON	WI:	5	8	8	8	876	701	1,167	2,439	1,021	770	1,266	2,006
MANCHESTER	NH:	4	4	6	4	585	599	1,108	3,454	682	658	1,201	2,840
MANSFIELD	OH:	NA	NA	NA	6	NA	NA	NA	2,173	NA	NA	NA	1,787
MCALLEN-PHARR-EDI	TX:	NA	NA	NA	4	NA	NA	NA	1,362	NA	NA	NA	1,120
MELBOURNE-TITUSVI	FL:	NA	NA	NA	64	NA	NA	NA	181	NA	NA	NA	149
MEMPHIS	TN:	7	8	21	25	1,389	1,383	1,220	1,916	1,618	1,520	1,323	1,576
MERIDEN	CT:	4	4	4	7	233	341	409	701	271	375	444	576
MIAMI	FL:	12	42	109	175	2,242	657	660	367	2,613	722	716	302
MIDLAND	TX:	4	5	5	13	550	682	459	326	641	750	498	268
MILWAUKEE	WI:	4	7	13	36	2,642	2,172	2,066	1,566	3,080	2,386	2,241	1,287
MINNEAPOLIS-ST PA	MN:	32	21	21	39	565	981	1,964	2,632	658	1,078	2,131	2,164
MOBILE	AL:	16	7	31	43	473	1,135	500	803	551	1,247	542	660
MODESTO	CA:	NA	NA	NA	11	NA	NA	NA	1,582	NA	NA	NA	1,301
MONROE	LA:	7	4	3	5	350	663	1,219	2,954	408	718	1,322	2,430
MONTGOMERY	AL:	12	5	8	41	212	398	631	331	247	437	684	272
MUNCIE	IN:	4	4	5	5	950	806	1,203	1,712	1,108	885	1,305	1,408
MUSKEGON-MUSKEGON	MI:	3	5	8	6	900	731	623	1,755	1,049	803	676	1,444
NASHUA	NH:	NA	NA	NA	6	NA	NA	NA	1,891	NA	NA	NA	1,555
NASHVILLE-DAVIDSO	TN:	11	16	12	6	636	606	463	2,738	741	666	502	2,252
NASSAU-SUFFCLK	NY:	NA	NA	NA	148	NA	NA	NA	2,407	NA	NA	NA	1,979
NEW BEDFORD	MA:	7	8	10	16	797	750	1,056	D	928	825	1,146	D
NEW BRITAIN	CT:	7	4	8	6	434	1,234	1,017	2,531	505	1,356	1,103	2,082
NEW BRUNSWICK-PER	NJ:	NA	NA	NA	18	NA	NA	NA	3,163	NA	NA	NA	2,601
NEW HAVEN-WEST HA	CT:	4	4	7	35	1,426	1,884	2,024	800	1,662	2,070	2,195	658
NEW LONDON-NORWIC	CT:	NA	NA	7	6	NA	NA	1,055	3,846	NA	NA	1,144	3,163
NEW ORLEANS	LA:	4	18	7	54	1,959	1,387	2,506	798	2,284	1,524	2,718	657
NEW YORK	NY:	179	285	215	304	712	804	1,886	1,917	830	884	2,046	1,576
NEWARK	NJ:	25	29	34	42	1,050	1,292	1,644	3,077	1,224	1,420	1,783	2,531
NEWPORT NEWS-HAMP	VA:	6	6	7	56	532	1,084	1,418	598	619	1,191	1,538	492
NORFOLK-VIRGINIA	VA:	4	7	33	92	1,824	2,197	471	590	2,126	2,414	510	485
NORTHEAST PENNSYL	PA:	NA	NA	NA	9	NA	NA	NA	2,872	NA	NA	NA	2,362
NORWALK	CT:	NA	NA	4	8	NA	NA	1,284	1,825	NA	NA	1,393	1,501

SEE FOOTNOTES AT END OF TABLE

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TABLE 41--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 5TH-8TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954:	1958:	1963:	1972	1954	1958	1963	1972	1954	1958	1963	1972
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
ODESSA	TX:	7	7	19	23	508	725	317	541	592	797	344	445
OGDEN	UT:	4	4	7	NA	781	758	958	NA	910	832	1,039	NA
OKLAHOMA CITY	OK:	7	5	29	34	666	1,662	395	890	776	1,826	428	732
OMAHA	NE:	6	4	6	6	747	1,874	1,819	4,118	871	2,060	1,973	3,386
ORLANDO	FL:	8	6	48	90	253	1,000	278	393	295	1,099	301	323
OWENSBORO	KY:	NA	NA	NA	5	NA	NA	NA	1,360	NA	NA	NA	1,119
OXNARD-SIMI VALLE	CA:	NA	NA	NA	12	NA	NA	NA	3,410	NA	NA	NA	2,805
PARKERSBURG-MARIE	WV:	NA	NA	NA	5	NA	NA	NA	2,355	NA	NA	NA	1,937
PATerson-CLIFTON	NJ:	13	15	16	14	785	1,264	2,576	2,562	915	1,389	2,794	2,107
PENSACOLA	FL:	7	4	7	33	485	1,182	1,265	806	565	1,299	1,372	663
PEORIA	IL:	6	7	15	16	707	760	933	1,891	824	835	1,012	1,555
PETERSBURG-COLONI	VA:	NA	NA	NA	20	NA	NA	NA	537	NA	NA	NA	442
PHILADELPHIA	PA:	27	33	57	249	1,309	888	635	905	1,526	975	689	745
PHOENIX	AZ:	6	8	91	200	984	2,302	425	692	1,147	2,530	461	569
PINE BLUFF	AR:	5	5	4	3	381	398	559	1,199	445	438	606	986
PITTSBURGH	PA:	25	39	56	20	1,135	1,239	966	2,893	1,323	1,361	1,048	2,379
PITTSFIELD	MA:	3	5	4	5	612	533	840	1,923	714	585	911	1,581
PORTLAND	ME:	4	4	5	5	542	1,288	1,381	2,673	632	1,415	1,498	2,198
PORTLAND	OR:	13	9	19	24	918	1,510	1,698	2,417	1,070	1,660	1,842	1,988
POUGHKEEPSIE	NY:	NA	NA	NA	5	NA	NA	NA	2,966	NA	NA	NA	2,439
PROVIDENCE-WARWIC	RI:	9	12	19	34	910	1,609	1,914	1,878	1,061	1,768	2,076	1,544
PROVO-OREM	UT:	4	4	4	4	449	657	828	2,615	523	722	898	2,150
PUEBLO	CO:	4	5	8	35	611	743	531	246	712	816	576	203
RACINE	WI:	10	5	4	4	293	1,020	1,220	3,320	341	1,121	1,323	2,730
RALEIGH	NC:	6	7	3	NA	282	416	647	NA	328	457	702	NA
RALEIGH-DURHAM	NC:	NA	NA	NA	39	NA	NA	NA	289	NA	NA	NA	237
READING	PA:	7	4	9	9	635	1,209	973	2,138	740	1,329	1,055	1,759
RENO	NV:	4	5	7	4	585	1,007	879	D	682	1,106	954	D
RICHLAND-KINNEWIC	WA:	NA	NA	NA	8	NA	NA	NA	D	NA	NA	NA	D
RICHMOND	VA:	6	11	10	57	997	1,002	1,336	988	1,161	1,101	1,449	813
RIVERSIDE-SAN BER	CA:	6	10	25	128	1,672	2,122	2,036	727	1,948	2,332	2,208	598
ROANOKE	VA:	4	4	7	26	347	595	631	422	404	654	684	347
ROCHESTER	MN:	NA	NA	NA	8	NA	NA	NA	516	NA	NA	NA	424
ROCHESTER	NY:	7	9	12	15	622	614	1,275	2,695	725	675	1,383	2,216
ROCKFORD	IL:	5	4	9	10	621	1,319	1,358	2,021	723	1,449	1,473	1,662
SACRAMENTO	CA:	12	5	13	32	1,275	1,892	2,092	2,338	1,486	2,079	2,269	1,923
SAGINAW	MI:	5	5	6	4	443	1,198	1,055	2,945	517	1,316	1,144	2,422
ST CLOUD	MN:	NA	NA	NA	5	NA	NA	NA	1,694	NA	NA	NA	1,393
ST JOSEPH	MO:	5	4	6	4	465	1,004	850	2,498	542	1,103	922	2,054
ST LOUIS	MO:	28	21	26	23	1,585	1,677	1,905	3,131	1,848	1,842	2,066	2,575
SALEM	OR:	NA	NA	NA	6	NA	NA	NA	1,738	NA	NA	NA	1,429
SALINAS-SEASIDE-M	CA:	NA	NA	NA	8	NA	NA	NA	1,411	NA	NA	NA	1,160
SALT LAKE CITY	UT:	8	12	6	NA	640	650	1,514	NA	745	714	1,642	NA
SALT LAKE CITY-OG	UT:	NA	NA	NA	51	NA	NA	NA	440	NA	NA	NA	362
SAN ANGELO	TX:	4	4	9	21	317	407	249	293	369	447	270	241
SAN ANTONIO	TX:	37	33	37	58	169	357	348	675	197	393	377	555
SAN DIEGO	CA:	11	25	24	145	1,212	962	1,329	826	1,413	1,057	1,441	679
SAN FRANCISCO-OAK	CA:	47	53	63	38	813	976	1,511	3,871	947	1,073	1,639	3,183
SAN JOSE	CA:	8	12	13	27	1,154	1,319	1,864	3,047	1,345	1,450	2,021	2,506
SANTA BARBARA-SAN	CA:	3	4	4	6	1,025	1,129	2,093	2,605	1,194	1,241	2,270	2,142
SANTA CRUZ	CA:	NA	NA	NA	5	NA	NA	NA	1,879	NA	NA	NA	1,545
SANTA ROSA	CA:	NA	NA	NA	5	NA	NA	NA	2,827	NA	NA	NA	2,325
SARASOTA	FL:	NA	NA	NA	23	NA	NA	NA	404	NA	NA	NA	332
SAVANNAH	GA:	4	4	7	7	1,058	1,574	1,196	1,802	1,233	1,729	1,297	1,482
SCRANTON	PA:	7	6	6	NA	271	1,685	1,194	NA	316	1,852	1,295	NA
SEATTLE-EVERETT	WA:	10	14	25	44	995	1,908	1,676	2,149	1,160	2,097	1,818	1,767
SHERMAN-DENISON	TX:	NA	NA	NA	14	NA	NA	NA	D	NA	NA	NA	D

SEE FOOTNOTES AT END OF TABLE

CONTINUED--



TABLE 41--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 5TH-8TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
SHREVEPORT	LA:	4	11	7	11	536	304	1,084	2,325	625	334	1,176	1,912
SIOUX CITY	IA:	4	5	4	3	1,046	822	1,195	3,207	1,219	903	1,296	2,637
SIOUX FALLS	SD:	4	4	4	4	263	567	595	764	307	623	645	628
SOUTH BEND	IN:	5	5	7	5	621	1,089	1,551	3,144	724	1,196	1,682	2,586
SPOKANE	WA:	9	10	13	5	899	1,007	671	2,072	1,048	1,106	728	1,704
SPRINGFIELD	IL:	5	5	6	9	549	1,087	1,170	1,490	640	1,195	1,269	1,225
SPRINGFIELD	MO:	6	4	5	15	429	886	988	856	500	973	1,072	704
SPRINGFIELD	OH:	4	4	13	6	920	915	416	2,352	1,072	1,005	451	1,934
SPRINGFIELD-CHICO	MA:	5	7	13	26	1,815	2,474	2,356	1,525	2,115	2,719	2,555	1,254
STAMFORD	CT:	11	11	12	7	724	768	1,019	D	843	844	1,105	D
STEUBENVILLE-WEIR	OH:	NA	5	11	7	NA	241	370	D	NA	265	401	D
STOCKTON	CA:	9	8	11	8	615	964	899	D	717	1,060	975	D
SYRACUSE	NY:	13	28	25	36	713	764	968	1,357	831	840	1,049	1,116
TACOMA	WA:	13	14	8	13	485	791	1,595	2,217	565	869	1,730	1,823
TALLAHASSEE	FL:	NA	NA	NA	18	NA	NA	NA	381	NA	NA	NA	313
TAMPA-ST PETERSBU	FL:	12	18	128	223	886	1,029	248	379	1,033	1,131	269	311
TERRE HAUTE	IN:	4	4	5	5	202	415	799	1,960	235	455	866	1,612
TEXARKANA	TX:	4	5	9	17	312	315	286	448	364	346	311	368
TOLEDO	OH:	14	7	9	28	771	1,878	1,789	1,677	899	2,064	1,940	1,379
TOPEKA	KS:	4	5	5	7	1,122	1,504	1,760	1,945	1,308	1,652	1,909	1,599
TRENTON	NJ:	4	4	6	6	537	1,555	1,624	5,807	626	1,709	1,761	4,776
TUCSON	AZ:	5	9	37	16	697	858	375	2,927	812	943	406	2,407
TULSA	OK:	5	4	13	121	1,134	1,990	634	306	1,322	2,187	687	251
TUSCALOOSA	AL:	4	4	4	25	332	712	1,048	218	387	782	1,137	179
TYLER	TX:	5	9	7	9	624	507	514	434	728	557	558	357
UTICA-ROME	NY:	10	13	15	26	843	1,211	1,356	1,255	982	1,331	1,471	1,032
VALLEJO-FAIRFIELD	CA:	NA	NA	6	8	NA	NA	1,412	2,258	NA	NA	1,532	1,857
VINELAND-MILLVILL	NJ:	NA	NA	NA	9	NA	NA	NA	D	NA	NA	NA	D
WACO	TX:	8	19	16	6	511	181	291	805	596	199	316	662
WASHINGTON	DC:	40	60	124	261	873	989	589	514	1,018	1,087	639	423
WATERBURY	CT:	5	4	8	10	1,185	1,780	1,047	2,286	1,382	1,956	1,136	1,880
WATERLOO-CEDAR FA	IA:	6	5	8	6	705	1,078	832	1,408	821	1,184	903	1,157
WEST PALM BEACH-B	FL:	5	4	58	79	690	1,665	157	423	804	1,829	170	348
WHEELING	WV:	NA	10	13	9	NA	279	366	1,563	NA	306	397	1,286
WHEELING-STEUBENV	WV:	16	NA	NA	NA	298	NA	NA	NA	347	NA	NA	NA
WICHITA	KS:	6	4	4	7	969	2,291	3,417	3,714	1,129	2,518	3,706	3,054
WICHITA FALLS	TX:	4	17	19	23	496	212	192	227	578	233	208	187
WILKES BARRE-HAZL	PA:	4	4	4	NA	708	1,425	1,388	NA	825	1,566	1,506	NA
WILLIAMSPORT	PA:	NA	NA	NA	11	NA	NA	NA	423	NA	NA	NA	348
WILMINGTON	DE:	4	6	10	34	995	1,730	1,383	1,027	1,160	1,901	1,500	845
WILMINGTON	NC:	NA	NA	NA	19	NA	NA	NA	583	NA	NA	NA	480
WINSTON SALEM	NC:	6	6	6	NA	571	831	945	NA	666	913	1,025	NA
WORCESTER	MA:	5	5	5	6	791	1,776	2,722	5,437	922	1,951	2,952	4,471
YAKIMA	WA:	NA	NA	NA	7	NA	NA	NA	1,454	NA	NA	NA	1,196
YORK	PA:	4	8	8	11	429	512	1,067	2,093	499	562	1,158	1,721
YOUNGSTOWN-WARREN	OH:	35	8	6	70	207	948	1,288	470	241	1,042	1,397	387
MEAN, WEIGHTED		N	N	N	N	791	994	984	1,101	922	1,092	1,067	905
MEAN, UNWEIGHTED		10	12	18	33	766	1,039	1,134	1,637	892	1,141	1,230	1,346
STANDARD DEVIATION		17	25	29	55	451	561	701	1,161	526	616	760	955
		NUMBER											
NUMBER OF SMSA'S		212	215	218	263	208	214	218	247	208	214	218	247

1/ 1967 DATA NOT AVAILABLE FOR THE FOUR LARGEST GROCERY FIRMS. "D" DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. "NA" DENOTES THAT DATA ARE NOT AVAILABLE BECAUSE AN SMSA WAS NOT DEFINED.

2/ DEFLATED BY THE CONSUMER PRICE INDEX, FOOD AT HOME, 1967 = 100. INDEX VALUES ARE 85.8, 91.0, 92.2, AND 121.6 FOR 1954, 1958, 1963, AND 1972 RESPECTIVELY.

SOURCES: BUREAU OF THE CENSUS, CENSUS OF BUSINESS, AREA SERIES, U.S. GOV. PRINT. OFF., FOR EACH OF THE CENSUS YEARS 1954-72 AND SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.

Table 42—Number of stores and sales per store of the 5th-8th-largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/

Item	Sales per store									
	Number					Actual				
	1954	1958	1963	1972		1954	1958	1963	1972	Deflated 2/
										1954 1958 1963 1972
SMSA's with 1 million or more population										
----- 1,000 dollars -----										
Mean, weighted						1,100	1,239	1,235	1,185	1,282
Mean, unweighted						1,324	1,468	1,554	1,724	1,543
Standard deviation	27	37	53	122		574	602	787	1,117	669
	36	52	51	98						661
										854
Number of SMSA's	32	32	32	33						
SMSA's with 300,000 - 999,999 population										
----- 1,000 dollars -----										
Mean, weighted						699	1,012	870	1,073	815
Mean, unweighted						833	1,244	1,337	1,946	971
Standard deviation	9	10	17	34		400	607	866	1,518	466
	6	7	17	34						667
										940
Number of SMSA's	67	68	69	74						
SMSA's with 150,000 - 299,999 population										
----- 1,000 dollars -----										
Mean, weighted						605	843	909	1,017	706
Mean, unweighted						642	913	1,031	1,590	748
Standard deviation	6	6	8	14		254	352	440	891	296
	2	3	3	12						386
										478
Number of SMSA's	55	59	61	70						
SMSA's with less than 150,000 population										
----- 1,000 dollars -----										
Mean, weighted						493	588	638	843	575
Mean, unweighted						490	653	730	1,314	571
Standard deviation	4	6	6	10		187	299	316	853	218
	1	3	4	8						329
										791
Number of SMSA's	43	45	46	70						

See footnotes at end of table.

Continued--

Table 42--Number of stores and sales per store of the 5th-8th largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/-Continued

Item	Number				Actual				Sales per store			
	1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	Deflated 2/
<u>SMSA's in the Northeastern region</u>												
Mean, weighted	--	--	--	--	825	1,050	1,513	1,861	961	1,153	1,641	1,531
Mean, unweighted	13	15	16	28	781	1,189	1,473	2,316	910	1,307	1,597	1,905
Standard deviation	28	41	32	55	359	618	756	1,315	419	679	820	1,081
Number of SMSA's	40	45	47	52	40	45	47	52	40	45	47	52
<u>SMSA's in the North Central region</u>												
Mean, weighted	--	--	--	--	858	1,339	1,430	1,424	1,000	1,472	1,551	1,171
Mean, unweighted	10	8	11	20	846	1,202	1,375	1,866	986	1,321	1,491	1,534
Standard deviation	16	11	16	34	529	477	674	912	616	524	731	750
Number of SMSA's	59	60	60	65	59	60	60	65	59	60	60	65
<u>SMSA's in the Southern region</u>												
Mean, weighted	--	--	--	--	559	588	487	584	651	646	528	481
Mean, unweighted	9	13	23	43	644	771	722	938	750	847	783	772
Standard deviation	12	21	34	64	417	493	496	700	486	541	538	576
Number of SMSA's	78	78	79	94	78	78	79	94	78	78	79	94
<u>SMSA's in the Western region</u>												
Mean, weighted	--	--	--	--	1,124	1,514	1,251	1,487	1,310	1,664	1,357	1,223
Mean, unweighted	11	13	22	39	901	1,178	1,202	2,065	1,050	1,295	1,304	1,698
Standard deviation	14	20	28	52	403	531	589	1,323	470	583	639	1,088
Number of SMSA's	31	31	32	36	31	31	32	36	31	31	32	36

See footnotes at end of table.

Continued--

Table 42--Number of stores and sales per store of the 5th-8th largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/--Continued

Item	Sales per store									
	Number					Actual				
	1954	1958	1963	1972		1954	1958	1963	1972	Deflated 2/
										1954 : 1963 : 1972
SMSA's with 1972 four-firm concentration ratios of 60 percent or over										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		734	810	563	558	856
Mean, unweighted	6	8	18	30		682	884	907	1,095	795
Standard deviation	5	10	29	50		356	419	617	908	415
Number of SMSA's	49	50	51	60			Number			
						49	50	51	60	49
										50
										51
										60
SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		787	1,059	1,043	989	917
Mean, unweighted	9	10	14	34		771	1,075	1,166	1,647	898
Standard deviation	14	10	17	51		541	591	672	1,200	630
Number of SMSA's	59	60	62	75			Number			
						59	60	62	75	59
										60
										62
										75
SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		893	1,179	1,182	1,381	1,041
Mean, unweighted	10	10	16	30		857	1,123	1,251	1,902	998
Standard deviation	10	10	16	48		437	594	790	1,134	509
Number of SMSA's	68	73	74	89			Number			
						68	73	74	89	68
										73
										74
										89
SMSA's with 1972 four-firm concentration ratios less than 40 percent										
	Number					1,000 dollars				
Mean, weighted	--	--	--	--		904	1,065	1,340	1,534	1,053
Mean, unweighted	21	31	34	53		830	1,151	1,301	1,990	967
Standard deviation	39	64	57	89		393	572	567	1,220	458
Number of SMSA's	21	21	21	23			Number			
						21	21	21	23	21
										21
										23

-- = Not applicable. 1/ 1967 data not available for the 5th-8th largest grocery firms. 2/ Deflated by the Consumer Price Index, Food at Home, 1967 = 100. Index values are 85.8, 91.0, 92.2, and 121.6 for 1954, 1958, 1963, and 1972, respectively. Sources: Tables 13 and 41 and appendix A.

TABLE 43--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 9TH-20TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		-- NUMBER --				-- 1,000 DOLLARS --							
ABILENE	TX:	13	12	20	11	271	340	239	599	316	374	260	493
AKRON	OH:	14	13	12	17	579	569	1,014	1,784	675	625	1,100	1,467
ALBANY	GA:	14	15	13	19	144	163	202	390	168	179	219	321
ALBANY-SCHENECTAD	NY:	15	17	16	27	629	842	1,112	1,236	734	926	1,206	1,017
ALBUQUERQUE	NM:	15	12	15	9	343	533	416	942	400	585	451	774
ALEXANDRIA	LA:	NA	NA	NA	13	NA	NA	NA	441	NA	NA	NA	363
ALLENTOWN-BETHLEH	PA:	17	17	12	16	267	504	1,095	3,401	311	554	1,187	2,797
ALTOONA	PA:	12	12	12	12	128	151	202	580	149	166	219	477
AMARILLO	TX:	17	14	30	11	173	285	217	861	201	313	235	708
ANAHEIM-SANTA ANA	CA:	12	15	24	140	905	1,573	2,197	1,110	1,054	1,728	2,383	913
ANCHORAGE	AK:	NA	NA	NA	12	NA	NA	NA	690	NA	NA	NA	567
ANDERSON	IN:	12	15	13	13	446	528	772	852	520	580	837	701
ANN ARBOR	MI:	12	12	13	14	307	416	482	1,102	358	457	523	906
APPLETON-OSHKOSH	WI:	NA	NA	NA	18	NA	NA	NA	1,691	NA	NA	NA	1,391
ASHEVILLE	NC:	12	11	14	13	157	169	244	371	182	186	264	305
ATLANTA	GA:	19	33	32	41	560	423	502	818	653	465	544	672
ATLANTIC CITY	NJ:	12	11	10	16	202	253	424	684	235	278	460	562
AUGUSTA	GA:	14	16	13	50	320	279	364	276	372	307	395	227
AUSTIN	TX:	17	11	27	58	368	846	490	457	428	929	531	376
BAKERSFIELD	CA:	15	13	18	28	490	871	741	834	571	957	803	686
BALTIMORE	MD:	15	21	40	26	934	1,014	703	1,829	1,088	1,114	762	1,504
BATON ROUGE	LA:	11	12	13	43	253	274	446	455	294	301	484	374
BATTLE CREEK	MI:	NA	NA	NA	12	NA	NA	NA	D	NA	NA	NA	D
BAY CITY	MI:	12	11	11	12	188	265	299	345	219	291	324	284
BEAUMONT-PORT ART	TX:	12	13	14	49	587	762	758	622	684	837	822	511
BILLINGS	MT:	13	12	12	22	197	306	447	D	230	336	485	D
BILOXI-GULFPORT	MS:	NA	NA	NA	23	NA	NA	NA	307	NA	NA	NA	252
BINGHAMTON	NY:	13	12	16	12	207	484	560	1,797	241	532	607	1,477
BIRMINGHAM	AL:	16	13	14	17	661	891	1,317	1,826	770	979	1,428	1,501
BLOOMINGTON-NORMA	IL:	NA	NA	NA	13	NA	NA	NA	575	NA	NA	NA	473
BOISE CITY	ID:	12	13	12	12	229	470	314	539	266	517	341	443
BOSTON	MA:	16	31	67	83	1,608	1,319	752	1,304	1,874	1,450	816	1,072
BRIDGEPORT	CT:	15	15	14	33	359	502	598	746	419	551	648	613
BRISTOL	CT:	NA	NA	NA	15	NA	NA	NA	282	NA	NA	NA	232
BROCKTON	MA:	16	13	12	16	222	255	425	517	259	280	461	425
BROWNSVILLE-HARLI	TX:	12	12	11	18	352	423	495	639	410	465	537	525
BRYAN-COLLEGE STA	TX:	NA	NA	NA	11	NA	NA	NA	291	NA	NA	NA	240
BUFFALO	NY:	14	14	13	15	616	1,114	2,702	4,289	717	1,224	2,931	3,527
BURLINGTON	NC:	NA	NA	NA	21	NA	NA	NA	249	NA	NA	NA	205
CANTON	OH:	25	15	16	19	512	681	935	2,289	597	749	1,014	1,882
CEDAR RAPIDS	IA:	12	13	12	12	224	269	330	385	260	295	358	317
CHAMPAIGN-URBANA-	IL:	12	13	14	14	192	351	580	600	224	386	629	494
CHARLESTON	SC:	13	13	15	67	371	502	490	530	433	552	532	436
CHARLESTON	WV:	13	11	13	12	356	411	536	1,474	415	452	581	1,212
CHARLOTTE-GASTONI	NC:	14	12	23	62	252	391	321	539	293	430	348	443
CHATTANOOGA	TN:	16	14	13	53	406	632	972	645	473	695	1,054	530
CHICAGO	IL:	22	20	40	31	1,290	2,774	2,009	4,186	1,503	3,048	2,179	3,442
CINCINNATI	OH:	14	15	18	30	499	831	1,261	1,306	582	913	1,367	1,074
CLEVELAND	OH:	12	15	38	43	1,094	1,672	875	1,411	1,275	1,838	949	1,160
COLORADO SPRINGS	CO:	12	11	12	16	227	257	262	658	264	283	284	541
COLUMBIA	MO:	NA	NA	NA	14	NA	NA	NA	656	NA	NA	NA	539
COLUMBIA	SC:	13	13	14	20	253	336	422	1,358	295	369	457	1,117
COLUMBUS	GA:	14	13	24	46	277	391	319	417	323	430	346	343
COLUMBUS	OH:	17	13	12	12	349	974	1,564	2,556	406	1,071	1,697	2,102
CORPUS CHRISTI	TX:	13	17	23	23	395	485	365	799	461	533	396	657
DALLAS	TX:	29	29	32	NA	299	847	1,012	NA	349	931	1,097	NA
DALLAS-FT WCRTH	TX:	NA	NA	NA	179	NA	NA	NA	588	NA	NA	NA	483

