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

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Economics, Statistics, and Cooperatives Service U.S. Department of Agriculture Bureau of Economics Federal Trade Commission

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### 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 or 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 Wortheast 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). 1/ 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 (17 and 18). 2/ 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,

<sup>\*</sup> The authors, respectively, are agricultural economist, Economics, Statistics, and Cooperatives Service, U.S. Department of Agriculture; and Economists, Bureau of Economics, Federal Trade Commission.

<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. 3/ 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.

<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.  $\underline{4}$ / 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. 5/ 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

<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 (5 and 14). 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  $(\underline{6}$  and  $\underline{10})$ . 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

<sup>6/</sup> 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 crosstabulated 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)

<sup>7/</sup> 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. 9/
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.  $\underline{10}/$  The addition of newly defined SMSA's increased

<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

<sup>11</sup>/ 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.

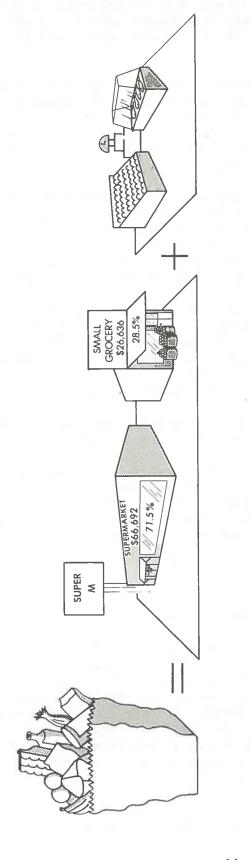
Tables 39 through 46 provide data on the number and sales per store (current and deflated dollars) of grocery stores operated by the four largest (tables 39-40), 5th-8th largest (tables 41-42), 9th-20th largest (tables 43-44), and all grocery store firms (tables 45-46) for the census years 1954, 1958, 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.  $\underline{12}$ / 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 ( $\underline{20}$ )). 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 ( $\underline{21}$ ).

<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



Total food store sales\* \$100,719 100.0%

Grocery store sales \$93,328 92.7%

Specialty store sales \$7,391 7.3%

\*All sales in millions of dollars

Source: U.S. Bureau of the Census, Census of Retail Trade, 1972 Area Series, United States, (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).

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

<sup>14</sup>/ 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 1evel 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).

<sup>15/</sup> 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

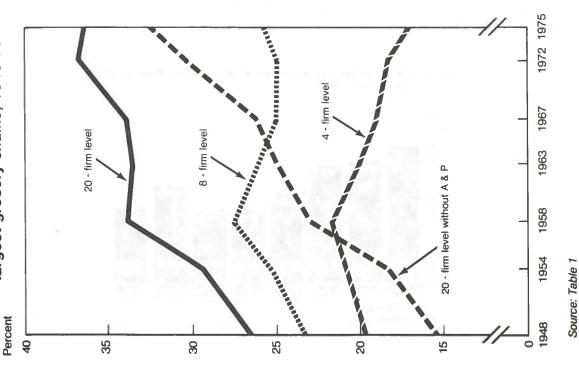
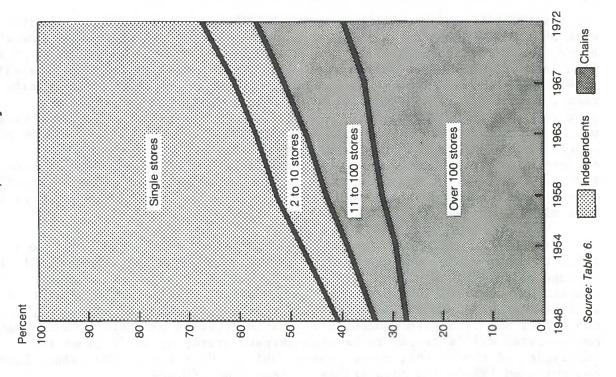


Figure 2 — Distribution of grocery store sales by size of firm, census years 1948-72



# 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.

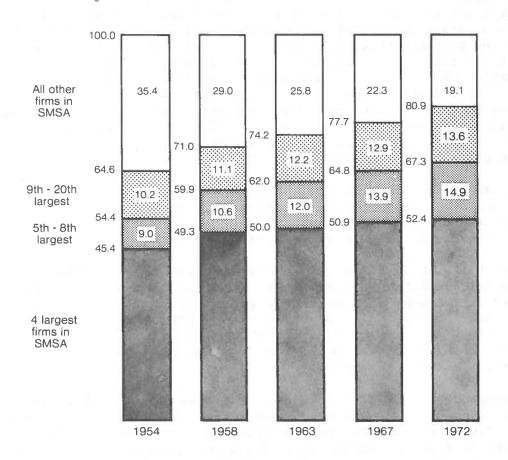
Figure 7 shows the percentage distribution of SMSA's by percentage point change in four-firm concentration in each of the four intercensal periods. Although average concentration increased over time, there was considerable variability in the changes among individual SMSA's.

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

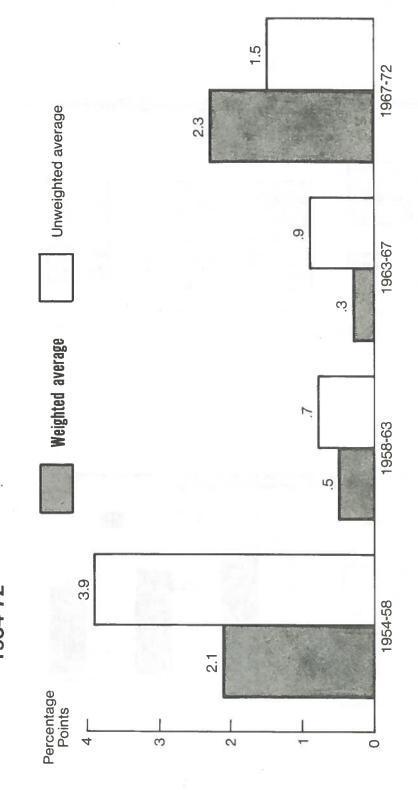
Figure 5 - Average 4 -, 8 -, and 20 - firm grocery store sales concentration in SMSA's, census years 1954-72



Unweighted averages of all SMSA's.

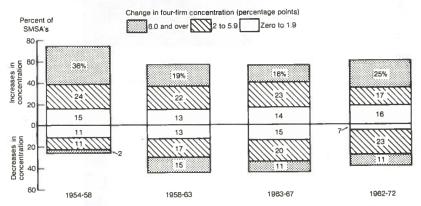
Source: Table 12

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

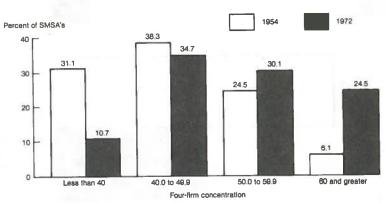
Figure 7 — Percentage distribution of SMSA's by change in four-firm grocery store sales concentration during intercensal periods, 1954-72



Changes for 198 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.

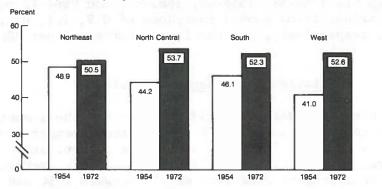
# Supermarket Concentration (tables 21-22)

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). 16/ 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. 17/ 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).

<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.

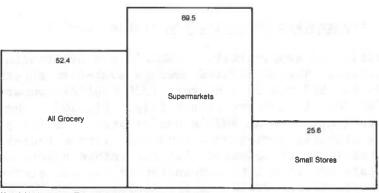
Figure 9 —Average four-firm grocery store sales concentration in SMSA's grouped by region, 1954 and 1972



Unweighted average of all SMSA's in the census region.

Source: Table 17

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

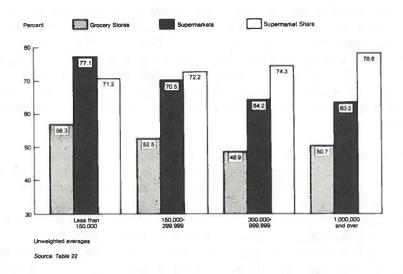


Unweighted averages. The supermarket and small store averages

xclude 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 comparision 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 pecent). 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. 18/ Partial Herfindahl indexes are calculated for specified groups of leading firms, e.g., the four largest or the 5th through 8th largest.

<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.

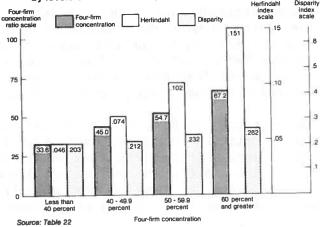
There was a high correlation between Herfindahl and concentration ratio values in SMSA's. The simple correlation coefficient between the Herfindahl index and four-firm concentration ratio was 0.91 for grocery stores, 0.91 for supermarkets, and 0.89 for small stores. 19/

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

<sup>19</sup>/ 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.

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

<sup>20/</sup> 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.

<sup>21/</sup> 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.

<sup>22/</sup> 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 14 — Average sales size of grocery stores, by population of SMSA's, 1972 non metro areas 1,000,000 300,000 150,000 Less than or more to 999,999 to 299,999 150,000 Weighted Averages Source: Tables 9 and 24 Thousand dollars Figure 13 — Average sales size of grocery stores in SMSA's, by region, 1972 West South Northeast North Central Weighted averages Source: Table 24 Thousand dollars 

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).

<sup>23/</sup> 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.

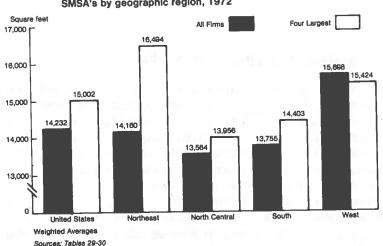


Figure 15 — Selling area per supermarket, all supermarket firms and four largest, SMSA's by geographic region, 1972

## 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.

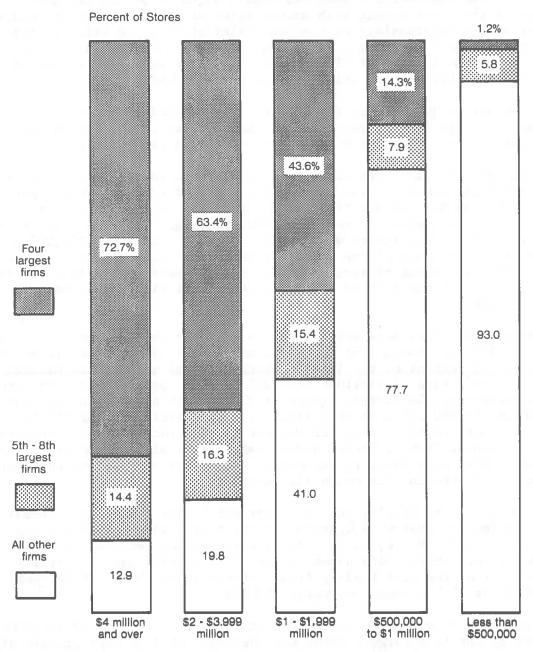
About 85 percent of the stores operated by the four largest firms in an SMSA were supermarkets. Sixty-four percent of the grocery stores operated by the 5th through 8th largest firms were not supermarkets; 58 percent of the stores had annual sales of less than \$500,000 (fig. 17). The high frequency 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



Annual store sales

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, SMSA's, 1972



Source: Table 31

small and 2) relatively concentrated.  $\underline{24}$  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.

	<u> </u>	197	O SMSA popula	tion	
	Less than	150,000-	300,000-	1 million	A11
	150,000	299,999	999,999	or more	SMSA's
		N	umber of firm	s	
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					
l 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. 25/ 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.

	Fo	ur-firm co	ncentrat	ion ratio	
	Less than	40 -	50 -	60% or	
	40%	49.9%	59.9%	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.

		North		
	Northeast	Central	South	West
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  $1972 \, (\underline{20})$ .

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.

	Northeast	North Central	South	West
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 comparision 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).

	Northeast	North Central	South	West
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

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

<sup>27/</sup> 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.

	Four-firm concen- tration ratio	Annual sales per store (000)	Selling area per store sq. ft.	Sales per square foot of selling area	Payroll per dollar of sales	Supermarkets share of grocery store sales
Northeast North Central South West United States	73.0 58.0	\$2,789 2,717 2,438 2,837 2,682	14,160 13,564 13,755 15,698 14,232	\$200 199 180 189 192	9.05¢ 9.51 8.39 9.98 9.21	76.6% 78.7 71.1 81.3 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.

	A11	firms	Four lea	ding firms
	Chains with	Chains in	Chains with	Chains in
	11 or more	11 or more	11 or more	11 or more
	Stores	SMSA's	stores	SMSA's
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.

#### REFERENCES

- 1. Bain, Joe, "Relationship of Profit Rates to Industry Concentration,"

  Quarterly Journal of Economics, August 1951.
- Collins, Norman R. and Lee Preston, Paper presented before the Subcommittee on Antitrust and Monopoly, Committee on the Judiciary, U.S. Senate, 89th Congress, and published in Hearings on Economic Concentration, Part 2, Mergers and Other Factors Affecting Industry Concentration, 1965.
- 3. Federal Trade Commission, Chain Stores, 1932.
- 4. Economic Inquiry into Food Marketing: Concentration and Integration in Retailing, 1960.
- 5. Economic Report on the Structure and Competitive Behavior of Food Retailing, 1966.
- 6. \_\_\_\_\_, Economic Report on the Baking Industry, 1968.
- 7. Economic Report on Food Chain Selling Practices in the District of Columbia and San Francisco, 1969.
- 8. <u>Economic Report on the Influence of Market Structure on the Profit Performance of Food Manufacturing Companies</u>, 1969.
- 9. \_\_\_\_\_\_, Economic Report on Discount Food Pricing in Washington, D.C., 1971.
- 10. \_\_\_\_\_\_, Economic Report on the Dairy Industry, 1973.
- 11. \_\_\_\_\_\_, Economic Report on Food Chain Profits, 1975.
- 12. Hall, Marshall and Nicolaus Tideman, "Measures of Concentration," <u>Journal of the American Statistical Association</u>, vol. 62, no. 317, March 1967, pp. 162-168.
- 13. Marion, Bruce W., Willard F. Mueller, Ronald W. Cotterill, Frederick E. Geithman, and John R. Schmelzer, <u>The Profit and Price Performance of Leading Food Chains</u>, 1970-1974, U.S. Govt. Print. Off., April 12, 1977.
- 14. National Commission on Food Marketing, Organization and Competition in Food Retailing, Technical Study No. 7, June 1966.
- 15. The Structure of Food Manufacturing, Technical Study No. 8, June 1966.
- 16. \_\_\_\_\_, Food from Farmer to Consumer, June 1966.
- 17. U.S. Department of Agriculture, <u>Marketing and Transportation Situation</u>, MTS-198, Econ. Res. Serv., August 1975.

- 18. Agricultural Outlook, AO-38, Econ., Stat., and Coop. Serv., November 1978.
- 19. U.S. Department of Commerce, U.S. Census of Business: 1954, Volume 1, Retail Trade--Summary Statistics, Bureau of the Census, 1957.
- 20. Census of Retail Trade, 1972, Area Series--United States, RC72-A-52, Bureau of the Census, 1975.
- 21. , Census of Retail Trade, 1972, Subject Series--Establishment and Firm Size, RC72-S-1, Bureau of the Census, 1975.
- 22. Census of Retail Trade, 1972, Volume 1, Summary and Subject Bureau of the Census, 1976.
- 23. Monthly Retail Trade, January 1979, BR-79-01, Bureau of Census, March 1979.
- 24. Weiss, Leonard, "Quantitative Studies of Industrial Organization,"

  Frontiers of Quantitative Economics, Michael D. Intriligator (ed.),

  Amsterdam: North Holland Publishing Co., 1971.
- 7. The Concentration-Profit Relationship and Antitrust,"

  Industrial Concentration: The New Learning, Economic Report on the Influence of Market Structure on the Profit Performance of Food Manufacturing Companies, Boston: Little, Brown and Co., 1969.

Table 1--Share of U.S. grocery store sales of 20 largest grocery chains, census years 1948-72 and 1975

Firm size	1948	1954	1958	1963	1967	: 1972	: 1975
				Percent			
4 largest	20.1	20.9	21.7	20.0	19.0	18.1	17.9
5th to 8th largest	3.6	4.5	5.8	9.9	6.7	7.1	7.6
8 largest	23.7	25.4	27.5	26.6	25.7	25.2	25.5
9th to 20th largest	3.2	4.5	9.9	7.4	8.7	11.9	11.5
20 largest	26.9	29.9	34.1	34.0	34.4	37.1	37.0
A&P	10.7	11,3	11.1	7.6	8.3	9.9	6.4
20 largest excluding A&P	16.2	18.7	23.0	24.6	26.1	30.5	32.1

Schmelzer, The Profit and Price Performance of Leading Food Chains, 1970-74. A study prepared for the Joint Economic Committee, Congress of the United States. U.S. Gov. Print. Off., Apr. 12, 1977, p. 11. Source: Bruce W. Marion, Willard F. Mueller, Ronald W. Cotterill, Frederick E. Geithman, and John R.

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

/roll :	Per dollar: Employment 5/sales 4/:	Percent Number	8.4 1,471,695		9.1 664,650	(D) (D)	9.1 49,581	(D) (D)		9.4 28,139		9.0 222,191	8.4 103,663	5.3 239,689	
Annual payroll	Amount :	I	7,845,656		4,154,305	(D)	287,453	(D)	99,151	153,385	350,534	1,107,960	462,890	815,714	
	sales	- 1,000 dollars	93,327,525		45,719,038	(D)	3,147,722	<u>(a)</u>	1,066,219	1,624,563	3,759,188	12,336,003	5,511,364	15,447,515	
••••	Stores $\frac{3}{:}$ :	oer	194,346		24,621	3,227	1,745	688	749	1,104					
••••	Firms	Number -	: 155,235	••	98 :	: 52	06 :	: 41	:	: 131	: 541	: 6,333	: 7,665	: 149,236	•
	Firm sales size $\frac{2}{}$		All firms	Annual sales of:	\$100 million or more	\$50 million to \$99,999,000	\$25 million to \$49,999,000	\$20 million to \$24,999,000	\$15 million to \$19,999,000	\$10 million to \$14,999,000	\$5 million to \$9,999,000	\$1 million to \$4,999,000	\$500,000 to \$999,000	Less than \$500,000	

 $<sup>\</sup>underline{1}/$  (D) denotes that data were suppressed by the Bureau of the Census to avoid disclosure of individual operations.

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.

 $<sup>\</sup>frac{2}{3}$ / Based on the total sales of all grocery stores operated by the firm.  $\frac{3}{4}$ / Number in business at the end of 1972.  $\frac{4}{5}$ / Includes establishments without payroll.  $\frac{5}{5}$ / Number of employees for the week of March 12, 1972.

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

	all : Average : sales per	: Store 5/ :Cumulative: :percentage:	- 1,000 dollars		43.1 3,331		57.3 2,566		65.8 2,626			70.3 2,783		00.00	2,396
Stores 4/	Portion of stores	:lative: :number:Percent-:Cumulative : age :percentage	- Percent		7.4				4.1	1.1		1.8		25.4	100.0
Sto	Cumu-	lative: number:Pe	Number -		_	13,409	15,244	16,422	17,512	17,805	18,234	18,719	19,869	26,617	1
		Number	- Numb	667,6	1,964	1,946	1,835	1,178	1,090	293	429	485	1,150	6,748	26,617
20	Portion of otal sales	Percent -: Cumulative: age :percentage:	ent -	35.7	45.8	56.3	63.4	68.4	72.9	74.1	75.6	7.77	82.7	6.66	1
Annual sales 3/	Portion of total sales	Percent- age	- Percent	35.7	10.1	10.5	7.1	5.0	4.5	1.2	1.5	2.1	5.0	17.2	6.66
: Annua		Amount	1,000 dollars	23,836,539	6,726,195	6,992,186	4,766,252	3,320,992	2,992,147	821,882	1,012,547	1,378,019	3,353,931	11,491,170	66,691,860
	on of all firms	.lative: number:Percent-:Cumulative: age :percentage:	ent -	0.1	.2	5.	1.0	1.6	2.8	3,3	4.1	5.6	12.3	8.66	1
Firms 2/	Portion of all firms	Percent-	- Percent	0.1	۲.	ຸຕຸ	5	9.	1.2	5.	∞.	1.5	6.7	87.5	8.66
Fi	i i i	Number: lative: number:	Number -	10	20	77	79	124	208	242	300	410	893	7,165	
		Number:	. Nu≡	. 10	10	24	35	: 45	: 84	: 34	: 58	: 110	: 483	:6,272	: 7,165
	Firm sales size $\frac{1}{2}$	(1,000 dollars)		1 million and over	500.000 = 999	200 000 = 499,999	100.000 - 199.999	20,000 - 99,999	25,000 - 49,999	20,000 - 24,999	15,000 - 19,999	10 000 - 14,999	5.000 - 9.999	Less than 5,000	Total

= Not applicable.