SEE FOOTNOTES AT END OF TABLE

CONTINUED--



TABLE 43--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 9TH-20TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954:1958:1963:1972				1954 : 1958 : 1963 : 1972				1954 : 1958 : 1963 : 1972			
		-- NUMBER --				-- 1,000 DOLLARS --							
DANBURY	CT:	NA	NA	NA	16	NA	NA	NA	637	NA	NA	NA	524
DAVENPORT-ROCK IS	IA:	13	12	13	13	403	540	823	942	470	593	892	775
DAYTON	OH:	18	15	34	48	482	1,047	672	1,521	562	1,150	729	1,251
DAYTONA BEACH	FL:	NA	NA	NA	31	NA	NA	NA	317	NA	NA	NA	261
DECATUR	IL:	13	12	12	10	237	318	355	483	276	350	385	397
DENVER-BOULDER	CO:	17	14	25	17	527	915	695	1,331	615	1,005	754	1,095
DES MOINES	IA:	14	11	14	11	454	1,025	1,389	1,158	529	1,127	1,507	952
DETROIT	MI:	36	23	29	110	1,157	1,951	1,744	0	1,349	2,144	1,891	0
DUBUQUE	IA:	12	11	12	13	177	240	236	230	206	263	256	189
DULUTH-SUPERIOR	MN:	14	12	13	14	471	774	913	1,212	549	850	991	996
DURHAM	NC:	12	13	12	NA	185	205	229	NA	216	225	248	NA
EL PASO	TX:	15	18	25	52	363	502	406	404	423	551	440	332
ELMIRA	NY:	NA	NA	NA	19	NA	NA	NA	408	NA	NA	NA	336
ERIE	PA:	13	11	14	38	317	459	658	560	369	504	713	461
EUGENE-SPRINGFIEL	OR:	12	12	13	14	428	364	496	1,459	499	400	537	1,200
EVANSVILLE	IN:	16	8	14	12	261	1,045	747	1,871	304	1,148	810	1,538
FALL RIVER	MA:	18	16	19	19	127	141	179	0	148	155	194	0
FARGO-MOORHEAD	ND:	12	12	11	11	170	270	345	714	198	296	374	587
FAYETTEVILLE	NC:	NA	NA	NA	14	NA	NA	NA	545	NA	NA	NA	448
FAYETTEVILLE-SPRI	AR:	NA	NA	NA	14	NA	NA	NA	0	NA	NA	NA	0
FITCHBURG-LEOMINS	MA:	NA	12	12	13	NA	291	592	960	NA	320	642	789
FLINT	MI:	14	15	14	15	593	646	898	2,417	692	710	974	1,988
FLORENCE	AL:	NA	NA	NA	12	NA	NA	NA	543	NA	NA	NA	446
FORT LAUDERDALE-H	FL:	11	12	37	127	225	698	370	0	263	767	401	0
FT MYERS	FL:	NA	NA	NA	22	NA	NA	NA	394	NA	NA	NA	324
FT SMITH	AR:	14	12	14	10	224	243	435	1,190	261	267	472	979
FT WAYNE	IN:	12	14	18	15	222	279	290	1,479	259	307	314	1,216
FT WORTH	TX:	21	17	49	NA	604	1,314	916	NA	704	1,444	993	NA
FRESNO	CA:	18	14	20	34	575	1,097	1,190	1,118	670	1,206	1,290	919
GADSDEN	AL:	13	13	12	23	149	203	277	334	173	223	301	275
GAINESVILLE	FL:	NA	NA	NA	19	NA	NA	NA	429	NA	NA	NA	353
GALVESTON-TEXAS C	TX:	12	16	12	29	474	576	753	563	552	633	817	463
GARY-HAMMOND-EAST	IN:	14	12	14	19	763	2,076	2,700	3,066	889	2,282	2,929	2,522
GRAND RAPIDS	MI:	12	11	14	24	605	859	969	1,103	705	944	1,051	907
GREAT FALLS	MT:	12	12	13	9	232	178	205	448	270	195	222	368
GREEN BAY	WI:	14	12	13	15	270	429	455	705	314	471	493	580
GREENSBORO-HIGH P	NC:	14	12	19	NA	272	480	343	NA	317	527	373	NA
GREENSBORO-WINSTO	NC:	NA	NA	NA	79	NA	NA	NA	612	NA	NA	NA	503
GREENVILLE-SPARTA	SC:	12	12	14	67	287	387	547	269	334	425	594	221
HAMILTON-MIDDLETO	OH:	15	15	15	13	231	306	400	1,009	269	337	434	829
HARRISBURG	PA:	15	16	15	23	258	585	743	1,088	301	643	806	895
HARTFORD	CT:	12	11	12	33	687	1,092	1,472	1,558	801	1,200	1,596	1,281
HONOLULU	HI:	16	13	18	29	505	1,035	878	1,279	589	1,137	952	1,052
HOUSTON	TX:	16	16	20	187	1,212	1,862	1,664	825	1,413	2,046	1,804	678
HUNTINGTON-ASHLAN	WV:	12	14	16	12	409	436	542	1,960	477	479	588	1,612
HUNTSVILLE	AL:	12	12	14	11	166	356	428	1,379	193	391	464	1,134
INDIANAPOLIS	IN:	16	16	17	58	786	726	1,059	950	916	798	1,149	782
JACKSON	MI:	12	12	12	12	239	306	430	553	279	336	466	455
JACKSON	MS:	13	12	15	41	181	374	377	302	211	411	409	248
JACKSONVILLE	FL:	17	14	48	45	616	477	217	472	718	524	236	388
JERSEY CITY	NJ:	15	12	14	10	446	588	1,332	2,725	520	646	1,445	2,241
JOHNSTOWN	PA:	13	13	13	14	234	348	403	799	273	383	437	657
KALAMAZOO-PORTAGE	MI:	18	11	13	13	300	697	482	1,175	349	766	522	966
KANSAS CITY	MO:	12	15	16	57	1,264	1,733	2,021	1,213	1,473	1,904	2,192	998
KENOSHA	WI:	11	11	12	12	172	306	306	512	201	336	332	421
KILLEEN-TEMPLE	TX:	NA	NA	NA	18	NA	NA	NA	644	NA	NA	NA	530
KINGSPORT-BRISTOL	TN:	NA	NA	NA	21	NA	NA	NA	888	NA	NA	NA	730

SEE FOOTNOTES AT END OF TABLE

CONTINUED--



TABLE 43--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 9TH-20TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
KNOXVILLE	TN:	12	12	14	36	469	517	543	D	547	568	589	D
LA CROSSE	WI:	NA	NA	NA	15	NA	NA	NA	431	NA	NA	NA	354
LAFAYETTE	LA:	12	12	12	23	92	131	198	D	107	143	214	D
LAFAYETTE-WEST LA	IN:	NA	NA	NA	12	NA	NA	NA	D	NA	NA	NA	D
LAKE CHARLES	LA:	13	14	14	20	202	265	316	530	235	291	343	436
LAKELAND-WINTER H	FL:	NA	NA	NA	65	NA	NA	NA	226	NA	NA	NA	186
LANCASTER	PA:	12	14	14	25	298	385	444	730	347	423	481	600
LANSING-EAST LANS	MI:	11	12	17	20	434	967	828	1,290	506	1,062	898	1,061
LAREDO	TX:	14	15	12	16	130	152	251	D	152	167	272	D
LAS VEGAS	NV:	12	12	25	26	537	740	542	764	625	813	587	628
LAWRENCE-HAVERHIL	MA:	12	12	12	16	166	489	804	1,235	193	537	872	1,016
LAWTON	OK:	12	12	11	16	137	189	311	260	160	208	337	214
LEWISTON-AUBURN	ME:	NA	11	13	11	NA	299	343	446	NA	329	372	366
LEXINGTON	KY:	14	12	14	13	239	358	352	772	279	393	381	635
LIMA	OH:	17	12	12	19	140	261	183	659	163	287	199	542
LINCOLN	NE:	12	12	12	11	319	477	583	D	372	524	632	D
LITTLE ROCK-NORTH	AR:	14	13	14	17	191	331	378	857	223	364	409	705
LONG BRANCH-ASBUR	NJ:	NA	NA	NA	45	NA	NA	NA	982	NA	NA	NA	808
LORAIN-ELYRIA	OH:	12	13	11	14	348	405	625	1,465	406	445	678	1,205
LOS ANGELES-LONG	CA:	65	107	172	342	2,627	2,624	2,204	1,729	3,061	2,884	2,390	1,422
LOUISVILLE	KY:	13	14	16	37	530	680	838	731	618	747	908	601
LOWELL	MA:	12	12	13	15	310	419	734	480	361	460	796	395
LUBBOCK	TX:	10	12	15	19	271	301	379	341	316	330	411	280
LYNCHBURG	VA:	12	12	12	18	177	248	350	607	206	273	379	499
MACON	GA:	13	12	14	36	320	425	484	409	373	467	525	336
MADISON	WI:	12	11	11	17	330	522	791	1,129	384	574	858	928
MANCHESTER	NH:	12	11	12	12	212	336	374	1,332	247	370	406	1,096
MANSFIELD	OH:	NA	NA	NA	23	NA	NA	NA	435	NA	NA	NA	358
MCCALLEN-PHARR-EDI	TX:	NA	NA	NA	15	NA	NA	NA	647	NA	NA	NA	532
MELBOURNE-TITUSVI	FL:	NA	NA	NA	23	NA	NA	NA	259	NA	NA	NA	213
MEMPHIS	TN:	17	23	34	65	698	677	712	542	814	744	772	445
MERIDEN	CT:	12	11	11	10	128	161	155	208	149	177	168	171
MIAMI	FL:	15	14	42	30	942	1,196	551	1,294	1,098	1,315	597	1,065
MIDLAND	TX:	12	11	10	10	278	434	419	337	324	477	454	277
MILWAUKEE	WI:	13	14	15	14	1,274	1,938	2,238	2,822	1,485	2,130	2,428	2,321
MINNEAPOLIS-ST PA	MN:	25	20	23	82	949	1,477	2,300	955	1,106	1,623	2,494	785
MOBILE	AL:	13	18	21	35	411	573	526	632	479	630	570	520
MODESTO	CA:	NA	NA	NA	18	NA	NA	NA	1,195	NA	NA	NA	983
MONROE	LA:	13	13	13	24	156	254	277	519	182	279	300	427
MONTGOMERY	AL:	14	12	13	20	166	209	367	562	194	230	398	462
MUNCIE	IN:	11	12	11	11	433	328	532	493	505	360	577	406
MUSKEGON-MUSKEGON	MI:	13	14	12	12	287	332	561	1,164	335	365	609	957
NASHUA	NH:	NA	NA	NA	12	NA	NA	NA	911	NA	NA	NA	749
NASHVILLE-DAVIDSO	TN:	19	27	18	51	320	306	472	565	373	337	512	465
NASSAU-SUFFOLK	NY:	NA	NA	NA	116	NA	NA	NA	1,457	NA	NA	NA	1,198
NEW BEDFORD	MA:	15	14	14	15	284	269	340	D	331	295	369	D
NEW BRITAIN	CT:	12	12	12	18	283	405	437	873	330	445	474	718
NEW BRUNSWICK-PER	NJ:	NA	NA	NA	36	NA	NA	NA	1,710	NA	NA	NA	1,407
NEW HAVEN-WEST FA	CT:	13	13	13	18	457	747	902	1,341	532	820	978	1,102
NEW LONDON-NORWIC	CT:	NA	NA	12	23	NA	NA	567	898	NA	NA	615	739
NEW ORLEANS	LA:	14	13	25	39	855	1,675	946	1,184	996	1,841	1,026	973
NEW YORK	NY:	235	232	330	261	602	1,021	872	1,702	701	1,122	946	1,400
NEWARK	NJ:	15	22	27	28	1,422	1,885	2,507	5,492	1,657	2,072	2,719	4,516
NEWPORT NEWS-HAMP	VA:	13	14	25	21	215	287	304	774	250	316	330	637
NORFOLK-VIRGINIA	VA:	16	20	20	37	566	1,144	1,167	1,300	660	1,257	1,266	1,069
NORTHEAST PENNSYL	PA:	NA	NA	NA	21	NA	NA	NA	1,125	NA	NA	NA	925
NORWALK	CT:	NA	NA	15	11	NA	NA	257	590	NA	NA	279	485

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 43--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 9TH-20TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
ODESSA	TX:	13	16	18	15	267	289	350	472	311	317	379	388
OGDEN	UT:	12	12	12	NA	279	332	354	NA	325	364	384	NA
OKLAHOMA CITY	OK:	13	16	12	17	768	972	1,716	2,712	895	1,068	1,861	2,230
OMAHA	NE:	14	12	12	13	654	1,054	1,042	1,893	762	1,158	1,130	1,557
ORLANDO	FL:	12	19	25	69	272	332	367	310	317	364	398	255
OWENSBORO	KY:	NA	NA	NA	16	NA	NA	NA	349	NA	NA	NA	287
OXNARD-SIMI VALLE	CA:	NA	NA	NA	33	NA	NA	NA	974	NA	NA	NA	801
PARKERSBURG-MARIE	WV:	NA	NA	NA	10	NA	NA	NA	1,376	NA	NA	NA	1,132
PATERSON-CLIFTON	NJ:	20	16	18	18	648	1,273	2,698	2,929	755	1,398	2,926	2,409
PENSACOLA	FL:	13	12	22	52	296	445	414	364	345	488	449	300
PEORIA	IL:	14	15	15	15	509	684	930	1,790	594	752	1,009	1,472
PETERSBURG-COLONI	VA:	NA	NA	NA	12	NA	NA	NA	777	NA	NA	NA	639
PHILADELPHIA	PA:	17	15	16	70	978	1,739	2,541	2,153	1,140	1,911	2,756	1,770
PHOENIX	AZ:	15	28	52	127	696	674	635	646	811	741	688	531
PINE BLUFF	AR:	12	12	13	14	175	173	267	387	204	191	290	318
PITTSBURGH	PA:	33	24	21	46	777	1,529	1,707	1,542	905	1,680	1,851	1,268
PITTSFIELD	MA:	12	12	12	9	199	207	221	531	231	228	240	436
PORTLAND	ME:	12	14	13	18	303	398	676	832	353	438	733	684
PORTLAND	OR:	17	19	20	118	1,062	1,067	1,216	574	1,238	1,173	1,319	472
POUGHKEEPSIE	NY:	NA	NA	NA	10	NA	NA	NA	752	NA	NA	NA	618
PROVIDENCE-WARWIC	RI:	15	17	12	103	650	1,026	1,275	288	758	1,127	1,383	237
PROVO-OREM	UT:	12	12	11	15	248	355	466	523	290	390	505	430
PUEBLO	CO:	13	11	12	12	261	404	296	416	304	444	321	342
RACINE	WI:	12	18	12	12	260	336	412	1,123	303	369	447	924
RALEIGH	NC:	12	12	15	NA	205	299	238	NA	239	328	258	NA
RALEIGH-DURHAM	NC:	NA	NA	NA	22	NA	NA	NA	580	NA	NA	NA	477
READING	PA:	14	12	14	13	317	527	507	1,446	370	579	549	1,189
RENO	NV:	11	9	13	20	288	486	468	0	335	534	507	0
RICHLAND-KINNEWIC	WA:	NA	NA	NA	16	NA	NA	NA	0	NA	NA	NA	0
RICHMOND	VA:	13	15	27	37	457	897	571	1,120	533	985	620	921
RIVERSIDE-SAN BER	CA:	17	22	23	65	1,313	1,297	1,536	1,016	1,531	1,425	1,666	835
ROANOKE	VA:	14	15	10	19	174	222	309	574	202	244	335	472
ROCHESTER	MN:	NA	NA	NA	10	NA	NA	NA	194	NA	NA	NA	160
ROCHESTER	NY:	15	16	15	17	333	412	900	1,941	388	453	976	1,596
ROCKFORD	IL:	12	14	13	16	326	559	1,104	1,475	380	614	1,197	1,213
SACRAMENTO	CA:	15	12	26	84	808	1,371	1,660	648	942	1,506	1,800	533
SAGINAW	MI:	12	14	13	11	314	367	467	1,031	366	403	507	847
ST CLOUD	MN:	NA	NA	NA	18	NA	NA	NA	596	NA	NA	NA	490
ST JOSEPH	MO:	14	14	12	13	222	286	343	599	259	315	372	493
ST LOUIS	MO:	18	19	42	111	1,135	1,498	953	953	1,322	1,646	1,033	784
SALEM	OR:	NA	NA	NA	35	NA	NA	NA	499	NA	NA	NA	410
SALINAS-SEASIDE-M	CA:	NA	NA	NA	14	NA	NA	NA	1,111	NA	NA	NA	914
SALT LAKE CITY	UT:	19	16	18	NA	431	745	825	NA	503	818	895	NA
SALT LAKE CITY-OG	UT:	NA	NA	NA	27	NA	NA	NA	1,856	NA	NA	NA	1,526
SAN ANGELO	TX:	12	11	12	14	160	205	210	350	186	226	228	287
SAN ANTONIO	TX:	16	16	27	113	380	1,083	518	391	443	1,190	562	322
SAN DIEGO	CA:	21	16	17	17	719	1,691	1,407	2,124	838	1,858	1,526	1,747
SAN FRANCISCO-OAK	CA:	45	32	77	150	969	2,204	1,550	1,301	1,129	2,422	1,681	1,070
SAN JOSE	CA:	15	14	19	129	1,056	1,807	2,024	869	1,231	1,986	2,195	715
SANTA BARBARA-SAN	CA:	14	12	13	21	271	607	919	730	316	667	997	600
SANTA CRUZ	CA:	NA	NA	NA	18	NA	NA	NA	877	NA	NA	NA	721
SANTA ROSA	CA:	NA	NA	NA	18	NA	NA	NA	958	NA	NA	NA	787
SARASOTA	FL:	NA	NA	NA	27	NA	NA	NA	351	NA	NA	NA	289
SAVANNAH	GA:	13	13	12	28	353	522	851	609	412	574	923	501
SCRANTON	PA:	13	13	14	NA	210	372	348	NA	245	409	377	NA
SEATTLE-EVERETT	WA:	16	14	20	109	852	2,020	1,809	803	993	2,220	1,962	661
SHERMAN-DENISON	TX:	NA	NA	NA	10	NA	NA	NA	0	NA	NA	NA	0

SEE FOOTNOTES AT END OF TABLE

CONTINUED--

TABLE 43--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE 9TH-20TH LARGEST GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA		GROCERY STORES				SALES PER STORE							
						CURRENT				DEFLATED 2/			
		1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
		- - NUMBER - -				- - - - - 1,000 DOLLARS - - - - -							
SHREVEPORT	LA:	14	13	22	14	259	424	375	D	301	466	406	D
SIOUX CITY	IA:	12	12	13	13	218	371	574	755	254	407	623	621
SIOUX FALLS	SD:	11	12	11	12	172	257	299	322	201	282	324	264
SOUTH BEND	IN:	12	16	15	14	350	391	871	1,509	408	430	945	1,241
SPOKANE	WA:	22	12	13	17	404	767	643	953	471	842	697	784
SPRINGFIELD	IL:	13	13	12	12	249	424	587	1,068	290	466	636	878
SPRINGFIELD	MO:	12	12	13	30	222	277	357	371	259	304	387	305
SPRINGFIELD	OH:	14	12	12	14	183	268	515	1,187	213	295	559	976
SPRINGFIELD-CHICO	MA:	12	12	12	18	702	1,126	1,223	1,521	819	1,237	1,327	1,251
STAMFORD	CT:	13	12	12	20	567	510	1,413	D	660	561	1,533	D
STEUBENVILLE-WEIR	OH:	NA	13	12	14	NA	167	308	D	NA	184	334	D
STOCKTON	CA:	15	14	15	23	519	838	1,160	D	605	921	1,258	D
SYRACUSE	NY:	14	13	13	22	679	854	1,481	2,528	791	939	1,606	2,079
TACOMA	WA:	13	12	12	31	655	872	1,075	736	764	958	1,166	605
TALLAHASSEE	FL:	NA	NA	NA	12	NA	NA	NA	419	NA	NA	NA	345
TAMPA-ST PETERSBU	FL:	12	30	22	173	515	304	680	285	600	335	737	234
TERRE HAUTE	IN:	13	12	13	10	108	209	374	963	126	229	406	792
TEXARKANA	TX:	12	13	12	10	162	180	324	706	189	197	351	581
TOLEDO	OH:	13	12	12	15	731	1,269	1,331	2,053	852	1,394	1,444	1,688
TOPEKA	KS:	14	14	14	12	370	636	905	1,497	431	699	981	1,231
TRENTON	NJ:	11	14	18	28	234	335	328	776	273	368	356	638
TUCSON	AZ:	15	12	26	46	294	544	437	725	343	598	474	596
TULSA	OK:	12	13	15	15	490	1,096	911	1,771	571	1,204	988	1,456
TUSCALOOSA	AL:	12	12	13	11	159	243	332	460	185	267	360	378
TYLER	TX:	15	21	13	17	206	181	236	256	240	198	256	211
UTICA-ROME	NY:	14	12	14	12	478	582	805	1,494	557	639	873	1,229
VALLEJO-FAIRFIELD	CA:	NA	NA	15	40	NA	NA	853	573	NA	NA	925	471
VINELAND-MILLVILL	NJ:	NA	NA	NA	13	NA	NA	NA	D	NA	NA	NA	D
WACO	TX:	14	12	15	17	286	324	314	333	334	356	341	274
WASHINGTON	DC:	21	21	29	22	1,149	1,943	1,359	1,946	1,339	2,135	1,474	1,601
WATERBURY	CT:	13	12	13	24	338	638	711	473	394	701	771	389
WATERLOO-CEGAR FA	IA:	15	13	12	12	175	563	581	645	203	618	630	530
WEST PALM BEACH-B	FL:	18	21	13	65	190	266	654	386	222	293	709	318
WHEELING	WV:	NA	15	14	23	NA	189	273	611	NA	207	296	502
WHEELING-STEUBENV	WV:	14	NA	NA	NA	256	NA	NA	NA	298	NA	NA	NA
WICHITA	KS:	12	14	13	29	751	1,043	1,343	1,009	875	1,146	1,457	830
WICHITA FALLS	TX:	15	14	11	13	199	314	352	D	232	345	382	D
WILKES BARRE-HAZL	PA:	13	13	13	NA	265	380	436	NA	309	418	473	NA
WILLIAMSPORT	PA:	NA	NA	NA	12	NA	NA	NA	315	NA	NA	NA	259
WILMINGTON	DE:	14	11	14	21	289	432	492	1,067	337	475	534	877
WILMINGTON	NC:	NA	NA	NA	19	NA	NA	NA	432	NA	NA	NA	355
WINSTON SALEM	NC:	12	13	14	NA	227	261	521	NA	265	286	565	NA
WORCESTER	MA:	16	15	16	30	464	795	1,480	1,339	540	873	1,606	1,101
YAKIMA	WA:	NA	NA	NA	10	NA	NA	NA	1,432	NA	NA	NA	1,177
YORK	PA:	12	13	13	46	230	273	546	453	268	300	592	373
YOUNGSTOWN-WARREN	OH:	19	13	13	16	436	699	962	2,281	508	768	1,043	1,875
MEAN, WEIGHTED		N	N	N	N	510	772	849	965	594	848	921	793
MEAN, UNWEIGHTED		16	16	19	32	437	652	744	986	509	717	807	811
STANDARD DEVIATION:		16	17	25	39	324	498	542	730	378	548	588	600
		NUMBER											
NUMBER OF SMSA'S		212	215	218	263	212	215	218	242	212	215	218	242

1/ 1967 DATA NOT AVAILABLE FOR THE 9TH-20TH LARGEST GROCERY FIRMS. "D" DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS. "NA" DENOTES THAT DATA ARE NOT AVAILABLE BECAUSE AN SMSA WAS NOT DEFINED.

2/ DEFLATED BY THE CONSUMER PRICE INDEX, FOOD AT HOME, 1967 = 100. INDEX VALUES ARE 85.8, .91.0, 92.2, AND 121.6 FOR 1954, 1958, 1963, AND 1972 RESPECTIVELY.

SOURCES: BUREAU OF THE CENSUS, CENSUS OF BUSINESS, AREA SERIES, U.S. GOV. PRINT. OFF., FOR EACH OF THE CENSUS YEARS 1954-72 AND SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.

Table 44--Number of stores and sales per store of the 9th-20th largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/

Item	Grocery stores				Sales per store							
					Actual				Deflated 2/			
	1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
<u>SMSA's with 1 million or more population</u>												
	Number				1,000 dollars							
Mean, weighted	--	--	--	--	990	1,476	1,356	1,275	1,154	1,622	1,471	1,048
Mean, unweighted	27	28	42	86	1,000	1,494	1,505	1,634	1,165	1,641	1,632	1,344
Standard deviation	39	40	59	76	415	561	635	1,115	484	616	689	917
Number of SMSA's	32	32	32	33	32	32	32	33	32	32	32	33
<u>SMSA's with 300,000 - 999,999 population</u>												
	Number				1,000 dollars							
Mean, weighted	--	--	--	--	462	706	792	919	539	776	859	756
Mean, unweighted	14	14	18	35	459	718	862	1,226	535	789	934	1,008
Standard deviation	2	3	8	24	173	332	488	731	202	365	529	601
Number of SMSA's	69	69	69	73	69	69	69	73	69	69	69	73
<u>SMSA's with 150,000 - 299,999 population</u>												
	Number				1,000 dollars							
Mean, weighted	--	--	--	--	291	410	542	719	339	451	587	591
Mean, unweighted	13	13	14	20	291	417	550	852	340	458	596	700
Standard deviation	2	2	3	11	101	180	245	420	118	198	265	346
Number of SMSA's	57	59	61	69	57	59	61	69	57	59	61	69
<u>SMSA's with less than 150,000 population</u>												
	Number				1,000 dollars							
Mean, weighted	--	--	--	--	211	288	337	527	246	316	366	434
Mean, unweighted	13	13	13	14	212	291	343	544	247	319	372	448
Standard deviation	1	2	3	4	73	103	125	256	85	113	136	210
Number of SMSA's	43	45	46	67	43	45	46	67	43	45	46	67

See footnotes at end of table.

Continued--

Table 44--Number of stores and sales per store of the 9th-20th largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/--Continued

Item	Grocery stores					Sales per store							
						Actual				Deflated 2/			
	1954	1958	1963	1972		1954	1958	1963	1972	1954	1958	1963	1972
<u>SMSA's in the Northeastern region</u>													
	Number					1,000 dollars							
Mean, weighted	--	--	--	--		500	778	908	1,343	583	855	984	1,104
Mean, unweighted	19	19	22	30		438	629	878	1,277	511	692	953	1,050
Standard deviation	33	32	46	39		312	423	659	1,009	364	465	715	830
Number of SMSA's	43	45	47	52	Number	43	45	47	52	43	45	47	52
<u>SMSA's in the North Central region</u>													
	Number					1,000 dollars							
Mean, weighted	--	--	--	--		494	766	923	1,219	576	842	1,002	1,002
Mean, unweighted	14	13	15	20		455	716	838	1,191	530	787	908	979
Standard deviation	4	3	7	17		311	548	553	743	362	602	600	611
Number of SMSA's	59	60	60	64	Number	59	60	60	64	59	60	60	64
<u>SMSA's in the Southern region</u>													
	Number					1,000 dollars							
Mean, weighted	--	--	--	--		370	528	537	605	431	580	583	497
Mean, unweighted	14	15	19	34		355	505	515	684	413	555	559	563
Standard deviation	3	4	9	33		229	379	315	466	266	417	342	383
Number of SMSA's	79	79	79	90	Number	79	79	79	90	79	79	79	90
<u>SMSA's in the Western region</u>													
	Number					1,000 dollars							
Mean, weighted	--	--	--	--		835	1,301	1,268	1,061	974	1,430	1,375	873
Mean, unweighted	17	17	25	51		611	937	935	957	712	1,029	1,014	787
Standard deviation	11	17	29	64		469	610	581	400	546	670	630	329
Number of SMSA's	31	31	32	36	Number	31	31	32	36	31	31	32	36

Continued--

See footnotes at end of table.

Table 44--Number of stores and sales per store of the 9th-20th largest grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio 1/--Continued

Item	Grocery stores				Sales per store									
					Actual				Deflated 2/					
	1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972		
<u>SMSA's with 1972 four-firm concentration ratios of 60 percent or over</u>														
	Number				1,000 dollars									
Mean, weighted	--	--	--	--	323	464	509	561	377	510	552	461		
Mean, unweighted	14	13	15	20	310	454	490	632	362	499	532	520		
Standard deviation	2	3	7	24	191	319	269	378	222	350	292	311		
Number of SMSA's	50	51	51	59	50	51	51	59	50	51	51	59		
<u>SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent</u>														
	Number				1,000 dollars									
Mean, weighted	--	--	--	--	442	675	702	889	515	742	761	731		
Mean, unweighted	14	14	17	27	420	645	682	975	489	709	739	802		
Standard deviation	2	3	8	22	293	520	489	692	341	572	530	569		
Number of SMSA's	60	60	62	73	60	60	62	73	60	60	62	73		
<u>SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent</u>														
	Number				1,000 dollars									
Mean, weighted	--	--	--	--	558	814	952	976	650	894	1,033	803		
Mean, unweighted	15	15	19	38	507	739	879	1,060	591	812	953	872		
Standard deviation	5	5	12	35	336	519	590	749	392	570	640	616		
Number of SMSA's	70	73	74	87	70	73	74	87	70	73	74	87		
<u>SMSA's with 1972 four-firm concentration ratios less than 40 percent</u>														
	Number				1,000 dollars									
Mean, weighted	--	--	--	--	793	1,226	1,248	1,421	924	1,348	1,353	1,169		
Mean, unweighted	28	28	38	57	629	915	1,173	1,648	733	1,005	1,272	1,355		
Standard deviation	48	50	73	85	495	582	685	902	577	639	743	742		
Number of SMSA's	21	21	21	23	21	21	21	23	21	21	21	23		

-- = Not applicable. 1/ 1967 data not available for the 9th-20th largest grocery firms. 2/ Deflated by the Consumer Price Index, Food at Home, 1967 = 100. Index values are 85.8, 91.0, 92.2, and 121.6 for 1954, 1958, 1963, and 1972, respectively. Sources: Tables 13 and 43 and appendix A.



TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-1972 1/

SMSA	GROCERY STORES										SALES PER STORE										DEFLATED 1/									
	NUMBER										CURRENT										1954 : 1958 : 1963 : 1967 : 1972 : 1954 : 1958 : 1963 : 1967 : 1972									
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
ABILENE TX:	165	166	146	141	131	141	178	214	242	367	164	196	232	242	302	164	196	232	242	302	164	196	232	242	302	164	196	232	242	302
AKRON OH:	598	494	442	448	405	170	261	389	478	768	198	286	422	478	631	198	286	422	478	631	198	286	422	478	631	198	286	422	478	631
ALBANY GA:	119	96	116	108	111	113	145	159	202	371	131	160	172	202	305	131	160	172	202	305	131	160	172	202	305	131	160	172	202	305
ALBANY-SCHENECTADY NY:	1,058	1,034	964	808	715	129	175	213	322	534	150	192	231	322	439	150	192	231	322	439	150	192	231	322	439	150	192	231	322	439
ALBUQUERQUE NM:	282	215	189	165	245	151	299	378	522	595	176	329	410	522	489	176	329	410	522	489	176	329	410	522	489	176	329	410	522	489
ALEXANDRIA LA:	NA	NA	NA	NA	223	NA	NA	NA	NA	250	NA	NA	NA	NA	206	NA	NA	NA	NA	206	NA	NA	NA	NA	206	NA	NA	NA	NA	206
ALLEN-CROWN-BETHLEH PA:	1,005	846	757	609	541	94	138	189	302	521	110	151	205	302	429	110	151	205	302	429	110	151	205	302	429	110	151	205	302	429
ALTOONA PA:	252	208	189	165	141	110	134	203	256	406	128	148	221	256	334	128	148	221	256	334	128	148	221	256	334	128	148	221	256	334
AMARILLO TX:	126	136	132	153	109	217	262	319	312	684	253	288	346	312	563	253	288	346	312	563	253	288	346	312	563	253	288	346	312	563
ANAPHEIM-SANTA ANA CA:	307	343	426	731	613	278	484	699	623	1,185	324	532	758	623	975	324	532	758	623	975	324	532	758	623	975	324	532	758	623	975
ANCHORAGE AK:	NA	NA	NA	NA	51	NA	NA	NA	NA	1,492	NA	NA	NA	NA	1,227	NA	NA	NA	NA	1,227	NA	NA	NA	NA	1,227	NA	NA	NA	NA	1,227
ANDERSON IN:	146	137	117	86	77	188	263	359	567	829	219	289	390	567	682	219	289	390	567	682	219	289	390	567	682	219	289	390	567	682
ANN ARBOR MI:	164	141	143	115	101	220	299	400	703	1,312	257	329	434	703	1,079	257	329	434	703	1,079	257	329	434	703	1,079	257	329	434	703	1,079
APPLETON-OSHKOSH WI:	NA	NA	NA	NA	145	NA	NA	NA	NA	758	NA	NA	NA	NA	623	NA	NA	NA	NA	623	NA	NA	NA	NA	623	NA	NA	NA	NA	623
ASHEVILLE NC:	272	203	225	165	193	89	150	180	276	407	104	165	195	276	334	104	165	195	276	334	104	165	195	276	334	104	165	195	276	334
ATLANTA GA:	1,160	1,293	1,266	1,271	1,602	158	180	252	347	454	184	205	273	347	473	184	205	273	347	473	184	205	273	347	473	184	205	273	347	473
ATLANTIC CITY NJ:	287	298	249	212	156	129	150	220	293	564	150	165	239	293	463	150	165	239	293	463	150	165	239	293	463	150	165	239	293	463
AUGUSTA GA:	492	431	426	388	353	102	108	126	179	323	119	119	137	179	265	119	119	137	179	265	119	119	137	179	265	119	119	137	179	265
AUSTIN TX:	209	216	222	223	288	175	225	257	354	581	204	247	279	354	478	204	247	279	354	478	204	247	279	354	478	204	247	279	354	478
BAKERSFIELD CA:	368	387	316	302	255	182	216	293	374	578	212	237	318	374	475	212	237	318	374	475	212	237	318	374	475	212	237	318	374	475
BALTIMORE MD:	2,441	2,465	2,009	1,845	1,433	127	168	231	335	646	148	185	250	335	531	148	185	250	335	531	148	185	250	335	531	148	185	250	335	531
BATON ROUGE LA:	308	325	232	306	455	119	169	298	307	424	138	186	324	307	349	138	186	324	307	349	138	186	324	307	349	138	186	324	307	349
BATTLE CREEK MI:	NA	NA	NA	NA	126	NA	NA	NA	NA	703	NA	NA	NA	NA	579	NA	NA	NA	NA	579	NA	NA	NA	NA	579	NA	NA	NA	NA	579
BAY CITY MI:	187	170	150	117	91	112	155	206	350	603	130	170	223	350	496	130	170	223	350	496	130	170	223	350	496	130	170	223	350	496
BEAUMONT-PORT ART TX:	439	481	429	437	465	133	194	230	258	371	156	214	250	258	335	156	214	250	258	335	156	214	250	258	335	156	214	250	258	335
BELLINGHAM MT:	88	84	73	68	61	197	267	367	461	647	229	293	398	461	532	229	293	398	461	532	229	293	398	461	532	229	293	398	461	532
BILOXI-GULFPORT MS:	NA	NA	NA	187	233	NA	NA	NA	199	300	NA	NA	NA	199	247	NA	NA	NA	199	247	NA	NA	NA	NA	199	247	NA	NA	NA	247
BINGHAMTON NY:	362	302	402	352	283	133	193	232	350	554	155	212	251	350	455	155	212	251	350	455	155	212	251	350	455	155	212	251	350	455
BIRMINGHAM AL:	1,193	1,033	924	988	950	103	145	188	242	373	120	160	204	242	307	120	160	204	242	307	120	160	204	242	307	120	160	204	242	307
BLOOMINGTON-NORMA IL:	NA	NA	NA	70	54	NA	NA	NA	NA	735	NA	NA	NA	NA	605	NA	NA	NA	NA	605	NA	NA	NA	NA	NA	NA	NA	NA	NA	605
BOISE CITY ID:	107	115	72	81	90	171	254	397	448	627	199	279	430	448	515	199	279	430	448	515	199	279	430	448	515	199	279	430	448	515
BOSTON MA:	2,984	3,230	2,614	1,853	1,670	208	216	322	498	793	242	237	349	498	632	242	237	349	498	632	242	237	349	498	632	242	237	349	498	632
BRIDGEPORT CT:	480	440	440	351	309	148	211	275	406	656	172	232	298	406	539	172	232	298	406	539	172	232	298	406	539	172	232	298	406	539
BRISTOL CT:	NA	NA	NA	NA	36	NA	NA	NA	NA	861	NA	NA	NA	NA	708	NA	NA	NA	NA	708	NA	NA	NA	NA	708	NA	NA	NA	NA	708
BROCKTON MA:	225	171	174	137	102	157	233	312	454	760	183	256	339	454	625	183	256	339	454	625	183	256	339	454	625	183	256	339	454	625
BROWN-SVILLE-HARLI TX:	294	268	257	231	221	84	104	117	167	304	98	114	127	167	250	98	114	127	167	250	98	114	127	167	250	98	114	127	167	250

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMA	GROCERY STORES										SALES PER STORE										DEFLATED 1/									
	NUMBER										1,000 DOLLARS																			
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
BRYAN-COLLEGE STA TX:	NA	NA	NA	NA	74	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BUFFALO NY:	1,490	2,132	1,626	1,214	993	175	159	228	360	565	439	360	204	175	NA	NA	247	360	465	361	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BURLINGTON NC:	NA	NA	NA	NA	159	NA	NA	NA	NA	306	306	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CANTON OH:	496	398	313	295	243	150	211	277	481	675	675	174	174	232	300	300	300	481	555	252	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CEDAR RAPIDS IA:	178	139	125	97	77	143	289	336	561	925	925	167	167	318	364	364	364	561	761	555	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHAMPAIGN-URBANA-IL:	114	86	82	58	55	195	343	454	859	1,047	1,047	228	228	377	493	493	493	859	861	861	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHARLESTON SC:	397	378	453	382	472	93	117	117	189	320	320	108	108	130	127	127	127	189	263	263	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHARLESTON WV:	775	532	404	326	308	93	133	177	261	421	421	109	109	146	192	192	192	261	346	346	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHARLOTTE-GASTONI NC:	351	401	494	464	680	120	166	199	269	404	404	139	139	183	216	216	216	269	332	332	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHATTANOOGA TN:	644	572	514	426	460	97	153	168	259	432	432	114	114	168	182	182	182	259	355	355	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CHICAGO IL:	7,435	6,811	5,789	4,802	4,137	169	241	336	503	738	738	197	197	264	364	364	364	503	607	607	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CINCINNATI OH:	1,461	1,626	1,687	1,423	1,165	149	172	218	305	473	473	174	174	190	237	237	237	305	389	389	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CLEVELAND OH:	1,847	2,187	1,996	1,646	1,467	193	219	288	442	639	639	224	224	240	312	312	312	442	526	526	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COLORADO SPRINGS CO:	107	95	84	101	115	229	329	496	525	846	846	267	267	351	538	538	538	525	696	696	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COLUMBIA MO:	NA	NA	NA	NA	44	NA	NA	NA	NA	780	780	NA	NA	NA	NA	NA	NA	NA	642	642	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COLUMBIA SC:	294	423	475	459	445	103	107	123	172	310	310	120	120	118	133	133	133	172	255	255	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COLUMBUS GA:	508	636	384	369	339	70	94	123	156	238	238	82	82	104	133	133	133	156	196	196	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
COLUMBUS OH:	737	656	682	666	668	165	267	349	432	705	705	215	215	294	378	378	378	432	580	580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CORPUS CHRISTI TX:	339	327	263	344	305	146	203	236	270	437	437	171	171	223	256	256	256	270	360	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DALLAS TX:	1,073	1,401	1,293	1,509	NA	193	220	294	326	NA	NA	225	225	242	319	319	319	326	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DALLAS-FT WORTH TX:	NA	NA	NA	NA	2,310	NA	NA	NA	NA	506	506	NA	NA	NA	NA	NA	NA	NA	416	416	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DANBURY CT:	NA	NA	NA	NA	83	NA	NA	NA	NA	827	827	204	204	271	347	347	347	498	724	724	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DAVENPORT-ROCK IS IA:	340	262	300	246	180	175	246	320	498	881	881	204	204	271	347	347	347	498	585	585	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DAYTON OH:	643	713	670	554	525	196	246	332	508	712	712	229	229	271	360	360	360	508	585	585	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DAYTONA BEACH FL:	NA	NA	NA	NA	216	NA	NA	NA	NA	510	510	NA	NA	NA	NA	NA	NA	NA	419	419	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DECATUR IL:	144	110	94	72	42	188	315	374	616	1,261	1,261	219	219	346	406	406	406	616	1,037	1,037	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DENVER-Boulder CO:	695	646	625	602	557	259	352	489	618	1,144	1,144	302	302	387	530	530	530	618	941	941	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DES MOINES IA:	381	311	211	168	166	148	243	418	684	947	947	173	173	267	454	454	454	684	779	779	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DETROIT MI:	4,591	4,172	3,802	3,133	2,925	182	243	293	466	709	709	212	212	267	318	318	318	466	583	583	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUBUQUE IA:	148	105	74	74	57	110	183	299	371	701	701	129	129	201	325	325	325	371	577	577	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DULUTH-SUPERIOR MN:	613	446	340	290	226	104	168	218	308	437	437	121	121	185	237	237	237	308	360	360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DURHAM NC:	229	215	251	262	NA	88	116	128	225	NA	NA	103	103	127	138	138	138	225	326	326	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EL PASO TX:	403	342	331	356	346	133	201	215	239	396	396	154	154	221	233	233	233	239	326	326	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EL PASO NY:	NA	NA	NA	NA	92	NA	NA	NA	NA	554	554	NA	NA	NA	NA	NA	NA	NA	456	456	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ELMIRA PA:	401	364	328	257	225	130	172	216	323	529	529	152	152	189	234	234	234	323	435	435	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ERIE PA:	252	206	185	188	202	152	191	306	355	537	537	177	177	210	331	331	331	355	442	442	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EUGENE-SPRINGFIELD OR:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA	GROCERY STORES					SALES PER STORE										DEFLATED 1/				
						CURRENT														
	1954 : 1958 : 1963 : 1967 : 1972					1954 : 1958 : 1963 : 1967 : 1972					1954 : 1958 : 1963 : 1967 : 1972					1954 : 1958 : 1963 : 1967 : 1972				
	NUMBER										1,000 DOLLARS									
EVANSVILLE IN:	292	310	298	233	218	140	179	208	383	577	163	196	225	383	474					
FALL RIVER MA:	225	245	243	134	110	118	131	159	320	606	137	144	172	320	498					
FARGO-MOORHEAD ND:	144	128	130	107	98	119	180	278	342	501	139	198	301	342	412					
FAYETTEVILLE NC:	NA	NA	NA	246	295	NA	NA	NA	161	291	NA	NA	NA	161	240					
FAYETTEVILLE-SPRI AR:	NA	NA	NA	NA	151	NA	NA	NA	NA	444	NA	NA	NA	NA	365					
FITCHBURG-LEOMINS MA:	NA	111	92	66	50	NA	208	326	463	973	NA	229	353	463	800					
FLINT MI:	449	397	407	360	334	197	255	337	504	778	229	280	365	504	640					
FLORENCE AL:	NA	NA	NA	NA	230	NA	NA	NA	NA	211	NA	NA	NA	NA	174					
FORT LAUDERDALE-H FL:	171	249	355	408	505	266	382	419	503	828	310	420	455	503	681					
FORT MYERS FL:	NA	NA	NA	NA	130	NA	NA	NA	NA	543	NA	NA	NA	NA	447					
FORT SMITH AR:	154	163	250	254	226	107	120	148	192	322	125	132	161	192	265					
FORT WAYNE IN:	215	139	133	118	170	164	433	540	849	918	191	475	585	849	755					
FORT WORTH TX:	715	667	599	636	NA	173	250	320	384	NA	201	275	347	384	NA					
FRESNO CA:	585	533	447	420	431	140	208	289	336	495	163	228	314	336	407					
FADSNO AL:	314	199	208	196	157	62	105	115	139	269	72	115	125	139	221					
GAINESVILLE FL:	NA	NA	NA	NA	128	NA	NA	NA	NA	466	NA	NA	NA	NA	383					
GALVESTON-TEXAS C TX:	227	222	138	218	214	129	197	254	281	379	150	217	276	281	311					
GARY-HAMMOND-EAST IN:	762	678	550	444	369	151	236	337	515	828	175	259	366	515	681					
GRAND RAPIDS MI:	413	383	417	344	271	192	251	360	617	1,210	224	275	391	617	995					
GREAT FALLS MT:	82	92	70	62	58	183	210	379	448	609	213	231	411	448	501					
GREEN BAY WI:	162	140	126	108	89	175	254	287	413	746	204	279	311	413	613					
GREENSBORO-HIGH P NC:	467	406	439	NA	NA	98	144	169	NA	NA	114	158	183	NA	NA					
GREENSBORO-WINSTO NC:	NA	NA	NA	875	940	NA	NA	NA	219	345	NA	NA	NA	219	284					
GREENVILLE-SPARTA SC:	386	354	457	397	648	151	139	169	245	363	117	152	183	245	298					
GREENVILLE-SPARTA OH:	306	252	245	216	199	122	196	235	302	499	142	215	255	302	411					
HAMILTON-MIDOLETO PA:	570	509	479	388	364	110	158	217	320	538	128	185	236	320	442					
HARRISBURG CT:	462	507	443	400	410	211	303	452	592	786	246	333	490	592	647					
HARTFORD CT:	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
HONOLULU HI:	492	491	396	358	314	148	216	340	489	894	172	237	369	489	735					
HOUSTON TX:	1,477	1,711	1,573	2,021	2,226	185	224	284	325	483	216	246	308	325	397					
HUNTINGTON-ASHLAN WV:	669	593	551	436	385	81	111	133	201	359	95	122	144	201	295					
HUNTSVILLE AL:	294	261	352	307	404	64	112	149	218	286	75	123	161	218	235					
INDIANAPOLIS IN:	682	648	736	610	609	209	278	365	592	792	243	305	396	592	651					
JACKSON MI:	202	156	141	118	107	132	215	287	426	637	154	237	311	426	524					
JACKSON MS:	287	326	332	339	359	114	148	174	240	354	133	162	188	240	291					
JACKSON FL:	566	594	604	620	749	176	200	237	280	375	205	220	257	280	308					
JACKSONVILLE FL:	971	977	854	768	585	123	135	181	244	351	144	148	196	244	288					

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 45---NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA	GROCERY STORES		SALES PER STORE												
			CURRENT												
			DEFLATED 1/												
	1954 : 1958	1963 : 1972	1954 : 1958	1963 : 1972	1954 : 1958	1963 : 1972	1954 : 1958	1963 : 1972	1954 : 1958	1963 : 1972	1954 : 1958	1963 : 1972	1954 : 1958	1963 : 1972	
		NUMBER										1,000 DOLLARS			
JOHNSTOWN PA:	582	496	477	376	282	89	126	148	198	364	103	138	161	198	299
KALAMAZOO-PORTAGE MI:	167	162	139	107	142	188	312	369	759	956	220	342	401	759	786
KANSAS CITY MO:	1,180	927	746	784	710	188	318	454	566	828	219	350	492	566	681
KENOSHA WI:	160	122	125	105	86	119	178	262	340	586	138	196	284	340	482
KILLEEN-TEMPLE TX:	NA	NA	NA	NA	182	NA	NA	NA	NA	335	NA	NA	NA	NA	276
KINGSFORD-BRISTOL TN:	NA	NA	NA	NA	435	NA	NA	NA	NA	233	NA	NA	NA	NA	191
KNOXVILLE TN:	662	628	538	473	487	120	141	195	272	397	140	155	212	272	326
LA CROSSE WI:	NA	NA	NA	NA	58	NA	NA	NA	NA	584	NA	NA	NA	NA	481
LAFAYETTE LA:	196	168	136	185	174	43	82	133	174	310	50	90	145	174	255
LAFAYETTE-WEST LA IN:	NA	NA	NA	47	43	NA	NA	NA	835	1,139	NA	NA	NA	835	937
LAKE CHARLES LA:	243	220	189	193	193	82	133	163	249	343	95	147	176	249	282
LAKELAND-WINTER H FL:	NA	NA	NA	NA	302	192	138	177	267	439	NA	NA	NA	NA	358
LANCASTER PA:	406	387	372	320	281	192	238	329	428	685	119	151	192	267	361
LANSING-EAST LANS MI:	242	336	302	281	261	203	238	329	428	685	237	261	357	428	564
LAREDO TX:	113	103	126	114	115	98	120	113	202	363	114	132	123	202	299
LAREDC TX:	113	103	126	114	115	98	120	113	202	363	114	132	123	202	299
LAS VEGAS NV:	56	68	89	121	166	492	590	833	851	1,020	574	648	904	851	839
LAWRENCE-HAVERHIL MA:	234	365	292	222	179	98	136	220	351	693	114	150	239	351	570
LAWTON OK:	113	81	75	81	83	117	169	246	276	367	136	185	267	276	302
LEWISTON-AUBURN ME:	NA	154	135	117	91	NA	133	175	243	448	NA	146	190	243	368
LEXINGTON KY:	184	165	167	162	255	128	200	267	371	490	149	220	290	371	403
LIMA OH:	161	144	87	141	170	137	202	343	380	504	160	222	372	380	415
LINCOLN NE:	128	108	94	102	66	182	323	432	476	967	212	355	469	476	795
LITTLE ROCK-NORTH AR:	513	509	368	384	312	88	118	183	251	462	103	130	199	251	380
LONG BRANCH-ASBUR NJ:	NA	NA	NA	NA	278	NA	NA	NA	NA	957	NA	NA	NA	NA	787
LORAIN-ELYRIA OH:	233	243	210	208	165	177	215	285	397	679	206	236	309	397	558
LOS ANGELES-LONG CA:	4,178	4,109	3,865	3,693	3,213	331	448	563	693	1,020	386	493	611	693	839
LOUISVILLE KY:	1,004	982	794	725	611	149	184	268	366	624	174	202	291	366	513
LOWELL MA:	193	224	183	121	115	150	162	275	525	780	175	178	298	525	642
LUBBOCK TX:	214	187	169	163	151	146	207	315	314	541	170	228	341	314	445
LYNCHBURG VA:	232	202	241	214	185	86	124	140	208	356	100	137	152	208	293
MACON GA:	328	297	313	269	298	97	130	162	254	346	113	143	176	254	285
MADISON WI:	247	234	212	190	165	160	209	288	421	781	186	229	312	421	642
MANCHESTER NH:	191	186	162	132	135	129	160	233	308	554	150	176	252	308	456
MANSFIELD OH:	NA	NA	NA	99	78	NA	NA	NA	440	723	NA	NA	NA	440	595
MCALLEN-PHARR-EDI TX:	NA	NA	NA	330	302	NA	NA	NA	129	208	NA	NA	NA	129	171
MELBOURNE-TITUSVI FL:	NA	NA	NA	NA	186	NA	NA	NA	NA	600	NA	NA	NA	NA	494

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA	GROCERY STORES					SALES PER STORE					DEFLATED 1/				
						CURRENT									
	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
MEMPHIS	903	878	837	793	932	140	172	220	268	391	163	189	239	268	321
CT:	91	69	47	50	43	120	196	295	415	608	140	216	320	415	500
MERIDEN	713	799	938	930	1,076	272	333	389	462	629	317	366	422	462	517
FL:	55	48	61	52	64	263	430	362	367	438	306	472	393	367	360
MIAMI	1,293	1,265	1,049	958	749	166	240	347	467	796	193	263	376	467	655
MIDLAND	1,679	1,485	1,203	1,020	1,005	161	239	366	504	782	187	263	397	504	643
MILWAUKEE	472	419	501	434	458	122	170	199	245	376	142	187	216	245	309
MINNEAPOLIS-ST PA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MN:	219	221	153	200	194	75	91	163	174	351	87	100	177	174	289
MOBILE	303	251	354	299	334	94	133	143	207	285	109	147	155	207	235
AL:	136	103	97	68	65	175	281	297	594	815	204	399	322	594	671
MONTGOMERY	239	205	181	146	127	150	203	288	432	779	175	223	313	432	640
MUNCIE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	781
MUSKEGON-MUSKEGON	574	575	713	655	860	139	208	193	306	401	162	228	209	306	330
NASHUA	NA	NA	NA	NA	1,610	NA	NA	NA	NA	882	NA	NA	NA	NA	726
NASHVILLE-DAVIDSO	229	266	257	141	129	152	132	175	330	519	177	145	190	330	427
NY:	248	175	139	115	96	150	203	285	370	708	175	223	309	370	583
NASSAU-SUFFOLK	NA	NA	NA	NA	315	NA	NA	NA	NA	952	NA	NA	NA	NA	783
NEW BEDFORD	524	453	401	314	341	125	185	280	399	604	146	203	304	399	497
MA:	NA	NA	198	152	187	NA	NA	299	401	643	NA	NA	324	401	528
NEW BRITAIN	1,499	1,436	971	1,152	992	91	167	275	335	579	106	184	298	335	476
CT:	12,225	13,084	11,663	10,497	7,885	162	202	265	348	504	189	222	288	348	415
NEW HAVEN-WEST HA	1,986	1,854	1,636	1,429	1,176	180	238	304	456	821	210	252	330	456	675
NEW LONDON-NORWIC	221	233	230	193	244	177	218	268	415	565	206	240	291	415	465
NEW ORLEANS	684	649	558	494	526	158	222	273	386	547	184	244	296	386	450
NEW YCRK	NA	NA	NA	NA	845	NA	NA	NA	NA	342	NA	NA	NA	NA	282
NEWARK	NA	NA	191	92	95	NA	NA	396	576	706	NA	NA	429	576	581
NEWPORT NEWS-HAMP	80	102	86	91	93	243	291	354	363	467	284	320	384	363	384
NORFOLK-VIRGINIA	161	80	73	69	NA	223	357	495	NA	NA	260	393	537	NA	NA
NORTH EAST PENNSYL	565	514	461	450	528	158	243	372	459	652	185	267	403	459	536
PA:	560	499	344	293	215	160	227	387	591	1,044	186	250	420	591	858
NORWALK	250	306	377	377	416	163	243	299	340	577	190	267	325	340	474
ODESSA	NA	NA	NA	NA	92	NA	NA	NA	NA	411	NA	NA	NA	NA	338
OGDEN	NA	NA	NA	NA	174	NA	NA	NA	633	1,066	NA	NA	NA	633	877
OKLAHOMA CITY	NA	NA	NA	NA	148	NA	NA	NA	NA	473	NA	NA	NA	NA	389
OMAHA	1,239	1,261	1,173	1,031	311	194	240	329	487	695	227	264	357	487	572
ORLANDO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OWENSBORO	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OXNARD-SIMI VALLE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PARKERSBURG-MARIE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PATERSON-CLIFTON	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NJ:	1,239	1,261	1,173	1,031	311	194	240	329	487	695	227	264	357	487	572

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA	GROCERY STORES										SALES PER STORE									
	NUMBER										1,000 DOLLARS									
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
PENSACOLA	338	272	313	287	303	93	161	171	230	361	108	177	185	230	297					
PEORIA	369	302	291	238	237	162	249	323	526	762	189	273	350	526	626					
PETERSBURG-COLONI	NA	NA	NA	NA	142	123	164	226	NA	426	NA	NA	NA	NA	351					
PHILADELPHIA	6,730	6,106	5,308	4,738	3,926	175	287	370	490	720	204	315	401	490	458					
PHOENIX	614	540	618	658	788	175	287	370	490	720	204	315	401	490	592					
PINE BLUFF	243	178	144	152	138	68	93	140	182	276	79	112	152	182	227					
PITTSBURGH	3,952	3,240	2,847	2,515	1,845	129	194	237	314	508	151	214	257	314	418					
PITTSFIELD	68	96	87	65	60	217	235	340	526	797	252	258	369	526	656					
PORTLAND	276	269	235	202	212	121	154	230	345	494	141	170	249	345	436					
PORTLAND	1,029	915	737	708	763	189	264	332	461	778	220	290	369	461	540					
POUGHKEEPSIE	NA	NA	NA	NA	157	118	159	224	414	608	137	174	243	414	500					
PROVIDENCE-WARVIC	1,316	1,270	1,033	693	625	169	251	304	456	712	196	276	330	456	577					
PROVO-OREM	94	81	84	70	67	146	209	265	388	544	170	230	287	388	448					
PUEBLO	166	136	123	97	100	142	267	308	472	739	163	294	334	472	568					
RACINE	183	159	132	121	103	93	157	127	179	NA	109	173	138	179	NA					
RALEIGH	288	259	398	365	NA	NA	NA	NA	NA	365	NA	NA	NA	NA	300					
RALEIGH-DURHAM	NA	NA	NA	NA	587	120	138	194	263	465	140	151	210	263	383					
READING	449	408	366	294	264	120	138	194	263	465	140	151	210	263	383					
RENO	64	68	58	56	72	244	408	773	944	1,187	285	449	838	944	976					
RICHLAND-KINNEWIC	NA	NA	NA	NA	68	NA	NA	NA	NA	688	NA	NA	NA	NA	566					
RICHMOND	590	547	488	475	421	138	205	263	393	646	161	225	285	393	533					
RIVERSIDE-SAN BER	642	714	692	747	782	219	319	412	499	705	256	351	447	499	580					
ROANOKE	251	247	230	219	234	115	164	211	289	456	134	180	229	289	375					
ROCHESTER	NA	NA	NA	NA	37	NA	NA	NA	NA	760	NA	NA	NA	NA	625					
ROCHESTER	726	678	857	741	682	169	228	277	425	703	197	250	300	425	579					
ROCKFORD	260	207	203	161	140	145	273	368	600	901	169	300	399	600	741					
SACRAMENTO	439	402	495	534	546	225	344	493	544	783	252	378	535	544	644					
SAGINAW	253	237	224	192	162	132	192	253	369	680	153	211	275	369	559					
ST CLOUD	NA	NA	NA	NA	90	NA	NA	NA	NA	517	NA	NA	NA	NA	425					
ST JOSEPH	166	127	100	82	72	136	206	288	390	618	158	227	312	390	508					
ST LOUIS	2,560	2,422	2,202	1,877	1,461	172	228	293	417	714	201	251	317	417	587					
SALEM	NA	NA	NA	156	154	NA	NA	NA	385	618	NA	NA	NA	385	508					
SALINAS-SEASIDE-M	NA	NA	NA	160	156	NA	NA	NA	439	726	NA	NA	NA	439	597					
SALT LAKE CITY	358	328	310	295	NA	196	294	452	547	NA	229	323	491	547	NA					
SALT LAKE CITY-06	NA	NA	NA	NA	373	NA	NA	NA	NA	832	NA	NA	NA	NA	685					
SAN ANGELO	113	88	101	76	93	158	207	198	312	383	185	228	215	312	315					