-- = 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 at the end 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 1/

Firm size	:		:	1954	:	1958	: : 1963	: : 1967	: : 1972
10 10 10	:					Number	of firms		
All firms: Independent	• •	NA		NA		NA	218,615	187,293	155,235
1 store		NA		NA		NA	215,129	184,489	151,974
2-10 stores	:	NA		NA		NA	3,228	2,505	2,895
Chain	:			* :					
11-100 stores	G :	NA		NA		NA	226	260	324
101 or more stores	:	NA		NA		NA	32	39	42
					Pe	rcenta	ge of firm	ıs	
All firms: Independent	•	NA		NA		NA	100.00	100.00	100.00
1 store		NA		NA		NA	98.40	98.50	97.90
2-10 stores Chain	:	NA		NA		NA	1.50	1.30	1.90
11-100 stores	r.	NA		NA		NA	.10	.14	.21
101 or more stores		NA		NA		NA	.01	.02	.03

NA = Not available.

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.

<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.

Table 5--Grocery stores by size of firm, United States, census years 1948-72  $\underline{1}/$ 

Firm size	1948 <u>2</u> /	1954 2/ <u>3</u> /	1958 <u>3</u> /	1963	1967	: : 1972 :
		Nur	mber of gro	ocery store	es	
All firms: Independent	377,939	279,440	259,796	244,838	218,130	194,346
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> </u>	Perce	entage of g	grocery st	ores	
All firms: Independent	100.0	100.0	100.0	100.0	100.0	100.0
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

<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.

<sup>2/</sup> Does not include delicatessens.

<sup>3/</sup> May not include nonemployer establishments.

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> ,
	:	:		_:		:		:		:	
	•			-	1		111 - 1	11			
	:		Annu	ıaı	sales	(m1.	Lilon do	) T T 5	ars)		
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>I</u>	er	centage	of	total s	sale	28		
All firms:	: 100.0		100.0		100.0		100.0		100.0		100.0
Independent	. 100.0		100.0		100.0		100.0		10010		
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
101 or more stores	: 27.4		29.3		32.3		34.3		30.1		39

<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.

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

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

Firm size	1948			•	1967	: : 1972 <u>2</u> /
	:	Annual	payroll (	million do	llars)	
All firms: Independent	1,258	2,035	2,649	3,693	4,897	7,731
1 store	: 550	845	1,014	1,325	1,623	2,072
2-10 stores Chain	: 132 :	236	280	424	542	917
11-100 stores	: 130	257	372	520	791	1,396
101 or more stores	: 446	697	984	1,423	1,942	3,346
	:	Per	centage of	total pay	roll_	
All firms: Independent	100.0	100.0	100.0	100.0	100.0	100.0
1 store	: 43.7	41.5	38.3	35.9	33.1	26.8
2-10 stores Chain	: 10.5	11.6	10.6	11.5	11.1	11.9
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
	:	Payrol1	per dollar	of sales	(percent)	
All firms <u>3</u> /: Independent	5.1	5.9	6.1	7.0	7.5	8.7
1 store	: 3.8	4.7	4.9	5.8	6.4	7.8
2-10 stores Chain	7.8	7.8	7.1	8.2	8.6	9.3
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.

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.

<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.

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

	Grocery	: Annual	Annual	payroll	: F1
Store size	stores	sales	: Amount	Per dollar sales 1/	Employees 2/
	: Number	- 1,000	dollars -	Percent	Number
All stores	: <u>3</u> / 215,805	93,327,525	7,845,656	8.4	1,471,695
Stores operated entire year With annual sales of	: : 178,379	87,440,830	7,374,807	8.4	1,381,273
\$5 million or more	: 1,687	11,792,582	1,032,624	8.8	171,931
\$2 million to \$4,999,000	: 11,333		3,038,829	8.9	498,697
\$1 million to \$1,999,000	: 11,974			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	160,52
\$50,000 to \$99,000	: 29,799	2,144,224	75,038	3.5	27,35
\$30,000 to \$49,000	: 18,011			2.4	7,89
\$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	1,04
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	1,381,27
100 employees or more	: 758			9.2	106,70
50 to 99 employees	: 4,415			9.1	290,00
20 to 49 employees	: 17,052			9.1	528,34
15 to 19 employees	: 5,914			9.2	99,920
10 to 14 employees	: 8,675	5,529,653	500,227	9.0	102,32
6 to 9 employees	: 13,214			8.2	95,48
2 to 5 employees	: 41,882			7.0	135,98
1 employee	: 22,504			4.0	22,50
No employees	: 5,296		32,557	5.6	-
Stores not operated entire year	: 37,426	5,886,695	470,849	8.0	90,42
In business at end of year	: 15,967			8.1	19,52
Not in business at end of year	: 21,459			7.9	70,89

<sup>-- =</sup> Not applicable.

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.

<sup>1/</sup> 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.

 $<sup>\</sup>overline{4}$ / Employment-size classes are based on number of paid employees for week including March 12.

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

Year       SMSA's       United       SMSA's       Of stores       United       SMSA's       States       SMSA's       States       SMSA's       SMSA's		• • • •	Grocery	Grocery stores	SMSA's	Grocery store sales	ore sales	SMSA's
1954   1/2   2.79,440   141,902   50.8   34,421   22,398   1958   1/2   2.59,796   136,024   52.4   43,696   29,363   1963   1/2   2.29   2.18,130   115,659   53.0   65,074   45,358   1972   2.63   194,346   113,045   58.2   93,328   68,697	Year	SMSA's	United	SMSA's	percentage of stores	United	: SMSA's	of grocery sales
1954 1/       :       212       279,440       141,902       50.8       34,421       22,398         1958 1/       :       215       259,796       136,024       52.4       43,696       29,363         1963 1/       :       218       244,838       124,539       50.9       52,566       35,748         1967       :       229       218,130       115,659       53.0       65,074       45,358         1972       :       263       194,346       113,045       58.2       93,328       68,697		1	Number -	1 1	Percent	- Million	dollars -	Percent
1958 1/       215       259,796       136,024       52.4       43,696       29,363         1963 1/       218       244,838       124,539       50.9       52,566       35,748         1967       229       218,130       115,659       53.0       65,074       45,358         1972       263       194,346       113,045       58.2       93,328       68,697	$1954 \frac{1}{1}$	212	279,440	141,902	50.8	34,421	22,398	65.1
1963 1/       : 218       244,838       124,539       50.9       52,566       35,748         1967       : 229       218,130       115,659       53.0       65,074       45,358         1972       : 263       194,346       113,045       58.2       93,328       68,697	1958 1/	215	259,796	136,024	52.4	43,696	29,363	67.2
1967 : 229 218,130 115,659 53.0 65,074 45,358 1972 : 263 194,346 113,045 58.2 93,328 68,697	1963 1/	218	244,838	124,539	50.9	52,566	35,748	68.0
1972 : 263 194,346 113,045 58.2 93,328 68,697	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
	Numb	er <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 Small stores:	: 24,994 :	18,473	73.9
\$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

<sup>1/</sup> 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

	Grocery store	es operated by	Share of
Store sales size	All firms in SMSA's	Four largest firms in SMSA's	four largest firms
	: Nur	mber <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

 $<sup>\</sup>underline{1}/$  Number in business at the end of 1972.

Source: Special tabulations by the Bureau of the Census.

CONTINUED --

SEE FOOTNUTE AT END OF TABLE.

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

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Harmonia	ALBUGUERQUE	Σ	יט	60.3	8	g,	9	· 12	å	4 :	,	* 1 (	•		· :	~ 4	å
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TABLE 12--CONCENTRATION RATIOS FOR 4, 8, AND 20 LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, AND 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

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SEE FOOTNOTE AT END OF TABLE.

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TABLE 12--CONCENTRATION RATIOS FOR 4, 6, AND 2C LARGEST GROCERY FIRMS, 1954, 1958, 1963, 1967, AND 1972, SMSA\*S LISTED ALPHABETICALLY 1/--CONTINUED

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I TCHBURG-LEOMINS	M M	NA	-	-	2	4 •	AN	.9		1	5		NA		82.6	89.5	10
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SEE FOOTNOTE AT END OF TABLE.

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

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TABLE 12--CONCENTRATION RATIOS FOR 4, 8, and 20 Largest Grocery Firms, 1954, 1958, 1963, 1967, and 1972, SMSA'S LISTED ALPHABETICALLY 1/--CONTINUED

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MILWAUKEE	I	42.6	46.7	39.9	31.6	57.5	47.5	5 51.7	47.3	41.6	6.99		55.3	9.09	9.99	52.5	73.5
MINNEAPOLIS-ST PA	Z	31.4	0	6	ь.	0	. 00	44.	8	-	S.		9	å	ô	10	5
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MONROE	LA:	37.5	39.1	55.0	51.0	9	52.4	4 52.1	1.69	65.0	<b>8</b>		64.8	68 • 4	84.1	78.7	9
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	Z.	38.9	45.1	6	ις e	2	9 (M	51.	10		9		4.	8	1:	ů	4
ORLANDO	FL	63.2	62.5	147	1.	ស	8	1 70.	LC.	9	•		9	6	9	9	6
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OXNARD-SIMI VALLE	CA	AN	NA	NA	46.4	46.4	NA	Z	NA	62.8			Z Z	N A	Y.	82.1	ព
PARKERSBURG-MARIE	>	NA	AN	A N	A N	ហ្វ	NA	Z	Z	4	ů		⋖	⋖	ecf.	< −	ů,
PATERSON-CLIFTON	S.	64.2	60.6	48.6	51.1	9		99 +	50 80 80	61.5	ů		73.8	73.6	71.9	7.4.0	
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SEE FOOTNOTE AT END OF TABLE.

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

1954   1956   1967   1967   1972   1954   1958   1967   1958		••		4	GEST	FIRMS		••		B LA	GEST F	RMS		1	2	ARGE	FIR		-
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PERCENT  1. 37-4 45.8 7-2.5 46.7 46.4 48.3 56.8 52.8 51.4 55.8 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4	1		ı			1 1 1			-										
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19-7   19-7	PHOFNIX	AZ:	ധ	46.1	46.6	9	7.		6.0	7.	3	CΛ.	å	0	_	•1 78	Ü	30	9
	PINE BLUFF	n:	39.7	48.7	43.5	80	8		1.2	0	4 .	-	7.	m	7	•4 71	6.	9.4	•
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	PITTSFIELD	MA.	57.5	61.3	69.7	9	-		7.1	ы	÷	M	å	g.	œ	• 2 90	0	۳ ا ا	o N I
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19	NCE-WARWI	RI:	48.7	48.9	50.9	58.5	59.1		4.0	8	9	4		0	m ·	2 2	N C		
1.   1.   1.   1.   1.   1.   1.   1.	PROVO-CREM	UT:	40.6	39.4	49.8	50.3	51.3		2°0	ŝ	S	6		0	on)	20	20 1		
11   12   13   13   13   13   13   13		:00	50.1	53.4	62.0	60.2	70.3		0.1	9	υ Ω	ល	•	4	e-l	0.0	0		
C	RACINE		38 .5	51.2	52.9	43.0	51.9		0.0	w e	4	å		S	a	7 40	<del>-</del>		
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48.2         54.4         65.6         76.1         59.7         72.5         79.4         88.9         (D)         83.4         88.2         72.9		••											- (	,		i			
MA         NA         NA<	RENO	 >N	00	4	65.6	9	9		63.2	Š	9	0		8.5	4	2 3	Ţ.		•
VA:         50.5         47.9         49.9         50.4         45.2         57.9         57.7         60.4         62.2         65.9	-KINNEWI	WA:	⋖	A N	Z A	Z	7.		NA.	Z	Ž	Ž	9	2 (	ا ہـ	- 1		Z:	ů,
-SAN BER CA: 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 76.9 85.2 75.8 78.6 75.8 78.6 75.8 76.9 68.2 75.8 78.6 75.9 62.0 63.2 62.9 62.2 62.9 62.2 62.9 64.2 73.1 72.0 76.9 82.2 86.1 83.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8	RICHMOND	VA:	0	47.9	49.9	ے	5		57.9	۲.	ů	ŝ	ů	9	ς,	,	4 1	٠,	•
VA:         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         83.8	-SAN BE	CA:	9	37.2	38.1	-	ស្ន		36.9	9	2	Š	å	2	00	9 0	2 (	•	
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JT: NA NA NA * 59.2 NA NA NA * 66.4 NA NA NA * 82.5 T. 65.5 66.4 S. 59.8 S. 56.2 58.6 T2.6 T5.2 T1.0 T4.3 T5.8 S3.3 ST.6 S3.5 90.4 89.	SALINAV-VEAUIUE-B	۲ ۲	≪ .	₹ 2 (	* * * * * * * * * * * * * * * * * * *	v <	0 4		200		: 4	9 4	*	56	M	9 9 9	מו	4	4
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SEE FOOTNOTE AT END OF TABLE.

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

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HAZ	GA:	33 ° 7	32 ×	34.7	41.2	4 2 4	46.9	48.1	52.6	55.4	56.9		61.3	65.5	74.3	73.6	4.
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	IN	41.2	9	4	9	-	7.	9	œ	9°	•		D.		9	4	8
	MA:	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	78.6	82.6
SPRINGFIELD	IL:	46.5	51.7	-	9	ů,	4.	'n	ŝ	æ	-	~	4		œ	ů	-
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	 HO	50.5	58.9	49.6	56.6	44.5	63.7	6.69	63.6	74.1	62.5		1209	17.6	170	200	900
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	KS:	31.5	å	Š	å	J.	9	ŝ	ŝ	LO:	9		9	è.	e N	• •	٥
	 CN	63.9	-	9.	ы	0	-	0	ŝ	9	9	_	ů.	s.	6	4	٠,
	AZ:	53.6	54.8	48.6	48.4	45.8	6009	66.5	65.1	66.7	69.4	-44	70.1	76.3	78.6	82.	86.1
	YO	45.4	9	7.	ů	å	3	9	. 4	ŝ	9		· N	9	ູ້ ໃນ	9	ທີ່ ເ
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SEE FOOTNOTE AT END OF TABLE.

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

	i		4	LARGEST	FIRMS			8 LA	RGEST F	IRMS		i	1	20 LAF	RGEST F	IRMS	
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		52.7	47.5	41.9	45.4	40.5	60 ° 8	വ	54.4	58.0	56.4		73.2	71.8	70.4	74.2	74.3
		52.5	52.8	57.5	LC)	ů	•	65	w		77.1		72.0		-	N	(0)
WILKES BARRE-HAZL P		49.1	54.9	55.7	8	#	° N	61.	4				57.4		-	m	
	P.A.	AN	AN	Z Z	N A	73.7	A N	NA	N A	A N	82.8		ΝΑ	N A	ď Z	N A	90.2
		9.69	63.7	66.1	68.4	6 (Y)	65.2	7	76.5	79.3	2		71.0	79.4	81.7	85.3	9
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WINSTCN SALEM N		39.2	46.2	49.2	*	NA	50.4	ß	29.7	*	NA		59.5	67.3	73.3	ł	NA
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ER		42.5	39.6	27.0	50.6	ŝ	48.2	21	40.4	41.3			29.5	2 • 99	60.0	10.3	
A A		Z Z	Z.	ă	Z	4.	Z	Z	Z	ž			Z	ed i	Ž	Z	
	PA:	36.1	45°8	44.3	47.1	44.4	40.3	54.0	55.9	62.0	61.5		47.0	61.2	9.69	711.7	76.3
YOUNGSTOWN-WARREN C		44.0	50.1	1	M)	ů	6	56.	7.	9	-		2		9	-	
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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 OR THAT ONE HAS BEEN SPLIT TO FORM TWO OR MORE NEW SMSA, 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, AND 1972, SMSA\*S LISTED BY 1970 POPULATION 1/

		••	••		4 LA	GEST F	RMS			8 LA	GEST	RMS			20 LAF	RGEST FI	ı	1
KEEN-COME NY 99774 91.1 36-7 39-5 31.0 38-9 476 45-4 416 46-7 5-1 5-1 5-1 5-1 5-1 5-1 5-1 5-1 5-1 5-1	S S S S S S S S S S S S S S S S S S S		OPU- :	1954	1958	1963	1967 :	72	1954	1958	1963	1967	1972	1954	1958	1963	1967	197
11.000			0 0 0 0					OP UL	ATION	REATER	THAN 2	MILLI						
NY 9979 41.1 36.7 34.5 33.0 310.9 476 45.4 47.6 45.0 45.6 55.7 55.4 60.5 58.7 55.6 50.5 50.7 55.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.5 50.7 50.6 50.7 50.7 50.7 50.7 50.7 50.7 50.7 50.7			1,000		1		1	•		ERCEN	1	1	1		1			1
CA 70.02 26.6 24.6 24.6 24.6 25.5 35.6 40.6 59.3 53.7 67.4 66.4 59.0 52.7 65.5 65.0 71.1 11.1 6.979 47.7 51.9 51.9 51.9 51.9 51.6 54.1 56.9 53.1 67.1 67.4 67.0 67.4 66.4 59.0 52.7 65.5 65.0 71.1 11.1 6.0 10.1 6.2 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1			9.974	41.1	36.7			0.	7	ı,	-	io.	5	4 1		9	œ P	ů.
11, 6, 6, 19, 9, 17, 5, 19, 9, 19, 9, 19, 19, 19, 19, 19, 19,	ANGELES		7,032	29.6	24.6	•		S.	ė.	6	10	ů,	ů,	9			•	
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NY 2-553 NA NA NA NA NA 45-7 NA	MASHINGTON	MA	2,899	56.2	47.6	. 6	• • • ~	6	. 10	8 80			9	7		9	. 9	1.
NY: 25453 NA														:		414	42	c
HOI 2-0410 34-6 42-7 42-9 35-3 46-2 44-7 49-1 50-6 51-3 51-1 47-5 39-1 51-4 51-5 51-4 51-4 51-4 51-4 51-4 51	50		2,553	N N	NA	⋖	Χ	2	z	Z Z	Ž	N.	•	Ž (	₹ <	Ž,	E (	0 V N
THE STATE WAS NATURE WAS NATURED WAS NATIONALLY STATES OF STATES O	1		2.410	34.6	42.7	2	6	9.	4	6	•	-	3	6	9		7	• •
TY: 2.376 NA NA NA NA HA 46.6 NA	TITSBURGH		2.401	45.0	53.2	1.	5	6	0	0	9	4	6	ŝ	9:	ů:	0 2	٠,
HIS 2-071 47-9 49-9 53-9 55-0 57-0 57-0 50-2 55-4 61-3 64-5 57-7 57-6 66-8 66-8 66-8 67-6 7-5 7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3 7-3	ALLAS-FT WORTH		2,378	Z	N	N N	ž	9.9	Z	≪ Z	Ž.	g.	ů	ď,	2 0	Z r	2 6	• t c
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NUI 20055 52.8 47.9 40.2 42.5 44.2 60.1 56.4 51.5 51.6 51.0 50.1 51.0 50.1 51.7 56.9 60.0 56.0 51.0 64.9 64.0 50.1 52.2 54.7 56.9 57.0 51.6 64.9 57.1 70.8 61.0 57.0 51.0 61.0 64.9 7.2 7.2 89.4 10.4 10.7 11.1 10.0 8.8 57.2 54.7 56.9 7.7 7.8 6.9 7.7 7.8 6.9 7.2 7.8 7.8 61.9 7.2 7.1 7.2 89.4 10.4 10.7 11.1 10.0 8.8 7.2 59.4 10.4 9.9 7.7 7.8 6.9 7.2 7.8 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 8.9 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2	LEVELAND		2,064	51.1	53.0	• 9	æ		<b>-</b> (			00 1	ů.	•,	e Du	- L	າຕ	9 °
ED 18.872 94.6 94.6 94.6 94.6 94.0 51.6 54.8 57.2 59.7 61.9 57.0 61.6 64.9 67.1 70 8.8 57.2 59.7 61.9 57.0 61.6 64.9 68.6 71 61.1 70 61.6 64.9 68.6 71 61.1 10.0 8.8 57.2 59.7 61.9 57.0 61.6 64.9 68.6 71 61.1 10.0 8.8 57.2 59.7 61.9 57.0 61.6 64.9 68.6 71 61.1 10.0 8.8 57.2 59.4 10.4 9.9 7.7 7.8 6.9 7.2 88.6 71 7.2 10.9 5.5 51.2 51.2 51.2 51.2 51.2 51.2 51.2	IEWARK		2+055	52.8	47.9	•	Š	4	0	9	-	•	•	٥	ů	0	V	9
ED 1872 44.6 46.6 48.0 47.9 49.0 51.6 59.8 57.2 59.7 61.9 57.0 61.6 64.9 68.6 71  IATION: 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 7.2 8  S 15 13 13 13 13 13 13 13 13 13 13 13 13 13				1	P	4	4	1	ď		4	9	0	9	9	10	7.	•
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SEE FOOTNOTES AT END OF TABLE.

TAELE 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/

		•••		4	RGEST	IRMS		••	00	RGEST				O LA	RGE	IRMS	
A NEW	L A	ION	1954		. 1963	: 1967	: 1972	1954	: 1958	1963	: 1967	1972	1954	1958	1963	1967	: 1972
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	00:11	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			29.8	7	8	•	in Cu	9	9	5	å	N			8	-	4
			48.5	5	0.	9	å	9	4	4	9.	8			0	8	9.
TERSBU			51.1	0	2	5	6	0.	0	5	7.	8			1.		9
			28.4	ô	3	7.	å	-	•	ů	6	0			9	9	6
ANS			36.0	4	å	4	6	1.	'n	00	1:	-			7.		5
			54.9	9	e M	Š	6	8	-	6		_			7.	'n	4
PORTLAND			39.6	3	ů.	0	100	ů	8	æ	S.	M)			ထိ	ģ	4
		(1)		-	-				4	-	٥	4	σ	6	9	0	٩
MEAN TRIBUTED		1.324	9 4	• a	• c		• 6	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֓֡֓֓֡֓֡	P (		9 6	9 4					
STANDARD DEVIATION		277	10.4	10.0	10.1	10.3	10.0	10.2	000	6.6	10.3	9.6	8.6	8.7	8 9	9.3	8 .3
	••																
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NUMBER OF SMSA .S	• ••	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
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ROCHESTER	N	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
-WARWIC	RI		48.7			8	6	4	8	2	4	LC7	0		å		100
	TX:		50.0			9	5	5	5	-	1.	9	0		9.	å	8
LE	KY:		51.2		0	5	9	ů	8	S.	စီ	-	9.		:	6	å
	: HO		45.9		9	7.	0	9		÷	9	-	9		:	0	1:
	IN:		23.1		8	ů.	-	0		o i	9.	4	0		ŝ	6	
ACRAMENTO	CA:		45.1		9	· 0	å i	•	<b>:</b>	-		φ.	o N I		ů,	å	
ALBANY-SCHENECTAD	Ϋ́		39.3			4 1	ຕໍ່ເ	ů,		٠,	9 1	4 (	٠,			, 20 c	0 1
IRMINGHAM	 		A2.1		°.		•	•	ů	9	•	20	n		•	0	•
TOLEDO	OH:		47.8	8	9.	2	S,		62.6	7.	4	00	67.1	74.1	76.2	1.	9
NORFOLK-VIRGINIA	VA:		48.7	39.1	46.1	51.6	8	55.5	9	56.3	67.3	<b>-</b>	6	ů.		83.4	4
GREENSBORD-WINSTO	NC:		NA	NA	Z	7.	9	Σ¥	Z	N	4	S	Z	Ž	≪(	2	7.
HARTFORD	CT:	721	(0)	48.6	48.4	-	ô	56.2	60 ° 7	63.8	.0	4	64.7	68°6	72.6	S	6
LT LAKE CITY-0	UT:	705	NA NA	Ϋ́	Z	Z	9.	N N	z	Z A	ž	9	Ž,	¥.	Ž,	Z	å
NA SHVILLE -DAVIDSO	TN:	669		6	5	8	-	6	-	9	8	CU .	• •	40-1	2	6	
OKLAHOMA CITY	OK:	698	0	ô	ö	8	ູ້	2	9	9	ŝ	4	9		8		
RON	 HO	619	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	 ≻	637	39.5	ŝ	•	e M	6	Ę.	_	9	•	n n	6		'n	'n	ຕິ
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TAELE 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/

March   Marc		1970		4 LA	GEST F	RMS			8 LA	GEST	RMS			20 LA	RGEST F	IRMS	
1.000   2.3   2.9   2.	₫	OPU-	1954	1958	1963	1967	972	1954	1958	1963	1961	1972	195	1958	: 1963	1967	197
N. 653 38-9 34-4 29-3 33-9 35-8 43-7 43-4 47-8 52-3 57-4 53-0 59-0 69-0 68-2 77-1 75-1 75-1 75-1 75-1 75-1 75-1 75-1		1,000	E .						PERCE	İ	1			- 1	6	1	1
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March   Marc	HONOLULU HI:	629	29.7	37.8	4	8	5	9	<b>6</b> :	<u>ن</u> ئ	5	-	7 .	-13		s a	
Color   Colo	NORTHEAST PENNSYL PA:	622	W I	AN ,	Ž,	Š,	9	Z	Z U	2 4	۷ 2 د	N 4	۷ 2 0	× -	2 6	2 1	3 6
1	JACKSONVILLE FL:	622	52.0	1.29	<b>.</b>	•	٥	٠,	0		•	re	0 4	9 1	, d	סכ	3 -
1	ORT LAUDERDALE-H FL:	620	72.3	70.5	ů.	9 1 (X	,		0 0		• -1 0			• 4	• 4	) (r	4 4
1   584   494   544   72.5   354   494   695   65.5   65.6   65.6   65.6   65.6   65.6   65.6   65.6   65.5   65.6   65.5   65.6   65	JERSEY CITY NJ:	609	54.3	52.0	4	ů,		•	D 6	•	e o	-1 +		4 F 0	9 6	) M	
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1		584	Z Z	Y X	A N	ď Z	ກໍ	Z	4	Z Z	<b>4</b>	*	2	£	2	2	,
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Fig. 540 389 45.1   53.5   53.5   52.0   45.9   51.6   51.7   52.5   74.4   55.9   61.8   61.4   75.5   75.5   65.2   74.5   62.5   74.4   53.5   65.2   74.5   62.5   74.4   53.5   64.5   65.2   74.5   62.5   74.4   53.5   64.5   74.5   62.5   74.5   62.5   74.4   53.5   64.5   74.5   62.5   74.5   62.5   74.5   62.5   74.5   62.5   74.5   62.5   74.5   62.5   74.5   75.5   7		S.	2	40.4	9	4 1	٠,	•	٠,	ů,	0 0	•	e V 4	•			9 4
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NWEIGHTED : 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 7 70.4 72.8 7 70.4 72.8 7 70.4 72.8 7 70.4 72.8 7 70.4 10.5 8.4 8.4 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7	400			-	9	e co	00	6	ເນ	9.	•	° C	5	4	•	Š	9	9
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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/

POPULATION   1954   1956   1957   1957   1956   1957   1957   1958   1958   1955   1955   1957   1	TATION   1998   1998   1967   1972   1959   1958   1955   1957   1952   1954   1956   1957	1000U- 101000000000000000000000000000000	FIRMS	••	8 LARGEST	RMS			LAR	ST FI	S	1
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1000	1,000	1.000		ATI	OF 200,000	6466						
1.000	1.00	1,000				1						
A         296         44.6         94.6         68.7         47.4         52.6         55.2         55.2         65.2         65.3         60.3         57.6         68.2         68.4         70.1         70.2         77.7           11         290         41.5         43.2         26.4         26.1         52.6         55.2         62.6         70.5         50.4         50.1         70.7         77.7         77.2         70.2         70.5         70.5         70.1         77.6         77.6         77.6         70.2         66.9         70.1         77.2         77.6         70.2         66.9         70.1         70.1         77.6         70.2         70.2         66.9         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.6         70.7         70.1         70.1         70.6	A. 256         64.5         64.5         64.5         64.5         64.5         64.7         70.3         70.4         77.5           1.1         226         45.2         65.4         65.4         66.4         66.4         66.4         70.1         77.5         77.5           1.1         22.0         22.2         22.2         45.2         66.2         65.4         66.4         70.1         77.5 </td <td>296 46.9 44.8 48.0 17. 290 41.8 29.0 46.8 40.8 40.6 17. 290 23.0 47.6 53.0 47.6 53.0 47.6 53.0 47.8 42.0 54.0 17.2 285 42.9 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.0 51.8 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0</td> <td></td> <td></td> <td>RCENT</td> <td>1</td> <td>1</td> <td>i</td> <td></td> <td>1</td> <td>1</td> <td></td>	296 46.9 44.8 48.0 17. 290 41.8 29.0 46.8 40.8 40.6 17. 290 23.0 47.6 53.0 47.6 53.0 47.6 53.0 47.8 42.0 54.0 17.2 285 42.9 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 53.0 47.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.8 51.0 51.0 51.8 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0			RCENT	1	1	i		1	1	
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TAELE 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/

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NJ: 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 86.8 1L: 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 87.8 II. 171 38.5 51.2 52.9 43.0 51.9 50.0 63.2 64.9 62.0 68.3 62.2 77.4 77.1 81.0 87.1 170 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 77.8 73.1 87.0 53.7 44.2 40.3 37.7 44.2 39.9 46.9 51.9 51.2 53.1 59.3 68.0 70.8 71.8 73.1 73.0 75.2 77.0 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 90.0 175.2 77.0 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 90.0 175.2 77.0 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 90.0 175.2 77.0 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 90.0 175.2 77.0 175.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0	NJ: 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 8  IL: 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 8  IL: 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 8  II: 171 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 8  IX: 170 27.0 34.2 44.0 40.1 50.1 49.6 53.6 56.8 57.1 62.9 60.5 67.1 73.0 7  IX: 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 8  IX: 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 8	RRE HAUTE		175	60.5	609	. 2	•	9		7.			6			-	-	ď
IL: 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 87.8 41.1 171 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 87.8 41.1 171 38.5 51.2 52.9 43.0 51.9 50.1 49.6 53.6 56.8 57.1 62.9 60.5 67.1 73.0 77.4 77.1 81.0 87.8 75.2 77.4 77.1 81.0 87.8 75.2 77.4 77.1 81.0 87.8 77.1 62.9 60.5 67.1 77.0 77.1 77.0 77.0 77.0 77.0 77.0 7	IL: 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 8 WI: 171 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 8 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 7 77.1 8 ME: 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 8 ME: 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 8 ME: 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 8 ME: 170 67.8 75.6 76.6 8 ME: 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 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 75.6 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.6 8 ME: 170 67.8 76.2 76.2 76.2 76.2 76.2 76.2 76.2 76.2	LANTIC CITY	2	175	57.0	62.3	9	Ø	100	å	6		5	5	6		9	'n	ø
WI: 171 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 87.8 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 77.8 ME: 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 73.1 MA: 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 90.8 MA: 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 90.8 MA: 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 90.8 MA: 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 90.8 MA: 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 90.8 MA: 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 90.8 MA: 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 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 59.2 68.6 67.8 76.3 (D) 67.8 75.6 75.6 87.1 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 59.2 68.6 67.8 76.3 (D) 67.8 75.6 75.6 75.6 87.1 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 59.2 68.6 67.8 76.3 (D) 67.8 75.6 75.6 87.1 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 59.2 68.6 67.8 76.3 (D) 67.8 75.6 75.6 75.6 87.1 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 59.2 68.6 67.8 76.3 (D) 67.8 75.6 75.6 75.6 87.1 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 59.2 68.6 67.8 76.3 (D) 67.8 75.6 75.6 75.6 87.1 90.8 MA: 170 53.7 54.6 56.4 61.2 57.9 57.9 57.9 57.0 68.6 67.8 76.3 (D) 67.8 75.6 75.6 75.6 87.1 90.8 MA: 170 57.0 67.0 MA: 170 57.0 67.0 MA: 170 57.0 MA: 17	WI: 171 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 8  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 7  S.C. TX: 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 7  MA: 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 8  TES AT END OF TABLE.	RINGFIELD	IL:	171	46.5	51.7	-	6	5	4.	5	ŝ	8	1:	*		8	ů	-
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.  N-TEXAS C TX: 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.  ER MA: 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.  :	N-TEXAS C TX: 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 7  ER MA: 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 8  FOOTNOTES AT END OF TABLE.	CINE	HI:	171	38.5	51.2	2	M	4		9	4	å	6	å		7.	=	-
N-TEXAS C TX: 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. ER MA: 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. : 	N-TEXAS C TX: 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 7 ER	RTLAND	₩ 	170	43.1	41.2	4	0	•	9.	3	9	7	ŝ	ů		9	5	-
RIVER MA: 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	RIVER MA: 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 8 : SEE FOOTNOTES AT END OF TABLE.	N-TEXAS		170	27.0	34.2	ċ	~		6	9	1.	1:	3	9		0	1:	m
CONTINUED	SEE FOOTNOTES AT END OF TABLE.		MA:	170	53.7	24.6	9	<del>-</del>	2	6	8	-	9	0	7 •		9	7.	Ö
CONTINUED	SEE FOOTNOTES AT END OF TABLE.		••																
	AT END OF PARIE.	l	-	u	7.017													LONIT	ė

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

		1.970 :		LA	GEST F	1 25			8 LA	GEST F	RMS			20 LAR	GEST FI	RMS	
SHSA		OPU- :	! -	1958		196	1972	1954	: 1958 :	1963 :	1967:	1972 :	1954 :	1958:	1963	1967 :	1972
		1+000							PERCENT							l l	-
DAYTONA BEACH	F	169	Z A	Z	Z	≪€	5	400	Ž	Ž	×	-	2	- 2	2	×	86.7
SPRINGFIELD	MO	168	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	89.6
LINCOLN STELLBENVILLE-UFIB		168	7 6 4 8 N		• •	1.	٠,	• 4 • 2	, ,	0 M	• •	<b>u</b> -	2	$\sim$	າ ⊷	• •	76.3
CHAMPAIGN-URBANA-		163	58.2				9	. 9		2	-	80.7	~	-	7	6	10
CEDAR RAPIDS	IA:	163	45.1		9	0	10		υ •	8	.9		61.9	24	_	ě	9
NEW BEDFORD	MA:	161	38.4		•	+	0	4	6	60		6	9	6	4	÷	P-
ASHVILLE	Ž V	161	(0)	7.		7.	o C	Š	197			2			79.3	5	80
FORT SMITH	AR	9	39.1	48.3	34.6	43.00	9.	56.4	65.6	-	55.5	9.	ß	0	3	66.1	ີຄ
BILOXI-GULFPORT	MS	160	NA	MA	N	•	-	ž	N A	AN		0	ΝA		NA	1.	ů
KILLEEN-TEMPLE	TX:	160	AN	X	NA	N A	40.1	NA	A N	Z A	¥ Z	56.8	Ž	×	Ž	Z A	75.8
GREEN BAY	:IA	158	45.2	50.1	56.5	57.6	2	59.0	67.5	68.0	68•3	.9	72.3		84.3	86.7	ŝ
~	MA:	150		;	9.	5	80	ις 0	cv.	•		-	6	ė	9	-	1.
MFAN. UFIGHTED	•• ••	ŝ	- 6	0	-	4	4	9	10	4	7	8	7		-	1.	
MEAN. UNWEIGHTED	••	171	S	52.8	51.6	54.5	54.9	26.7	64.2	64.4	68.0	9.89	68.2	75.7	77.8	81.5	83.3
STANDARD DEVIATION	ION:	10	80 80									0					
	••••								NUMBER								
	** (							6	C	c	400	30	0.0	2.2	20	20	a c
NUMBER OF SHISATS	• • •	62	44	77	77	n V	۲,	Ŋ			3						
	••								L		0						
	•••							PULA I LUI	DOT LON	9	26262						
	• • •																
	•••	1,000	1	1 1	1	•		1	PERCENT	1 1	1 1	1 1	1	1		1	-
DARKERSRIBG MARTE	2	4.8	A N	N N	N N	AN	S.	N.	2	N N	2	Š	N N	NA	-	NA	8
#ACO		148	42.4		8	00	-	4	9.	6	.0	8	7.	6	0	~	9
LAKE CHARLES	LA:	4	33.4	6.44	41.7	50.8	45.0	42.7	56.7	56.8	9:29	62.2	55.9	69.4	71.2	78.7	78.2
NEW BRITAIN	CT	4	51.8	8 4	6			,	0 2	- =	0 4	۰۰		. 2	• 2	n z	. 4
YAKIMA	× >	140	A C	ec .	2 c	۷ ر 2 د	. 0	2 0	2 6	2 0	2 4	: :	E 107	4	2 4	: 0	4
IACKSON	W L	r 4	46.8		, ,		J M	53.6	65.2	65.1	74.5	8	64.1	76.2	77.8	85.3	00
BROWNSVILLE-HARLI	X	140	30.7	33.0	39.3	47.1	4	41.3	00	100	8.	10	8	•9		~	
							ì	۰	P	Pr			- 1		-	-	ď
ANDERSON OBOXO=ORFM	Z :	138	38.6	200	42.04	77.00		ים פיים מיים	2000	62.7		• e	70.8	73.3	82.8	87.5	
	P &	מו כ	65.9		• •	, ,		9		9	9				3	5	9
ST CLOUD	N N	m	NA	×	×	Ž	°,	NA	Ä	Ž	Z	8	A N	est	Ϋ́	Z	-
	V A :	133	00 6	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
WATERLOO-CEDAR FA		133	42.6			e .	0 M	<u>.</u>	6 4	° -	• :	; ;			0 M		9 60
AT EXANDRIA	Z 4	ว เก	• <	0 44	o Z	. Z	9 4	ž	Ž	Z X	Z	2	Z	407	Z	Z	8
		)   															

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

1,100		3	•••	1970 :		4 LAR	RGEST FI	IRMS	••		8 LAR	GEST FI	RMS			20 LAR	SEST F	IRMS	
1,000		a n		ATION	1954	1958	1963	1961	972	1954	1958	1963	1961	1972	1954	1958	196	96	97
1,000	-																		
State			•• ••	1,000		1		E	1	1	K CE	•	1	•	1	t F	1	1	t 1
1.   1.   1.   1.   1.   1.   1.   1.	4	AANSF IELD	 H	130	NA	AN	-	54.6	50.8	NA	Z X	NA	70.7	73.9	NA	N A	Ž	7.	91.7
CCLONI VI. 129    NA		JICHITA FALLS	TX:	130	52.5	52.8	7.	55.4	65.8	60.1	65.1	8	70.6	77.1	72.0	80.0	1.	ŝ	0
E-SPI AR 129 NA NA NA NA SEA NA	_	HUNCIE		129	39.4	60.4	4.	61.0	68.2	55.4	71.5	2	77.1	84.3	75.4	85.1	ŝ		94.6
FESTEL AT 128 NA NA NA NA NA NA NA NA NA NA NA NA NA	-	PETERSBURG-COLONI		129	NA	N.	NA	N A	50.5	Y Z	N N	Z	Z Z	68.0	۷ Z	Y Z	Z Z	Z Z	83.0
CT   125   NA	-	-AYETTEVILLE-SPRI		128	NA	NA	N.A	NA	45.2	NA	Z	Ž.	NA	0	Z	2	Ž	Ž	79.4
The color of the	_	NORWALK	CT:	128	NA	NA	2	59.4	56.9	NA	N N	-	79.B	78.6	N N	4 2	•	0	88
California   125   Na	_	DECATUR	11:	125	54.2	4	3	63.3	73.6	9.19	74.6	ខ្ល	76.5	87.7	19.0	85.6	-	0	96.8
California   Cal	-2	INCHORAGE	AK:	125	NA	NA	NA	Z A	70.3	Z	Z A	V V	N A	84.4	Z	Z Z	N N	××	95.3
LUVILL NA;   122   44.0   54.3   54.4   52.2   48.1   52.9   65.5   68.4   66.2   69.8   68.0   79.3   63.7   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84.2   84.8   84	.,	SANTA CRUZ	CA:	124	NA	NA	N A	Z Z	49.5	K'A	₹ Z	¥.	N N	61.7	۷ 2	Z Z	N	₹	82.5
The color of the			••					i			- 1						1		
LUVILL   NJ	-	4BILENE		122	44.0	54.3	0	52.2	48.1	52.9	<b>ID</b> 3	8	2 9 9 9	8.69	68 °U	6.67	83.		300
END 122 NA NA NA NA NA NA NA NA NA NA NA NA NA	-	/INELAND-MILLVILL		121	NA.	Y .	۷ 2 :	64.1	62.9	NA .	¥ 2 5	Z C	75.6	0 9	Y N	Z 0	2 0	ė.,	90
ELD FILE 120 NA NA NA NA NA NA NA NA NA NA NA NA NA	-	ZENO.	 N	121	48.2	4.4	ດໍ	76.1	59.7	63.2	72.5	6.67	W	60.0	o	200	72.0	0 2	74.0
EXT. COL. 118 50-13 44-1 49-3 49-4 59-4 59-4 59-4 69-4 75-17-6 6-9 76-8 75-17-6 73-8 70-18 82-6 70-8 70-8 70-8 70-8 70-8 70-8 70-8 70-8	er 1	SAKASOTA		120	A C	ž,	4 Z (	2 4	7302	Z 2	2 6	2 u	4 2 4	1 2 2 2 2	4 2 U	7 4 4	70.07	4	0 0 0
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THE THE NAME OF THE TRANSPORT OF THE TRA	- 3	TENORE		110	1 P C	0 4	9 4	46.5	7 C	740	٥α	9 4	67.0	73.7	64.0	73.8	70.1		85.0
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SEE FOOTNOTES AT END OF TABLE.