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--



TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA	GROCERY STORES			SALES PER STORE									
				CURRENT			DEFLATED 1/						
	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972	1954 : 1958	1963 : 1967	1972	1972
	NUMBER	NUMBER	NUMBER	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS	1,000 DOLLARS
SAN ANTONIO	TV: 1,065	944	932	963	1,037	NA	110	179	185	226	344	129	186
SAN DIEGO	CA: 686	746	697	962	777	NA	243	329	403	404	775	283	361
SAN FRANCISCO-OAK	CA: 3,418	2,963	2,677	2,535	2,203	NA	175	258	361	463	717	204	283
SAN JOSE	CA: 461	417	440	502	527	NA	227	398	564	710	917	265	437
SANTA BARBARA-SAN	CA: 159	141	135	149	152	NA	190	286	535	556	804	221	315
SANTA CRUZ	CA: NA	NA	NA	NA	126	NA	NA	NA	NA	NA	727	NA	NA
SANTA ROSA	CA: NA	NA	NA	NA	182	NA	NA	NA	NA	NA	690	NA	NA
SARASOTA	FL: NA	NA	NA	NA	99	NA	NA	NA	NA	NA	820	NA	NA
SAVANNAH	GA: 278	247	222	194	233	NA	115	159	211	308	397	134	174
SCRAJTON	PA: 795	635	514	408	NA	NA	68	108	127	202	NA	79	119
SEATTLE-EVERETT	WA: 1,047	1,257	1,072	953	966	NA	175	265	366	541	742	204	292
SHERMAN-DENISON	TX: NA	NA	NA	NA	121	NA	NA	NA	NA	NA	290	NA	NA
SHREVEPORT	LA: 515	466	381	435	448	NA	102	134	196	209	339	118	147
SILOUX CITY	IA: 178	135	135	99	88	NA	146	223	291	436	577	170	245
SILOUX FALLS	SD: 92	89	57	48	55	NA	173	247	418	578	712	202	271
SOUTH BEND	IN: 338	269	252	198	155	NA	150	209	299	479	771	175	230
SPOKANE	WA: 338	297	237	202	177	NA	188	281	344	475	744	219	308
SPRINGFIELD	IL: 231	194	153	120	104	NA	142	234	298	475	797	166	257
SPRINGFIELD	MO: 236	199	142	149	141	NA	97	149	244	325	552	113	164
SPRINGFIELD	OH: 194	150	152	121	143	NA	143	221	253	437	545	167	243
SPRINGFIELD-CHICO	MA: 671	567	516	391	317	NA	169	222	301	454	665	197	244
STAMFORD	CT: 297	188	190	178	146	NA	239	323	398	518	856	279	355
STEUBENVILLE-WEIR	OH: NA	333	282	237	180	NA	NA	122	172	230	401	NA	134
STOCKTON	CA: 308	298	295	258	233	NA	162	207	277	404	550	189	228
SYRACUSE	NY: 568	723	661	598	473	NA	163	203	278	371	652	190	223
TACOMA	WA: 454	342	268	233	226	NA	136	237	304	518	684	159	261
TALLAHASSEE	FL: NA	NA	NA	110	137	NA	NA	NA	NA	217	428	NA	NA
TAMPA-ST PETERSBU	FL: 660	895	905	904	1,039	NA	134	214	276	331	561	156	235
TERRE HAUTE	IN: 234	206	317	237	163	NA	95	132	151	233	461	111	145
TEXARKANA	TX: 285	242	204	216	212	NA	60	94	127	152	243	70	103
TOLEDO	OH: 555	482	550	464	506	NA	189	275	347	515	704	221	302
TOPEKA	KS: 164	122	85	93	115	NA	180	317	503	537	666	210	348
TRENTON	NJ: 446	422	338	289	218	NA	129	170	232	352	699	151	186
TUCSON	AZ: 260	236	273	284	340	NA	185	281	308	395	586	216	309
TULSA	OK: 436	471	418	447	515	NA	153	230	303	370	526	178	253
TUSCALOOSA	AL: 222	197	222	177	185	NA	68	109	128	200	289	80	120

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

TABLE 45--NUMBER OF GROCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS,  
SMSA'S, CENSUS YEARS 1954-72 1/--CONTINUED

SMSA	GROCERY STORES										SALES PER STORE										DEFLATED 1/									
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	NUMBER										1,000 DOLLARS																			
TYLER TX:	166	173	136	132	126	111	155	221	237	373	130	171	239	237	307															
UTICA-ROME NY:	595	440	463	399	303	117	184	214	292	456	136	202	232	292	375															
VALLEJO-FAIRFIELD CA:	NA	NA	143	152	155	NA	NA	405	510	731	NA	NA	440	510	601															
VINELAND-MILLVILL NJ:	NA	NA	NA	152	137	NA	NA	NA	308	484	NA	NA	NA	308	398															
WACO TX:	367	288	262	261	220	107	131	162	191	327	125	143	176	191	269															
WASHINGTON DC:	1,578	1,631	1,388	1,468	1,343	270	345	492	641	1,018	315	380	533	641	837															
WATERBURY CT:	328	246	238	205	201	130	193	267	370	489	152	212	289	370	402															
WATERLOO-CEDAR FA IA:	158	125	107	86	72	152	257	313	504	782	177	282	339	504	643															
WEST PALM BEACH-B FL:	189	260	305	311	360	211	263	309	404	648	246	289	335	404	533															
WHEELING WV:	NA	445	351	267	208	NA	115	159	241	420	NA	126	172	241	345															
WHEELING-STEUBENV WV:	889	NA	NA	NA	NA	90	NA	NA	NA	NA	105	NA	NA	NA	NA															
WICHITA KS:	283	289	252	247	205	256	338	434	534	797	298	371	471	534	655															
WICHITA FALLS TX:	183	147	143	153	123	137	200	232	232	375	160	220	242	232	309															
WILKES BARRE-HAZL PA:	1,054	915	801	638	NA	72	97	119	177	NA	84	107	129	177	NA															
WILLIAMSPORT PA:	NA	NA	NA	98	NA	NA	NA	NA	NA	523	NA	NA	NA	NA	430															
WILMINGTON DE:	488	461	485	369	363	145	208	274	432	694	169	229	297	432	570															
WILMINGTON NC:	NA	NA	NA	206	194	NA	NA	NA	165	323	NA	NA	NA	165	266															
WINSTON SALEM NC:	371	323	335	NA	NA	83	123	160	NA	NA	97	135	174	NA	NA															
WORCESTER MA:	419	371	316	246	224	157	211	323	500	783	183	232	351	500	644															
YAKIMA WA:	NA	NA	NA	123	123	NA	NA	NA	NA	618	NA	NA	NA	NA	508															
YORK PA:	505	396	407	326	267	81	126	181	290	515	95	138	196	290	423															
YOUNGSTOWN-WARREN OH:	894	605	527	493	429	154	206	266	359	521	179	227	288	359	429															
MEAN, WEIGHTED :	(N)	(N)	(N)	(N)	(N)	158	216	287	392	608	184	237	311	392	500															
MEAN, UNWEIGHTED :	669	633	571	505	430	150	212	284	387	607	175	233	308	387	500															
STANDARD DEVIATION :	1,211	1,205	1,056	923	716	54	78	113	149	224	62	86	123	149	184															
NUMBER OF SMSA'S :	212	215	218	229	263	212	215	218	229	263	212	215	218	229	263															

1/ "NA" DENOTES THAT DATA ARE NOT AVAILABLE AND (N) DENOTES NOT APPLICABLE.

2/ DEFLATED BY THE CONSUMER PRICE INDEX, FOOD AT HOME, 1967=100. INDEX VALUES ARE .858, .919, .922, 1.000, AND 1.216 FOR 1954, 1958, 1963, 1967, AND 1972 RESPECTIVELY.

SOURCE: BUREAU OF THE CENSUS, CENSUS OF BUSINESS, AREA SERIES, U.S. GOVT. PRINT. OFF., FOR EACH OF THE CENSUS YEARS 1954-72.

Table 46--Number of stores and sales per store of all grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio

Item	Grocery stores					Sales per store				
	1954	1958	1963	1967	1972	Actual	1954	1958	1963	Deflated 1/
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	SMSA's with 1 million or more population									
	----- Number ----- 1,000 dollars -----									
Mean, weighted	--	--	--	--	--	177	236	318	434	678
Mean, unweighted	2,345	2,319	2,057	1,881	1,659	190	262	352	462	725
Standard deviation	2,458	2,467	2,172	1,900	1,409	51	80	111	114	182
	Number									
Number of SMSA's	32	32	32	32	34	32	32	32	32	34
	SMSA's with 300,000 - 999,999 population									
	----- Number ----- 1,000 dollars -----									
Mean, weighted	--	--	--	--	--	145	203	268	371	560
Mean, unweighted	543	511	486	443	439	150	213	281	395	612
Standard deviation	257	240	216	200	205	38	61	85	131	202
	Number									
Number of SMSA's	69	69	69	71	76	69	69	69	71	76
	SMSA's with 150,000 - 299,999 population									
	----- Number ----- 1,000 dollars -----									
Mean, weighted	--	--	--	--	--	128	177	234	328	514
Mean, unweighted	280	253	235	205	197	143	201	273	375	583
Standard deviation	137	112	101	82	81	60	83	122	156	220
	Number									
Number of SMSA's	57	59	61	66	76	57	59	61	66	76
	SMSA's with less than 150,000 population									
	----- Number ----- 1,000 dollars -----									
Mean, weighted	--	--	--	--	--	122	175	232	303	491
Mean, unweighted	166	142	128	118	108	138	195	265	358	574
Standard deviation	68	55	53	53	50	52	77	116	167	247
	Number									
Number of SMSA's	43	45	46	53	77	43	45	46	53	77

See footnotes at end of table.

Continued--

Table 46--Number of stores and sales per store of all grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio--Continued

Item	Grocery stores					Sales per store									
						Actual					Deflated 1/				
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
SMSA's in the Northeastern region															
	Number					1,000 dollars									
Mean, weighted	--	--	--	--	--	145	186	251	356	594	169	205	272	356	488
Mean, unweighted	1,118	1,052	900	748	561	138	180	250	367	636	161	197	272	367	523
Standard deviation	2,073	2,104	1,823	1,618	1,159	38	47	70	98	163	44	51	76	98	134
Number of SMSA's	43	45	47	48	56	43	45	47	48	56	43	45	47	48	56
SMSA's in the North Central region															
	Number					1,000 dollars									
Mean, weighted	--	--	--	--	--	169	236	316	467	719	196	259	342	467	591
Mean, unweighted	638	578	519	426	350	161	239	323	484	746	188	263	350	484	613
Standard deviation	1,143	1,055	923	753	636	31	55	75	133	185	36	60	81	133	152
Number of SMSA's	59	60	60	63	69	59	60	60	63	69	59	60	60	63	69
SMSA's in the Southern region															
	Number					1,000 dollars									
Mean, weighted	--	--	--	--	--	133	185	236	303	465	155	203	256	303	382
Mean, unweighted	481	464	441	429	415	127	175	217	273	426	148	193	235	273	351
Standard deviation	405	419	358	382	409	50	66	79	91	140	58	72	85	91	115
Number of SMSA's	79	79	79	84	98	79	79	79	84	98	79	79	79	84	98
SMSA's in the Western region															
	Number					1,000 dollars									
Mean, weighted	--	--	--	--	--	222	322	436	541	819	259	354	473	541	674
Mean, unweighted	588	559	508	494	421	206	301	425	515	773	240	331	461	515	636
Standard deviation	887	843	768	718	590	68	89	139	131	211	79	98	150	131	173
Number of SMSA's	31	31	32	34	40	31	31	32	34	40	31	31	32	34	40

See footnotes at end of table.

Continued—

See footnotes at end of table.

Continued--

Table 46--Number of stores and sales per store of all grocery firms, census years 1954-72, SMSA summaries by population, region, and 1972 four-firm concentration ratio--Continued.

Item	Grocery stores						Sales per store					
	1954	1958	1963	1967	1972	1972	Actual	1954	1958	1963	1967	Deflated 1/
	1954	1958	1963	1967	1972	1972	1954	1958	1963	1967	1967	1972
	SMSA's with 1972 four-firm concentration ratios of 60 percent or over											
	----- Number ----- 1,000 dollars -----											
Mean, weighted	--	--	--	--	--	--	175	246	330	449	685	270
Mean, unweighted	278	263	249	223	215	215	116	237	317	448	701	261
Standard deviation	253	260	244	249	248	248	49	73	95	161	258	80
	----- Number -----											
Number of SMSA's	50	51	51	54	64	51	51	51	51	54	50	51
	SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent											
	----- Number ----- 1,000 dollars -----											
Mean, weighted	--	--	--	--	--	--	144	201	272	382	598	168
Mean, unweighted	730	688	600	505	421	421	147	210	285	383	602	221
Standard deviation	1,269	1,176	993	829	652	652	58	82	124	147	199	90
	----- Number -----											
Number of SMSA's	60	60	62	68	82	82	60	60	62	68	82	60
	SMSA's with 1972 four-firm concentration ratios of 40 - 49.99 percent											
	----- Number ----- 1,000 dollars -----											
Mean, weighted	--	--	--	--	--	--	156	214	284	393	606	182
Mean, unweighted	721	656	598	523	466	466	146	202	269	362	563	222
Standard deviation	873	789	693	574	522	522	50	75	109	135	206	58
	----- Number -----											
Number of SMSA's	70	73	74	78	93	93	70	73	74	78	93	70
	SMSA's with 1972 four-firm concentration ratios less than 40 percent											
	----- Number ----- 1,000 dollars -----											
Mean, weighted	--	--	--	--	--	--	182	233	306	394	577	212
Mean, unweighted	1,307	1,344	1,208	1,102	891	891	150	205	275	365	546	175
Standard deviation	2,581	2,770	2,473	2,193	1,614	1,614	51	75	109	135	196	59
	----- Number -----											
Number of SMSA's	21	21	21	22	24	24	21	21	21	22	24	21

-- = Not applicable. 1/ Deflated by the Consumer Price Index, Food at Home, 1967 = 100. Index values are 85.8, 91.0, 92.2, 100.0, and 121.6 for 1954, 1958, 1963, 1967, and 1972, respectively. Sources: Tables 13 and 45 and appendix A.

## APPENDIX A--DEFINITIONS AND EXPLANATIONS OF TERMS

Concentration Ratio--A measure of the size distribution of firms in a market, concentration ratio is the percentage market share accounted for by a specified number of largest firms.

$$CR_N = \sum_{i=1}^N S_i$$

where CR is concentration ratio, N is number of largest firms in the market, and  $S_i$  is the percentage market share of the  $i$ th firm. This report contains concentration ratios for the 4, 8, and 20 largest grocery firms in standard metropolitan statistical areas based on sales of small grocery stores, supermarkets, and all grocery stores.

In this report, concentration ratios are reported for SMSA's as defined by the Office of Management and Budget except that the National Commission on Food Marketing's definitions were used in 1954, 1958, and 1963 when they differed from those of the Office of Management and Budget. See Appendix B for definitions of individual SMSA's.

In 1967 and prior years, a firm's rank and size share were based on actual sales. In 1972, a firm's rank was determined by summing the sales of establishments in business all year plus the annualized sales of establishments in business only part of the year. Size share was calculated using actual sales of the establishments. Appendix E discusses the implications of this change in procedure.

Also see "marginal concentration ratio," "Herfindahl index," and "disparity index."

Convenience Store--Convenience stores are small grocery stores (about 2,500 square feet), located in local neighborhoods, that operate long hours and emphasize sales of tobacco products, beer, milk and other dairy products, magazines, candy, soft drinks, and other grocery items. They report minimal sales of fresh meat and produce.

Disclosure rules--In accordance with Federal law governing census reports (Title 13, U.S. Code), data which would disclose information about the operations of individual establishments or business organizations are suppressed by the Bureau of the Census. The number of establishments in a kind of business is not considered a disclosure, and, therefore, may appear in instances where other items of information are withheld. All other data for individual business establishments or companies must be reported in aggregates of at least three observations and still may be suppressed if one or more firms have a dominant proportion of a cell's value. The dominance ratios used are not available. In addition to the primary disclosure checks specified above, the Bureau of the Census performs complementary disclosure analyses to assure that data in one cell cannot be related to data in other cells, other special tabulations, or the Bureau's published reports to reveal information for individual business establishments or companies.



Disparity Index--Disparity index is a measure of inequality of firm size among a specified number of largest firms in a market. It is calculated using the Herfindahl index and the concentration ratio as follows:

$$D_N = \frac{H_N - L_N}{L_N} \quad \text{and} \quad L_N = (CR_N/N)^2 \cdot N,$$

where D is disparity index, H is Herfindahl index, L is the value the Herfindahl index would take if the firms were of equal size, CR is concentration ratio, and N is number of largest firms.

The disparity index expresses the amount of Herfindahl index value that is due to firm size inequality in relation to that part of the Herfindahl index value that is not due to firm size inequality. The index will reach its lower limit (zero) when the N firms are of equal size. Values of the disparity index range from 0.000 to 1.537 in this report. The value of the disparity index is not affected by differences in the average level of concentration. That is, the index value will be the same whenever firms in a specified group of leading firms have the same distribution of differences (expressed as percentages) in market share. For example, if among the four largest firm's, the second largest firm's market share equals 60 percent of the leading firm's market share, the third firm's share equals 50 percent of the second firm's share, and the fourth firm's share equals 30 percent of the third firm's share, then the value of the disparity index will be the same among markets regardless of differences in the four-firm concentration ratio or partial Herfindahl index. In this example, the value of the disparity index is .473. When the distribution is 40 percent, 50 percent, and 30 percent, the index would have the value .747. Thus, the greater the difference in market shares between the largest and second largest firms, other things equal, the higher the value of the disparity index. Furthermore, a large percentage differential between the two largest firms has a greater effect on the disparity index than does the same percentage differential between the third and fourth largest firm. The square root of the disparity index may also be useful as an alternative measure of size inequality. Also see "concentration ratio" and "Herfindahl index."

Division--Geographic divisions in this report are comprised of contiguous States that have similar characteristics. An SMSA that is located in more than one State and geographic division is included in the State and geographic division in which the SMSA is primarily located, so identified by the first city and first State listed in the SMSA name. The geographic divisions are defined as follows:

- Pacific -- WA, OR, CA, AK, and HI.
- Mountain -- MT, ID, WY, NV, UT, CO, AZ, and NM.
- West North Central -- ND, MN, SD, NE, IA, KS, and MO.
- East North Central -- WI, MI, IL, IN, and OH.
- West South Central -- OK, TX, AR, and LA.

East South Central -- KY, TN, MS, and AL.  
South Atlantic -- WV, MD, DE, VA, NC, SC, GA, FL, and DC.  
Middle Atlantic -- NY, PA, and NJ.  
New England -- ME, VT, NH, MA, CT, and RI.

Employees--All paid employees, including salaried officers and executives of corporations and part-time workers who were on the payroll in the pay period including March 12 of the census year. In the 1954, 1958, and 1963 censuses, employment was reported for the pay period ending nearest November 15 of the census year. Included are employees on paid sick leave, paid holidays, and paid vacations. Proprietors and partners of unincorporated businesses are not included. This definition of paid employees used by the Bureau of the Census is the same as used in reporting on the Internal Revenue Service's Form 941.

Establishment--An establishment is a single physical location at which business is conducted. A company may operate one or more establishments. The Bureau of the Census collects data for all establishments operated at any time during the calendar year in which the census is taken. Unless indicated otherwise in this report, number of establishments refers to the number in business at the end of the year.

Where two or more activities were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment, and the entire establishment was classified on the basis of its major activity, with all data for it included in that standard industrial classification (SIC). In cases where distinct and separate economic activities (for which different SIC codes were appropriate) were conducted under the same ownership at a single location, and where conditions prescribed by the Standard Industrial Classification Manual for recognizing the existence of more than one establishment were met, separate establishment reports for each of the different activities were obtained by the Bureau of the Census. Operations of leased food departments located in lessor's retail establishments were treated as if operated by the lessors. Food departments were treated as separate establishments: 1) when located in nonretail establishments or 2) when they were part of the nonmail census universe for which information was obtained from the Internal Revenue Service and the Social Security Administration. Data in this report are for grocery store establishments (SIC 541), unless specified otherwise.

Firm--A firm is a business organization consisting of one or more establishments under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. The Bureau of the Census uses "firm" and "company" synonymously. Unless specified otherwise, only grocery store establishments of firms are included in this report.

Food Store (SIC 54)--A food store is a retail store primarily engaged in the sale of food for home preparation and consumption. It includes grocery stores, meat markets, fruit and vegetable markets, dairy products stores, retail bakeries, and other specialty food stores.

Grocery Store (SIC 541 or 5411)--Establishments primarily selling 1) a wide variety of canned or frozen foods such as vegetables, fruits, and soups; 2) dry groceries either packaged or in bulk, such as tea, coffee, cocoa, dried fruits, spices, sugar, flour, and crackers; and 3) other processed food and nonedible grocery items. In addition, these establishments often sell smoked and prepared meats, fresh fish and poultry, fresh vegetables and fruits, and fresh or frozen meats. Establishments commonly known as supermarkets, food stores, and delicatessens (after 1954) are included in this classification if receipts from sales of groceries and food items for off-premises preparation and consumption are 50 percent or more of total sales.

Beginning in 1958, delicatessen stores were included among grocery stores. In 1948, there were 8,212 delicatessen stores with annual sales of \$309 million. In 1954, 8,132 delicatessen stores had combined sales of \$480 million. It is possible to make the 1948 and 1954 data for all grocery stores comparable with data for grocery stores in later years by adding in the data for delicatessens.

Prior to 1963, a store that reported that at least one-third and not more than two-thirds of its sales were of food products, and met other characteristics of a general store, was classified as a "general store" (SIC 5393). However, beginning in 1963, general stores whose food sales accounted for more than 50 percent of their total sales were classified as grocery stores. In 1948, there were 21,557 general stores with annual sales of \$1,159 million. In 1954, there were 17,701 general stores with combined sales of \$1,088 million; of this number, 9,901 stores with payrolls had sales of \$884 million. In 1958, data are not available for all general stores. However, 9,474 general stores with payrolls reported combined sales of \$971 million.

It is not possible to determine for 1948, 1954, and 1958, the number and sales of general stores whose sales of food products accounted for 50 percent or more of their total sales. However, the 1948 Census' commodity line survey showed that food products accounted for 46 percent of the total sales of all general stores. It, therefore, seems safe to assume that at least 50 percent of all general stores in the 1948, 1954, and 1958 censuses would have been classified as grocery stores in later censuses.

Herfindahl Index--A measure of the size distribution of firms in a market, Herfindahl index is defined as the sum of the squared market shares of firms.

$$H_N = \sum_{i=1}^N S_i^2,$$

where  $H$  is Herfindahl (or partial Herfindahl) index,  $N$  is number of firms, and  $S_i$  is market share of the  $i$ th firm.

This report contains Herfindahl indexes and four-firm partial Herfindahl indexes for SMSA's, based on sales, for small grocery stores, supermarkets, and all grocery stores. The report also contains partial Herfindahl indexes for the 5th through 8th largest grocery and supermarket firms. Actual sales of firms were used to calculate Herfindahl and partial Herfindahl indexes.

However, a firm's rank was determined by summing the sales of its establishments in business all year plus the annualized sales of stores in business only part of the year. Also see "concentration ratio" and "disparity index."

Marginal concentration ratio--Marginal concentration ratio is a concentration ratio for less than leading firms. In this report marginal concentration ratios are provided for the 5th through 8th largest grocery store firms, supermarket firms, and small grocery store firms. Also see "concentration ratio."

Payroll--Payroll includes all forms of compensation, such as salaries, wages, commissions, bonuses, vacation allowances, sick leave pay, and the value of payments in kind paid during the year to all employees. Tips and gratuities received by employees are included. For corporations, it includes amounts paid to officers and executives. For unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This Bureau of the Census definition is the same as that used by the Internal Revenue Service for purposes of reporting on Form 941.

Region--The four geographic regions used in the 1972 census of business include the following geographic divisions:

<u>Region</u>	<u>Division</u>
Northeast	New England
	Middle Atlantic
North Central	East North Central
	West North Central
South	South Atlantic
	East South Central
	West South Central
West	Mountain
	Pacific

Sales--Sales include merchandise sold and receipts from services to customers during the year, whether or not payment was received during the year. Sales are net after deductions for refunds and allowances for merchandise returned by customers. Beginning with the 1958 census, sales include sales taxes collected by the retailers.

Selling Area--Selling area includes the area under roof in grocery stores devoted to merchandise display and sales activities. Selling area excludes backroom storage area and area occupied by other establishments under the same roof. However, it includes selling area of departments operated by lessees. Although the Bureau of the Census enforces mandatory reporting by respondents, it did not require reporting of selling area in the 1972 census.

Small Grocery Store--In this report a small grocery store is a grocery store with less than \$1 million in annual sales during 1972. Sales of stores that opened or closed during the year were annualized for the purpose of making this classification.

Standard deviation--Standard deviation is a statistical measure of dispersion defined for a population by the formula

$$\sqrt{\frac{\sum_{i=1}^n X_i^2}{n} - \bar{X}^2},$$

where  $X_i$  is a set of numbers  $X_1, X_2, X_3, \dots, X_n$ , with mean  $\bar{X}$ . For data that are normally distributed, 68 percent of the values differ from the mean by less than one standard deviation, 95 percent by less than two standard deviations and 99 percent by less than three standard deviations.

Standard Industrial Classification (SIC)--The Standard Industrial Classification system, which covers the entire field of economic activity, is maintained by the Office of Management and Budget for use in the classification of establishments by type of activity in which they are engaged. Its purpose is to facilitate the collection, tabulation, presentation, and analysis of data relating to establishments, and to promote uniformity and comparability in the presentation of statistical data collected by various government agencies, trade associations, and research organizations. The Bureau of the Census assigns each establishment a four-digit industry code on the basis of its primary activity which is determined by its principal product or group of products produced or distributed, or services rendered. Value of sales is used to assign industry codes in retail trade. For additional information see: Office of Management and Budget, Standard Industrial Classification Manual 1972, U.S. Government Printing Office, Washington, D.C. 20402.

Standard Metropolitan Statistical Area (SMSA)--Defined by the Office of Management and Budget, a standard metropolitan statistical area is a county or group of contiguous counties or other political subdivisions that generally have at least one central city of specified population (50,000 or more for the 1972 census of business) or multiple central cities of the same population. Contiguous counties or other political subdivisions are included in an SMSA if they meet established criteria for classifying them as essentially metropolitan in character and socially and economically integrated with the central city. For additional information see: Office of Management and Budget, Standard Metropolitan Statistical Areas 1975, U.S. Government Printing Office, Washington, D.C. 20402.

Store Closing--A grocery store closing occurred in 1972 when 1) a firm discontinued store operations upon sale of a store or 2) an establishment ceased operations altogether during 1972. If a store was closed and then reopened by the same owner during 1972, it was treated as a store closing if

the owner reopened the store under a new Employer Identification Number (for reporting to the Internal Revenue Service). Also see "store opening."

Store Opening--A grocery store opening occurred in 1972 when 1) a firm began operation of a newly constructed store or 2) a firm began operation of a store purchased from another firm during the year. If a store was closed and then reopened by the same owner during 1972, it was treated as a store opening if the owner reopened the store under a new Employer Identification Number (for reporting to the Internal Revenue Service). Also see "store closing."