TAELE 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/

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SEE FOOTNOTES AT END OF TABLE.

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/

HSA*S 2/  CENT		: 1970 :		4 LAR	GEST FI	RMS	••		8 LAR	EST FI	S			20 LAR	GEST F	IRMS	
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TION NA 4.7 6.0 7.5 6.9 NA 5.9 6.0 7.3 6.4 NA 7.3 6.5 6.7 7.1 NA NUMBER  1.000	AN UNUFIGHTED	NA	47.3	50.4	2	10	NA	S.	0	ŝ	3	Y.	3	9.	ŝ		Z
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ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  ALL SMSA°S  AND A4.3 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 75.9 10.0 10.0 50.9 52.4 54.4 59.9 62.0 64.8 67.3 64.6 71.0 74.2 77.7 80.0 10.0 10.0 10.0 9.2 77.7 80.0 9.2 10.0 9.8 10.9 8.9 9.4 10.0 10.6 9.3 8.8 9.0 9.2 9.2 9.3 10.0 9.8 10.9 8.9 9.4 10.0 10.6 9.3 8.8 9.0 9.2 9.2 9.3 10.0 9.8 10.9 8.9 26.3 212 215 218 229 25 25 25 25 25 25 25 25 25 25 25 25 25		••					Ī				•	c	:		1.0	7	-
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IGHTED : 1,037 45.4 49.5 50.0 50.7 57.7 57.7 57.7 57.7 57.7 56.2 9.3 8.8 9.0 9.2 9.  DEVIATION: 562 9.2 9.3 10.0 9.8 10.9 8.9 8.9 9.4 10.0 10.6 9.3 8.8 9.0 9.2 9.  SMSA·S : 263 208 214 218 229 263 212 215 218 229 247 212 215 218 229 25 25 25 25 00TINUED-	EAN, WEIGHTED			46.4	9		6.6	0,4	ហំព	200	0 4	33	9.4		- 4		.00
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	SEE FOOTWOTES		TABLE													CONTIN	10Ep=

TAELE 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/

9			4 LA	GEST F	RMS			8 LA	GEST F	RMS			20 LA	GEST F	RMS	
<b>≪</b>	LATION	1954	1958		1967	: 1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	: 1972
												j				l I
						P0P	POPULATION	0F 1	MILLION	OR MORE						
	1,000	1					- I - I - I	PERCENT	 	1 1	1 1 1	1	1	1	1	î Ş
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								NUMBER	o∠							
NUMBER OF SMSA S	ы ф	32	32	32	32	3.4	32	32	32	32	io io	32	32	32	32	34
						Po	PULATIO	N OF 30	66-000-0	666*66						
	1,000	1	- I I I	:	1			PERCEN			1	1				
MEAN, WEIGHTED : MEAN, UNWEIGHTED : STANDARD DEVIATION:	: 520 : 520	46°2 9°3 9°8	4.0°C	48.3 48.6 10.0	48.6 48.8 9.8	49°5 48°9 10°3	53.9 9.3	58°5 59°0 4°4	59.6 60.1 9.3	62.2 62.7 9.8	63.7 63.8 9.8	63.0	68.3 69.1 8.0	70.6 71.3 7.5	74.6 75.2 8.2	77 • 1 77 • 5 8 • 2
	•• •• •							NUMBER	œ							
NUMBER OF SMSA*S	92	19	68	69	71	76	69	69	69	7.1	74	69	69	69	71	75
						PO	ULATIO	N OF 15	+000-	(D)						
	1,000	1	l l		:		 	PERCENT	8 9	8	1		1		1	1
MEAN, WEIGHTED MEAN, UNWEIGHTED STANDARD DEVIATION:	(N) 219	4 4 8 8 8 8 8 8	4 6 4 6 6 6 6 6 6 6 6 7	49.7 50.3	51.1 51.8 9.9	52.4 52.5 11.2	53.5 54.1 8.0	60.3 61.1 8.3	62°3 63°1 8°9	6.53 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	66.8 66.8 10.9	64.3 65.3 7.8	72.0 73.0 7.2	75.9 76.6 7.3	78.9 79.3 7.8	81.1 81.3 8.0
								NUMBER	~							
NUMBER OF SMSA S	376	52	59	61	99	76	57	59	61	99	7.0	57	59	61	99	75
SEE FOOTWOTES AT	END OF	TABLE.													CONTINUE	UED

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/

1970 : 4 L	1970		4 LA!	ARGEST FIRMS :	RMS			8 LARGEST FIRMS	B LARGEST FIRMS	RMS	 		20 LARGEST FIRMS	20 LARGEST FIRMS	RMS	
A CO	:LATION: 1954 : 1958	1954		1963	1967	1972	1954	: 1963 : 1967 : 1972 : 1954 : 1958 : 1963 : 1967 : 1972 : 1954 : 1958 : 1967 : 1972	1963 :	1967	1972	1954	1958	1963	1967	1972
						P 0 P	ULATION	POPULATION LESS THAN 150,000	HAN 150	• 000						
	•••					l			1							
	1,000	1	1		1	1	1	PERCENT	i i	1 1 1	1	1 1	1		1	
MEAN, WEIGHTED	(N)	46.1	49.7	52.6	54.4	55.9	57.1	62.7		70.4	72.5	70.3	77.2	81.1	84.8	87.1
MEAN, UNWEIGHTED	: 110	45.9	49.6	52.5	54.2	56.3	56.9	62.6	66.3	70.2	73.1	70.5	77.1	81.1	84.8	87.6
STANDARD DEVIATION:	1: 23	9.2	9.1	10.4	8 • 6	10.4	9.2	7.5		8.2	9.5	10.2	7 • 3	8 • 0	7.0	7.2
								NUMBER								
NUMBER OF SMSA*S	77	43	45	46	53	11	43	45	46	S S	7.0	4 3	45	46	53	73
									***************************************					1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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 DISCLCSURE 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

		:	1970	SMSA I	opula	tion (	thousa	nds)	
Four-firm concentration ratio (percent)	: All : SMSA's :	2,000 and	1,000 to 1,999	to	300 to 499	200 to 299	: : 150 : to : 199	100 to 149	: :Under : 100
	:		N	lumber	of SM	SA's			
90.0 - 100.0 80.0 - 89.9 70.0 - 79.9 60.0 - 69.9 50.0 - 59.9	: 0 : 2 : 14 : 48 : 82	0 0 1 0 4	0 1 0 2 7	0 0 0 3 12	0 0 0 9 9	0 0 3 7 15	0 1 1 7 11	0 0 7 13 12	0 0 2 7 12
40.0 - 49.9 30.0 - 39.9 20.0 - 29.9 Under 20.0 Total	: 93 : 19 : 5 : 0 : 263	8 2 0 0 15	7 2 0 0 19	15 4 1 0 35	16 5 2 0 41	17 3 2 0 47	7 2 0 0 29	17 0 0 50	6 0 0 0 27
Greater than or equal to:	Per	centage	of all	L SMSA	's in	the po	pulati	on gro	oup
60.0 50.0 40.0	: 24 : 56 : 91	7 33 87	16 52 89	9 43 85	22 44 83	27 68 86	31 69 93	40 64 98	33 78 100
p 0	i	Four-f	irm cor	ncentr	ation	ratio	(perce	nt)	
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/

		•	1970	SMSA	popula	tion (	thousa	nds)	
Four-firm concentration ratio (percent)	A11 SMSA's	and	1,000 to 1,999	to	: 300 : to : 499	. to	150 to 199	: 100 : to : 149	: :Under : 100
	•			Number	of SM	SA's			
90.0 - 100.0 80.0 - 89.9 70.0 - 79.9 60.0 - 69.9	18 37 59	0 1 1 5	1 2 4 5	0 2 8 9	1 7 8 8	1 5 13 12	1 6 7 12	7 11 12 7	7 3 6 6
50.0 - 59.9 40.0 - 49.9 30.0 - 39.9 Total	39 14 5 236	5 1 1 14	5 2 0 19	8 3 1 31	10 4 2 40	4 2 1 38	0 1 0 27	5 1 0 43	2 0 0 24
Not available $2/$	27	1	0	4	1	9	2	7	3
	•	Four-f	irm co	ncentr	ation	ratio	(perce	nt)	
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

<sup>1/</sup> 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.

Sources: Tables 13 and 25.

<sup>2</sup>/ 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.

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/

SMS	: 1970 : POPU	1970 :- POPU-:-		4	RGEST F	IRMS			LA	ST F	RMS		! ! ! !	20 LA	EST	IRMS	
	:LAT	:LATION: 19	54	see I	1963	1967	972	1954	i	1963	1961	1972	1954	i	96	: 1967	1972
	•••											 	; ; ; ; ; ;		1	! !	
	• • • •					SMS	LIA	HIGHE	4-FI	Σ	ONCENTRATION	N I N 1	972				
						1 † 1 1	1 1 1 1	1		i	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	: 1,000	000	1	1	1	1	1 1	1	1 PER	CENT -	1	1	1	1 1	1	1	1
CEDAR RAPIDS			45.1	55.9	ь,	0		7	L)	œ	9	0.06	7	α 6	- 1	0 K	
DENVER-BOULDER	CO: 192	1,237	67.1	6.99	70.4	5.99	80.5	72.9	72.3	75.7	74.9	88.3	47.9	77.9	81.0	84.0	91.9
MEL BOUGHT TITUES			67.2	62.3	0	CU.	g,	3	S	• 0	. 4	87.2	5	86.7	4	97.4	
POCHESTED		3 6 6	Z 2	A N	Z Z	4 ·	gr i	<b>⋖</b>	₹	NA	Z	89.4	NA	NA	Ϋ́	NA	
20 CEC 2 EX			4 Y	4 2 (	۷ ۲ ا	Z (	vo ·	2	z	ž	Z	91.3	NA	ΝΑ	AN	NA	
FOUND TARGET	762 200		9.00	7.60	67.3	70.3	vo i	64.2	70.2	78.9	82 • 5	86.1	69 69	77.5	83.7	86.9	
			4 ×		e Z 1	2 1	9 1	Z I	Z	Z Z	4	82.8	NA	AN	NA	AN	- 4
0 C C C C C C C C C C C C C C C C C C C			7 * 10	0 **	500	63.63	n ı	67.6	74.6	75.5	76.5	87.7	19.0	85.6	87.7	90.1	
# - 20 # 4 # 5 # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6 # 6		3 0	<b>4</b> 2	Z Z	۷ - 2 :	۷ . 2 :	M I	Z :	Z Z	Z Z	۷ ۷	84.7	N	AN	AN	AN	-
7		222	A	ď Z	Z	Z A	2	Z V	N A	Z	N N	84.9	Z Z	ΑN	NA	Z	
	NC: 1	161	(0)	61.9	64.1	~	° CI	62.7	73.8	70.8		82.3	70.4	79.9	79.3	Ľ	a
WEST LA			NA		۸	9	ė N	Z	NA	NA	- 0	(D)	4	40	40	9	) α
	MA: 2		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
ASSEE			N N		Z Z	m	•	Z	Z Z	AN		82.4	4	A N	40	9	C
YOEBLC ANOUGHAN			50.1	53.4	62.0	0	å	60.1	66.4	75.1		9	74.1	82.0	86.0	0.	ഗ
-			A 0	4 Z	Z I	2	0	Z A	2	ν V	Z Z	4	⋖	AN	41	AM	ഗ
TOKI LAUDEKUALE-H			72.5	70.5	ភូមិ ភូមិ ភូមិ	68.5	0	78.8	78.7	19.1		)	4.	7.	8	9	┰
DES MOTHES			300	T • O • V	• N 1	4		ů.	£0 4	71.9	77.2	81.9	71.5	75.1	81.7	86.4	6
OF STATES			0000	† † † † †	ိ ဂ ၊	* *		4.	_	49.3		-	9	9	1.	ů	9
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MEAN, WEIGHTED 2/	_	N)	56.5	•	4 •	9	υ •	4	6		- 6	ur.	- 4	4	le,	,	
MEAN, UNWEIGHTED	M	24	53.7	58.0	60.6		73.6		68.7			9 4					
STANDARD DEVIATI	9	38	11.2		•	8		9.4		8.9	9	3.0	8 0	0 . 9	r io	0 0 0 0 0	) M
	•••															•	)
									N O N	BER							
NUMBER OF SMSA*S		20	11	12	12	14	2.0	12	12	12	14	18	12	12	12	14	00
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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

4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	: 1976 :	1	4 LA	RGEST FI	RAS		1	LAR	EST FI	S			20 LAR	GEST	RMS	
SMSA	POPU- LATION	1	958	: 1963 :		1972 :	1954:	581	m	1967 :	1 0	954	58	1963	7	1972
	: ! ! ! !	i i i i i	! ! ! ! !								 					
					20 SMS	TIM S WIT	H LOWES	T 4-FIR	M CONCE	ATI	ON IN 19	972				
	1,000	1	1	1 1 1	1	1 1	1	- PER	CENT -	1	1 1	1	t t	1	1	6
		28 . 8	35.6	35.2	33.7	9	45.4	51.7	50.9	53.7	8	58.5	66 • 2	64.8	72.0	1.0
PPLETON-OSHKOSH	WI: 277	NA	A N	2	Z d	26.6	Z	NA	Z	A A	41.4	N A A	<b>5</b> -	2 6	4 4 A	57.5
7		22.7	27.5	20 x 20 a	24° b	- 6	44.1	53.6	46.6	44.9	• -	53.0	62.9	58.5	60.2	- 60
NON-INGION-PURICAN W		  	- 4	9 6	3 M	. 6	. 0	1	(M)		ů	9	9	9	10	5
	6	41.1		: 0 : -2P	100	0	7	LC.	7.	5	ນ	4		9	ထ၊	9
WARREN		44.6			ь.	8	9	9	7.	9	9	LC)	e M	9 1	~ 1	e n
	GA: 239	36.4		2	4	å	å	0	-	ا ش	ġ,	9	ů,	٠,	N	υ «
		42.2		7.	ů	å	ဆီ	-	0	-	i.	g,	e G	9 1	<b>9</b> 1	1 P
MANCHESTER		41.6		M	7	Ю.		4	÷	0	ດໍ	-	.0	ຕິ	n	ô
201			ď	6	100	M	8	947	å	8	53.9	6		9	4	0
NO LATER	200		25.4	26.1	28.3	4	34.8	37.9	38.2	43°3	$\overline{}$	50.4	26.9	59.5	65.3	•
-PORT ART			•	1	60	্ব	4 .	VD.	8	9	9	9		9	÷	4
	-		107	ິດ	· N	4	Š	_	ŝ	8	4	9	-	9	ŝ	8
	1		4		8	ഥ	ů.	LD.	ь В	9	3	3		0	7.	1.
KINGSPORT-BRISTOL T			A	AZ	A	ம	A	_	Ä	Z	D.	Z	~	ž	ž	
			2	å	0	רט	9	w	å	S.	M	4		ŝ	9	9
AST			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
			٠ دع	0	8	រហ	ŝ	w	9	9	4	9		00	ů	20 I
STO	NC: 723	NA	NA	⋖	7 •	-O	X X	ΑN	ΑN	4 •	N	Z Z	∢ Z	A A	ñ	•
MEAN HETCHTED 24		36.	100	14.2	٥	M	4	4	9						62.5	64.1
MEAN WELDING E.		, M.	37.5			32.6	44.6	48 • 1	48.1	9	48.1	55.9	₽	63.4	9	-
STANDARD DEVIATION	N: 2,480	9	7.2	6.9	6 • 3	3.2									•	
	•• ••							NUM	BER							
1		• 1	,	1	10	00	17	17	17	18	19	17	17	17	18	20
NUMBER OF SESA'S	2		1				1		1					1		
							1	8 2 1 1								

1/ (D) DENOTES THAT DATA WERE SUPRESSED 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, 1961, 1963, 1967, and 1972  $\underline{1}/$ 

	1970		Four	largest	firms			Eight 1	Eight largest	firms			Twenty	Twenty largest	firms	
Region and division	popu- lation	1954	1958	1963	1961	1972	1954	1958	1963	1961	1972	1954	1958	1963	1967	1972
Northeast:	•• ••															
New England								Number	H							
SMSA's	. 56	38	43	45	94	26	41	43	45	94	52	41	43	45	94	99
	1,000	1	1		1	1	1 1	Pr       	Percent	1	1	1	1	1	1	
Mean, weighted Mean, unweighted Standard deviation	. NA . 348 . 549	50.5 46.8 6.7	47.8 47.8 8.3	48.1 48.3 10.3	49.4 51.3 9.1	49.9 52.3 9.7	58.5 56.5 6.1	59.4 60.7 7.6	62.0 64.0 8.9	63.8 67.5 8.8	66.1 70.1 9.5	65.7 66.3 6.6	68.3 72.1 6.8	71.9 76.9 7.1	75.2 81.1 6.9	78.8 84.8 7.4
Middle Atlantic	•• ••							Number	Ħ							)
SMSA's	30	21	22	22	23	30	22	22	22	23	29	22	22	22	23	30
	1,000	1		1 1	1		1		Percent	1	1 1	1	1 1	1	1	,
Mean, weighted Mean, unweighted Standard deviation	. NA . 1,085 . 1,920	47.7 50.5 8.9	47.7 52.8 8.1	44.8 49.6 7.4	43.6 49.3 8.1	43.4 49.0 10.1	53.6 56.7 7.4	55.0 60.7 6.5	54.9 60.1 6.9	55.1 62.1 8.0	57.7 63.8 9.8	59.3 62.8 6.7	62.2 68.1 5.8	63.4 69.3 6.1	66.2 73.1 7.2	69.3 77.2 9.5
Total Northeast								Number	H							
SMSA's	: 56	38	43	45	94	56	41	43	45	94	52	41	43	45	94	99
	1,000	1	1				1	1 1 1	Percent	I I I	1		1	1 1	1	
Mean, weighted Mean, unweighted Standard deviation	NA 743 1,500	48.3 48.9 8.2	47.7 50.4 8.5	45.6 49.0 9.0	44.9 50.3 8.7	44.9 50.5 10.0	54.7 56.6 6.8	56.0 60.7 7.0	56.6 62.1 8.2	57.0 64.8 8.8	59.5 66.6 10.2	60.7 64.4 6.9	63.5 70.1 6.6	65.4 73.2 7.6	68.2 77.1 8.1	71.4 80.8 9.4