Supermarket--In this report, unless specified otherwise, a supermarket is a grocery store with annual sales of \$1 million or more. Sales of stores that were opened or closed during the year were annualized for the purpose of making this classification.

Superette--In this report, a superette is defined as a small grocery store with annual sales of \$500,000-\$999,999 during 1972. Stores that were opened or closed during the year were annualized for the purpose of making this classification.



Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72

SMSA, political subdivision 1/	: Areas included		: Food store sales 3/					
	: : in SMSA 2/	: : year in : : SMSA 4/ :	: : First : : year in : : SMSA 4/ :	: : First : : year in : : SMSA 4/ :	: : 1972 : :			
	:1954:1958:1963:1967:1972:	:1954:1958:1963:1967:1972:	:1954:1958:1963:1967:1972:	:1954:1958:1963:1967:1972:	:1954:1958:1963:1967:1972:			
-- 1,000 dollars --								
Abilene, TX			35,151	49,797	Appleton-Oshkosh, WI			117,214
Callahan Co., TX		X	2,216	3,184	Calumet Co., WI		X	6,124
Jones Co., TX	C	X	5,538	6,338	Outagamie Co., WI		X	34,934
Taylor Co., TX	C	X	18,461	29,613	Winnebago Co., WI		X	41,957
Akron, OH			227,822	329,589	Asheville, NC		X	52,862
Portage Co., OH		X	29,929	43,344	Buncombe Co., NC		X	52,862
Summit Co., OH		X	197,893	286,245	Madison Co., NC		X	2,080
Albany, GA			22,588	43,062	Atlanta, GA			459,311
Dougherty Co., GA	C	X	860	406	Butts Co., GA		X	2,466
Lee Co., GA		X	22,588	42,656	Cherokee Co., GA		X	5,523
Albany-Schenectady-Troy, NY			286,801	414,403	Clayton Co., GA		X	26,031
Albany Co., NY	X	X	129,506	161,972	Cobb Co., GA		X	17,693
Montgomery Co., NY		X	17,884	28,072	De Kalb Co., GA		X	121,403
Rensselaer Co., NY	X	X	51,980	71,137	Douglas Co., GA		X	6,169
Saratoga Co., NY	X	X	34,634	65,842	Fayette Co., GA		X	2,826
Schenectady Co., NY	X	X	70,681	87,380	Forsyth Co., GA		X	3,143
Albuquerque, NM			91,655	156,757	Fulton Co., GA		X	235,719
Bernalillo Co., NM	X	X	91,655	153,763	Gwinnett Co., GA		X	12,441
Sandoval Co., NM		X	(D)	2,994	Henry Co., GA		X	5,258
Alexandria, LA			2,334	57,947	Newton Co., GA		X	4,658
Grant Parish, LA		X	33,852	54,811	Paulding Co., GA		X	8,533
Rapides Parish, LA		X			Rockdale Co., GA		X	2,721
Allentown-Bethlehem-Easton, PA-NJ			201,312	312,044	Walton Co., GA		X	4,794
Warren Co., NJ	X	X	37,988	46,340	Atlantic City, NJ		X	72,816
Carbon Co., PA	X	X	18,729	40,472	Atlantic Co., NJ		X	72,816
Lehigh Co., PA	X	X	85,939	135,932	Augusta, GA-SC		X	70,536
Northampton Co., PA	X	X	77,385	89,300	Aiken Co., SC		X	25,381
Altoona, PA			48,057	66,285	Columbia Co., GA		X	2,905
Blair Co., PA	X	X	48,057	66,285	Richmond Co., GA		X	45,155
Anarillo, TX			50,923	78,493	Austin, TX			80,472
Potter Co., TX	X	X	35,752	47,896	Hays Co., TX		X	5,524
Randall Co., TX	X	X	15,171	30,597	Travis Co., TX		X	80,472
Anaheim-Santa Ana-Garden Grove, CA			496,146	788,328	Bakersfield, CA		X	120,507
Orange Co., CA 5/	C	X	96,588	788,328	Kern Co., CA	C	X	120,507
Anchorage, AK			NA	78,004	Baltimore, MD		X	686,963
Anchorage Census Division, AK		X		78,004	Anne Arundel Co., MD		X	92,709
Anderson, IN			50,133	65,889	Baltimore Co., MD		X	63,591
Madison Co., IN	C	X	50,133	65,889	Carroll Co., MD		X	22,674
Ann Arbor, MI			85,907	140,069	Harford Co., MD		X	30,678
Washtenaw Co., MI	C	X	85,907	140,069	Howard Co., MD		X	10,525
					Baltimore city, MD		X	278,620

See footnotes at end of table.

Continued—

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	Areas included		Food store sales 3/		SMSA, political subdivision 1/	Areas included		Food store sales 3/	
	: in SMSA 2/	: year in	: First	: 1972		: in SMSA 2/	: year in	: First	: 1972
	: 1954:1958:1963:1967:1972: SMSA 4/	:	:	:		: 1954:1958:1963:1967:1972: SMSA 4/	:	:	:
-- 1,000 dollars --									
Baton Rouge, LA			98,613	204,444	Boston, MA—continued				
Ascension Parish, LA . . .		X	12,884	20,320	Essex County, MA (part)—continued				
East Baton Rouge					Lynn city, MA . . . . .	X	X	32,250	NA
Parish, LA . . . . .	X	X	38,780	165,129	Lynnfield town, MA . . . . .	X	X	NA	(D)
Livingston Parish, LA . . .		X	8,099	12,979	Manchester town, MA . . . . .	X	X	NA	(D)
West Baton Rouge					Marblehead town, MA . . . . .	X	X	4,911	7,768
Parish, LA . . . . .		X	4,099	6,016	Middleton town, MA . . . . .	X	X	NA	NA
Battle Creek, MI					Nahant town, MA . . . . .	X	X	313	361
Barry Co., MI . . . . .		X	10,100	93,634	Peabody city, MA . . . . .	X	X	5,066	23,687
Calhoun Co., MI . . . . .		X	61,266	14,805	Salem city, MA . . . . .	X	X	11,949	23,431
Bay City, MI					Saugus town, MA . . . . .	X	X	NA	15,628
Bay Co., MI . . . . .	X	X	44,366	61,564	Swampscott town, MA . . . . .	X	X	NA	2,871
			44,366	61,564	Topshfield town, MA . . . . .	X	X	NA	NA
					Wenham town, MA . . . . .	X	X	NA	NA
Beaumont-Port Arthur-Orange, TX			121,104	180,191					
Hardin Co., TX . . . . .		X	6,792	12,920	Middlesex County, MA (part)				
Jefferson Co., TX . . . . .	X	X	61,788	129,718	Acton town, MA . . . . .	X	X	NA	10,453
Orange Co., TX . . . . .	X	X	17,210	37,553	Arlington town, MA . . . . .	X	X	NA	18,478
Billings, MT					Ashland town, MA . . . . .	X	X	3,741	4,834
Yellowstone Co., MT . . . .	C	C	32,736	42,051	Bedford town, MA . . . . .	X	X	NA	7,321
			32,736	42,051	Belmont town, MA . . . . .	X	X	7,156	8,360
Blount Co., MS					Borborough town, MA . . . . .	X	X	NA	NA
Hancock Co., MS . . . . .		X	38,686	73,850	Burlington town, MA . . . . .	X	X	NA	13,696
Harrison Co., MS . . . . .		X	5,865	8,731	Cambridge city, MA . . . . .	X	X	53,135	69,758
Stone Co., MS . . . . .		X	38,686	60,878	Carlisle town, MA . . . . .	X	X	NA	NA
			1,819	4,241	Concord town, MA . . . . .	X	X	6,822	10,611
Birmingham, AL					Everett city, MA . . . . .	X	X	12,005	17,990
Jefferson Co., AL . . . . .	X	X	244,853	362,736	Framingham town, MA . . . . .	X	X	27,784	41,745
St. Clair Co., AL . . . . .	X	X	215,696	311,864	Holliston town, MA . . . . .	X	X	NA	2,071
Shelby Co., AL . . . . .	X	X	5,083	8,030	Lexington town, MA . . . . .	X	X	8,671	11,882
Walker Co., AL . . . . .	X	X	10,574	14,580	Lincoln town, MA . . . . .	X	X	NA	(D)
			18,583	28,262	Malden city, MA . . . . .	X	X	15,556	18,395
Bloomington-Normal, IL					Medford city, MA . . . . .	X	X	19,014	42,830
McLean Co., IL . . . . .		X	31,975	42,776	Melrose city, MA . . . . .	X	X	7,860	13,133
			31,975	42,776	Natick town, MA . . . . .	X	X	NA	19,353
Boise City, ID					Newton city, MA . . . . .	X	X	26,212	40,953
Ada Co., ID . . . . .	C	C	37,765	58,582	North Reading town, MA . . . . .	X	X	NA	9,318
			37,765	58,582	Reading town, MA . . . . .	X	X	5,878	12,326
Boston, MA					Sherborn town, MA . . . . .	X	X	NA	NA
Essex County, MA (part)			1,056,818	1,503,801	Somerville city, MA . . . . .	X	X	21,284	38,935
Beverly city, MA . . . . .	X	X	19,170	26,131	Stoneham town, MA . . . . .	X	X	9,213	16,886
Boxford town, MA . . . . .	X	X	NA	NA	Sudbury town, MA . . . . .	X	X	NA	(D)
Danvers town, MA . . . . .	X	X	11,295	20,467	Wakefield town, MA . . . . .	X	X	6,719	8,935
Hamilton town, MA . . . . .	X	X	(D)	2,557	Waltham city, MA . . . . .	X	X	30,135	50,910
					Watertown town, MA . . . . .	X	X	NA	14,073
					Wayland town, MA . . . . .	X	X	3,272	4,464
					Weston town, MA . . . . .	X	X	NA	(D)
					Wilmington town, MA . . . . .	X	X	6,742	10,559
					Winchester town, MA . . . . .	X	X	NA	6,744
					Woburn city, MA . . . . .	X	X	20,243	22,275

See footnotes at end of table.

Continued—

## Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

SMSA, political subdivision 1/	: Areas included in SMSA 2/	: Food store sales 3/
:	: : year in :	: First : 1967 : 1972 :
:1954:1958:1963:1967:1972: SMSA 4/:	:	:
-- 1,000 dollars --		
Boston, MA--continued		
Norfolk County, MA (part)--continued		
Bellingham town, MA . . .	X	NA
Braintree town, MA . . .	6/ X	8,940
Brookline town, MA . . .	X	14,748
Canton town, MA . . .	X	19,924
Cohasset town, MA . . .	X	29,248
Dedham town, MA . . .	X	7,507
Dorchester town, MA . . .	X	15,806
Foxborough town, MA . . .	X	5,773
Franklin town, MA . . .	X	9,000
Holliston town, MA . . .	X	11,157
Mattapan town, MA . . .	X	18,963
Medfield town, MA . . .	X	NA
Milis town, MA . . .	X	NA
Milton town, MA . . .	X	NA
Needham town, MA . . .	X	NA
Norfolk town, MA . . .	X	NA
Norwood town, MA . . .	X	NA
Quincy city, MA . . .	X	16,375
Randolph town, MA . . .	X	37,911
Sharon town, MA . . .	X	52,055
Stoughton town, MA . . .	X	13,714
Walpole town, MA . . .	X	7,010
Wellesley town, MA . . .	X	11,358
Westwood town, MA . . .	X	8,476
Weymouth town, MA . . .	X	14,265
Wrentham town, MA . . .	X	2,783
Plymouth County, MA (part)		
Abington town, MA . . .	7/ X	6,076
Duxbury town, MA . . .	X	NA
Hanson town, MA . . .	X	NA
Hingham town, MA . . .	X	NA
R Hull town, MA . . .	X	14,434
Kingston town, MA . . .	X	NA
Marshfield town, MA . . .	X	18,089
Norwell town, MA . . .	X	2,393
Pembroke town, MA . . .	X	2,675
Rockland town, MA . . .	X	1,942
Scituate town, MA . . .	X	10,723
Suffolk County, MA (all)		
Boston city, MA . . .	X	NA
Chelsea city, MA . . .	X	NA
Revere city, MA . . .	X	NA
Winthrop town, MA . . .	X	NA
Boston, MA--continued		
Norfolk County, MA (part)		
Bellingham town, MA . . .	X	8,940
Braintree town, MA . . .	6/ X	14,748
Brookline town, MA . . .	X	19,924
Canton town, MA . . .	X	29,248
Cohasset town, MA . . .	X	7,507
Dedham town, MA . . .	X	15,806
Dorchester town, MA . . .	X	5,773
Foxborough town, MA . . .	X	9,000
Franklin town, MA . . .	X	11,157
Holliston town, MA . . .	X	18,963
Mattapan town, MA . . .	X	NA
Medfield town, MA . . .	X	NA
Milis town, MA . . .	X	NA
Milton town, MA . . .	X	NA
Needham town, MA . . .	X	NA
Norfolk town, MA . . .	X	NA
Norwood town, MA . . .	X	NA
Quincy city, MA . . .	X	16,375
Randolph town, MA . . .	X	37,911
Sharon town, MA . . .	X	52,055
Stoughton town, MA . . .	X	13,714
Walpole town, MA . . .	X	7,010
Wellesley town, MA . . .	X	11,358
Westwood town, MA . . .	X	8,476
Weymouth town, MA . . .	X	14,265
Wrentham town, MA . . .	X	2,783
Plymouth County, MA (part)		
Abington town, MA . . .	7/ X	6,076
Duxbury town, MA . . .	X	NA
Hanson town, MA . . .	X	NA
Hingham town, MA . . .	X	NA
R Hull town, MA . . .	X	14,434
Kingston town, MA . . .	X	NA
Marshfield town, MA . . .	X	18,089
Norwell town, MA . . .	X	2,393
Pembroke town, MA . . .	X	2,675
Rockland town, MA . . .	X	1,942
Scituate town, MA . . .	X	10,723
Suffolk County, MA (all)		
Boston city, MA . . .	X	NA
Chelsea city, MA . . .	X	NA
Revere city, MA . . .	X	NA
Winthrop town, MA . . .	X	NA

See footnotes at end of table.

Continued—



Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

SMSA, political subdivision 1/	Areas included		Food store sales 3/		SMSA, political subdivision 1/	Areas included		Food store sales 3/	
	: 1954:1958:1963:1967:1972:	: in SMSA 2/	: First : : year in : : 1967 : : 1972 :	: 1954:1958:1963:1967:1972:		: in SMSA 2/	: First : : year in : : 1967 : : 1972 :		
								-- 1,000 dollars --	
-- 1,000 dollars --									
Dallas-Fort Worth, TX--continued									
Johnson Co., TX . . . . .	X		14,203		X		21,846		
Kaufman Co., TX . . . . .	X		9,185		X		17,445		
Parker Co., TX . . . . .	X		7,530		X		11,749		
Rockwall Co., TX . . . . .	X		1,163		X		1,306		
Tarrant Co., TX . . . . .	X		236,198		X		377,153		
Wise Co., TX . . . . .	X		5,367		X		8,839		
Danbury, CT			73,316						
Fairfield County, CT (part)									
Bethel town, CT . . . . .	X		3,423		X		4,399		
Brookfield town, CT . . . . .	X		NA	(D)	X		NA	(D)	
Danbury city, CT . . . . .	X		28,189		X		45,412		
New Fairfield town, CT . . . . .	X		NA	(D)	X		NA	(D)	
Newtown town, CT . . . . .	X		4,293		X		6,633		
Redding town, CT . . . . .	X		NA		X		NA		
Litchfield County, CT (part)									
New Milford town, CT . . . . .	X		5,107		X		7,004		
Davenport-Rock Island-Moline, IA-IL			129,432				169,296		
Henry Co., IL . . . . .	X		12,772		X		22,262		
Rock Island Co., IL . . . . .	X		37,699		X		61,867		
Scott Co., IA . . . . .	X		26,320		X		50,506		
Dayton, OH			294,161				409,688		
Greene Co., OH . . . . .	X		14,560		X		31,263		
Miami Co., OH . . . . .	X		20,623		X		40,850		
Montgomery Co., OH . . . . .	X		127,588		X		309,220		
Preble Co., OH . . . . .	X		7,575		X		12,284		
Daytona Beach, FL			114,650				114,650		
Volusia Co., FL . . . . .	X		68,012		X		114,650		
Decatur, IL			45,129				55,865		
Macon Co., IL . . . . .	X		28,789		X		45,129		
Denver-Boulder, CO			394,970				671,710		
Adams Co., CO . . . . .	X		8,062		X		47,325		
Arapahoe Co., CO . . . . .	X		25,663		X		46,750		
Boulder Co., CO . . . . .	X		18,777		X		39,956		
Denver Co., CO . . . . .	X		137,999		X		186,152		
Douglas Co., CO . . . . .	X		624		X		870		
Gilpin Co., CO . . . . .	X		81		X		608		
Jefferson Co., CO . . . . .	X		25,108		X		74,787		
Des Moines, IA			119,635				162,735		
Polk Co., IA . . . . .	X		61,545		X		119,635		
Warren Co., IA . . . . .	X		6,845		X		8,185		
Detroit, MI			1,606,007				2,263,735		
Lapeer Co., MI . . . . .			14,763				23,299		
			13/		X				

-- 1,000 dollars --

-- 1,000 dollars --

See footnotes at end of table.

Continued--

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	Areas included in SMSA 2/			Food store sales 3/		
	:	:	:	:	:	:
	:1954:1958:1963:1967:1972: SMSA 4/	:	:	: year in :	: 1967 :	: 1972 :
-- 1,000 dollars --						
Fargo-Moorhead, ND-MN						
Clay Co., MN						
Cass Co., ND	C	C	X	X	5,318	38,050
					13,678	15,348
						22,702
Fayetteville, NC						
Cumberland Co., NC			X	X	41,329	62,078
					41,329	62,078
Fayetteville-Springdale, AR						
Benton Co., AR			X	X	13,429	68,622
Washington Co., AR			X	X	30,100	30,100
					23,601	38,522
Fitchburg-Leominster, MA						
Middlesex County, MA (part)					33,773	51,847
Shirley town, MA						
Townsend town, MA						
	X	X	X	X	NA	NA
	X	X	X	X	NA	NA
Worcester County, MA (part)						
Fitchburg city, MA			X	X	16,863	18,751
Leominster city, MA			X	X	8,740	30,410
Lunenburg town, MA			X	X	NA	13,911
Westminster town, MA			X	X	NA	19,341
			X	X	NA	NA
Flint, MI						
Genesee Co., MI			X	X	94,248	189,164
Lapeer Co., MI	X	X	X	X	174,401	273,327
Shiawassee Co., MI			X	X	10,839	174,401
			X	X	14,763	244,171
			X	X	22,276	29,156
Florence, AL						
Colbert Co., AL			X	X	14,672	49,514
Lauderdale Co., AL			X	X	20,425	19,117
						30,397
Fort Lauderdale-Hollywood, FL						
Broward Co., FL	C	C	X	X	49,506	224,031
					224,031	460,986
Fort Myers, FL						
Lee Co., FL			X	X	35,156	73,551
						73,551
Fort Smith, AR-OK						
Crawford Co., AR			X	X	49,668	75,156
Sebastian Co., AR			X	X	6,418	10,451
Le Flore Co., OK	X	X	X	X	17,345	30,242
Sequoyah Co., OK			X	X	6,032	43,593
			X	X	2,553	11,900
			X	X	6,271	9,212
Fort Wayne, IN						
Adams Co., IN					105,743	169,752
Allen Co., IN			X	X	7,719	11,190
De Kalb Co., IN	X	X	X	X	105,743	134,844
Wells Co., IN			X	X	9,604	14,713
					7,389	9,005
Fort Worth, TX (See Dallas-Fort Worth, TX SMSA for 1972)						
Tarrant Co., TX			X	X	250,401	250,401
Johnson Co., TX			X	X	236,198	236,198
			X	X	8,685	14,203

SMSA, political subdivision 1/	Areas included in SMSA 2/			Food store sales 3/		
	:	:	:	:	:	:
	:1954:1958:1963:1967:1972: SMSA 4/	:	:	: year in :	: 1967 :	: 1972 :
-- 1,000 dollars --						
Fresno, CA						
Fresno Co., CA						
			X	X	153,017	208,876
					153,017	208,876
Gadsden, AL						
Etowah Co., AL			X	X	27,984	43,058
					27,984	43,058
Gainesville, FL						
Alachua Co., FL						
					36,760	62,862
					62,862	62,862
Galveston-Texas City, TX						
Galveston Co., TX			X	X	64,030	84,984
					64,030	84,984
Gary-Hammond-East Chicago, IN						
Lake Co., IN			C 11/X	X	242,682	329,405
Porter Co., IN			C	X	221,583	294,978
					21,099	34,427
Grand Rapids, MI						
Kent Co., MI			X	X	223,456	345,764
Ottawa Co., MI					180,539	267,423
					42,917	78,341
Great Falls, MT						
Cascade Co., MT			C	C	28,131	37,278
					28,131	37,278
Green Bay, WI						
Brown Co., WI			X	X	49,788	71,734
					49,788	71,734
Greensboro-High Point, NC (See Greensboro-Winston Salem-High Point, NC SMSA for 1967 and 1972)						
Guilford Co., NC			X	X	48,381	
Greensboro-Winston-Salem-High Point, NC (See Greensboro-High Point, NC and Winston Salem, NC SMSA's before 1967)						
Davidson Co., NC					195,503	337,544
Forsyth Co., NC			X	X	22,967	34,122
Guilford Co., NC			X	X	71,298	109,898
Randolph Co., NC			X	X	100,657	146,063
Stokes Co., NC			X	X	18,056	30,773
Yadkin Co., NC			X	X	6,029	10,659
					5,492	
Greenville-Spartanburg, SC						
Greenville Co., SC			X	X	100,683	240,924
Pickens Co., SC			X	X	83,569	130,705
Spartanburg Co., SC			X	X	25,512	54,675
					84,707	
Hamilton-Middletown, OH						
Butler Co., OH			X	X	70,204	106,217
					70,204	106,217
Harrisburg, PA						
Cumberland Co., PA			X	X	135,511	210,083
Dauphin Co., PA			X	X	57,608	89,332
Perry Co., PA			X	X	70,661	109,335
					7,242	11,416

See footnotes at end of table.

Continued—



Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

SMSA, political subdivision 1/	Areas included			Food store sales 3/		
	in SMSA 2/			First		
	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:
-- 1,000 dollars --						
Hartford, CT				260,645	361,560	
Hartford County, CT (part)						
Avon town, CT . . . . .	X	X	X	NA	NA	NA
Bloomfield town, CT . . . . .	X	X	X	10,716	6,908	6,908
Canton town, CT . . . . .	X	X	X	NA	1,594	1,594
East Granby town, CT . . . . .	X	X	X	NA	NA	NA
East Hartford town, CT . . . . .	X	X	X	22,889	26,595	26,595
East Windsor town, CT . . . . .	X	X	X	3,026	NA	NA
Enfield town, CT . . . . .	14/	X	X	19,187	25,289	25,289
Farmington town, CT . . . . .	X	X	X	3,900	6,140	6,140
Glastonbury town, CT . . . . .	X	X	X	6,440	9,364	9,364
Granby town, CT . . . . .	X	X	X	NA	NA	NA
Hartford city, CT . . . . .	X	X	X	59,240	51,348	51,348
Manchester town, CT . . . . .	X	X	X	25,641	36,724	36,724
Marlborough town, CT . . . . .	X	X	X	NA	NA	NA
Newington town, CT . . . . .	X	X	X	10,481	18,950	18,950
Rocky Hill town, CT . . . . .	X	X	X	1,474	5,919	5,919
Simsbury town, CT . . . . .	X	X	X	4,066	11,888	11,888
South Windsor town, CT . . . . .	X	X	X	NA	3,503	3,503
Suffield town, CT . . . . .	X	X	X	NA	NA	NA
West Hartford town, CT . . . . .	X	X	X	38,142	47,036	47,036
Wethersfield town, CT . . . . .	X	X	X	13,460	22,550	22,550
Windsor town, CT . . . . .	X	X	X	NA	NA	NA
Windsor Locks town, CT . . . . .	X	X	X	4,819	4,971	4,971
Litchfield County, CT (part)						
New Hartford town, CT . . . . .			X	NA	NA	NA
Middlesex County, CT (part)						
Cromwell town, CT . . . . .	X	X	X	1,680	(D)	(D)
East Hampton town, CT . . . . .	X	X	X	1,841	NA	NA
Portland town, CT . . . . .	X	X	X	3,143	(D)	(D)
New London County, CT (part)						
Colchester town, CT . . . . .	X	X	X	NA	2,828	2,828
Tolland County, CT (part)						
Andover town, CT . . . . .	X	X	X	NA	NA	NA
Bolton town, CT . . . . .	X	X	X	NA	NA	NA
Columbia town, CT . . . . .	X	X	X	NA	NA	NA
Coventry town, CT . . . . .	X	X	X	1,832	(D)	(D)
Ellington town, CT . . . . .	X	X	X	NA	NA	NA
Hebron town, CT . . . . .	X	X	X	NA	NA	NA
Stafford town, CT . . . . .	X	X	X	(D)	(D)	(D)
Tolland town, CT . . . . .	X	X	X	NA	NA	NA
Vernon town, CT . . . . .	X	X	X	12,105	18,041	18,041
Willington town, CT . . . . .	X	X	X	NA	NA	NA
Honolulu, HI				194,881	310,586	310,586
Honolulu Co., HI . . . . .	C	X	X	84,738	194,881	310,586

-- 1,000 dollars --

-- 1,000 dollars --

SMSA, political subdivision 1/	Areas included			Food store sales 3/		
	in SMSA 2/			First		
	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:
-- 1,000 dollars --						
Houston, TX				674,053	1,126,394	1,126,394
Brazoria Co., TX . . . . .	X	X	X	35,059	62,723	62,723
Port Bend Co., TX . . . . .	X	X	X	13,146	25,191	25,191
Harris Co., TX . . . . .	X	X	X	599,885	981,363	981,363
Liberty Co., TX . . . . .	X	X	X	13,259	21,872	21,872
Montgomery Co., TX . . . . .	X	X	X	12,704	29,094	29,094
Waller Co., TX . . . . .	X	X	X	3,728	6,151	6,151
Huntington-Ashland, WV-KY-OH				91,101	142,433	142,433
Lawrence Co., OH . . . . .	X	X	X	19,411	30,695	30,695
Cabell Co., WV . . . . .	X	X	X	27,434	54,328	54,328
Wayne Co., WV . . . . .	X	X	X	4,192	9,794	9,794
Boyd Co., KY . . . . .	X	X	X	21,942	28,410	28,410
Greenup Co., KY . . . . .	X	X	X	6,266	13,791	13,791
Huntsville, AL				68,461	119,803	119,803
Limestone Co., AL . . . . .	C	X	X	9,112	13,926	13,926
Madison Co., AL . . . . .	C	X	X	59,349	79,527	79,527
Marshall Co., AL . . . . .	X	X	X	18,765	26,350	26,350
Indianapolis, IN				381,053	510,166	510,166
Boone Co., IN . . . . .	X	X	X	7,005	9,568	9,568
Hamilton Co., IN . . . . .	X	X	X	12,842	20,341	20,341
Hancock Co., IN . . . . .	X	X	X	7,687	14,846	14,846
Hendricks Co., IN . . . . .	X	X	X	10,427	11,415	11,415
Johnson Co., IN . . . . .	X	X	X	22,494	27,806	27,806
Marion Co., IN . . . . .	X	X	X	156,341	372,269	372,269
Morgan Co., IN . . . . .	X	X	X	12,069	24,243	24,243
Shelby Co., IN . . . . .	X	X	X	9,514	16,826	16,826
Jackson, MI				53,353	73,906	73,906
Jackson Co., MI . . . . .	X	X	X	29,321	53,353	53,353
Jackson, MS				84,545	130,355	130,355
Hinds Co., MS . . . . .	X	X	X	76,194	114,840	114,840
Rankin Co., MS . . . . .	X	X	X	8,351	15,515	15,515
Jacksonville, FL				183,401	301,244	301,244
Baker Co., FL . . . . .	X	X	X	2,614	2,977	2,977
Clay Co., FL . . . . .	X	X	X	6,815	13,043	13,043
Duval Co., FL . . . . .	X	X	X	183,401	255,772	255,772
Nassau Co., FL . . . . .	X	X	X	6,064	9,315	9,315
St. Johns Co., FL . . . . .	X	X	X	12,078	20,137	20,137
Jersey City, NJ				227,375	245,761	245,761
Hudson Co., NJ . . . . .	C	X	X	227,375	245,761	245,761
Johnstown, PA				79,177	111,983	111,983
Cambria Co., PA . . . . .	X	X	X	59,795	83,973	83,973
Somerset Co., PA . . . . .	X	X	X	14,250	28,010	28,010

See footnotes at end of table.