Continued--

Table 17--Average four-, eight-, and twenty-firm concentration ratios, by geographic region, and division,  $SMSA^{\dagger}s$ , 19b1 1954, 1958, 1967, and 1972 1/--Continued

	1970		Four 1	largest	firms		46.	Eight 1	largest	firms	••		Twenty	largest	firms	
Region and division	popu- lation	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
North Central:	** **															
East North Central	•• ••							Number	Ħ							
SMSA's	: 48	14	42	42	45	48	41	42	42	45	44	41	42	42	45	48
	: 1,000	i	l l	1 1 1	1	1	l 	P	Percent	1	l L	 	t 1 1	 	1	1
Mean, weighted Mean, unweighted Standard deviation	: NA : 624 : 1,162	45.0 44.8 7.0	50.5 50.6 7.5	50.5 49.7 8.4	50.6 51.3 9.4	52.2 52.7 10.6	52.6 53.5 7.0	58.9 61.1 7.5	60.1 61.6 7.3	63.8 65.9 9.8	65.7 67.7 9.6	58.6 63.3 7.5	65.8 71.8 8.1	67.9 73.7 7.9	72.6 79.3 9.2	75.7 81.9 8.3
West North Central	•• ••							Number	H							
SMSA's	: 21	18	18	18	18	21	18	18	18	18	21	18	18	18	18	20
	: 1,000	i I	1 1 1	- 1		1		- I	Percent		- i - i	1 1	1 1 1	l 	1	1
Mean, weighted Mean, unweighted Standard deviation	: NA : 436 : 627	39.0 42.7 8.8	44.1 46.4 7.7	44.9 48.9 10.7	45.3 52.0 11.1	50.3 56.2 13.5	47.3 52.6 9.1	52.3 57.8 8.8	54.6 61.5 10.3	57.2 66.0 11.0	61.3 70.8 12.6	55.6 63.8 10.1	61.8 71.1 9.9	65.8 76.3 10.4	69.1 80.1 10.3	72.8 84.7 10.7
Total North Central								Number	ir							
SMSA's	69 :	59	09	09	63	69	59	09	09	63	65	59	09	09	63	99
	: 1,000	1	1 1	1	1 1 = 1	1	1	1	Percent	1 1 1	l L	1	 	1	 	l i
Mean, weighted Mean, unweighted Standard deviation	NA 567 1,032	43.6 44.2 7.6	49.0 49.3 7.8	49.2 49.5 9.1	49.4 51.5 9.9	51.8 53.7 11.6	51.3 53.2 7.7	57.3 60.1 8.1	58.8 61.6 8.3	62.3 65.9 10.2	64.6 68.7 10.8	57.9 63.4 8.4	64.9 71.6 8.7	67.4 74.4 8.8	71.8 79.5 9.5	75.1 82.7 9.2
	••															

See footnote at end of table.

Continued--

Table 17—Average four-, eight-, and twenty-firm concentration ratios, by geographic region, and division,  $SMSA^1s$ , 1967, and 1972 1/--Continued

	1970		Four 1	argest	firms	** **		Eight 1	largest	firms			Twenty	largest	firms	
Region and division	popu- lation	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
Southern:	  •• •• •					f										
South Atlantic								Number	H							
SMSA's	: 43	27	29	29	33	43	28	29	29	33	42	28	29	29	33	43
	: 1,000	1	1	; ; ;	1 1		1	۵, ا ا	ercent	1 1 1	1 1 1	1	= 1 =		1	1
Mean, weighted Mean, unweighted Standard deviation	. NA : 470 : 554	51.8 49.7 10.2	55.7 53.7 10.0	57.7 54.1 9.9	58.2 53.8 10.7	58.7 54.6 12.4	59.9 58.8 8.9	64.8 63.4 9.1	69.1 65.6 9.4	70.7 67.0 10.4	71.5 68.8 10.8	67.1 67.7 7.9	72.6 72.7 7.4	77.1 75.8 7.4	79.3 78.4 8.1	81.2 81.4 7.8
East South Central								Number	T.							
SMSA's	. 17	13	13	13	14	17	13	13	13	1.4	16	13	13	13	14	17
	1,000	1	= 1 1 1	] 	1	1 1 1	L   L   L   L   L   L   L   L   L   L	д 1 1	ercent	 	1	 	1 1	 	l 	į
Mean, weighted Mean, unweighted Standard devlation	. NA : 363 : 258	42.3 42.2 8.5	48.2 47.8 9.4	48.2 48.5 9.6	49.6 50.7 7.9	48.8 49.7 7.6	49.8 50.6 8.4	56.7 57.7 7.9	57.7 58.8 7.3	59.5 62.4 7.2	59.7 62.7 7.6	58.0 59.8 7.9	65.5 67.8 7.3	67.7 69.6 6.2	69.6 73.4 7.2	70.3 74.4 7.3
West South Central	,							Number	H							
SMSA's	38	31	30	31	33	38	31	31	31	33	36	31	31	31	33	33
	1,000	l I	1 1 1		1 1	1 1 1	1 1	1 1 1	ercent		1	 	1	1 1 1	1 1 1	L
Mean, weighted Mean, unweighted Standard deviation	NA 340 490	42.7 44.5 9.4	45.1 49.0 8.5	47.3 50.2 8.1	46.2 49.9 7.4	47.4 50.9 9.5	50.5 54.2 9.6	54.6 59.8 8.2	56.3 61.2 8.5	56.8 62.7 8.8	60.5 65.1 10.3	60.6 66.6 10.9	65.7 73.0 9.1	67.5 75.1 9.6	69.3 76.8 9.4	72.5 78.1 9.6
Total Southern								Numbe	er							
SMSA's	86	71	72	73	80	86	72	73	73	80	96	72	73	73	80	93
	1,000	1	1	1 1 1	1	 	1	Д	ercent	1 1 1	1 1 1	 	1 1	1 1 1	[ [	ŧ 1
Mean, weighted Mean, unweighted Standard deviation	: NA : 401 : 493	47.2 46.1 10.0	51.1 50.7 9.6	53.0 51.4 9.4	53.2 51.6 9.2	53.5 52.3 10.8	55.2 55.3 9.6	60.2 60.8 8.8	63.3 62.5 9.1	64.7 64.4 9.5	66.1 66.4 10.4	63.4 65.8 9.7	69.2 72.0 8.4	72.6	74.7 76.9 8.7	76.7 78.9 8.8
	٠															

Continued--

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

	1970		Four 1	largest	firms	•••		Eight 1	largest	firms	••		Twenty	largest	firms	
Region and division	popu- lation	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
Western:																
Mountain								Number	н							
SMSA's	: 13	12	12	12	12	13	12	12	12	12	11	12	12	12	12	13
	1,000	1	1	1 1 1	L   L   L   L   L   L   L   L   L   L	1 1 1	1 1	д -	Percent	1 1 1	1 1 1	1 1 1	1 1	1 1	1 1 1	1
Mean, weighted Mean, unweighted Standard deviation	: NA : 367 : 357	54.8 50.4 6.5	56.2 53.3 9.0	60.0	56.5 58.8 10.8	61.8 60.8 9.3	63.4 61.6 6.1	66.9 66.4 7.8	71.8 73.3 7.6	72.8 75.6 8.2	78.3 79.1 7.1	73.8 75.9 6.6	78.0 80.5 5.7	83.0 86.2 5.6	86.8 89.4 4.3	89.4 91.2 3.9
Pacific								Number	H							
SMSA's	27	17	17	18	21	27	17	17	18	21	25	17	17	18	21	27
	: 1,000	1	1	1 1 1	1	 	1	- I	Percent	1 1 1	1	1 1 1	1 1	 	1 1 1	1
Mean, weighted Mean, unweighted Standard deviation	. NA : 857 : 1,372	31.8 34.4 7.1	31.8 37.9 8.4	35.5 40.2 10.3	37.4 42.6 8.9	44.6 48.6 8.7	41.1 44.1 8.3	43.0 48.1 8.7	47.9 52.8 10.3	52.8 57.4 9.1	60.1 63.1 8.7	52.3 56.2 8.6	55.8 61.1 8.8	62.7 67.4 9.2	69.4 72.5 8.0	75.4 78.7 8.0
Total Western								Number	Ħ							
SMSA's	. 40	29	29	30	33	40	29	29	30	33	36	29	29	30	33	40
	: 1,000	1		1 1	1	1	1 1 1	E1 1 1	Percent	1 [	1	 	1 1 1	 	1 1	1
Mean, weighted Mean, unweighted Standard deviation	. NA	34.9 41.0 10.4	35.0 44.3 11.5	39.0 48.3 14.1	40.1 48.5 12.4	47.7 52.6 10.6	44.2 51.4 11.4	46.2 55.7 12.3	51.3 61.0 13.7	55.7 64.0 12.4	63.2 68.0 11.1	55.2 64.4 12.5	58.8 69.1 12.3	65.6 74.9 12.2	71.9 78.7 10.7	77.9 82.8 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

	: Number						Conce	entratio	Concentration ratio	(percent)	int)					
Paired	: of : paired		We	Weighted m	mean	••••		Unwei	Unweighted r	шеап		63	Standard	deviation	ton 1/	
	: SMSA's	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
	•• •• •	•• ••						A11	SMSA's	2/						
		: 44.3 :(208)	46.4 (214)	46.9 (218)	47.2 (229)	49.5 (263)	45.4 (208)	49.3 (214)	50.0 (218)	50.9 (229)	52.4 (263)	9.2 (208)	9.3 (214)	10.0	9.8 (229)	10.9 (263)
		•• ••				SMSA's	ü	existence		n paire	between paired years	3/				
1954-72	196	: 44.2	46.3	46.8	47.0	49.4	45.3	49.2	8.64	50.7	52.1	9.4	9.6	10.1	10.1	10.9
1958-72	: 204	:	7.97	8.94	47.0	49.4	1	49.3	8.64	50.7	52.0	1	9.4	10.1	10.0	10.9
1963-72	: 208	!	1	6.94	47.1	49.4	l i	1	6.64	50.8	52.1	1	1	10.1	10.0	10.8
1967-72	: 222	i i			47.1	49.4	1	1	!	50.8	52.1	8 6	1	1	9.0	TO.8
1954-67	: 203	: 44.3	46.3	46.8	47.1		42.4	49.2	49.9	50.8	!	ر ش و	9.3	10.1	10.0	
1958-67	: 211	l 	46.4	6.94	47.1	!	!	49.3	49.9	50.8			9,3	10.1	ي د د	1
1963-67	: 215	:	1	6.95	47.2	1		1	49.9	50.9	l	1	1	10.1	٧. ٧	1
1954-63	: 206	: 44.3	46.3	46.8	i		42.4	49.2	6.64	1		9,3	9.5	10.0		1
1958-63	: 214	!	46.4	6.94	ł			49.3	6.64	}	1	1	6,3	10.0		ļ
1954-58	: 206	: 44.3	46.3	i	1		42.4	49.2		ŧ	!	9.3	9.2	}	1	1
	_	••			Š	7 4 7 2 2 2 7 4 7	- 04	174	4	0	1000	75 020	1.7			
					NA	SMSA'S WIEN ENE	rue san	IT I DO AL	TTCTOH C	באבנו	same delinition between paired years 3/	rais 5/	<del>}</del> 1			
1954-72	: 82	: 43.0	45.6	46.5	46.5	6.64	9.44	48.8	50.3	51.2	54.5	10.6	10.3	10.7	10.9	11.3
1958-72	: 92	!	45.6	7.95	46.3	49.3		48.8	50.1	50.8	53.4	!	10.2	10.4	10.6	11.4
1963-72	: 116	!	1	46.2	46.7	9.64	1	}	49.3	50.3	52.6	1	i	10.1	10.1	11.0
1967-72	: 132	:	}	1	47.0	50.1	1		1	50.4	52.9	!	1	1	6.0	10.6
1954-67	: 124	: 43.6	45.6	45.8	45.8		6.44	49.3	50.6	51.7	!	10.0	10.0	10.3	10.4	ļ
1958-67	: 146	¦ 	46.0	46.2	46.3	!	1	49.5	50.5	51.6	ł	ļ	10.0	10.3	10.3	
1963-67	: 204	: :-	1	46.5	6.94	1	{	1	49.8	51.0		1	1	10.0	9.8	
1954-63	: 133	: 43.8	45.9	46.3			45.0	49.4	50.9	i	!	9.8	6.6	10.4	i 1	1
1958-63	: 157	:	46.3	46.8	}	-	ļ	9.65	50.7			1	6.6	10.4	ŀ	
1954-58	: 174	: 43.8	46.2	1	1	1	45.2	9.64	1	1	!	9.5	9.5	!	1	1

-- = Not applicable.  $\frac{1}{2}$  Standard deviation of the unweighted mean.  $\frac{2}{2}$  Number of SMSA's is in parentheses.  $\frac{3}{2}$  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.  $\frac{4}{2}$  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

	: Number						Conce	Concentration ratio	on ratio	(percent)	int)					
Paired	: of :		We	Weighted 1	mean			Unwei	Unweighted n	теап		S	Standard	deviation	ion $\frac{1}{2}$	
	: SMSA's	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1961	1972
-1								A11	SMSA's	2/						
		: 52.0 :(212)	55.5 (215)	57.7 (218)	60.1 (229)	63.3 (247)	54.4 (212)	59.9 (215)	62.0 (218)	64.8 (229)	67.3 (247)	8.9 (212)	8.9 (215)	9.4 (218)	10.0	10.6 (247)
	•• ••	** **				SMSA's	in	existence		n paire	between paired years	3/				
1954-72	: 192	52.0	55.1	57.2	59.4	62.7	54.3	59.7	61.8	64.5	8.99	8.9	8.9	9.6	10.0	10.7
1958-72	: 195	•	55.2	57.3	59.4	62.7	1	59.7	61.7	64.5	8.99		8.9	9.4	9.0	10.6
1963-72	198			57.3	59.4	62.8		}	8.10	64.5	66.8	1		4.1	0°6	10.5
1954-67	203	: 52.0	55.4	57.6	0.09		54.4	59.9	61.9	64.7	. !	0.6	8.9	9.5	10.1	1
1958-67	: 212	¦ 	55.5	57.6	0.09		}	59.8	61.8	64.7	ł	1	8.9	9.4	10.0	!
1963-67	: 215	1	!	57.6	60.1	ļ	1	1 9	61.9	64.7		1 0	1 0	4.6	10.0	1
1954-63	: 211	: 52.0	55.5	57.6	1		54.5	59.9	62.0			χ. γ. Ι	ο α ο ο	0.0	! !	
1958-63 1954-58	215	52.0	55.5	0./0	1 1		54.5	59.9			1	8.9	8 6 6		1	ì
					SMS	SMSA's with the	the sam	same definition between	iftion b	etween	paired years 3/	ears 3/	/4/			
1056-72	: 70		55 1	57 7	0 09	6 8 9	54.1	59.9	63.0	65.7	8,69	6.6	9.2	9.6	9.9	10.6
1958-72		:	54.9	57.5	59.7	63.4	1 1	59.4	62.6	65.1	68.9	1	9.1	9.3	6.6	11.0
1963-72	: 110	!	-	56.8	59.7	63.4	}	1	9.19	64.5	6.79	!		9.2	9.5	10.4
1967-72	: 123	l :	1	1 1	59.7	63.7	1 1	1 9	1 0	64.2	67.7	[	1 0	1 0	9.4	T0.T
1954-67	: 126	: 51.5	55.1	57.3	59.6	1	54.5	60.6	63.2 62.8	2.00		7.6	7.6	9.6	10.2	
1963-67	2040	-	4.1	57.3	59.9	1	ł	1	61.8	65.0	ł	!	1	9.3	9.8	1
1954-63	136	: 51.7	55.4	57.8	:	1	54.5	9.09	63.4		ļ	9.5	9.6	9.8	1	ļ
1958-63	: 158	:	55.5	58.0	1	1	1	60.3	65.9	ł	1	1 (	e, و د .	6.7	ļ	ł
1954-58	: 177	: 51.5	55.4	}		1	54.4	4.09	1		1	9.2	9.1	1		1
	••	••														

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

Sources: Table 12 and appendix B.