Continued--

Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

SMSA, political subdivision 1/	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	
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See footnotes at end of table.

Continued--

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	Areas included		Food store sales 3/		SMSA, political subdivision 1/	Areas included		Food store sales 3/	
	: 1954:1958:1963:1967:1972:	: in SMSA 2/	: 1967	: 1972		: 1954:1958:1963:1967:1972:	: in SMSA 2/	: 1967	: 1972
-- 1,000 dollars --									
Lima, OH					Macon, GA				
Allen Co., OH					Bibb Co., GA				
Auglaize Co., OH					Houston Co., GA				
Putnam Co., OH					Jones Co., GA				
Van Wert Co., OH					Twiggs Co., GA				
Lincoln, NE					Madison, WI				
Lancaster Co., NE					Dane Co., WI				
Little Rock-North Little Rock, AR					Manchester, NH				
Pulaski Co., AR					Hillsborough County, NH (part)				
Saline Co., AR					Bedford town, NH				
Long Branch-Asbury Park, NJ					Goffstown town, NH				
Mormouth Co., NJ					Manchester city, NH				
Lorain-Elyria, OH					Merrimack County, NH (part)				
Lorain Co., OH					Allenstown town, NH				
Los Angeles-Long Beach, CA					Hocksett town, NH				
Los Angeles Co., CA					Pembroke town, NH				
Orange Co., CA 5/					Rockingham County, NH (part)				
Louisville, KY-IN					Derry town, NH				
Clark Co., IN					Londonderry town, NH				
Floyd Co., IN					Mansfield, OH				
Bullitt Co., KY					Richland Co., OH				
Jefferson Co., KY					McAllen-Pharr-Edinburg, TX				
Oldham Co., KY					Hidalgo Co., TX				
Lowell, MA-NH					Melbourne-Titusville-Cocoa, FL				
Hillsborough County, NH (part)					Brevard Co., FL				
Pelham town, NH					Memphis, TN-AR-MS				
Middlesex County, MA (part)					Shelby Co., TN				
BillERICA town, MA					Tipton Co., TN				
Chelmsford town, MA					De Soto Co., MS				
Dracut town, MA					Crittenden Co., AR				
Lowell city, MA					Meriden, CT				
Tewksbury town, MA					New Haven County, CT (part)				
Tyngsborough town, MA					Meriden city, CT				
Westford town, MA					Miami, FL				
Lubbock, TX					Dade Co., FL				
Lubbock Co., TX					Midland, TX				
Lynchburg, Va					Midland Co., TX				
Amherst Co., VA					Milwaukee, WI				
Appomattox Co., VA					Milwaukee Co., WI				
Campbell Co., VA					Ozaukee Co., WI				
Lynchburg city, VA									

See footnotes at end of table.

Continued--

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	:	Areas included		:	Food store sales 3/			:	Areas included		:	Food store sales 3/		
		:	in SMSA 2/		:	:	:		:	:		:	:	:
-- 1,000 dollars --														
Milwaukee, WI--continued														
Washington Co., WI				X	X	17,443	29,289							
Waukesha Co., WI				X	X	77,477	117,217							
Minneapolis-St Paul, MN-WI														
St. Croix Co., WI				X	X	566,698	853,021							
Anoka Co., MN				X	X	7,773	11,309							
Carver Co., MN				X	X	34,060	66,845							
Chisago Co., MN				X	X	5,282	8,701							
Dakota Co., MN				X	X	3,982	6,439							
Hennepin Co., MN				X	X	34,391	57,648							
Ramsey Co., MN				X	X	10,476	20,992							
Scott Co., MN				X	X	201,281	420,992							
Washington Co., MN				X	X	157,627	219,794							
Wright Co., MN				X	X	6,404	15,277							
				X	X	17,618	30,227							
				X	X	8,962	15,789							
				X	X	8,406	15,789							
Mobile, AL														
Baldwin Co., AL				X	X	109,412	177,929							
Mobile Co., AL				X	X	13,304	24,863							
				X	X	60,282	153,066							
Modesto, CA														
Stanislaus Co., CA				X	X	70,801	112,403							
Monroe, LA														
Ouachita Parish, LA				C	X	37,155	71,690							
				C	X	37,155	71,690							
Montgomery, AL														
Autauga Co., AL				X	X	62,843	101,376							
Elmore Co., AL				X	X	5,035	9,618							
Montgomery Co., AL				X	X	8,032	12,642							
				X	X	54,811	79,116							
Muncie, IN														
Delaware Co., IN				X	X	42,000	57,548							
				X	X	42,000	57,548							
Muskegon-Muskegon Heights, MI														
Muskegon Co., MI				X	X	64,730	101,158							
Oceana Co., MI				C	X	64,730	90,945							
				X	X	6,565	10,213							
Nashua, NH														
Hillsborough County, NH (part)				X	X	NA	NA							
Amherst town, NH				X	X	3,915	6,916							
Hudson town, NH				X	X	NA	NA							
Merrimack town, NH				X	X	3,413	6,947							
Milford town, NH				X	X	26,729	47,055							
Nashua city, NH				X	X	203,921	351,968							
Nashville-Davidson, TN														
Cheatham Co., TN				X	X	2,541	4,742							
Davidson Co., TN				X	X	179,037	248,421							
Dickson Co., TN				X	X	6,368	10,542							
Robertson Co., TN				X	X	6,661	10,317							
Rutherford Co., TN				X	X	17,518	24,843							

SMSA, political subdivision 1/	:	Areas included		:	Food store sales 3/			:	Areas included		:	Food store sales 3/		
		:	in SMSA 2/		:	:	:		:	:		:	:	:
-- 1,000 dollars --														
Nashville-Davidson, TN--continued														
Sumner Co., TN				X	X	14,704	24,256							
Williamson Co., TN				X	X	8,646	14,751							
Wilson Co., TN				X	X	10,180	14,096							
Nassau-Suffolk, NY (See New York, NY-NJ SMSA before 1972)														
Nassau Co., NY				X	X	672,499	958,045							
Suffolk Co., NY				X	X	355,198	670,484							
New Bedford, MA														
Bristol County, MA (part)				X	X	53,095	74,984							
Acushnet town, MA				X	X	481	530							
Dartmouth town, MA				X	X	11,096	14,213							
Fairhaven town, MA				X	X	3,572	6,889							
Freetown town, MA				X	X	NA	NA							
New Bedford city, MA				X	X	36,645	49,340							
Plymouth County, MA (part)														
Lakeville town, MA				X	X	NA	NA							
Marion town, MA				X	X	NA	NA							
Hattapoisset town, MA				X	X	NA	NA							
New Britain, CT														
Hartford County, CT (part)				X	X	54,713	77,397							
Berlin town, CT				X	X	6,527	9,771							
Bristol city, CT				X	X	11,304	38,635							
New Britain city, CT				X	X	22,645	10,189							
Plainville town, CT				X	X	6,992	18,802							
Southington town, CT				X	X	NA	NA							
Litchfield Co., (part)														
Plymouth town, CT				X	X	NA	NA							
New Brunswick-Perth Amboy-Sayreville, NJ														
Middlesex Co., NJ				X	X	217,724	338,465							
New Haven-West Haven, CT														
Middlesex County, CT (part)				X	X	140,687	228,072							
Clinton town, CT				X	X	3,531	5,428							
Killingworth town, CT				X	X	NA	NA							
New Haven County, CT (part)														
Bethany town, CT				X	X	NA	NA							
East Haven town, CT				X	X	7,369	15,903							
Guilford town, CT				X	X	13,645	13,519							
Hamden town, CT				X	X	NA	8,050							
Madison town, CT				X	X	24,657	39,529							
New Haven city, CT				X	X	3,958	3,958							
North Branford town, CT				X	X	55,859	53,512							
North Haven town, CT				X	X	NA	4,195							
Orange town, CT				X	X	7,820	21,717							
				X	X	NA	12,825							

See footnotes at end of table.

Continued—

Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

SMSA, political subdivision 1/	Areas included			Food store sales 3/		
	in SMSA 2/			First		
	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:
New Haven-West Haven, CT--continued						
New Haven County, CT (part)--continued						
Wallingford town, CT						
West Haven city, CT 15/	X	X	X	X	X	X
Woodbridge town, CT	X	X	X	X	X	X
New London-Norwich, CT-RI						
Washington County, RI (part)						
Hopkinton town, RI						
Westerly town, RI						
Middlesex County, CT (part)						
Old Saybrook town, CT						
New London County, CT (part)						
Bozrah town, CT						
East Lyme town, CT						
Grisswold town, CT						
Groton town, CT						
Ledyard town, CT						
Lisbon town, CT						
Montville town, CT						
New London city, CT						
Norwich city, CT						
Old Lyme town, CT						
Preston town, CT						
Sprague town, CT						
Stonington town, CT						
Waterford town, CT						
New Orleans, LA						
Jefferson Parish, LA						
Orleans Parish, LA						
St. Bernard Parish, LA						
St. Tammany Parish, LA						
New York, NY-NJ (See New York-Northeastern New Jersey, NY-NJ SMSA for 1954 and Nassau-Suffolk, NY SMSA for 1972)						
Nassau-Suffolk, NY						
Bronx Co., NY						
Kings Co., NY						
Nassau Co., NY						
New York Co., NY						
Putnam Co., NY						
Queens Co., NY						
Richmond Co., NY						
Rockland Co., NY						
Suffolk Co., NY						
Westchester Co., NY						
Bergen Co., NY						
New York-Northeastern New Jersey, NY-NJ (after 1954 see New York, NY-NJ; Jersey City, NJ; New Brunswick-Perth Amboy-Sayreville, NJ; Paterson-Clifton-Passaic, NJ; and Newark, NJ SMSA's)						
Bronx Co., NY						
Kings Co., NY						
New York Co., NY						
Queens Co., NY						
Richmond Co., NY						
Nassau Co., NY						
Rockland Co., NY						
Suffolk Co., NY						
Westchester Co., NY						
Bergen Co., NY						
Essex Co., NY						
Hudson Co., NY						
Middlesex Co., NY						
Morris Co., NY						
Passaic Co., NY						
Somerset Co., NY						
Union Co., NY						
Newark, NJ (Also see New York-Northeastern New Jersey, NY-NJ SMSA for 1954)						
Essex Co., NJ						
Morris Co., NJ						
Somerset Co., NJ						
Union Co., NJ						
Newport News-Hampton, VA						
Gloucester Co., VA						
James City Co., VA						
York Co., VA						
Hampton city, VA						
Newport News city, VA						
Warwick city, VA						
Williamsburg city, VA						
Norfolk-Virginia Beach-Portsmouth, VA-NC						
Chesapeake city, VA						
Norfolk city, VA						
Portsmouth city, VA						
Princess Anne Co., VA						
S. Norfolk city, VA						
Suffolk city, VA						
Virginia Beach city, VA						
Currituck Co., NC						

-- 1,000 dollars --

See footnotes at end of table.

Continued--

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	:	Areas included in SMSA 2/	:	Food store sales 3/		
				First	1967	1972
				year in	year in	year in
				1954:1958:1963:1967:1972: SMSA 4/	1954:1958:1963:1967:1972: SMSA 4/	1954:1958:1963:1967:1972: SMSA 4/
-- 1,000 dollars --						
Northeast Pennsylvania, PA (Scranton, PA and Wilkes Barre-Hazleton, PA SMSA's combined)						
Lackawanna Co., PA		X				317,171
Luzerne Co., PA		X				89,293
Monroe Co., PA		X				122,217
						17,845
						28,246
Norwalk, CT (See Stamford, CT SMSA for 1954)						58,439
Fairfield County, CT (part)						73,791
Norwalk city, CT		X				37,743
Westport town, CT		X				NA
Wilton town, CT		X				15,417
						5,279
						6,951
Odessa, TX		C				34,510
Ector Co., TX		C				34,510
						46,952
Ogden, UT (See Salt Lake City-Ogden, UT SMSA for 1972)						41,461
Weber Co., UT		X				41,461
Oklahoma City, OK						212,774
Canadian Co., OK		X				357,228
Cleveland Co., OK		X				7,998
McClain Co., OK		X				20,734
Oklahoma Co., OK		X				4,726
Pottawatomie Co., OK		X				184,042
						277,422
						12,393
						20,979
Omaha, NE-IA						183,300
Pottawattamie Co., IA		X				28,172
Douglas Co., NE		X				34,452
Sarpy Co., NE		X				146,243
						8,885
						15,327
Orlando, FL						133,582
Orange Co., FL		X				254,239
Osceola Co., FL		X				116,675
Seminole Co., FL		X				8,431
Owensboro, KY						16,907
Daviess Co., KY		X				36,228
						38,152
						38,152
Oxnard-Simi Valley-Ventura, CA						26,042
Ventura Co., CA		X				124,715
						198,820
Parkersburg-Marietta, WV-OH						72,611
Washington Co., OH		X				23,380
Wirt Co., WV		X				28,852
Wood Co., WV		X				495
						28,423
						43,264
Patterson-Clifton-Passaic, NJ (Also see New York-Northeastern New Jersey, NY-NJ SMSA for 1954)						593,035
Bergen Co., NJ		C				197,061
Passaic Co., NJ		C				415,824
						177,211
						258,471
Pensacola, FL						68,406
Escambia Co., FL		C				114,721
Santa Rosa Co., FL		C				60,323
						99,065
						8,083
						15,656
Peoria, IL						132,272
Peoria Co., IL		X				170,383
Tazewell Co., IL		X				81,121
Woodford Co., IL		X				94,404
						44,084
						7,067
Petersburg-Colonial Heights-Hopewell, VA						62,609
Dinwiddie Co., VA		X				3,163
Prince George Co., VA		X				1,509
Colonial Heights city, VA		X				495
Hopewell city, VA		X				7,295
Petersburg city, VA		X				10,789
						23,656
						29,865
Philadelphia, PA-NJ						1,678,804
Burlington Co., NJ		X				2,385,320
Camden Co., NJ		X				94,933
Gloucester Co., NJ		X				147,119
Bucks Co., PA		X				89,401
Chester Co., PA		X				161,070
Delaware Co., PA		X				244,692
Montgomery Co., PA		X				23,902
Philadelphia Co., PA		X				52,984
						84,847
						138,364
						250,323
						136,163
						223,115
						298,446
						386,162
						654,069
						837,568
Phoenix, AZ						340,694
Maricopa Co., AZ		X				587,150
Pine Bluff, AR						340,694
Jefferson Co., AR		C				27,959
						38,866
						27,959
						38,866
Pittsburgh, PA						884,330
Allegheny Co., PA		X				1,078,530
Beaver Co., PA		X				603,921
Washington Co., PA		X				712,967
Westmoreland Co., PA		X				82,852
						97,386
						74,958
						93,239
						122,599
						174,938
Pittsfield, MA						37,993
Berkshire County, MA (part)						51,395
Adams town, MA		X				4,453
Cheshire town, MA		X				NA
Dalton town, MA		X				921
Lanesborough town, MA		X				NA
Lee town, MA		X				NA
Lenox town, MA		X				3,272
Pittsfield city, MA		X				NA
Stockbridge town, MA		X				32,470
						37,763
						NA
Portland, ME						72,735
Cumberland County, ME (part)		X				110,234
Cape Elizabeth town, ME		X				NA
						1,276

See footnotes at end of table.

Continued--



Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	Areas included			Food store sales 3/		
	in SMSA 2/			First		
	: 1954:1958:	1963:1967:	1972:	1954:1958:	1963:1967:	1972:
-- 1,000 dollars --						
Portland, ME—continued						
Cumberland County, ME (part)—continued						
Cumberland town, ME . . . . .	X	X	NA	NA	NA	NA
Falmouth town, ME . . . . .	X	X	NA	NA	NA	NA
Freeport town, ME . . . . .	X	X	NA	NA	NA	NA
Gorham town, ME . . . . .	X	X	1,182	2,413	4,170	4,170
Portland city, ME . . . . .	X	X	25,162	39,914	43,310	43,310
Scarborough town, ME . . . . .	X	X	NA	NA	NA	NA
South Portland city, ME . . . . .	X	X	6,264	11,499	18,274	18,274
Westbrook city, ME . . . . .	X	X	4,054	11,722	11,561	11,561
Windham town, ME . . . . .	X	X	NA	NA	NA	NA
Yarmouth town, ME . . . . .	X	X	307	1,540	307	307
York County, ME (part)						
Old Orchard Beach town, ME . . . . .	X	X	2,176	2,176	3,392	3,392
Saco city, ME . . . . .	X	X	4,672	4,672	9,705	9,705
Portland, OR—WA						
Clark Co., WA . . . . .	X	X	346,373	624,326	624,326	624,326
Clackamas Co., OR . . . . .	X	X	30,093	66,206	66,206	66,206
Multnomah Co., OR . . . . .	X	X	17,481	47,526	82,245	82,245
Washington Co., OR . . . . .	X	X	219,718	374,464	101,411	101,411
Poughkeepsie, NY						
Dutchess Co., NY . . . . .	X	X	94,194	136,728	136,728	136,728
Providence-Warwick-Pawtucket, RI—WA						
Bristol County, MA (part)						
Attleboro city, MA . . . . .	X	X	12,868	20,783	20,783	20,783
North Attleborough town, MA . . . . .	X	X	8,570	14,737	14,737	14,737
Norton town, MA . . . . .	X	X	NA	NA	NA	NA
Rehoboth town, MA . . . . .	X	X	NA	NA	NA	NA
Seekonk town, MA . . . . .	X	X	10,645	11,235	11,235	11,235
Norfolk County, MA (part)						
Bellingham town, MA . . . . .	X	X	NA	NA	NA	NA
Franklin town, MA . . . . .	X	X	5,085	5,085	(D)	(D)
Plainville town, MA . . . . .	X	X	NA	NA	NA	NA
Wrentham town, MA . . . . .	X	X	NA	NA	NA	NA
Worcester County, MA (part)						
Blackstone town, MA . . . . .	X	X	NA	NA	NA	NA
Millville town, MA . . . . .	X	X	NA	NA	NA	NA
Bristol County, RI (all)						
Berkshire County, RI (all)	X	X	8,226	14,831	20,235	20,235
Kent County, RI (part)						
Coventry town, RI . . . . .	X	X	2,325	7,463	11,627	11,627
East Greenwich town, RI . . . . .	X	X	NA	NA	(D)	(D)
Warwick city, RI . . . . .	X	X	30,738	45,067	45,067	45,067
West Warwick town, RI . . . . .	X	X	12,471	12,273	13,023	13,023
Providence-Warwick-Pawtucket, RI—continued						
Newport County, RI (part)						
Jamestown town, RI . . . . .	X	X	NA	NA	NA	NA
Providence County, RI (part)						
Burrillville town, RI . . . . .	X	X	NA	NA	NA	NA
Central Falls city, RI . . . . .	X	X	5,052	5,052	6,322	6,322
Cranston city, RI . . . . .	X	X	11,858	11,858	38,455	38,455
Cumberland town, RI . . . . .	X	X	NA	NA	12,038	12,038
East Providence city, RI . . . . .	X	X	NA	NA	22,832	22,832
Johnston town, RI . . . . .	X	X	NA	NA	6,121	6,121
Lincoln town, RI . . . . .	X	X	NA	NA	1,297	1,297
North Providence town, RI . . . . .	X	X	NA	NA	11,745	11,745
North Smithfield town, RI . . . . .	X	X	NA	NA	NA	NA
Pawtucket city, RI . . . . .	X	X	23,634	23,634	30,594	30,594
Providence city, RI . . . . .	X	X	63,081	63,081	60,396	60,396
Scituate town, RI . . . . .	X	X	NA	NA	NA	NA
Smithfield town, RI . . . . .	X	X	3,048	3,048	11,797	11,797
Woonsocket city, RI . . . . .	X	X	16,823	16,823	15,711	15,711
Washington County, RI (part)						
Narragansett town, RI . . . . .	X	X	NA	NA	NA	NA
North Kingstown town, RI . . . . .	X	X	NA	NA	7,390	7,390
South Kingstown town, RI . . . . .	X	X	7,401	7,401	13,658	13,658
Provo-Orem, UT						
Utah Co., UT . . . . .	C	C	16,527	16,527	35,138	35,138
Pueblo, CO						
Pueblo Co., CO . . . . .	X	X	25,590	25,590	39,428	39,428
Racine, WI						
Racine Co., WI . . . . .	X	X	32,545	32,545	61,938	61,938
Raleigh, NC (See Raleigh-Durham, NC SMSA for 1972)						
Wake Co., NC . . . . .	X	X	32,340	32,340	66,696	66,696
Raleigh-Durham, NC (Raleigh, NC SMSA and Durham, NC SMSA combined)						
Durham Co., NC . . . . .	X	X	43,506	43,506	67,389	67,389
Orange Co., NC . . . . .	X	X	16,754	16,754	30,956	30,956
Wake Co., NC . . . . .	X	X	66,696	66,696	122,967	122,967
Reading, PA						
Berks Co., PA . . . . .	X	X	67,324	67,324	89,701	89,701
Reno, NV						
Washoe Co., NV . . . . .	C	C	17,718	17,718	54,709	54,709
Richland-Kennewick, WA						
Benton Co., WA . . . . .	X	X	25,719	25,719	35,909	35,909
Franklin Co., WA . . . . .	X	X	11,768	11,768	12,895	12,895

See footnotes at end of table.

Continued—

Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

SMSA, political subdivision 1/	: Areas included			: Food store sales 3/		
	: in SMSA 2/			: First		
	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: 1954:1958:1963:1967:1972:	: year in:	: 1967	: 1972
	-- 1,000 dollars --					
Richmond, VA						
Charles City Co., VA					192,864	281,239
Chesterfield Co., VA					275	980
Goodland Co., VA					2,572	35,892
Harover Co., VA					460	911
Henrico Co., VA					4,727	14,140
Powhatan Co., VA					8,378	57,394
Richmond city, VA					1,277	108,656
Riverside-San Bernardino-Ontario, CA					80,440	119,955
Riverside Co., CA					397,247	591,539
San Bernardino Co., CA					165,269	258,012
San Bernardino Co., CA					231,978	333,527
Roanoke, VA					65,620	110,298
Botetourt Co., VA					2,164	3,595
Craig Co., VA					680	957
Roanoke Co., VA					19,828	33,227
Roanoke city, VA					36,008	56,835
Salem city, VA					9,784	15,684
Rochester, MN					30,673	30,673
Olmeted Co., MN					24,488	30,673
Rochester, NY					343,602	512,231
Livingston Co., NY					17,573	26,287
Monroe Co., NY					282,049	384,134
Ontario Co., NY					27,131	42,089
Orleans Co., NY					13,316	19,033
Wayne Co., NY					30,664	40,688
Rockford, IL					101,043	130,811
Boone Co., IL					7,845	11,530
Winnebago Co., IL					93,198	119,281
Sacramento, CA					306,797	454,055
Placer Co., CA					35,901	46,087
Sacramento Co., CA					240,438	358,425
Yolo Co., CA					30,458	49,543
Saginaw, MI					75,443	117,235
Saginaw Co., MI					75,443	117,235
St. Cloud, MN					4,722	51,548
Benton Co., MN					2,474	5,681
Sherburne Co., MN					26,385	40,317
Stearns Co., MN					33,337	45,907
St. Joseph, MO					2,173	2,636
Andrew Co., MO					33,337	43,271
Buchanan Co., MO					23,725	
St. Louis, MO-IL					840,775	1,130,277
Clinton Co., IL					6,359	10,632
Madison Co., IL					87,005	122,100
Monroe Co., IL					4,665	6,232
St. Clair Co., IL					88,900	113,954
Franklin Co., MO					55,115	18,456
Jefferson Co., MO					15,213	27,980
St. Charles Co., MO					28,541	46,795
St. Louis Co., MO					7,239	26,169
St. Louis city, MO					352,387	500,087
Salem, OR					239,317	255,825
Marion Co., OR					64,949	100,586
Polk Co., OR					56,381	87,208
Salinas-Seaside-Monterey, CA					8,568	13,378
Monterey Co., CA					77,978	123,130
Salt Lake City, UT (See Salt Lake City-Ogden, UT SMSA for 1972)					169,368	
Salt Lake Co., UT					76,888	147,682
Davis Co., UT					17,093	21,686
Salt Lake City-Ogden, UT (Salt Lake City, UT and Ogden, UT SMSA's were combined in 1972)					331,561	
Davis Co., UT					21,686	45,434
Salt Lake Co., UT					147,682	211,689
Tooele Co., UT					6,308	8,171
Weber Co., UT					41,461	66,267
San Angelo, TX					24,485	36,568
Tom Green Co., TX					24,485	36,568
San Antonio, TX					227,105	376,103
Bexar Co., TX					217,607	348,762
Comal Co., TX					8,265	12,638
Guadalupe Co., TX					9,498	14,703
San Diego, CA					414,307	645,245
San Diego Co., CA					414,307	645,245
San Francisco-Oakland, CA					1,314,706	1,738,607
Alameda Co., CA					248,661	412,890
Contra Costa Co., CA					97,950	228,715
Marin Co., CA					31,749	92,692
San Francisco Co., CA					257,052	339,552
San Mateo Co., CA					100,042	240,857
Solano Co., CA					32,265	330,369
San Jose, CA					385,013	613,662
Santa Clara Co., CA					385,013	613,662

See footnotes at end of table.

Continued--

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	: Areas included		: Food store sales 3/	
	: in SMSA 2/	: First	: year in	: 1972
	: 1954:1958:1963:1967:1972: SMSA 4/	: 1954:1958:1963:1967:1972: SMSA 4/	: 1954:1958:1963:1967:1972: SMSA 4/	: 1954:1958:1963:1967:1972: SMSA 4/
-- 1,000 dollars --				
Santa Barbara-Santa Maria-Lompoc, CA	X	X	33,401	91,790 134,180
Santa Barbara Co., CA . . . . .	C	X	X	91,790 134,180
Santa Cruz, CA				82,942
Santa Cruz Co., CA . . . . .		X	X	53,711 82,942
Santa Rosa, CA				136,850
Sonoma Co., CA . . . . .		X	X	84,877 136,850
Sarasota, FL				88,850
Sarasota Co., FL . . . . .		X	X	47,192 88,850
Savannah, GA				96,923
Bryan Co., GA . . . . .		X	X	61,954 96,923
Chatham Co., GA . . . . .		X	X	1,296 2,007
Effingham Co., GA . . . . .		X	X	61,954 91,773
				1,777 3,143
Scranton, PA (See Northeast Pennsylvania SMSA for 1972)				89,293
Lackawanna Co., PA . . . . .	X	X	X	89,293
Seattle-Everett, WA				550,600 758,036
King Co., WA . . . . .	X	X	X	461,053 617,378
Shomish Co., WA . . . . .	X	X	X	89,547 140,658
Sherman-Denison, TX				36,772
Grayson Co., TX . . . . .		X	X	30,023 36,772
Shreveport, LA				157,610
Bossier Parish, LA . . . . .	X	X	X	95,089 157,610
Caddo Parish, LA . . . . .	X	X	X	15,163 25,941
Webster Parish, LA . . . . .	X	X	X	79,926 111,126
				13,855 20,543
Sioux City, IA-NE				46,085 54,617
Woodbury Co., IA . . . . .	X	X	X	40,331 47,481
Dakota Co., NE . . . . .	X	X	X	5,754 7,136
Sioux Falls, SD				28,585 40,840
Minnehaha Co., SD . . . . .	X	X	X	28,585 40,840
South Bend, IN				101,122 128,023
Marshall Co., IN . . . . .	X	X	X	10,818 16,755
St. Joseph Co., IN . . . . .	X	X	X	90,304 111,268
Spokane, WA				99,938 139,373
Spokane Co., WA . . . . .	X	X	X	99,938 139,373
Springfield, IL				60,106 86,344
Menard Co., IL . . . . .	X	X	X	2,746 3,213
Sangamon Co., IL . . . . .	X	X	X	60,106 83,131
Springfield, MO				50,661 80,982
Christian Co., MO . . . . .	X	X	X	1,631 4,338
-- 1,000 dollars --				
Springfield, MO—continued				50,661 80,982
Greene Co., MO . . . . .	X	X	X	50,661 80,982
Springfield, OH				51,153 84,047
Champaign Co., OH . . . . .	X	X	X	9,434 13,374
Clark Co., OH . . . . .	X	X	X	51,153 84,047
Springfield-Chicopee-Holyoke, MA—CT				199,269 239,915
Hampden County, MA (part)				6,578 9,832
Agawam town, MA . . . . .	X	X	X	28,889 29,398
Chicopee city, MA . . . . .	X	X	X	5,883 3,888
East Longmeadow town, MA	X	X	X	NA
Hampden town, MA . . . . .	X	X	X	18,774 27,126
Holyoke city, MA . . . . .	X	X	X	2,818 6,203
Longmeadow town, MA . . . . .	X	X	X	5,551 5,157
Ludlow town, MA . . . . .	X	X	X	NA
Monson town, MA . . . . .	X	X	X	2,804 4,181
Palmer town, MA . . . . .	X	X	X	NA
Southwick town, MA . . . . .	X	X	X	51,711 68,635
Springfield city, MA . . . . .	X	X	X	15,070 19,425
Westfield city, MA . . . . .	X	X	X	11,622 13,596
West Springfield town, MA	X	X	X	NA
Wilbraham town, MA . . . . .	X	X	X	856
Hampshire County, MA (part)				NA
Belchertown town, MA . . . . .	X	X	X	3,816 5,997
Easthampton town, MA . . . . .	X	X	X	NA
Granby town, MA . . . . .	X	X	X	NA
Hadley town, MA . . . . .	X	X	X	NA
Hatfield town, MA . . . . .	X	X	X	16,589 15,297
Northampton city, MA . . . . .	X	X	X	NA
Northampton town, MA . . . . .	X	X	X	2,596 3,656
South Hadley town, MA . . . . .	X	X	X	NA
Enfield town, CT . . . . .	14/	X	X	658
Worcester County, MA (part)				NA
Warren town, MA . . . . .	X	X	X	NA
Tolland County, CT (part)				NA
Somers town, CT . . . . .	X	X	X	101,135 135,774
Stamford, CT (See Norwalk, CT SMSA for 1963, 1967 and 1972)				13,396 22,455
Fairfield County, CT (part)				30,180 38,133
Darien town, CT . . . . .	X	X	X	8,772 10,313
Greenwich town, CT . . . . .	X	X	X	21,980
New Canaan town, CT . . . . .	X	X	X	NA
Norwalk city, CT . . . . .	19/	X	X	48,787 64,873
Stamford city, CT . . . . .	X	X	X	NA
Westport town, CT . . . . .	19/	X	X	NA

See footnotes at end of table.

Continued--

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	: Areas included : in SMSA 2/ : 1954:1958:1963:1967:1972:	Food store sales 3/		
		: First	: 1967	: 1972
		: year in	: SMSA 4/	: SMSA 4/
-- 1,000 dollars --				
Stuebenville-Weirton, OH-WV (See Wheeling-Steubenville, WV-OH SMSA for 1954)		58,577	77,555	
Jefferson Co., OH . . . . .	X X X X X	34,492	38,812	48,724
Brooke Co., WV . . . . .	X X X X X	4,481	5,909	10,121
Hancock Co., WV . . . . .	X X X X X	7,755	13,856	18,710
Stockton, CA . . . . .	X X X X X	115,318	138,576	
San Joaquin Co., CA . . . . .	X X X X X	115,318	138,576	
Syracuse, NY . . . . .	X X X X X	242,294	330,770	
Madison Co., NY . . . . .	X X X X X	15,601	23,028	32,568
Onondaga Co., NY . . . . .	X X X X X	108,841	249,662	
Oswego Co., NY . . . . .	X X X X X	23,421	34,773	48,540
Tacoma, WA . . . . .	X X X X X	127,005	162,519	
Pierce Co., WA . . . . .	X X X X X	69,746	127,005	162,519
Tallahassee, FL . . . . .	X X X X X	24,826	61,274	
Leon Co., FL . . . . .	X X X X X	24,826	59,243	
Wakulla Co., FL . . . . .	X X X X X	952	2,031	
Tampa-St. Petersburg, FL . . . . .	X X X X X	318,471	628,236	
Hillsborough Co., FL . . . . .	X X X X X	160,845	281,684	
Pasco Co., FL . . . . .	X X X X X	19,648	47,800	
Pinellas Co., FL . . . . .	X X X X X	157,626	298,752	
Terre Haute, IN . . . . .	X X X X X	58,313	77,705	
Clay Co., IN . . . . .	X X X X X	5,973	9,236	
Sullivan Co., IN . . . . .	X X X X X	4,912	5,304	6,917
Vermillion Co., IN . . . . .	X X X X X	4,847	8,072	
Vigo Co., IN . . . . .	X X X X X	24,227	41,689	53,480
Texarkana, TX-Texasarkana, AR . . . . .	X X X X X	33,642	54,881	
Little River Co., AR . . . . .	X X X X X	2,979	4,863	
Miller Co., AR . . . . .	C C C C C	5,490	10,031	17,268
Bowie Co., TX . . . . .	C C C C C	11,887	23,611	32,750
Toledo, OH-MI . . . . .	X X X X X	253,616	379,153	
Fulton Co., OH . . . . .	X X X X X	10,161	16,993	
Lucas Co., OH . . . . .	X X X X X	192,226	254,604	
Ottawa Co., OH . . . . .	X X X X X	12,819	17,401	
Wood Co., OH . . . . .	X X X X X	26,132	30,351	43,260
Monroe Co., MI . . . . .	X X X X X	31,039	46,895	
Topeka, KS . . . . .	X X X X X	50,286	78,262	
Jefferson Co., KS . . . . .	X X X X X	1,993	3,823	
Osage Co., KS . . . . .	X X X X X	2,946	5,018	
Shawnee Co., KS . . . . .	X X X X X	30,725	69,421	
Trenton, NJ . . . . .	X X X X X	110,971	163,869	
Mercer Co., NJ . . . . .	X X X X X	74,084	110,971	163,869

SMSA, political subdivision 1/	: Areas included : in SMSA 2/ : 1954:1958:1963:1967:1972:	Food store sales 3/		
		: First	: 1967	: 1972
		: year in	: SMSA 4/	: SMSA 4/
-- 1,000 dollars --				
Tucson, AZ . . . . .	X X X X X	116,303	205,698	
Pima Co., AZ . . . . .	X X X X X	116,303	205,698	
Tulsa, OK . . . . .	X X X X X	174,048	279,603	
Creek Co., OK . . . . .	X X X X X	13,370	21,644	
Mayes Co., OK . . . . .	X X X X X	6,046	9,695	
Osage Co., OK . . . . .	X X X X X	7,745	11,142	
Rogers Co., OK . . . . .	X X X X X	8,126	12,673	
Tulsa Co., OK . . . . .	X X X X X	152,933	218,862	
Wagoner Co., OK . . . . .	X X X X X	3,773	5,587	
Tuscaloosa, AL . . . . .	C C C C C	35,686	54,136	
Tuscaloosa Co., AL . . . . .	C C C C C	35,686	54,136	
Tyler, TX . . . . .	X X X X X	32,179	51,037	
Smith Co., TX . . . . .	X X X X X	32,179	51,037	
Utica-Rome, NY . . . . .	X X X X X	126,812	149,800	
Herkimer Co., NY . . . . .	X X X X X	26,195	33,495	
Oneida Co., NY . . . . .	X X X X X	100,617	116,305	
Vallejo-Fairfield-Napa, CA . . . . .	X X X X X	83,992	126,837	
Napa Co., CA . . . . .	X X X X X	27,484	44,870	
Solano Co., CA . . . . .	21/ X X X	56,508	81,967	
Vineland-Millville-Bridgeton, NJ . . . . .	X X X X X	51,995	73,879	
Cumberland Co., NJ . . . . .	X X X X X	51,995	73,879	
Waco, TX . . . . .	X X X X X	52,476	76,666	
McLennan Co., TX . . . . .	X X X X X	52,476	76,666	
Washington, DC-MD-VA . . . . .	X X X X X	977,754	1,459,589	
Charles Co., MD . . . . .	X X X X X	18,475	26,440	
Montgomery Co., MD . . . . .	X X X X X	62,311	188,255	288,655
Prince Georges Co., MD . . . . .	X X X X X	67,577	230,491	368,828
Washington, DC . . . . .	X X X X X	224,737	246,992	296,969
Arlington Co., VA . . . . .	X X X X X	43,884	63,227	78,543
Fairfax Co., VA . . . . .	X X X X X	15,963	129,783	220,247
Loudoun Co., VA . . . . .	X X X X X	10,756	21,564	
Prince William Co., VA . . . . .	X X X X X	29,125	60,373	
Alexandria city, VA . . . . .	X X X X X	53,220	44,518	60,373
Fairfax city, VA . . . . .	22/ X X X	16,338	19,643	31,879
Falls Church city, VA . . . . .	X X X X X	14,964	18,871	
Waterbury, CT . . . . .	X X X X X	85,516	111,081	
Litchfield County, CT (part) . . . . .	X X X X X	3,005	NA	NA
Thomaston town, CT . . . . .	X X X X X	6,513	9,303	NA
Watertown town, CT . . . . .	X X X X X	NA	NA	NA
Woodbury town, CT . . . . .	X X X X X	NA	NA	NA
New Haven County, CT (part) . . . . .	X X X X X	NA	NA	NA
Beacon Falls town, CT . . . . .	X X X X X	NA	NA	NA

See footnotes at end of table.

Continued—

Appendix B—Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72—Continued

SMSA, political subdivision 1/	:	:	Areas included		Food store sales 3/						
			:	:	:	:	:	:			
									:	:	:
: 1954:1958:1963:1967:1972: SMSA 4/	: in SMSA 2/	: First	: year in	: 1967	: 1972						
-- 1,000 dollars --											
Waterbury, CT—continued											
New Haven County, CT (part)—continued											
Cheshire town, CT	X	X	X	X	X	NA	5,414	9,822			
Middlebury town, CT	X	X	X	X	X	NA	NA	NA			
Naugatuck borough, CT	X	X	X	X	X	5,274	6,598	11,491			
Prospect town, CT	X	X	X	X	X	NA	NA	821			
Southbury town, CT	X	X	X	X	X	NA	NA	NA			
Waterbury city, CT	X	X	X	X	X	35,890	57,049	67,771			
Wolcott town, CT	X	X	X	X	X	NA	NA	3,234			
Waterloo-Cedar Falls, IA											
Black Hawk Co., IA	X	X	X	X	X	44,182	44,182	58,866			
West Palm Beach-Boca Raton, FL											
Palm Beach Co., FL	C	X	X	X	X	134,225	134,225	248,814			
Wheeling, WV-OH (See Wheeling-Staubenville, WV-OH SMSA for 1954)											
Belmont Co., OH	X	X	X	X	X	68,690	94,579	94,579			
Belmont Co., OH	X	X	X	X	X	31,065	31,065	45,260			
Marshall Co., WV	X	X	X	X	X	8,757	9,356	19,464			
Ohio Co., WV	X	X	X	X	X	22,306	28,269	29,855			
Wheeling-Staubenville, WV-OH (See Wheeling, WV-OH and Staubenville-Weirton, OH-WV SMSA's after 1954)											
Belmont Co., OH	X	X	X	X	X	25,184	25,184	29,834			
Jefferson Co., OH	X	X	X	X	X	4,327	4,327	5,178			
Brooke Co., WV	X	X	X	X	X	5,178	5,178	7,141			
Hancock Co., WV	X	X	X	X	X	18,428	18,428	18,428			
Marshall Co., WV	X	X	X	X	X	18,428	18,428	18,428			
Ohio Co., WV	X	X	X	X	X	18,428	18,428	18,428			
Wichita, KS											
Butler Co., KS	X	X	X	X	X	10,075	10,035	14,198			
Sedgwick Co., KS	X	X	X	X	X	74,962	125,554	155,861			
Wichita Falls, TX											
Archer Co., TX	X	X	X	X	X	37,141	48,442	48,442			
Clay Co., TX	X	X	X	X	X	1,352	1,345	2,266			
Wichita Co., TX	X	X	X	X	X	26,529	35,796	46,176			
Wilkes Barre-Hazleton, PA (see Northeast Pennsylvania SMSA for 1972)											
Luzerne Co., PA	X	X	X	X	X	85,384	122,217	122,217			
Williamsport, PA											
Lycoming Co., PA											
Wilmington, DE-NJ-MD											
Salem Co., NJ	X	X	X	X	X	12,488	19,105	23,436			
New Castle Co., DE	X	X	X	X	X	69,334	139,231	228,089			
Cecil Co., MD	X	X	X	X	X	10,253	14,960	21,700			

SMSA, political subdivision 1/	:	:	Areas included		Food store sales 3/						
			:	:	:	:	:	:			
									:	:	:
: 1954:1958:1963:1967:1972: SMSA 4/	: in SMSA 2/	: First	: year in	: 1967	: 1972						
-- 1,000 dollars --											
Wilmington, NC											
Brunswick Co., NC											
New Hanover Co., NC											
Winston Salem, NC (See Greensboro-Winston Salem-High Point, NC SMSA for 1967 and 1972)											
Forsyth Co., NC	X	X	X	X	X	32,571	32,571	32,571			
Worcester, MA											
Worcester County, MA (part)											
Auburn town, MA	X	X	X	X	X	6,422	6,422	8,649			
Berlin town, MA	X	X	X	X	X	NA	NA	NA			
Boylston town, MA	X	X	X	X	X	NA	NA	NA			
Brookfield town, MA	X	X	X	X	X	NA	NA	NA			
Charlton town, MA	X	X	X	X	X	NA	NA	NA			
East Brookfield town, MA	X	X	X	X	X	NA	NA	NA			
Grafton town, MA	X	X	X	X	X	3,465	3,465	2,519			
Holden town, MA	X	X	X	X	X	3,819	5,496	5,496			
Leicester town, MA	X	X	X	X	X	1,240	1,240	1,614			
Millbury town, MA	X	X	X	X	X	4,774	4,774	3,577			
Northborough town, MA	X	X	X	X	X	(D)	(D)	2,565			
Northbridge town, MA	X	X	X	X	X	5,033	4,722	8,101			
North Brookfield town, MA	X	X	X	X	X	1,488	1,488	(D)			
Oxford town, MA	X	X	X	X	X	2,612	2,612	2,960			
Paxton town, MA	X	X	X	X	X	NA	NA	NA			
Shrewsbury town, MA	X	X	X	X	X	16,473	16,473	16,324			
Spencer town, MA	X	X	X	X	X	4,382	4,382	6,352			
Sterling town, MA	X	X	X	X	X	NA	NA	NA			
Sutton town, MA	X	X	X	X	X	NA	NA	NA			
Upton town, MA	X	X	X	X	X	NA	NA	NA			
Uxbridge town, MA	X	X	X	X	X	1,158	1,158	(D)			
Webster town, MA	X	X	X	X	X	8,811	12,184	12,184			
Westborough town, MA	X	X	X	X	X	525	525	8,681			
West Boylston town, MA	X	X	X	X	X	(D)	(D)	(D)			
Worcester city, MA	X	X	X	X	X	75,670	75,670	98,065			
Yakima, WA											
Yakima Co., WA											
York, PA											
Adams Co., PA	X	X	X	X	X	103,716	103,716	153,293			
York Co., PA	X	X	X	X	X	14,615	14,615	21,221			
Youngstown-Warren, OH											
Mahoning Co., OH	X	X	X	X	X	80,115	80,115	107,353			
Trumbull Co., OH	X	X	X	X	X	46,339	46,339	129,902			
Mercer Co., PA	X	X	X	X	X	84,975	84,975	109,910			

See footnotes on following page.

Continued—



Appendix B--Standard metropolitan statistical areas (SMSA's) defined by political subdivision, census years 1954-72--Continued

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1/ Year 1972 SMSA names are used unless an SMSA did not exist in 1972. Political subdivisions are listed alphabetically by country and local area.

2/ "X" denotes that the country or other political subdivision was included in the Office of Management and Budget's SMSA definition used in published reports of the Bureau of the Census. "C" denotes that the country or other political subdivision was included in the SMSA as defined by the National Commission on Food Marketing.

3/ "NA" denotes that data are not available; "D" denotes that data were suppressed by the Bureau of the Census to avoid disclosure of information about individual operations; and "\*" denotes an estimate prepared by USDA-FTC for this report.

4/ Food store sales for the first census year a county or other political subdivision was included in an SMSA definition by the Office of Management and Budget or the National Commission on Food Marketing.

5/ Orange County was included in the Anaheim-Santa Ana-Garden Grove, CA, area definition in 1954 and 1958 by the National Commission on Food Marketing. It was included in the Los Angeles-Long Beach, CA, area definition by the Office of Management and Budget.

6/ Bellingham, Franklin, and Wrentham towns in Norfolk County were deleted from the Providence-Warwick-Pawtucket, RI-MA, area definition and added to the Boston, MA, area definition.

7/ Holbrook town in Norfolk County and Rockland town in Plymouth County were deleted from the Brockton, MA, area definition and added to the Boston, MA, area definition. Stoughton town in Norfolk County, and Abington and Hanson towns in Plymouth County were deleted from the Brockton, MA, definition and added to the Boston, MA, definition.

8/ Milford city was Milford town in 1954, 1958, and 1963.

9/ Bristol city in Hartford County and Plymouth town in Litchfield County were deleted from the New Britain, CT, area definition and added to the Bristol, CT, area definition.

10/ Fayette County was deleted from the Charleston, WV, area definition and was not consolidated into another SMSA.

11/ Lake County, IN, was included in the Gary-Hammond-East Chicago, IN, area definition in 1954 by the National Commission on Food Marketing. It was included in the Chicago, IL, area definition by the Office of Management and Budget.

12/ Columbus Consolidated Government was known as Muscogee County, GA, in 1954, 1958, 1963, and 1967.

13/ Lapeer County was deleted from the Flint, MI, area definition and added to the Detroit, MI, area definition.

14/ Enfield town in Hartford County was deleted from the Springfield-Chicopee-Holyoke, MA-CT, area definition and added to the Hartford, CT, area definition.

15/ West Haven city was West Haven town prior to 1972.

16/ Bergen County, NJ, was deleted from the Paterson-Clifton-Passaic, NJ, area definition and added to the New York, NY-NJ, area definition.

17/ Warwick city, VA, was consolidated with Newport News city, VA, in 1958.

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Continued--



18/ South Norfolk city and Norfolk County were deleted as separate entities from the area definition when they were consolidated as Chesapeake city. Princess Anne County was deleted as a separate entity from the area definition when it was consolidated with Virginia Beach city.

19/ Norwalk city and Westport town in Fairfield, CT, were deleted from the Stamford, CT, area definition and added to the Norwalk, CT, area definition. In 1963, they were not included in any of the SMSA definitions by the Office of Management and Budget or the National Commission on Food Marketing.

20/ Salem city, VA, was part of Roanoke County in 1954, 1958, and 1963.

21/ Solano County was deleted from the San Francisco-Oakland, CA, area definition and added to the Vallejo-Fairfield-Napa, CA, area definition.

22/ Fairfax city was part of Fairfax County, VA, in 1954 and 1958.

23/ Archer County was deleted from the Wichita Falls, TX, area definition and was not consolidated with another SMSA.

24/ Mercer County, PA, was deleted from Youngstown-Warren, OH, area definition and was not consolidated with another SMSA.

Sources: Office of Management and Budget, Standard Metropolitan Statistical Areas, revised edition, U.S. Gov. Print. Off., 1975; Bureau of the Census, Census of Business, Area Series, for appropriate census years; and special tabulations prepared by the Bureau of the Census for the National Commission on Food Marketing.

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/

Area	Population <u>2/</u>		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
United States	203,211,926	100.000	93,327,525	100.000
Nonmetropolitan areas	55,302,537	27.214	24,630,608	26.392
All SMSA's	147,909,389	72.786	68,696,917	73.608
Northeastern region	49,040,703	24.133	22,366,128	23.965
New England division	11,841,663	5.827	5,695,917	6.103
Nonmetropolitan areas	2,794,697	1.375	1,459,810	1.564
All SMSA's	9,046,966	4.452	4,236,107	4.539
Boston MA	2,899,101	1.427	1,324,120	1.419
Providence-Warwic RI	905,558	.466	379,957	.407
Hartford CT	720,581	.355	329,464	.353
Springfield-Chico MA	541,752	.267	210,750	.226
New Haven-West Ha CT	413,722	.204	206,079	.221
Bridgeport CT	401,752	.198	202,601	.217
Worcester MA	372,144	.183	175,282	.188
Lawrence-Haverhil MA	258,564	.127	124,113	.133
New London-Norwic CT	241,556	.119	120,165	.129
Lowell MA	218,268	.107	89,722	.096
Waterbury CT	216,808	.107	98,309	.105
Stamford CT	206,419	.102	124,914	.134
Portland ME	170,081	.084	104,769	.112
Fall River MA	169,549	.083	66,626	.071
New Bedford MA	161,288	.079	66,984	.072
Brockton MA	150,416	.074	77,563	.083
New Britain CT	145,269	.071	67,999	.073
Manchester NH	132,512	.065	74,839	.080
Norwalk CT	127,516	.063	67,112	.072
Danbury CT	115,538	.057	68,602	.074
Fitchburg-Leomins MA	97,164	.048	48,660	.052
Pittsfield MA	96,817	.048	47,827	.051
Nashua NH	86,280	.042	61,747	.066
Lewiston-Auburn ME	72,474	.036	40,760	.044
Bristol CT	69,878	.034	30,994	.033
Meriden CT	55,959	.028	26,149	.028

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population <u>2/</u>		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
Middle Atlantic division	37,199,040	18.306	16,670,211	17.862
Nonmetropolitan areas	4,645,197	2.286	2,259,801	2.421
All SMSA's	32,553,843	16.020	14,410,410	15.441
New York NY	9,973,577	4.908	3,975,067	4.259
Philadelphia PA	4,817,914	2.371	2,130,776	2.283
Nassau-Suffolk NY	2,553,030	1.256	1,420,824	1.522
Pittsburgh PA	2,401,245	1.182	937,249	1.004
Newark NJ	2,054,928	1.011	965,585	1.035
Buffalo NY	1,349,211	.664	559,721	.600
Rochester NY	961,516	.473	479,758	.514
Albany-Schenectad NY	777,793	.383	381,788	.409
Syracuse NY	636,507	.313	308,481	.331
Northeast Pennsylv PA	621,830	.306	289,313	.310
Jersey City NJ	609,266	.300	205,092	.220
Allentown-Bethleh PA	594,124	.292	282,095	.302
New Brunswick-Per NJ	583,813	.287	299,889	.321
Paterson-Clifton NJ	460,782	.227	216,273	.232
Long Branch-Asbur NJ	459,379	.226	266,045	.285
Harrisburg PA	410,626	.202	195,840	.210
Utica-Rome NY	340,670	.168	138,092	.148
York PA	329,540	.162	137,398	.147
Lancaster PA	319,693	.157	123,296	.132
Trenton NJ	303,968	.150	152,355	.163
Binghamton NY	302,672	.149	156,682	.168
Reading PA	296,382	.146	122,804	.132
Erie PA	263,654	.130	119,035	.128
Johnstown PA	262,822	.129	102,681	.110
Poughkeepsie NY	222,295	.109	124,926	.134
Atlantic City NJ	175,043	.086	93,554	.100
Altoona PA	135,356	.067	57,278	.061
Vineland-Millvill NJ	121,374	.060	66,278	.071
Williamsport PA	113,296	.056	51,256	.055
Elmira NY	101,537	.050	50,979	.055

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population <u>2</u> /		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
North Central region	56,571,663	27.839	24,640,752	26.402
East North Central division	40,252,476	19.808	18,034,299	19.324
Nonmetropolitan areas	10,279,748	5.059	4,553,570	4.879
All SMSA's	29,972,728	14.749	13,480,729	14.445
Chicago IL	6,978,947	3.434	3,054,355	3.273
Detroit MI	4,431,390	2.181	2,069,781	2.218
Cleveland OH	2,064,194	1.016	937,709	1.005
Milwaukee WI	1,403,688	.691	596,530	.639
Cincinnati OH	1,384,851	.681	551,171	.591
Indianapolis IN	1,109,882	.546	482,413	.517
Columbus OH	1,017,847	.501	471,268	.505
Dayton OH	805,266	.418	373,618	.400
Toledo OH	762,741	.375	356,190	.382
Akron OH	679,239	.334	310,839	.333
Gary-Hammond-East IN	633,367	.312	305,414	.327
Grand Rapids MI	539,225	.265	327,952	.351
Youngstown-Warren OH	536,003	.264	223,646	.240
Flint MI	507,416	.250	259,909	.278
Lansing-East Lans MI	424,271	.209	178,861	.192
Canton OH	393,789	.194	164,035	.176
Ft Wayne IN	361,984	.178	156,061	.167
Peoria IL	341,979	.168	157,654	.169
Madison WI	290,272	.143	128,861	.138
Evansville IN	284,959	.140	125,704	.135
South Bend IN	280,031	.138	119,432	.128
Appleton-Oshkosh WI	276,891	.136	109,935	.118
Rockford IL	272,063	.134	126,109	.135
Kalamazoo-Portage MI	257,723	.127	135,801	.146
Lorain-Elyria OH	256,843	.126	112,006	.120
Ann Arbor MI	234,103	.115	132,472	.142
Hamilton-Middleto OH	226,207	.111	99,362	.106
Saginaw MI	219,743	.108	110,197	.118
Lima OH	210,074	.103	85,712	.092
Springfield OH	187,606	.092	77,879	.083
Battle Creek MI	180,129	.089	88,637	.095
Muskegon-Muskegon MI	175,410	.086	98,905	.106

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population <u>2</u> /		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
Terre Haute IN :	175,143	0.086	75,084	0.080
Springfield IL :	171,020	.084	82,914	.089
Racine WI :	170,838	.084	76,112	.082
Steubenville-Weir OH :	165,627	.082	72,111	.077
Champaign-Urbana- IL :	163,281	.080	57,564	.062
Green Bay WI :	158,244	.078	66,382	.071
Jackson MI :	143,274	.071	68,154	.073
Anderson IN :	138,451	.068	63,814	.068
Mansfield OH :	129,997	.064	56,398	.060
Muncie IN :	129,219	.064	53,005	.057
Decatur IL :	125,010	.062	52,962	.057
Kenosha WI :	117,917	.058	50,382	.054
Bay City MI :	117,339	.058	54,842	.059
Lafayette-West La IN :	109,378	.054	48,980	.052
Bloomington-Norma IL :	104,389	.051	39,715	.043
La Crosse WI :	80,468	.040	33,892	.036
West North Central division :	16,319,187	8.031	6,606,453	7.079
Nonmetropolitan areas :	7,167,889	3.527	2,709,697	2.903
All SMSA's :	9,151,298	4.503	3,896,756	4.175
St Louis MO :	2,410,163	1.186	1,043,138	1.118
Minneapolis-St Pa MN :	1,965,159	.967	785,482	.842
Kansas City MO :	1,271,515	.626	587,719	.630
Omaha NE :	540,142	.266	224,417	.240
Wichita KS :	389,352	.192	163,364	.175
Davenport-Rock Is IA :	362,638	.178	158,496	.170
Des Moines IA :	313,533	.154	157,191	.168
Duluth-Superior MN :	265,350	.131	98,836	.106
Topeka KS :	180,619	.089	76,544	.082
Springfield MO :	168,053	.083	77,764	.083
Lincoln NE :	167,972	.083	63,835	.068
Cedar Rapids IA :	163,213	.080	71,230	.076
St Cloud MN :	134,585	.066	46,544	.050
Waterloo-Cedar Fa IA :	132,916	.065	56,289	.060
Fargo-Moorhead ND :	120,238	.059	49,086	.053
Sioux City IA :	116,189	.057	50,756	.054
St Joseph MO :	98,828	.049	44,463	.048

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population 2/		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
Sioux Falls SD	95,209	0.047	39,180	0.042
Dubuque IA	90,609	.045	39,963	.043
Rochester MN	84,104	.041	28,122	.030
Columbia MO	80,911	.040	34,337	.037
Southern region	62,795,367	30.901	29,074,411	31.153
South Atlantic division	30,671,337	15.093	14,509,365	15.547
Nonmetropolitan areas	10,482,298	5.158	4,699,621	5.036
All SMSA's	20,189,039	9.935	9,809,744	10.511
Washington DC	2,908,801	1.431	1,366,631	1.464
Baltimore MD	2,070,670	1.019	925,693	.992
Atlanta GA	1,597,816	.786	726,910	.779
Miami FL	1,267,792	.624	676,277	.725
Tampa-St Petersburg FL	1,088,549	.536	582,410	.624
Norfolk-Virginia VA	732,600	.361	287,926	.309
Greensboro-Winston NC	723,304	.356	324,502	.348
Jacksonville FL	621,519	.306	280,821	.301
Fort Lauderdale-H FL	620,100	.305	417,932	.448
Charlotte-Gastonia NC	557,785	.274	274,920	.295
Richmond VA	542,242	.267	272,619	.292
Wilmington DE	449,493	.246	251,755	.270
Greenville-Sparta SC	473,226	.233	234,957	.252
Orlando FL	453,270	.223	239,908	.257
Raleigh-Durham NC	418,841	.206	213,976	.229
West Palm Beach-B FL	348,753	.172	233,364	.250
Charleston SC	336,125	.165	151,200	.162
Newport News-Hamp VA	333,140	.164	137,867	.148
Columbia SC	322,880	.159	137,881	.148
Huntington-Ashlan WV	286,935	.141	138,290	.148
Augusta GA	275,787	.136	113,937	.122
Charleston WV	257,140	.127	129,625	.139
Pensacola FL	243,075	.120	109,365	.117
Columbus GA	238,584	.117	80,648	.086
Melbourne-Titusvi FL	230,006	.113	111,667	.120
Lakeland-Winter H FL	227,222	.112	131,396	.141
Macon GA	226,782	.112	103,183	.111
Fayetteville NC	212,042	.104	59,751	.064

See footnotes at end of table.