Table 20--Average level of grocery store sales concentration of the 20 largest firms in SMSA's between pairings of census years, 1954, 1958, 1967, and 1972

=	: Number						Conc	Concentration ratio (percent)	on ratio	) (perce	int)					
Paired	: of : paired		We	Weighted	ted mean			Unwei	Unweighted n	mean	7 7	63	Standard	deviation	ion $1/$	÷
	: SMSA's	1954	: 1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972
								A11	SMSA's	2/						
		59.6	64.3 (215)	67.7 (218)	71.5 (229)	75.1 (257)	64.6 (212)	71.0 (215)	74.2 (218)	77.7 (229)	80.9 (257)	9.3 (212)	8.8 (215)	9.0 (218)	9.2 (229)	9.2 (257)
		•• •• •				SMS	SMSA's in existence	xistence		en paire	between paired years	3/				
1954-72	196	59.4	64.1	67.4	71.2	74.3	64.5	70.9	74.0	77.6	80.1	9.6	8.9	9.2	9.6	9.3
1958-72	200		64.2	67.4	71.3	74.3	1 1	70.9	74.0	77.7	80.1	1 1	8.9	9.2	9 9	9.2
1967-72	203			:	71.4	74.5		{	1	77.9	80.3	1	1	:	9.3	9.2
1954-67	: 208	: 59.6	64.3	67.5	71.3	1	9.49	71.0	74.0	77.5	1	9.3	8.8	9.1	9.3	-
1958-67	: 212	!	64.3	9.79	71.4	1	-	71.0	74.0	77.5	1	1	8.8	9.0	9.2	
1963-67	: 215	!	1	9.79	71.4	1	1	1 4	74.1	77.6	!	1 6	1 6	0.6	7.6	1
1954-63	: 211	: 59.6	64.3	67.6	1	1	9.49	71.0	74.1	1	1	9,3	0000	1.6	!	1
1958-63	215 : 211	. 59.6	64.3	9./9			9.49	71.0	1.4/			9.3	0 00	0.6		
	•• •				SMS	SA's wit	h same d	efinitic	on betwe	een pai	SMSA's with same definition between paired years	3/ 4/				
1954-72	8	: 59.6	64.9	68.8	72.7	76.2	0.99	72.6	9.92	80.0	83.3	10.8	9.6	9.6	9.4	9.3
1958-72	: 89	!	64.7	9.89	72.5	75.9	1	72.0	76.0	79.4	82.7	l	9.6	9.6	9.4	9.5
1963-72	: 113	!	1	6.79	72.1	75.7	1	!	6.4/	78.5	81.8	1		۲,۶	7°T	7.6 T.0
1967-72	: 128	l :	1	1	72.0	75.8	<b>!</b> !	1	0	78.3	81.7	1 3	1 0	0	٠, س	0.6
1954-67	: 126	: 59.4	64.3	67.8	71.8	1	65.7	72.6	76.2	79.9	!	9.9	0.0	0.0	7 ° C	}
1958-67	: 140 : 20%		04.0	67.6	71 6	1 1	! !	71.9	74.3	78.1		1	T .	. 00	. 80	
1954-63	136	: 59.6	64.5	68.0	1	1	65.5	72.4	76.1		1	6.6	9.1	9.3	1	1
1958-63	: 158		64.4	68.1	l	!		71.7	75.5	1	1		9.1	9.2	1	1
1954-58	: 177	: 59.3	64.5	ł	1	ļ	6.49	71.8	i	1	1	9.6	8.9	!	1	1
	••	••														

-- = Not applicable.  $\frac{1}{2}$  Standard deviation of the unweighted mean.  $\frac{2}{2}$  Number of SMSA's is in parentheses.  $\frac{3}{2}$  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.  $\frac{4}{2}$  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/

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

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SA	HERF	# H	H5-	HERF	±	H5-8	HERF	H	C R 4	5 CR	CR4	5 28	CR4		ALL STORES:	SUPER- MAR- KETS2/:	STORES 3/	TOTAL SALES
6				GNI	EX					i i					1-1	IND	6	PCT.
10 11			4	010	0	0	T.	C C	7.	6	0	0	٥	Q	വ	٥	٥	1.
	NY: 0470	.0405	.0042	.0710	.0610	.0063	.0123	• 0009	38.2	11.8	LC)	4	18.3	4.5	.111	$\vdash$	.188	74.4
BURLINGTON	0	.0788	011	163	144	017	036	026	4	8	5				S.	60	- 1	9,
CANTON	0	.0297	.0105	0.74	020	014	53	8 4	٠ س	0	0.1	91			40	047	• 196	9
	S C	169	• 0026	29.00	91	000	049	0.50	1.0	\$ Q	o d		 V		4 0	000	200	9 6 M 0
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HARLE		1198	.0012	240	35	001	015	007		9	.0		Q	٥	3	0		1.
CHARLOTTE-GASTONI		655	.0076	135	118	015	023	19	8		L e	۵	26.4	6.0	_	0	•131	8
SANTANO	TM 00 3 C	8720	500	ď	7.7	.005	0.14	0.08	10		56.6	14.8	7		9	.722	9	143
CHALLANCOGA	TI - 1176	114	2000	2 6	9 9	400	008	20		6	)		S.		40		30	0
CHICAGO	OH: 1201	1 7	.0045	2389	.2309		.0130	.0110	49.9	13.3	70.07	15.8*	14.6	4.0	.843	•885*	1.049	70.2
CLEVELAND	OH: 0 0 9 4 9	.088	.0062	56	50	.005	029	28	1:	5		٥	4		0	• 306	• 98	• 9
COLORADO SPRINGS	CO: .1606	.146	.0119	26	14	.011	226	219	4.	÷	9	21.5*	å	0	-	46	53	å
	MO: .0796	•056	.0145	05	78	.017	074	54	ů.	Š	53.9				08	85		. 4
31	SC: .0573	.050	•0029	90	95	•002	019	14	2 •		9.	14.4*	20.6	9	D 1	8	200	
COLUMBUS		• 030	• 0042	0.7	86	•010	022	13	ŝ	·			e N		n o		n (	
$\mathbb{R}$		• 082	•0075	51	42	.008	21	16	•	7.	66.1	15.8	e N	•	00	• 304	N O	ů
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AYTON	0	.052	.0031	060	8.0	002	020	15		0.	0	14.4	0		io.	LO.	49	0
DAYTONA BEACH		•119	.0053	242	39	02	074	68	2	င်		۰,	0		н I	٥ (	7	
ECATUR	7	.145	9900	215	10	002	063	41	6	• •		12.1*	0 6		/ 0	о 1	2 0	• a
DENVER-BOULDER	CO: .2515	2492	00021	. 5185	.2168	• UUI6	00/68	00104	4.64	11.9	80.0	-	0 0		9336	336	0	86.4
ES HUINE	-	1010	9	d d	3	3	1	,		4	) }	1						
DETROIT			.0299	131	0 0	30	0.03	02	9		4	۵	6	8	02	028	• 088	6 1
DUBUQUE	IA:.2032		.0120	341	M	0	.1070	•0971	69.4	18.5	89.8	10.2*		13.4				75.1
<b>DULUTH-SUPERIOR</b>	MN: .0728		•0040	56	43	007	017	008	e M	å		0		-	50	- 1	- 0	9 1
LPA	TX: .0932		•0038	201	95	0.2	034	23	4	;		ء ۵			18	8228	7 6	9 N
ELMIRA	NY : . 0796		20	127	9 1	030	043	020	9 1	٠,	,	0 to 0	•	*	77	-	0	9 4
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SEE FOOTNOTE	AT END OF	OF TABLE.															CONTINUED	UED

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

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MYER	- L	.1161	.0051	.2109	.2047	.0057	.0548	.0451	62.8 1	3.7	83.3	14.4	35.3	$\vdash$	.178	*180*	452	75.0
T SMIT	153	46	.0028	150	.137	0.8	7	03	6	ហ្	,	9	i	a	_	_	$\supset$	0
_	-	0.3	.0067	156	.146	000	45	35	6 .5	ů,	4		32.9	11.5	.301	*330*	.323	83.5
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ARY-HAMMOND-E	N	I O I	LOU	063	.041	016	015	008	5.8		0		15.7	ın ı	.01	.03	32	9 1
	.247	10	0.1	34	•332	0.1	013	90	7.8	ġ,	0.6	٦,	9		•13	23	_	0 1
GREAT FALLS	MT: 1700	1626	• 0053	1006	1903	.0059	0784	0.0645	ه م	14.0 0.0	*	10.04	32.1	15.6	V CC	• 087	.145	
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REENSBORO-WIN	NC: • 046	.0361	•000	• 0 9 4	.077	13	0 0 8	000	6.5		3.4	0.	e m	000	08	1 00	06	4 0
REENVILLE-SPART	SC: •12	.1173	• 003	.220	•216	903		9 6	3.4	6 -	ů -	9 6	0 0		D M	25	~ LC	. 0
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HONOLULU	086	0	0	.13	•	÷0013	.0143	.0077	53.6	14.2	66.2	1	16.8	7.4	*094 *	• 094	.091	81.0
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0	000		700	+ R	104	800	016	011	7.2	10	1.	۵	•	F = 9	0		M)	e N
LACKSON	MT: .1306	1227		198	.187	.010	31	20	3.0	ິດ	78.7*	19.2*	26.1		10	21	17	9
JACKSON		.1302	• 005	290	.281	.008	018	011	5.9	2		٥١	•	10.2	99	- 0	M	9
JACKSCNVILLE	4	.1007	•000	229	•219	•000	0.34	029	2 6	00 1	ກຸ	۵ د	<b>3</b> C	ے <i>د</i>	- 0	157	2 =	0 -
JERSEY CITY	• 06	9	•007	117	• 0 9 9	• 014	000	900	7 4		74-44	3 4 0	7.	9 9	0 9	• 024*	92	. 0
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ANSAS CITY	MO: • D	.0685	.001	.1048	.1008	-	.0222	.0186	M	Pm 1	59.2	00	24.7	5,53	.125	.150	•219	80.8
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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

		H	ERF INDA	HL IND	EX		•	CONC	ENTRAT	ION RAT	110			2	ı		
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d D E D	HERF : H4	H5-8	HER	Ŧ	T U	HERF : H4	C & 4	CR 5-8	CR4	5 0 8 8	CR4	5-8	ALLSTORES	MAR. KETS:	SMALL STORES 3/	TOT:	1 10
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KILLEEN-TEMPLE	TX:.0595 .04	600.	.149	.128	.016	0416 .03	3 40.	16.	70	20.5*	6		N	-	CV	8	
KINGSPORT-BRISTOL	TN: 0438 034	000	.104	•086	.011	0122 .00	9 35	13.	9	M	e o	φ 0	0	P 4	20	00 M	
LA CROSSE	0771 .061	.011	.150	•126	.023	395 •01	3 47	20.	0 0	9 0	ຸດ		σ	1 00	¬ اس	. 0	
	LA: 0706	.013	.192	.164	.027	0241 .01	3 41.	20.	6	0	100	æ	29	SI I	16	4	
LAFAYETTE-WEST LA	IN: 1531 01411	01113	.1969	.1863	.0106	11	73 72.1	17	82.8	17.2*	64.8	14.0	•086	• 086	117	87.0*	
LAKELAND-WINTER H	FL: 1138	.004	. 244	.239	.004	0334 .02	3 57.	13.	5.0	9	0 0	۵ ۵	0 0	66	r 4	9 4	
LANCASTER	0.	• 005	.162	.156	.003	0205 • 01	7 45.	10.	6	12.0	-	6.4	9	9	13		
LANSING-EAST LANS	MI: .0671 .057	700°	.124	.110	• 000	162 .00	91 42.	17.	0,	9.1	2		LO.	9	-	-	
	TX:.0961 .080	3 .012	.182	.155	•026	0450 .03	09 56.	17.	œ	\$	33°7	12.2	00	O.	0.8	-	
ı	NV: 1199 -102	.015	•161	.140	.019	60. 666	29 57	24	7.2	7.1		٥	4	4	- 1	ຄ	
LAWRENCE-HAVERHIL	MA	0000	• 2225	•215	• 006	0152 .00	54 55	14.			4 0	М	10	875	000	e c	
LEWISTON-AUBURN	1034 .098	• 000	• 22 C	2338	.004	262 • 01	02 60	1 9	9 6	8.7	9 6	0 6	- 6	വ	VP	V 4	
LEXINGTON	.1035 .099	.002	• 193	.188	.004	0121 .00	41 60.	10.	2.1	, w	° N	9	0.9	117	0.5	0	
LIMA	OH: 1157 .1096	0034	•2752	.2686	•0020	.0201 .007	76 52 .1	11.3	79.1	14.0	17.0	12.2	.615	•716	• 056	63.4	
LINCOLN	ALUBA BOUL	000	907.	•125	000	40° 22'0	• / C qq	120	ņ		N	20	20	30		•	_
LITTLE ROCK-NORTH	AR: .1238	.000	.233	.231	.001	0134 .00	9 61.	υ.	9	9	14.6	O	-	42	•280	0	
LONG BRANCH-ASBUR	NJ: 0986	.010	•126	•109	.013	311 .02	7 53.	19.	0.0	ů.			C	17	- 1	9	
LOKAIN-ELYKIA		• 613	•104	.085	.015	80. 9060	4 2 4 2 6	22	9 5	ຄຸ	40.9	10.8	0 4	8 8	97	9 1	
5	1002	.001	.193	•189	.002	055 .00	54.	9	• 9	4 6		0	10	<b>-</b>	-  -	9 6	
ELL	2131	.003	• 336	.331	.004	0268 .01	9 71.	10.	89.4*	10.6*		14.6	63		90	8	
LUBBOCK	$\times$ 4		_		·0067	0376 -02	71 69.4	12	84.3	30.00			.353	•418		75.8	
MACON		000	670	271	9 0 0	317 .02	7 1	7 6	79.1+	15.0	100Y	0 0	v a	136+	700	• 0	
									١	,	,		)		`		
MADISON	0731	• 007	•127	•115	.008	239 .01	4 47.	. 2	4		18.9	9.0	$\vdash$	S	• 400	e M	
MANCHESTER		. 018	090	.063	.918	157 .00	33.	18	e u		۵ د	0 0	90	oς	0 0		
MANA I FILED TO BE DO TO THE	TV - 0415	100	010	0117	200	1010	0 0	2 0	2 10	9 6	a		10	777	- 0		
MELBOURNE-TITUSVI	FL: 193	.003	.302	.301	000	10. 101	4 79	10.	2 6	ů ď	7.4	0 0	ο <del>-</del>	VI	OT.	0 00	
PEMPHIS	TN: .0554	• 004	.118	.110	.006	0137 .01	9 41.	13.	1.8		S.	0	16	15	N	9	
MERIDEN	T: •1312	.014	•205	.183	• 021	664 .05	1 67.	18.	5.2		45°3		N	10	•034	. 4	
MIDIAMI	1034	• 0028	• 1852	•1835 2325	.0011	2 0	74 62.8	1.9° T	85.0*	ក សូម សូម	ດ	3 4 4	.013	•016*		7303	
TIOLKING	0070 11100	•	. 240	9 0	• 00	000	000	n T	9		2		n	9	2		

SEE FOOTNOTE AT END OF TABLE.

CONTINUED --

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

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

	•••			HERF INDA	HE IND	)Ex		1	•	CONCE	ENTRAT1	ION RA	110		 				!
	1	L STORE	S	SUPER	MARKE	15 2/	SMA	LL ES 3/	AL	L RES		R- S 2/	SMAL	L S 3/	DISPAR	ITY INDI	EX FOR	SUP	4 H
≪ U S S S S S S S S S S S S S S S S S S S		H 4	E 5	HERF	#   #	H5-8	HERF	H 4H		5 6 8		CR 5-8	4	5-8 5-8	L RES	UPER- MAR- ETS2/	MALL TORE	. F &	אר י
				i	DEX		=				PC1				i i	INDEX		PCT	1
PINE BLUFF	AR: -1040	•0972	.004	.263	•259	•00	38	027	0		1:	8 5 4	28.4	14.1	LC LC	10	.375	6	*
PITTSFIELD	MA: • 1458		001133		• 0864 - 1986		• 0065	• 0052	43.4	6.2	55.5	0 4	۵ ۵	0 1	•109	•122			
PORTLAND	ME: . 1005		•004	.191	.181	9000	018	011			9 ° 6	14.7*	o c	•	~ a	7 2	0 0		
PORTLAND	OR: -1071		• 005	•163	.158	.003	016	013	100	9.	6.3	1.	1.		4 2	9 7	g,	. 0	
PROVIDENCE-WARWIC	2 2	•2065	0004	• 276	•269	•006	200	018	P 0		e e	4			10	IO 1	13	4	
	U		.014	.127	.102	.021	053	37	1.	9 6	N M	ء د	0	0 (	ט ע ט ע	d n	0		
PUEBLO				.306	•303	•003	103	092		5	9	8.4.	51.3	4	0	200	• 408	75.2	
RACINE	094	.0824	• 008	•146	•129	•013	29	5	- 4		- 6	•	6	c	c	6			
RALEIGH-DURHAM	.1194	.1180	.000	• 256	•255	.000	012	008	9 6	. 10	9 10	1 4	, ,		7 6	77	⊃ແ	•	
READING	:.0621	.0516	• 007	•119	.10	.012	010	003	0	15.7	.0				- 4	9 0	വാ	• •	
	NV: 1125	.1905	•008	•145	•131	.011	960	990	9		8	0	o.	2	· 01	12	8		
RICHLAND-KINNEWIC	WA: .1022	.0851	•015	.153	•128	•024	47	23	7.1		.0	9	2		4	03	26	8	
RICHMOND PIVEDSIDE SAN OFD	VA: • 0816	11900	100	•134	•114	.017	9	034	2 . 2		8		8		S	8	-	9	
30 245	VA: 1346	1288	700.	010	260	900	400	31	ຄຸດ	9 6	9.1	å	ů,	•	ഗ	059	92	7 .	
ROCHESTER	: 1699	.1627		.239		900	.1005	.0847	76.6	14.7	91.8*	0 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	57.0	28.7	1000	1004	• 094 • 036	79.5	
								,	-		,				>	-	5		
ROCHESTER	NY: 1253	.1225	00.	.1947			9600*	• 0062	ו מו	8	3.2	۵		4.	σ	N	72	9	
SACRAMENTO	0827			124	100	010	7 5	200	/ • O	10	200	۵ ۵	1 00	13.1	19	99	• 581		
SAGINAW			.003	91	• 185	• 005	013	000	0 00	10.7	76.7*	14.2	***		8228	• 229 *	• 234 4	80°9	
ST CLOUD	.0603		.010	121	.093	.019	030	11	9.0		9.6		1	9	מונים	51,0		9 4	
ST JOSEPH	.0837		.012	125	.102	.019	043	028	1.2	5	9	27.8	9		01	018	02	.0	
FM			.001	101	•097	•001	700	900	6.2	9	2		13.3	2.6	M .	16	.393	. 8	
ALT				100	101	900	1 1 1 1	100	4.0		ů.	14.0	ů.		0	-	M ·	00	
			9	7.0	. 101	000	Δ	2		•	•	٥			N	• 421	0	9	
SALT LAKE CITY-06		7	.001	157	52	.002	28	022	9	- 0	71.2	8.4	1.		0	.204	N	80	
SAN ANGELO	TX: 1010		• 008	2 2	15	•006	0.56	039	9 8		۵	٥	32.6	18.1	5		49	4	
	CA: 1030	-	010	161	- 4		0 6	227		å	0 •	۵ ۵	9		4	0	9		
SAN FRANCISCO-OAK			• 0002	161	5 10	500.	0 4	r M		. 6		- 4			20 U	19			
JOSE	CA: 0758	0	.005	106	94	.007	46	943	0.9	. 4	54.8*	17.1	. 2	4.2	าเก	•257*	1.241	0 M	
SANTA BARBARA-SAN	CA: 1189		.0042	.1858	•1775	•0063	•0257	.0124	62.0	12.8	۵		19.5	12.7	.170	1	, W	78.5	
SANTA ROSA	CA: DA72		000	39	27	• 006	29	12	9.0	å.	63.1	15.5	1	٥٥	80 1	• 285		8	
	) • • • •	•	•	0	+	• 006	C.	0.6	1.0	ŗ	D. 0	•	15.4	7.5	2	in .	.141	8	

TABLE 21--FERFINDAHL INDEXES. CONCENTRATION RATIOS. AND DISPARITY INDEXES FOR ALL GROCERY STORES. SUPERMARKETS. And Small Grocery Stores. Smsa°S. 1972 1/--Continued

	1	1	17	RFINDA	HL INDE	×	1 2		1	CONCE	NTRATI	ON RATI	0		ISPARIT	YINDE	FOR	SUPER
	ALL	STORE	S		RKET	2/	STO	L S 3/	AL STO	i 1	UP E	2/2	SMALL		OUR I	RGEST UPER-:	I R H	MARK
ASES	H H H H H H H H H H H H H H H H H H H	I T	H5-8	ERF	I 4	H 22	밀	¥ I	CR 4	21 8.8	4	5-8	CR 4	CR	ALL :	MAR- ETS2/:	STORES 3/	SALES
				ZI		6				1 1	PC -		1		- <mark> </mark>	INDEX		PCT.
F 0 0 4 0 4	F1 : 1824	1772	.0037	2592	.255	003	082	99	. 6	-	-	10.5*			NI	32	17	M K
AVANNAH	.0	20 0	7 400 0	132	119	80	225	.0130	OU D	13.6 13.2	63.8	15.7*	17.0	3.7	.504	.513*	.767	-
SEATTLE-EVERETT SHED MANAGENTS ON	WA: 0969	.0904	.0045	3 4	3 4	000	029	018	-	,				00	17	36	00	3.
HREVEPORT	990	55	0 1	139	118	017	064	52	o ro		,	27.0	9	٥٥	- M	,	-	
SIOUX CITY	SD: -2482	n n	.0034	405	9 0	000	060	038	9	-	00	f	9 1		26	62	.052	9 4
BEND	114	11	0 0	.1431	.1307	.0076	.0194	007	62.4	13.2	اد اد	0	13.7	4 (0)	4	4	5	9
SPUKANE	7	4	5				4	0	n n	7	ly.	O	- 0	9	_	.114*	VD	
SPRINGFIELD	IL: .0988	.0860	600	145	9153	0110	0.00	2 4	1 00	9	00	21.1				99	0.2	6.1
SPRINGFIELD	157	147	1800	1204	1110	.008	36	022	44	18.1	9			9	٠0.	075	11	6 M M
SPRINGFIELD	MA: -070	2 6	· -	115	.101	.011	031	025	47.	œ	3.0	7.88	ů,	ů N	_ 8	7 4	0 K	9 5
1	CT: 073	053	013	95	.070	.018	029	17	43	0	6 4	9 6	N G	11.2	~ ~	0 0	2	. LC
STEUBENVILLE-WEIR	.: HO	-0707	.0060	•1812			- 0205 - 0187	01103	34.0	0	51.0	22.5*	19.7	0	660.	.123	• 063	63.1*
STOCKTON	. 043	510	300	ь г С	.037	7000	014	9	29	15.8	-		8		LD 0	Poor P		9
TACOMA	20	.0916	0.0	180	.164	.014	026	138	49.	8	4	0	2	? *	N	0	-	-
						0	0	R.	70.7	1.7	-	a	.0	4	TD.	9	<b>C</b>	7.
HASSEE	F.	.1495	.003	2 a	.323	9000	0 20	0 10	63	5.5	82.	12.0			01	.130*	16	9 6
	TN . 118		400	214	•204	.008	17	004	56.	5	4 . 4	-	o 1	٠, د د	4 4	-	200	0 0
=	X: •058			9 8	.192	.015	019	11	41.	4 1	0	16.5	9 K		~ cc	- N	4 6	. 60
TOLEDO	1600:	0.	•006	153	.141	.010	7 6	900	0 10	9 %	9.1		10		0.8	g.	0 0	å.
TOPEKA	0.095	•	.013	123	.100	.020	020	012	50	è.	0		-	9° 7	•120	.113*	11.372	74.1
UCSON	•07	•	.0146	.1918	.0879	.0167	.1742 .0373	.0338	45 52 50	13.6	70.1*	12.4*	34.0	5.1	י סו	21	16	4
4010				, ,	271	00	140	0.31	65			્ય	60	13.2	8	LO.	11	
TUSCALOOSA	120	-205		403	4004	.002	.027	.013	67.	80	4	5.	÷	0.	83	782	14	ກຸດ
ITTER - POMF	.058	.040	.0153	.098	.078	.016	.025	• 118	39	- 0	3.0	٠.	ດີ	P	# M	9 6	31	
VALLEJO-FAIRFIELD	CA: +105	•093		.158	•142	.012	.03	• 027	6.00	ຄື	e' e		26.5	11.0	9.0	125	.274	72.9
VINELAND-MILLVILL	NU: 1140	•196		. 205	382	.003	.030	.022	61.		50	4 . 7	7	æ	15	101	23	9 4
JACO	197	.194	.003	265	.263	.001	960	.095	76.	6	8.9	4 L			33	354	- 5	0 -
RBURY	CT: .07	•0624	•	144	3 -118	8 .0246	.015 .054	.0058	65.0	23.3	77.9	0	32.2	19.6	.272	75	.359	110
WATEKLUG-CEDAK FA	IA. e. t	-1		,														
																	CONTIN	NUED

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

	)   		닢	RFINDA	L	×		•••		NCENTR	ATION RA	TIO		TOPAGI	Z		SIIPER
	ALL	L STORE	S	SUPER	ARKET	2/	SMALL	3/2	ALL STORE	MARK	R- S 2/	SMAL	3/	FOUR L	SEST SEST	(H   3	MARKET SHARE
S S S S S S S S S S S S S S S S S S S	HERF	H 4	H5-8	1 00	1 ±	H5-8	ERF	4	R4 :5-	2	5	CR4	1 0C 00	RES	MAR-: KETS2/:	STORES 3/	
				ONI	EX						CT.			i	INDEX	1	<b>:</b>
	••						4		1	20	•	a	C	- 1	17	9	7
JEST PALM BEACH-B	FL: 1295			208	0 4	90	0504	200	4.1 14	000	22.	0 -	V C	- 10	- 4 4	3 10	• a
WHEELING	WV: 0820	0720	0/00•	165	<b>+ -</b>	1 t	0.000	14B	0.5 15	9 47	2001	22	5 N	10	3 0-	14	6
S	TX: 1263	.1203		74	· P-	002	481 •	354	5.8 11	3 94.	ູນ	100	13.6	_	214	9	61.1*
RT	PA: .1724	•1695		286	00	002	0462 .	351	3.7 9	1 93.7	÷ 9 .	50	M V	at P	33	4 0	٠.
	DE: •1257	•1195		183	P- 11	007	0311 .	271	3.9 13	7 74.9	* 15.	7.00	1207	~ a	T 0	190	- M
WILMINGTON WORCESTER	MA: 0530	.0382		• 0742	•0539	.0129	.0241	0163 3	2.9 18.	38		0	0	.408	454		82.4
YAKIMA	WA: . 0855			163	10	0.5	0205 •	061	4.6 13	4 61.	*	15.7*	13.8	MO	• 588 *	• 601*	6
YORK	PA: .0651	.0551	.0072	.1197	.1046	.0119	0175 .	0 0 8 7 4	4.4 16	9.09 8.	* 21.8*	18.1	11.5	.117	*139*	• 056	70.7
YOUNG STOWN-WARKEN	OH: • 0406	.0290	.0077	•0729	59	07	289 •	245	2.1 14	_	14.			Ñ	٥	N	00
EAN. WEIGHTED 4/	: .0891			4	10	0.9	0250	206	9.5 13	9 62	15.	0	22	50	23	3.5	
MEAN, UNMEIGHTED :.0987 STANDARD DEVIATION:.0402	: .0987			.1707	.1581 .0695	.0102	.0371 .	0278 5 0287 1	2.4 15	.0 69.5 .7 13.9		25.6	10.2	•236	.203	. 285 289	8.4
	••••								NUMBER								
	••														- 1		
NUMBER OF SMSA*S	: 263	263	263	263	263	263	263	263	263 24	47 236	164	215	191	263	236	215	263
	••••						COR	RELATI	ON COEF	FICIENT	s						
HERFINDAHL INDEX	••																
ALL STORES	•••																
H4 H4	66.																
•	:21	31	1.00														
SUPERMARKE I 2/			2	•													
T T T	0 00			1.00	0												
H5-8		F . 43	.89	4	4 B	1.00											
STORES3	: /																
HERF	 80 4		• 35	•27	• 25	912	1.00	00									
<b>*</b>	e 0		•	•	V	•	١.	•									
CONCENTRATION RATIO	. 01																
ALL SIUKES				~	-	37	4	9	0								
CRSTB	27	36	.97	1 9 9	- 43	-87	• 36	34	29 1.	0.0							
	•															-	i i
SEE FOOTNOTES AT END OF TABLE	AT END 0	F TABLE	•													CONTINUED	NUED-

TABLE 21--HERFINDAHL INDEXES, CONCENTRATION RATIOS, AND DISPARITY INDEXES FOR ALL GROCERY STORES, SUPERMARKETS,

		뮢	FINDAL	RFINDAFL INDEX	×		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i	CONCE	NTRAT	CONCENTRATION RATIO	CONCENTRATION RATIO		DISPARIT	r INDEX	SUPER- SDISPARITY INDEX FOR SMARKET
ST(	ALL STORES		SUPERM	SUPERMARKETS 2/		SMALL STORES 3/	3.7		ALL :	SUP!	ER- TS 2/	SUPER- : SMALL MARKETS 2/ :STORES 3/	3/	FOUR LAF	GEST FI	FOUR LARGEST FIRMS :SALES
±	! -		HERF	HERF: H4 : H5-8	1	HERF: H4			7.01 8.8	CR4		CR CR CR CR CR CR CR CR CR CR CR CR CR C		ALL STORES:KI	MAR ST	CR: CR: ALL: MAR-: STORES:TOTAL: 5-8: CR4:5-8: STORES:KETS2/: 3/:SALES
		1 f f g		P 		CORREL	<<	IONC	OEFFIC	CORRELATION COEFFICIENTS						
Ť	.76 .78 -	.31	.91 56	.91	• 39	.31	.27	.8738 50 .89	 E. 80 80 Br	1.00	1.00					,
	.34	•36	. 32	 2.28	• 13 18	.89	.19	44	 239	• 38 36	.19	1.00	1.00			
1	4 4 C	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	. 50		1 1 1 6 6 6 6 4 6 7 5	-007	07	.16	.16 = 30 .17 = 33	- 15 - 15	1.22	9 8 9 H H C C E 4	06	1.000	1.00	
	8 8 8	•12	-16	- 15	01	•14		.32	•11	•13 •32 •11 <b>-</b> •19	• 00	•07	• 03	• 06	.03	.07 1.00

1/ THE FOLLOWING SYMBOLS ARE USED IN THIS TABLE: HERF FOR HERFINDAHL INDEX, H4 AND H5-8 FOR PARTIAL HERFINDAHL INDEXES FOR THE 4 AND 5TH-8TH LARGEST FIRMS; "D" IN A DATA CELL DENOTES AND 5TH-8TH LARGEST FIRMS; "D" IN A DATA CELL DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THE CENSUS TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS; AND "\*" DESIGNATES AN ESTIMATE PREPARED BY USDA-FTC FOR THIS REPORT. ESTIMATES FOR CONCENTRATION RATIOS AND FOR SUPERMARKET SALES SHARE OF TOTAL SALES DO NOT THE POTENTIAL ERROR OF THE ESTIMATES OF THE DISPARITY INDEX ARE LIMITED BY THE POTENTIAL BASED ON SALES OF SUBERMARKETS.

3/ FIRM RANK BASED ON SALES OF SUBERRARKETS.

3/ FIRM RANK BASED ON SALES OF SMALL GROCERY STORE SALES. CONCENTRATION RATIOS AND SUPERMARKET SALES SHARE OF TOTAL SALES

WERE SELF-WEIGHTED.

SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS. SOURCE:

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 1/2

				Herfindahl	lahl index	×	9			S	Concentration	- 1	ratio	**	Disparity	ity index	x for	Super-
Item	A11	1 stores		dns	1 65 1	s <u>2</u> /	Small s	tores 3/	A11	stores	Super	1	Small stores	111 -	four 1	sst sr-		market share of
	Herf :	H4	: H5-8	: Herf	: : H4 :	: H5-8	Herf	H4	CR4	CR5-8	CR4	CR5-8	CR4	8-5	stores:	markets 2/	stores $\frac{3}{}$	total
						<u> </u>	SMSA's with	Н	million or	more	population	tion						
	1 1	1 1 1;2		In	Index	1		1	1	1 1	- Percent	1	1 1	1	1	Index -	1	Percent
Mean, weighted <u>4/</u> Mean, unweighte <u>d</u> Standard deviation	0851 0921 0415	.0772	.0063	.1308 .1425 .0569	.1200	.0088	.0171 .0219 .0208	.0155 .0197 .0205	48.3 50.7 10.3	13.2 13.0 4.6	59.4 63.2 12.6	14.9 13.4 4.7	16.6 19.4 7.3	3.4 4.1 1.9	.239 .252	.228 .259 .212	.396 .442 .312	78.8 78.6 5.2
Number of SMSA's	34	34	34	34	34	34	34	34	Number 34	33	33	22	29	29	34	33	29	34
						S	SMSA's with	300	6 - 000	666,666	population	tion						
	1	1 1 7:1		In	Index	1 1		1	1		- Percent	1	1	1	1	Index -	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	.0880	.0788	.0068	.1458 .1446 .0526	.1341 .1322 .0575	.0090	.0310 .0310	.0260	49.5 48.9 10.3	14.8 15.2 5.1	64.2 64.2 13.3	16.3 17.0 6.5	23.6 24.1 11.0	6.9 7.4 2.7	.225 .221 .196	.249 .241 .206	.330	74.8 74.3 7.1
Number of SMSA's	92	76	9/	9/	92	76	92	76	Number 76	74	71	42	63	52	92	71	63	76
						छ।	SMSA's with	150	,000 - 29	299,999	population	tion						
	1	1		Inde	Xe	! !	1	1 1	1	1 1	- Percent	- 1	1	1	1	Index -	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	.1020 .1028 .0424	.0928	.0062	.1790 .1821 .0631	.1670 .1701 .0675	.0090	.0354	.0246	52.4 52.5 11.2	14.0 13.9 3.8	69.8 70.5 12.1	17.3 2 17.1 5.6	23.4 24.3 9.2	10.7 11.7 4.1	.279 .281 .207	.291 .303 .224	.252 .221 .291	72.6 72.2 8.6
Number of SMSA's	92	76	92	76	9/	76	76	76	Number 76	70	65	94	99	54	92	9	99	92
						į,	SMSA's with	less	than 15	50,000	population	ion						
	 	1	1 1 1 1	Inc	Index	1 1	1 1 1		l	I I I	- Percent	1	1	1	t t 1	Index -	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	.1084	.0968	.0087	.1936 .1977 .0672	.1788 .1829 .0747	.0129 .0131 .0081	.0504 .0513 .0268	.0366	55.9 56.3 10.4	16.8 16.9 4.7	75.8 77.1 13.1	18.3 18.8 8.7	30.4 32.1 11.2	13.3 14.4 4.2	.181 .178 .151	.214 .200 .162	.237 .229 .233	71.6 71.2 9.6
Number of SMSA's	77	77	7.7	77	77	77	77	77	Number 77	70	67	54	57	56	77	29	57	77
See footnotes at end of table.	of table.																Ö	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  $\underline{1}/--$ Continued

Supermarkets H5-8 Herf : H4 :
Index
.0069 .1116 .0986 .0085 .1466 .1313 .0050 .0595 .0633
56 56 56
Index
.0070 .1523 .1409 .0071 .1689 .1564 .0037 .0687 .0727
69 69 69
Index
.0053 .1783 .1696 .0064 .1915 .1805 .0040 .0624 .0677
86 86 86
Index
.0073 .1304 .1175 .0073 .1565 .1436 .0044 .0565 .0604
40 40 40

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 summartes by population, region and 1972 four-firm concentration ratio 1/--Continued

				Herfindahl	thl index	, a				Conc	Concentration	on ratio	150	 	Dispari four 1s	Disparity index for four largest firms	x for	Super- market
Item	Al Herf	All stores	8 H5-8	Supe	Supermarkets : : f : H4 :	8 <u>2</u> / H5-8	Small Herf	stores 3/:	All st	ores CR5-8	Super- markets CR4 CI	2/ R5-8	Small stores CR4 CR	3/ 2/ 3/ 3/ 3/ 3/ 3/ 3/ 3/ 3/ 3/ 3/ 3/ 3/ 3/	All :	Super- markets	Small stores	share of cotal sales
					SMSA's wi	: with 1972	four-firm		··l =	rat	of	60 percent	"	over				
	1	1 1 t	= 1 1 4	Index				1 1	-	1 1	- Percent	ant	l L	1	1	Index -	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	: .1575 : .1507 : .0374	.1523 .1442 .0382	.0042	.2414 .0538	.2340 .2351	.0042	.0556	.0484	68.4 67.2 5.2	11.3 12.5 3.6	85.1 85.7 6.5	9.7 2 11.3 3	29.9 32.2 12.1	9.7	.276 .262 .210	.268 .290 .214	.336	79.2 76.9 7.0
Number of SMSA's	. 64	99	64	99	99	79	99	N 64	Number 64	09	09	48	51	67	99	09	51	49
				011	SMSA's wi	ith 1972	four-f1	rm concer	concentration	n ratios	o.	50 - 59	. 99	percent				
		1	1	Ind	Tudex	1	1	1	ŧ L	1 1 1	- Percent	ent	l l	1	l l l	Index -	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	: .1019 : .1018 : .0151	.0951	.0056	.1671	.1584	.0076	.0354	.0187	55.0 54.7 2.7	12.7 15.2 4.6	70.3 72.0 7.0	14.7 2 18.7 2 6.4	21.7 26.1 1 8.5	5.3	. 250 . 232 . 182	.234 .248 .199	.249	76.4 73.8 7.5
Number of SMSA's		82	82	82	82	82	82	82	Number 82	75	92	51	62	53	82	9/	62	82
				0.1	SMSA's with	ith 1972	four-f1	rm concer	concentration	on ratios	g o	65 - 05	99 р	ercent				
		1	1 1 1	ouI	Index		1 1 1 1		1	1 1 1	- Percent	ent	1	ı	1	Index	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	: .0759 : .0736 : .0131	.0653 .0618 .0134	.0082	.1261 .1372 .0397	.1116	.0117	.0225	.0184	46.0 45.0 2.7	15.2 16.4 5.1	58.6 61.1 7.8	17.7 2 20.4 2 6.8 1	20.0 23.3 10.2	5.9	.228 .212 .181	.253 .226 .191	.385	76.1 71.2 9.2
Number of SMSA's		93	93	93	93	93	93	93	Number 93	89	78	48	81	72	93	78	81	93
				931	SMSA's w	with 1972	four-firm	- 1	concentration	ra	tios les	s than	40 per	percent				
		1	1 1	Inc	Index	1	1 1	1	I	I I I	- Percent	ent	1	1	I I	Index -	1	Percent
Mean, weighted 4/ Mean, unweighted Standard deviation	0435 :0461 :0095	.0337	.0066	.0710	.0566	.0099	.0100	.0075	33.5 33.6 3.7	15.4 15.6 4.2	42.7 46.5 8.1	19.1 19.8 5.0	14.5 17.5 7.7	3.0	.203 .203 .214	.220	.175	75.8 70.5 8.2
Number of SMSA's	24	24	24	24	24	24	24	24	Number 24	23	22	17	21	17	24	22	21	24
	••																	

1/ Herf denotes Herfindahl index, H4 and H5-8 denote partial Herfindahl indexes for the 4 and 5th-8th largest firms respectively, and CR5-8 denote concentration ratios for the 4 and 5th-8th largest firms respectively. 2/ Firm rank based on sales of supermarkets. 3/ Firm rank based on sales of small grocery store sales. Percentages were self-weighted. Sources: Tables 12, 13, and 21 and appendix A.