Continued--



Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population <u>2/</u>		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
Savannah GA :	207,938	0.102	92,492	0.099
Roanoke VA :	203,153	.100	106,808	.114
Wheeling WV :	182,712	.090	87,357	.094
Daytona Beach FL :	169,487	.083	110,062	.118
Asheville NC :	161,059	.079	78,495	.084
Parkersburg-Marie WV :	148,132	.073	70,074	.075
Lynchburg VA :	133,258	.066	65,850	.071
Petersburg-Coloni VA :	128,809	.063	60,554	.065
Sarasota FL :	120,413	.059	81,227	.087
Tallahassee FL :	109,355	.054	58,640	.063
Wilmington NC :	107,219	.053	62,662	.067
Ft Myers FL :	105,216	.052	70,586	.076
Gainesville FL :	104,764	.052	59,672	.064
Albany GA :	96,683	.048	41,180	.044
Burlington NC :	96,362	.047	48,674	.052
East South Central division :	12,803,470	6.300	5,523,911	5.919
Nonmetropolitan areas :	6,637,208	3.266	2,698,863	2.892
All SMSA's :	6,166,262	3.034	2,825,048	3.027
Louisville KY :	867,330	.427	381,186	.408
Memphis TN :	834,006	.410	364,270	.390
Birmingham AL :	767,230	.378	354,644	.380
Nashville-Davidso TN :	699,144	.344	344,960	.370
Knoxville TN :	409,409	.201	193,299	.207
Mobile AL :	376,690	.185	172,047	.184
Chattanooga TN :	370,016	.182	198,674	.213
Huntsville AL :	282,450	.139	115,475	.124
Lexington KY :	266,701	.131	124,867	.134
Jackson MS :	258,906	.127	126,910	.136
Kingsport-Bristol TN :	241,123	.119	101,246	.108
Montgomery AL :	225,785	.111	95,353	.102
Biloxi-Gulfport MS :	160,070	.079	69,980	.075
Florence AL :	117,743	.058	48,640	.052
Tuscaloosa AL :	116,029	.057	53,534	.057
Gadsden AL :	94,144	.046	42,167	.045
Owensboro KY :	79,486	.039	37,796	.040

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population <u>2</u> /		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
West South Central division	19,320,560	9.508	9,041,135	9.688
Nonmetropolitan areas	6,402,856	3.151	2,786,665	2.986
All SMSA's	12,917,704	6.357	6,254,470	6.702
Dallas-Ft Worth TX	2,377,979	1.170	1,169,110	1.253
Houston TX	1,999,316	.984	1,075,733	1.153
New Orleans LA	1,045,809	.515	574,288	.615
San Antonio TX	888,179	.437	357,001	.383
Oklahoma City OK	698,180	.344	344,238	.369
Tulsa OK	550,835	.271	271,517	.291
Baton Rouge LA	375,628	.185	192,864	.207
El Paso TX	359,291	.177	137,097	.147
Beaumont-Port Art TX	345,939	.170	172,705	.185
Shreveport LA	334,642	.165	151,652	.162
Little Rock-North AR	323,296	.159	144,168	.154
Austin TX	323,158	.159	167,258	.179
Corpus Christi TX	284,832	.140	133,411	.143
McAllen-Pharr-Edi TX	181,535	.089	62,838	.067
Lubbock TX	179,295	.088	81,650	.087
Galveston-Texas C TX	169,812	.084	81,024	.087
Ft Smith AR	160,421	.079	72,766	.078
Killeen-Temple TX	159,794	.079	61,010	.065
Waco TX	147,553	.073	72,009	.077
Lake Charles LA	145,415	.072	66,194	.071
Amarillo TX	144,316	.071	74,581	.080
Brownsville-Harli TX	140,368	.069	67,237	.072
Alexandria LA	131,749	.065	55,822	.060
Wichita Falls TX	129,941	.064	46,186	.049
Fayetteville-Spri AR	127,846	.063	67,042	.072
Abilene TX	122,164	.060	48,086	.052
Monroe LA	115,387	.057	68,177	.073
Texarkana TX	112,392	.055	53,022	.057
Lafayette LA	109,716	.054	53,920	.058
Lawton OK	108,144	.053	30,437	.033
Tyler TX	97,096	.048	46,975	.050
Odessa TX	91,805	.045	43,455	.047
Pine Bluff AR	85,329	.042	38,024	.041
Sherman-Denison TX	83,225	.041	35,040	.038

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population 2/		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
Laredo TX :	72,859	0.036	41,780	0.045
San Angelo TX :	71,047	.035	35,663	.038
Midland TX :	65,433	.032	28,006	.030
Bryan-College Sta TX :	57,978	.029	32,484	.035
Western region :	34,804,193	17.127	17,246,234	18.479
Mountain division :	3,281,562	4.075	4,118,948	4.413
Nonmetropolitan areas :	3,515,382	1.730	1,672,995	1.793
All SMSA's :	4,766,180	2.345	2,445,953	2.621
Denver-Boulder CO :	1,237,208	.609	637,392	.683
Phoenix AZ :	967,522	.476	567,716	.608
Salt Lake City-Og UT :	705,458	.347	310,515	.333
Tucson AZ :	351,667	.173	199,099	.213
Albuquerque NM :	333,266	.164	145,717	.156
Las Vegas NV :	273,288	.134	169,305	.181
Colorado Springs CO :	239,288	.118	98,126	.105
Provo-Orem UT :	137,776	.068	47,045	.050
Reno NV :	121,068	.060	85,443	.092
Pueblo CO :	118,238	.058	54,418	.058
Boise City ID :	112,230	.055	56,410	.060
Billings MT :	87,367	.043	39,464	.042
Great Falls MT :	81,804	.040	35,303	.038
Pacific division :	26,522,631	13.052	13,127,286	14.066
Nonmetropolitan areas :	3,377,262	1.662	1,789,586	1.918
All SMSA's :	23,145,369	11.390	11,337,700	12.148
Los Angeles-Long CA :	7,032,075	3.460	3,277,530	3.512
San Francisco-Oak CA :	3,109,519	1.530	1,579,732	1.693
Seattle-Everett WA :	1,421,869	.700	717,180	.768
Anaheim-Santa Ana CA :	1,420,386	.699	726,563	.779
San Diego CA :	1,357,854	.668	602,482	.646
Riverside-San Ber CA :	1,143,146	.563	551,058	.590
San Jose CA :	1,064,714	.524	575,198	.616
Portland OR :	1,009,129	.497	593,394	.636
Sacramento CA :	800,592	.394	427,428	.458
Honolulu HI :	629,176	.310	280,777	.301
Fresno CA :	413,053	.203	198,658	.213

See footnotes at end of table.

Continued--

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA 1/--Continued

Area	Population <u>2/</u>		Grocery store sales	
	Number	Percent of U.S. total	Amount	Percent of U.S. total
	Number	Percent	1,000 dollars	Percent
Tacoma WA :	411,027	0.202	154,542	0.166
Oxnard-Simi Valle CA :	376,430	.185	185,548	.199
Bakersfield CA :	329,162	.162	147,405	.158
Stockton CA :	290,208	.143	128,357	.138
Spokane WA :	287,487	.141	131,687	.141
Santa Barbara-San CA :	264,324	.130	122,283	.131
Salinas-Seaside-M CA :	250,071	.123	113,235	.121
Vallejo-Fairfield CA :	249,081	.123	113,354	.121
Eugene-Springfiel OR :	213,358	.105	108,524	.116
Santa Rosa CA :	204,885	.101	125,540	.135
Modesto CA :	194,506	.096	106,072	.114
Salem OR :	186,658	.092	95,207	.102
Yakima WA :	144,971	.071	75,990	.081
Anchorage AK :	124,542	.061	76,113	.082
Santa Cruz CA :	123,790	.061	77,068	.083
Richland-Kinnewic WA :	93,356	.046	46,775	.050

1/ In instances where an SMSA overlapped division boundaries, the SMSA was placed in the division in which it was primarily located. Data for nonmetropolitan areas within a division were obtained by subtracting the all-SMSA total from the division total. The data for nonmetropolitan areas are approximations of actual values because the all-SMSA total for a division may exclude some metropolitan areas that lie inside the division's boundaries (where an SMSA that crosses the division's boundaries is primarily located in another division) and include parts of metropolitan areas that lie within the boundaries of another division (where an SMSA that crosses the division's boundaries is primarily located in this division).

2/ 1970 population is reported for SMSA's as defined on August 15, 1973. This is consistent with definitions used in the 1972 Census of Retail Trade.

Sources: Bureau of the Census, Census of Retail Trade, 1972, Area Series--United States (RC72-A-52), U.S. Gov. Print. Off., 1975; U.S. Department of Commerce News, CB74-103, April 26, 1974; and U.S. Bureau of the Census, Census of Population: 1970, General Population Characteristics, Final Report, PC(1)-B1, United States Summary, U.S. Gov. Print. Off., 1972.



APPENDIX D--ANALYSIS OF TYPES OF STORES OPERATED BY THE FOUR LARGEST  
GROCERY STORE FIRMS IN SMSA's, 1972

The purpose of this appendix is to provide information about the store characteristics of the four largest grocery store firms in SMSA's. In most SMSA's, the four leading firms are highly specialized to supermarket operations. In some SMSA's, however, a convenience store chain may rank among the four leading firms and in some SMSA's, a significant number of superettes are operated by the four leading firms.

There are several reasons to expect that the four leading grocery store firms often are also the four largest supermarket firms. With a coefficient of .87, four-firm supermarket and grocery store concentration ratios are highly correlated. Supermarket sales in 1972 accounted for an average (unweighted) of 73.3 percent of total grocery store sales and the four leading supermarket firms accounted for 69.5 percent of supermarket sales, on an unweighted average basis. This means that the four leading supermarket firms accounted for 51 percent of grocery store sales, on average. Since this is only about 1 percentage point below the average four-firm grocery store concentration ratio, it suggests that the four leading supermarket firms must also be the four leading grocery store firms in most SMSA's.

Furthermore, the unweighted average four-firm small grocery store concentration ratio is low--25.6 percent in 1972--and all small stores only accounted for an average of 26.7 percent of total grocery store sales. This means that the four leading small grocery store firms together accounted for only about 7 percent of grocery store sales in the SMSA's. Thus, it appears unlikely that a small grocery store firm would rank among the four leading grocery store firms in very many SMSA's.

The four largest grocery store firms were assumed to be the same as the four largest supermarket firms when they operated the same number of 1) supermarkets, and 2) supermarkets reporting floor space. When possible, additional verification was obtained, i.e., when the firms reported the same supermarket sales, supermarket floor space, or sales of supermarkets reporting floor space.

Appendix table D-1 shows that in 214 (81 percent) of the 263 SMSA's in 1972, the four leading grocery store firms were also the four largest supermarket firms. In 55 SMSA's, the four largest grocery store firms had identical operations as the four largest supermarket firms. The incidence of common identity increased with SMSA size (appendix table D-2). In the 214 SMSA's in which the four leading grocery store firms were also the four largest supermarket firms, supermarkets accounted for 97.2 percent of the sales of the four largest grocery store firms.

In 49 SMSA's (appendix table D-3), the four leading grocery store firms were not the same as the four leading supermarket firms. These SMSA's were separated into two groups: those where one or more convenience store operators ranked among the four leading firms, and those where one or more of the four leading grocery store firms operated a significant number of superettes.

A convenience store firm was assumed to rank among the four leading grocery retailers in an SMSA when more than 20 percent of the four firms' stores had annual sales of less than \$500,000. This criterion was met in 19 of the 263 SMSA's. Each of the 19 SMSA's had a bimodal distribution, i.e., there were fewer superettes than small stores or supermarkets.

On average, small grocery stores accounted for 51 percent of the grocery stores operated by the four leading firms in the 19 SMSA's; this compares with 3 percent in the remaining 244 SMSA's. The four leading grocery store firms in the Nation's 263 SMSA's operated a total of 1,049 small grocery stores. Six hundred and sixty-nine, or 64 percent, of these stores were found in the 19 SMSA's that were assumed to have one or more convenience store operators among the four leading firms. Eleven of the 19 SMSA's were found in just four States: Texas, 3; Louisiana, 2; Florida, 3; and Ohio, 3. The complete list of SMSA's is as follows:

Akron, OH	Norfolk-Virginia Beach-Portsmouth, VA
Cleveland, OH	Oklahoma City, OK
Colorado Springs, CO	Sherman-Denison, TX
Daytona Beach, FL	Shreveport, LA
Fayetteville, NC	Springfield, OH
Gainesville, FL	Tallahassee, FL
Madison, WI	Topeka, KS
McAllen-Pharr-Edinburg, TX	Tuscon, AZ
Memphis, TN	Waco, TX
Monroe, LA	

In the 30 SMSA's listed below, the four largest grocery retailers operated a significant number of superettes. On average, 12 percent of the grocery stores operated by the four largest firms in these SMSA's were superettes, compared to 7 percent for the four leading firms in all SMSA's.

Amarillo, TX	Huntington-Ashland, WV
Austin, TX	Indianapolis, IN
Binghamton, NY	Jackson, MI
Brockton, MA	Jacksonville, FL
Bryan-College Station, TX	Kenosha, WI
Buffalo, NY	Laredo, TX
Burlington, NC	Lorain-Elyria, OH
Canton, OH	Lynchburg, VA
Columbus, OH	Milwaukee, WI
Dubuque, IA	New London-Norwich, CT
Duluth-Superior, MN	Provo-Orem, UT
Evansville, IN	Rochester, NY
Fall River, MA	San Francisco-Oakland, CA
Florence, AL	Stockton, CA
Gadsden, AL	Utica-Rome, NY

On average, supermarkets accounted for about 97 percent of the sales of the four largest firms in the 214 SMSA's where the four leading grocery store firms were also the four leading supermarkets firms. Although precise data are not available because of data suppressions by the Bureau of the Census, it



was estimated that supermarkets accounted for 85-90 percent of the sales of the four largest firms in the 19 SMSA's where convenience store firms ranked among the four largest. It was also estimated that supermarkets accounted for about 95 percent of the sales of the four leading firms in the 30 SMSA's where a significant number of superettes were operated by the four leading firms. Thus, even in these cities, the four leading firms are highly specialized to supermarket operations.

Appendix table D1--SMSA's where the four largest grocery store firms are and are not also the four largest supermarket firms, by size of SMSA, 1972

SMSA's with 1970 population of--	SMSA's where the four largest grocery store firms are--					
	All SMSA's			Not the same as the four largest supermarket firms		
	Number		Share of total	Number		Share of total
	- -	Number - -	Percent	Number	Percent	
1 million or more	34	28	82.4	6	17.6	
300,000 to 999,999	76	64	84.2	12	15.8	
150,000 to 299,999	76	61	80.3	15	19.7	
Less than 150,000	77	61	79.2	16	20.8	
All SMSA's	263	214	81.4	49	18.6	

Source: Prepared from special tabulations by the Bureau of the Census.

Appendix table D2--Percentage of sales through supermarkets by four largest grocery store firms in SMSA's where four largest grocery store firms are also four largest supermarket firms, by size of SMSA, 1972

SMSA's with 1970 population of--	: Supermarket : : sales as per-- : : SMSA's : : centage of : : their total : : grocery : : store sales :	SMSA's where supermarket sales of the four largest grocery store firms accounted for --				100% of their total : 95%-99.9% of their total: Less than 95% of grocery store sales : grocery store sales : their grocery sales				1/			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1 million or more	: 28	98.3	3	10.7	23	82.1	2	7.1					
300,000 to 999,999	: 64	97.2 2/	13	20.3	38	59.4	13	20.3					
150,000 to 299,999	: 61	97.0 2/	15	24.6	34	55.7	12	19.7					
Less than 150,000	: 61	96.8 2/	24	39.3	22	36.1	15	24.6					
All SMSA's	: 214	97.2	55	25.7	114	54.7	42	19.4					

1/ Portion of SMSA's where the four largest grocery store firms are also the four largest supermarket firms.

2/ Data for one SMSA was not included because it was suppressed by the Bureau of the Census to avoid disclosure of individual operations and its value was not estimated by USDA-FTC for this report.

Source: Prepared from special tabulations by the Bureau of the Census.

Appendix table D3--SMSA's where the four largest grocery store firms are not the same as the four largest supermarket firms, by size of SMSA, 1972

SMSA's with 1970 population of--	:	SMSA's	:	SMSA's where one or more of the four largest grocery store firms operated a significant number of--	
				Convenience stores	Superettes
	:		:	<u>Number</u>	
1 million or more	:	6	:	1	5
300,000 to 999,999	:	12	:	6	6
150,000 to 299,999	:	15	:	7	8
Less than 150,000	:	16	:	5	11
All SMSA's	:	49	:	19	30

Source: Prepared from special tabulations by the Bureau of the Census.

## APPENDIX E--SMSA's WITH 1972 CONCENTRATION RATIOS THAT MAY NOT BE COMPARABLE WITH EARLIER CONCENTRATION RATIOS

The purpose of this appendix is to identify SMSA's that experienced events that might affect the comparability of 1972 concentration ratios among SMSA's and over time. These events are 1) a significant change in political subdivisions included in an SMSA's definition; 2) one or more of the four leading grocery retailers in an SMSA changed ownership or ceased operations during 1972; and 3) the four leading firms in an SMSA, as a group, opened or closed a large proportion of their supermarkets during 1972. Appendix B was included in this report to show definition changes for each SMSA during the 1954-72 period. Appendix E goes farther by identifying SMSA's that have had significant area definition changes and SMSA's in which a relatively large number of grocery stores were opened or closed by the four leading firms. Specifically, 38 SMSA's are identified (appendix table E-1) in which: 1) a large percentage change in population occurred because of changes in an SMSA's area definition between 1967 and 1972; and/or 2) one or more of the four largest firms in an SMSA added or dropped a significant portion or all of its operations during 1972.

### Definition Changes

Significant definition changes can occur when political subdivisions are added to or deleted from an SMSA or when political boundaries of subdivisions are altered, so as to add or delete large numbers of people from an SMSA. For purposes of this appendix, a significant change in SMSA definition was defined to have occurred during the 1967-72 period whenever: 1) political subdivisions whose 1967 populations were 20 percent or more of the SMSA's total 1967 population were added, or 2) subdivisions whose 1967 populations were 15 percent or more of the SMSA's 1967 population were deleted during the period.

Two cities (Brockton, Massachusetts and Paterson-Clifton, New Jersey) had significant reductions in population due to definition changes, while 11 SMSA's had significant increases in population (see appendix table E-1).

### Part-Year Operations

Two types of part-year operations are identified in this appendix: 1) where one or more of the four largest firms in an SMSA discontinued all of its operations in the SMSA during 1972; and 2) when 25 percent or more of the supermarkets operated by the four largest firms were either opened or closed during 1972.

Part-year operations pose a problem in the construction of concentration ratios. In particular, market concentration will be understated when a leading firm changes ownership during the year. The understatement occurs because its market share is divided between two firms. Part-year operations also can affect the comparability of other data. For example, sales per square foot of selling area will be understated when sales do not cover a full year.

### Change in Ownership of a Leading Firm

The following example illustrates how a change in ownership of one of the leading firms can affect the four-firm concentration ratio in an SMSA. Assume that during the first six months of the year, grocery stores operated by the four leading firms accounted for 55 percent of total grocery store sales with their individual market shares shown in column I.

	I	II
Firm 1	30%	15%
Firm 2	10	15
Firm 3	10	10
Firm 4	5	10
Total	55%	50%

If these firms continued in operation with the same sales shares throughout the remainder of the year, the four-firm concentration ratio for the year would be 55 percent. However, if the leading firm sold its stores to a new firm in the market who took over operations at mid-year and maintained the same market share throughout the remainder of the year, the four leading firms would have the market shares shown in column II and the four-firm concentration ratio would be 50 percent instead of 55 percent. The lower concentration ratio is obtained because the 30 percent market share of the largest operation is divided between two firms who would rank 1 and 2, thereby displacing the fourth largest operation from the list of four leading firms.

As a general principle, a change in ownership cannot reduce the four-firm concentration ratio by an amount that is greater than the market share of the displaced firm. An eight-firm concentration ratio similarly may be reduced by an amount that does not exceed the market shares of any firms displaced from the top eight positions. The amount of understatement will be less than these limits if either the selling or acquiring firm does not rank among the leading firms (i.e., does not displace one of the leading operations).

### The Annualization Procedure

The SMSA grocery store concentration ratios contained in this report for 1972 are further complicated because sales of part-year operations were annualized for the purpose of determining firm ranking. The following example illustrates the effects of annualization. Assume that during the first 11 months of the year, grocery stores operated by the four leading firms accounted for 55 percent of total grocery store sales, with their individual market shares shown in column I below.

	I	II	III
Firm 1	30%	27.5%	27.5%
Firm 2	10	10	2.5
Firm 3	10	10	10
Firm 4	5	5	10
Total	55%	52.5%	50%



If the leading firm sold its stores to a new market entrant who began operation at the beginning of the twelfth month, and maintained the same market share during that month, the new firm's annual market share would be  $30 \div 12$  or 2.5 percent. This would not rank it among the four leading firms. The annual market share of the firm that operated the stores for 11 months would be 30 minus 2.5, or 27.5 percent. Column II above summarizes the market shares and four-firm concentration ratio assuming that sales are not annualized in determining in firms' rankings in the market.

Column III above shows what the market shares and four-firm concentration ratio would be if sales were annualized to determine rank. In this instance, the annualized sales of the selling and acquiring firms would each equal 30 percent of the market, so they would be considered to be the two leading firms. As a result, the fourth largest operation, with 5 percent of the sales, would be displaced from the top four rankings. The concentration ratio, calculated using the actual sales of the four leading firms would equal 50 percent (see column III). Thus, in this example, the normal ranking procedure would produce a four-firm concentration ratio of 52.5 percent whereas the annualization procedure results in a value of 50 percent. The effects of annualization occur whenever an entrant builds or acquires stores and whenever a firm leaves the market by closing or selling its stores.

The annualization procedure will result in understatement of 4-, 8-, or 20-firm concentration ratios whenever it results in the displacement of one of the 4, 8, or 20 largest operations, respectively. Annualization causes concentration ratios to be understated by an amount equal to the market shares of displaced firms less the market shares of firms that are included among the leaders by the annualization procedure. It is considered highly unlikely that annualization would result in an understatement of four-firm concentration ratios by more than 2.5 percentage points, and, in most instances, the difference is very small (less than 1 percentage point). Eight- and twenty-firm concentration ratios would be understated by smaller amounts.

Appendix table E-1 identifies SMSA's which may have data problems for 1972. Column 1 shows changes in population for those SMSA's which had significant definition changes between 1967 and 1972. Columns 2 through 4 show when the four leading firms in an SMSA had a large change in number of supermarkets operated due to a change of ownership or openings and closings. In these SMSA's, concentration ratios, sales per square foot of selling area, and sales per store for the four leading firms may be understated. Also, for these SMSA's, the annualization procedure, discussed above, may contribute to the understatement of concentration ratios. Data in column 2 of the table show that one or more of the four leading firms in 16 SMSA's discontinued operations during 1972.

Column 3 shows the proportion of their supermarkets that the four leading firms closed during 1972. A significant number of closings occurred in 12 SMSA's. Column 4 shows the proportion of their supermarkets that the four leading firms opened during 1972. Six SMSA's had a significant number of openings. Fayetteville, Arkansas had a significant number of both openings and closings.

In addition to those SMSA's included in appendix table E-1, concentration ratios for Milwaukee, Wisconsin may not be comparable between 1967 and 1972 because data from sources other than the Bureau of the Census strongly suggest that its 1967 ratios, contained in this report, were understated by the Census.

Appendix table E1--SMSA's that had major definition changes between 1967 and 1972, and SMSA's in which the four largest firms opened or closed a relatively large number of supermarkets during 1972

SMSA	: Change in 1967 : population due to : additions or dele- : tions of political : subdivisions during : 1967-72 <u>1/</u>	: SMSA's with a large number of supermarket : openings or closings by the four largest firms		
		: Closings		: Openings
		: Fewer than	: Change in	: Change in
		: four firms at	: number of	: number of
		: end of year <u>2/</u>	: supermarkets <u>3/</u>	: supermarkets <u>4/</u>
	: percent		- - - Percent - - -	
Akron, OH	: --	--	--	41
Ankorage, AK	: --	X	10	--
Austin, TX	: --	X	7	--
Baton Rouge, LA	: 25	--	--	--
Biloxi-Gulfport, MS	: 20	--	--	29
Brockton, MA	: -18	--	--	--
Bryan-College Station, TX	: --	X	-- <u>5/</u>	--
Canton, OH	: --	--	--	29
Charleston, SC	: --	X	25	--
Charlotte-Gastonia, NC	: 35	--	--	--
Fayetteville, NC	: --	X	10	--
Fayetteville, AR	: --	--	20	30
Fort Wayne, IN	: 23	X	11	--
Grand Rapids, MI	: --	X	37	--
Greenville-Sparta, SC	: 54	--	--	--
Huntsville, AL	: 27	--	--	--
Kalamazoo-Portage, MI	: 26	--	--	--
Las Vegas, NV	: --	--	29	--
Lexington, KY	: 48	--	--	--
Lima, OH	: 26	--	--	--
Mansfield, OH	: --	X	100 <u>6/</u>	--
Mobile, AL	: --	X	25	--
Monroe, LA	: --	--	--	44
Muskegon, MI	: --	X	45	--
Nashville-Davidson, TN	: 20	--	--	--
New London-Norwich, CT	: 44	--	--	--
Owensboro, KY	: --	X	43	--
Paterson-Clifton, NJ	: -70	--	--	--
Pittsfield, MA	: --	X	67 <u>7/</u>	--
Portland, ME	: --	--	--	36

See footnotes at end of table

Continued --

Appendix table E1--SMSA's that had major definition changes between 1967 and 1972, and SMSA's in which the four largest firms opened or closed a relatively large number of supermarket during 1972 -- continued

SMSA	: Change in 1967 : population due to : additions or dele- : tions of political : subdivisions during : 1967-72 <u>1/</u>	: SMSA's with a large number of supermarket : openings or closings by the four largest firms	: Closings : Openings	
			: Fewer than : four firms at : end of year <u>2/</u>	: Change in : number of : supermarkets <u>3/</u> : Change in : number of : supermarkets <u>4/</u>
	: Percent		- - - Percent - - -	
Roanoke, VA	: --	--	47	--
Salinas-Seaside, CA	: --	X	21	--
Sioux City, IA	: --	X	30	--
Springfield, MO	: --	X	10	--
Steubenville-Weirton, OH	: --	--	50	--
Terre Haute, IN	: --	X	22	--
Youngstown-Warren, OH	: --	--	86 <u>8/</u>	--

1/ Includes: SMSA's in which political subdivisions that had 1967 populations equal to 20 percent or more of the SMSA's 1967 population were added during the 1967-72 period; and SMSA's in which political subdivisions that had 1967 populations of 15 percent more of the SMSA's 1967 population were deleted during the 1967-72 period. --denotes that neither criteria was met.

2/ An "X" denotes an SMSA where one or more of the four largest grocery store firms in 1972 did not operate any grocery stores in the SMSA at the end of the year.

3/ Data are included for SMSA's in which: one or more of the four largest firms did not operate any grocery stores at the end of 1972; and/or the four leading firms closed 25 percent or more of the number of supermarkets they operated at the end of the year.

4/ Includes SMSA's in which the four leading firms opened 25 percent or more of the number of supermarkets they operated at the end of 1972.

5/ No supermarkets were closed by the four leading firms during 1972. However, they closed 15 small grocery stores.

6/ The four largest firms operated 10 supermarkets at the beginning of the year. Five of the stores were closed during the year and two of the firms completely ceased operations in the SMSA.

7/ The four largest firms operated six supermarkets at the end of 1972; one was opened and four were closed during the year.

8/ Eighteen supermarkets were closed by the largest firms during 1972 and none were opened.

Source: Special tabulations by the Bureau of the Census and appendix B.

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SUBJECT: [Subject]

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