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/

		 				MS	: : : :	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1 1	FOU	LARGE	1 = 1	f 6 8		
≪ V) E V)	# · · · · · · · · · · · · · · · · · · ·	FIRMS:	STORES 3/	ANNUAL:	i i	ANNUAL PAY- ROLL	SALES PER STORE	YROLL PER LLAR ALES 5/	STOI TOTAL:	RES PERCENT OF SMSA TOTAL	ANNUAL	SALES SALES PERCENT OF SMSA TOTAL	EMPLO	YEES FERCENT:	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
		0 N I I	1	MIL. DOL.		000	001.	°L3	0 2	PCT.	MIL. DOL.	PCT	ON	PCT.	00	PCT
ABILENE	TX:	123	131	48	74	3,54	9	9	-	9.	N		32	m	477	0.
AKRON BANK	. HO	255	405	311	5,243	29,392	768	9.53	144	35.6	166	53.4	2,723	51.9	1,152	9.83
ALBANY-SCHENECTAD	N Z	642	715	382	976	71	- P7	2 4	95	. e	10	o o	976	រំព័	•13	9 9
	Z Z	142	245	146	0	0,61	9	4	42		9	9	9	4	<b>\$30</b>	M
ALEXANDRIA	LA:	223	223 541	280	80	3933	മര	9 0	ה קינו		1 25	÷ c	ο o	S d	972 118	7 • 8
-		119	141	207	J M	5,31	9 0	1	22		4 10	9	555	9 6	946	8
AMARILLO	TX	63	109	75	112	973	8	-	23		47	2	4	2	• 03	7.4
ANAMFIM-SANTA ANA	٠. ٠	7.7.7.7	613	0	4	200	1,8	α	9	- 6	320	4	-	ά	40	H.
	A C	) 14	4 15	1 1	9 6	8 1 2	0	1	10	9 6	រូវេ		1 12	0 0	10°	0 00
ANDERSON	IN	72	77	6.4	1,038	5,377		8.52	15	19.5	39	61.8	564	0.00 0.40 0.00 0.00	2,630	8.57
ANN ARBOR	E H	84	0	M	984	960	-	8	22	10	86	ις O	4	o Cl	192	• 0
APPLETON-OSHKOSH	: I #	130	4	-	991	949	75	-	13	6	29	9	44	M)	•25	•
ASHEV ILLE	NC:	177	S.	-	1,19	5,98	0	0	M	-	ഗ	ů	85	1.	973	6
ATLANTA	6A:1		0	S	•50	,81	LO	m	203	8	397	4.	C/J	1.	• 95	S
LANT	" S	162	166	σ.	00	•63	9	9	21	å	59	ю 1	M 1	2	.81	6.
AUGUSTA	6A:	316	ហ	-	• 70	•97	N	M	56		54	1.	M	e M	• 06	Ę.
	×	176	00		16	3,40	00	-1	28		87	-	10	ů	604	10
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IGE	LA:	374	<b>S</b>	0	86	4957	OL I	6	33	۴,	91	-	916	•	960	0 1
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	H H	50	619	3.9	582	39466	647	8.88	10	16.4	22	54.9	290	49.8	2,165	9.24
BILOXI-GULFPORT	M.S.	200	233		0.2	9.90	0	. 4	22	9	36	1.	-	8	\$62	9
RINGHAMION	× ×	244	OC.	Ľ	C	1 - 73	LC:	7	4		99	-	LC:	9	rt.	-
•	AL	887	950	0	10	95	) [~	0	74	7.	169	-	-	. 0	28	1 10
BLOOM INGTON-NORMA	IL:	0 (0	) LC	14	9 9	3,04	· 140		σ0	4	0	. 2	37	4	983	9
OISE CITY	10:	62	9.0	E.	86	4,92	S	80	$\vdash$	9	37	5	52	0	• 45	.0
BOSTON	MA:1	• 36	1,670	Ĉ.	84	951	9	.0	189	1.	649	9.	0	9	•43	4
BRIDGEPORT	E	284	0		<b>*21</b>	6,81	S '	9.	31		88	m I	950	9	984	e,
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SKOCK TON	ς > Σ +	ລຂ	102	8/	1,4680	4.907	760	7.50	16	15.0	30.0	68.0	19184	/ U • U	24519	1106
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S. A.O.		FIRMS:	STORES 3/	ANNUAL	EMPLOY	AMNUAL PAY- ROLL	SALES PER STORE	PAYROLL PER DOLLAR SALES	121"3"	3 1 3 E	ANNUAL	SALES SALES PERCENT OF SMSA TOTAL	EMPLO OTAL	YEES PERCENT OF SMSA TOTAL	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
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		1									•	-	- M	0	- F	143
BRYAN-COLLEGE STA	TX	81	74	32		2,469	4 4 5 4 6 7 7	8 0 0 9 R 5 3 7	114 114	11.5	214	38.2	3,905	36.9	1,875	8.56
BUFFALO	- C	144	159	04	74	3.74	30	2	18		S	9	40	6	948	<u>م</u> ا
CANTON	OH:	961	243	164	.88	996	19	.0	22	6	55	2	83	8	•51	•
CEDAR RAPIDS	IA:	62	77	-	933	6,25	92	.00	55		00 0 107 P	ů,	ወ ሾ	9 0	9 6 7 6	9 6
CHAMPAIGN-URBANA-	IL:	et l	5	ഗ	904	4,90	1,04	9 •	15	٠,	0 6	• 9	א כ	• •	88	S.
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CINCINNATI	OH:1	0.0	1,165	551	8951	6 9 88	4	- 1	305		784	, ,	51	. 0	449	α
	0H:1	. 172	1,467	938	976	0 6 6	C a	- 4	V LC	0 6	0 4	4 4	92	•	•21	4
COLORADO SPRINGS	 ပ	വ	116	200	9 1	400	0 0	9	א נג ר		16	10	4	8	914	9
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DALLAS-FT WORTH	TX:1	•57	2,310	1,169	02	522	20	9 0	279		4 4	ů ů	404	9 6	74	7.99
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FRIF	A	180	225	119	2	9,555	5 529	8.28	28	12.4	52	43.9	869	39.0	1986/	7.62
FIIGENE-SPRINGFIEL		0	202	109	1,60	• 31	53	.7	24	1.	51	.0	വ		216	**
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1.4:.20 - 330		,														

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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	!							YROLL	: ST	RES	ANNUA	SALES :	EMPL	YEES	1	< €
		FIRMS: 2/	STORES 3/	SALES	MPLO	N A C	SALES: PER: STORE:	PER DOLLAR SALES 5/	TOTAL:	PERCENT OF SMSA TOTAL		PERCENT: OF SMSA: TOTAL :	TOTAL	PERCENT: OF SMSA TOTAL	PER STORE	PER DOLLAR SALES
			e 0 1 1 1								MIL.				1,000	
	• • •	- NO.	1	DOL	*0N	1,000	- *700	PCT.	*0N	PCT.	- 100	PCT.	• 0N	PCT.	9	PCT.
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AYETTEVILLE		189	205	9	982	4 9 8 2 4	291	8.47	500	13.7	53	48°9	4 36 8 4 4	4 4	dr a	9 00
FAYETTEVILLE-SPRI		147	151	9 9	00 H	900	44	7.92	ប្ត		0 0	. 4 4	4 10	, '-	332	. 0
FITCHBUNG-LEUMINS		4 6	334	t v	49	101	77	8.27	3.0		118	5	-	4	•37	100
FL DRENCE	AL	259	230	4	64	3,01	21	7.10	12	2	N	1:	25	6	194	.2
FORT LAUDERDALE-H	F.	4	505	-	•20	<b>176</b>	82	8.37	87		290	9.	S	ů,	53	0.
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CADSDEN	× × ×	17.0	157	14	63	2.79	26	7	6		19	4	-	10	•10	9
GATNESVILLE		46	128	0.9	•05	935	46	4	36		37	1:	8	2	• 05	٦,
GALVESTON-TEXAS C	X	164	214	81	930	972	37	5	17		₽O	4	52	ċ	•10	9
ťΛ	Z	342	369	0	0	8,66	82	S	35	9.	109	2	វេ ា	0	•12	
GRAND RAPIDS	MI	256	271	328	,02	• 32	1,21	4.	27		2	7.	913	å.	\$24	S C
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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

-	PAY- ROLL PER OLLAR ALES	PCT.	7.88	10	.5	3	5	າດ	0	6.63	1.	æ «	. 0	. 13	0	-	1-	ا <u>۵</u>	9.79	2 9	4	4	in i	Ç	10	0.	4	3	្វ		200	, ,	
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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

FIGURE STANDAL STANDAL STALE PYROLLS STORES - ANNUAL STALES - STAL						LL FIR	S					FO	LARGE	T FI			
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PA: 822 845 289 4-519 22-339 342 8-67 83 9-8 153 53-0 2-457 54-4 19849 99-1 CT: 95 95 67 19068 5-722 706 8-87 10 10-5 38 56-9 607 56-8 3-817 7-9 14 14 14 14 14 14 14 14 14 14 14 14 14			356	526	8	•62	6 9 4 0	247	O.	89	. 9	4	8	949	4	124	5
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NE: 172 215 224 3,737 20,315 1,044 9,13 57 26.5 139 62.0 2,325 62.2 2,442 8.9 FL; 241 416 240 4,038 18,541 577 7.84 58 13.9 158 65.7 2,491 61.7 2,719 7.4    KY: 101 92 38 774 2,933 411 8,16 7 7.6 21 54.8 44.2 57.1 2,956 8.5    KY: 101 92 38 774 18,051 1,066 9.80 28 16.1 86 46.4 1,135 45.8 3,73 2,282 8.0    KY: 152 148 70 1,027 5,330 473 7.81 14 9.5 32 45.6 383 37.3 2,282 8.0    KY: 152 148 70 1,027 5,330 473 7.81 14 9.5 32 45.6 383 37.3 2,282 8.0    KY: 152 148 70 1,027 8,344 35.1 7.81 14 9.5 32 45.6 383 37.3 2,282 8.0    KY: 152 149 770 18,968 695 9,09 32 10.3 101 46.6 1,590 471 3,148 9.2    KY: 153 303 109 1,772 8,304 76 8.65 8.65 7.3 14 9.9 30 50.2 402 43.3 2,112 8.8    KY: 153 207 186,652 557 9.24 381 10.0 1,152 54.1 15,985 51.5 3,023 9.4    KY: 153 272 472 3,913 43.5 2,170 8.47 80 10.2 272 47.9 3,913 43.2 3,396 8.9    KY: 152 188 568 9,050 47,552 72 8.47 80 10.2 272 47.9 3,913 43.2 2,3356 8.9    KY: 153 272 47.8 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9 3.9	MA CITY		134	528	4	- 86	8.68	652	- 10	72	• •	ıN	2	122	6	•71	. 2
FL: 241 416 240 4,038 18,541 577 7.84 58 13.9 158 65.7 2,491 61.7 2,719 7.4  KY: 101 92 38 774 2,933 411 8.16 7 7.6 21 54.8 44.2 57.1 2,956 8.5  CA: 141 174 186 2,479 18,051 1,066 9.80 28 16.1 86 46.4 1,135 45.8 37.3 2,282 8.0  WV: 152 148 70 1,027 5,330 473 7.81 14 9.5 32 45.6 383 37.3 2,2282 8.0  WV: 152 148 70 1,027 5,330 473 7.81 14 9.5 32 45.6 383 37.3 2,282 8.0  WV: 152 148 70 1,027 5,330 473 7.81 14 9.5 32 45.6 383 37.3 2,282 8.0  VI.: 179 220 1 3,172 8,304 361 17.84 22 7.3 44 40.4 651 35.7 2,010 7.3  VA: 123 142 61 3,928 4,740 426 8.03 22 12.1 35.7 2,010 7.3  VA: 42 788 568 9,050 47,532 720 8.47 80 10.2 272 47.9 3,913 43.2 3,396 8.9  AT END OF TABLE.			172	215	N	•73	0,31	.04	_	57	9	m	o C	• 32	N	446	6
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SUNG-COLONI VA: 123 142 61 929 4,740 426 8.03 14 9.9 30 50.2 402 43.3 2,172 8.8 CLPHIA PA:3,441 3,826 2,131 31,043 186,652 557 9.24 381 10.0 1,152 54.1 15,985 51.5 3,023 9.4 CONTINUED	W		179	202	128	990	3 . 28	3 40	: 10	22.5	. 0	200	9	מו כ	1.	431	າເດ
CLPHIA PA:3,441 3,826 2,131 31,043 186,652 557 9,24 381 10.0 1,152 54.1 15,985 51.5 3,023 9.4 (	SURG-COLONI		123	142	61	92	4.74	O	0	14	6	30	0	0	9	•17	8
IX AZ: 422 788 568 9,050 47,532 720 8.47 80 10.2 272 47.9 3,913 43.2 3,396 8.9	CLPHIA	'n	441	•	913	1,04	86,65	10	N ·	- 60		9.1	4	5,98	-	• 02	4
EE FOOTNOTES AT END OF TABLE.	XIX	. Z	Q	788	268	• 05	7,53	C/I	eth-	80		272	<b>-</b>	•91	P/7	<b>\$</b> 39	6
EE FOOTNOTES AT END OF TABLE.	-	•															
	EE FOOTNOTES		0 F T	ABLE.												CONTIN	0

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

				2	L FIR	S			1		FOUL	R LARGES	T FIRMS			
A O M O		FIRMS:	STORES 3/	SALES	M PLOY	ANNUAL PAY- ROLL	SALES: PER STORE:	PAYROLL PER DOLLAR SALES 5/	STO TOTAL:		ANNUAL	SALES PERCENT OF SMSA TOTAL	EMPL	> 1 0 0	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
		ON		MIL	NO.	- 1,000	000-	PCT.	NO.	PCT.	MIL. DOL.	PCT.	NO.	PCT.	<b>1</b>	, ⊢
PINE BLIEF		α,	13	38	50	2,58	_	10	944	00	N :	60 1		55.7	1,837	7.53
PITTSBURGH			1,845	937	30	•13	0	0	221		406	e m	<b>.</b> 0 +	9 6	200	0 4
PITTSFIELD		63	09	4, 4	730	4 0 0 6 6	797	7.47	9 4	• •	0 K	50.1	903	• •	20	-
PORTLAND	Ψ	216	212	100 100 100 100	7 9	400	<b>┌</b>	r α0 • ू•	93		319	(N)	918	6	4	1,0
PORTLAND		130	157	· CV	• 78	9,53	9	8	. 39	4	6	'n.	4 (	D	4 6	<b>20</b> 4
	RI	473	625	$\infty$	•75	96	0	6.	67	•	225	å ;	989	• -	<b>₽</b> [	O M
	UT:	63	9	47	4	44	<b>C</b> 4	9	12	٠,	* Q	•	) 4	• _	9	9
PUEBLO	:00	63	100	₹.G	_	995	d.	N.	13	າ ດ	ם ר	9	-	4		
		đ	101	7	29	15	739	S.	14		40	1.		4	2 + 822	9.80
DAI FTCH-DIRHAM		500	282	21	25	5,89	365	æ	63	ô	136	9	dr (	6	415	20 0
PEADING	A C	256	264	12	96	. 42	465	.9	21	æ	2 2 2 3	ů,	∞ •	٠,	4 40	V S
RENOTE	N N	26	72		1,256	7,757	1,187	9.17	15	20.8	100	59.6	710		100	• =
RICHLAND-KINNEWIC		56	68	4	73	4911	688	6	<b>d</b>	•	7 6	• - u	7 6		100	Ack
RICHMOND		M	421	27	55	00	648	6.0	51	, c	123	o u	<b>5</b> 0	•	95	
RIVERSIDE-SAN BER			782	ro d	96	3968	507	φ <	9 6	• a	752	,	8	9	35	4
ROANOKE		218	234	101	Ω 4	0 4	900		o oc		22	9	വ	-	696	9
ROCHESTER			37	80 N	4	Ç	207	•	0	4						
	2	- 0	607	084	4	6.61	703	00	66	4	285	9	•03	54.8	24875	7.68
ROCHESIER	Z -	130	140	1 2	9	.31	901	0	20		9		4	•	919	9.0
SACE CAU		277	546	4 4	4	090	783	9.	61	1:	0	8	•26	e N	939	20 0
CACTERIO	X C	164	162	11	N	8,26	680	9	19	1:	64	8	<b>3</b> 0 (	Q	9 0	0 0
or crown	Z	88	90	4	Ø	947	517	9	_		19		10 C	0 k	- 1	0
ST JOSEPH	¥0.	72	72	4	64	4064	518	လူ၊	13	.e 00 (	200	• •	1 2	, ,	7.4	6
1 10	MO:1	CU	1,461	1,04	S	942	714	•	180		CR	9 M	י ע י	7	8 6	10.0
LEM	OR:	120	154	92,	19445	89867	726	000.0	14	0.6	4.40	47.4	663	8	983	6.6
SALINAS-SEASIDE-M		9+1	907	6 1 1	D	4		•	)		,		6	· ·	n	0
CALT JAKE CITY-OR		241	373	31	98	7957	83	9	73	13	184		7	n d	# C	
ANGFL	×	73	93	'n	29	2 4 9 2	38	4	10	10	21	άι	20 0	4 1	9 0 0	7.4
	X	809	1.037	35	21	6,61	34	.7	136	13	197	ů n	T I	7	- 0	- 0
	CA:	587		60	12	4,84	77	9.5	104	133	333	å,	900	$\circ$	2 4	10.1
SAN FRANCISCO-OAK	S		2,203	1,58	3	• 28	71	텧	217	ים,	7 42	ة د	- P	V O	1 -	
JOSE	CA	418	627	57	22	7,23	91	0.0	dr (	7	202	ָ סכ	0	١ ٩	1 1 2	9 6
SANTA BARBARA-SAN	Ç	119	152	12	61	1,77	80	201	200	N C	0 0	3 0	- a	- 4	8	11.1
CRUZ	CA	102		77	871	7,723	727	10.23	10	10.4	0 10	51.7	734	48.6	3,415	10.0
SANTA ROSA	CA.	9	182	12	2	0	0	•	1		•	,				
	•														FINITALIE	NIFD
SEE FOOTNOTES	AT	END OF 1	TABLE.													3

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	•				FIR	S			••		FOU	LAR	ST FIRM			
	i L.	IRMS:	STORES 3/	ANNUALE	#PLOY EES	ANNUAL PAY-	SALES PER STORE	PAYROLL PER DOLLAR SALES 5/	STO TOTAL:	RES PERCENT OF SMSA TOTAL	ANNUAL	SALES SALES PERCENT OF SMSA TOTAL	EMPL	YEES PERCENT OF SMSA TOTAL	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
		oN I	1 = 1 5	MIL. DOL.	.0	1,000	- • TO C	PCT.	NO.	PCT.	MIL. DOL.	C T •	• 0N	PCT.	1,00	PCT
SARASOTA	FL:	62	66	8	28	• 36	820	00	18		59		163		930	S
		224	233	4 20	000	6969	<b>σ</b> 4	4 U	13	ů,	33.9	លំ ខ	25	4	01	9
SHERMAN-DENISON	XX	166	121	35	536	2,541	290	7.70	19	15.7	202	57.7	281	50.00	1.064	0 0 0
		401	448	SJ.	35	941	M	9	81	8	69	2	0	-	85	9.
		83	88	S	85	4.10	~	-	14	5	23	5	40	8	994	• 6
		45	ខ្មា	M	70	2,97	₩.	9	16	6	31	6	20	9	<b>*</b> 94	-
	. N	146	155	119	n r	914	- 4	9	- L 2	9 0	56		75	e o	<b>60 4</b>	9
	ec e	Ω	117	7	000	29062	+	?	22	•	80	ů.	776		# C #	
	::	98	104	83	944	,21	9	00	16	S.	46	S.	0	φ	88	0.
	 O.W	66	141	78	+0+	.49	S	5	25	7	46	8	M	-	982	9.
INGFIELD		130	143	78	1,297	6,445	545	8.41	26	18.2	34	44.2		39.6	1,323	8.48
CHICO	MA:	~	317	-	964	0,17	9	-	37	1.	66	7.	S	2	194	-
1F ORD		S	146	S	,10	974	S	-	24	9	54	9	96	5	•26	0
VILLE-WEIR		186	180	72	•24	5,42	0	.8	10	ů.	31	54	S	1.	911	00
		0	233	N.	•70	664	S	• 6	21		4	4	54	5	• 0 7	M)
YRACUSE		-	473	0	,12	60 69	വ	9	46	6	92	9	0	9	00 4	6
TACOMA	Y.	181	226	S	•20	3,76	00	0	35		16	6	• 0.5	8	•16	4
SSEE		100	137		4	35	~ ~	9	ic.	10	41	0	-	10	619	9
TERSBU		580 1	1,039	582	9,944	45,210	561	7.87	130	12.5	370	63.5	5,787	58.2	2,844	7.31
AUTE		179	163	~	22	<b>930</b>	9	9.	10	9	42	9	63	1.	•21	. 4
NA		222	218	2	84	3,48	4	50	14	• 9	N	1.	30	9	• 52	4
	:H0	415	206	S	51	942	0	9.	90		196	2°	N)	9	+17	ູນ
		104	115	-	37	6,35	9		19	9	27	ນ	43	=	943	8.0
z		208	218	S	0.4	9 7 ¢	g	6	26	1.	16	°	83	ŝ	993	•1
NOS		198	340	Ġ.	27	5,28	8	-	103	0	91	S	N	9	88	•1
TULSA		375	516	-	26	5 4 6 5	CV.	5	22	1.	143	5	• 0 •	æ	0	9
TUSCALOOSA		173	185	4	-	-87	- 60	- [	18	•	ហ	N.	-	0	9.05	90
		113	106	9	1 4	4 4	1	-	16	, ,	) F	, ,	1	) M	0 0	9
-ROMF		273	100	H M	2.	1.666	- LC	- 6	1 K	9 4	. R.	- 6	- ۵	, -	1 C	
		117	 	, -	1 10	9 6	) M	1	1 6	-	50.00	6	ıv	1	10	α
INELAND-MILLVILL		135	137	9	06	5 . 52	00	9	12	00	41	8	9	4	44	1
		184	220	-	•19	• 12	N	ູ	3.9	7.	44	1:	9	ູດ	•13	N
INGTON	. U	56	1,343	1,367	20,610	140,347	1,018	10,037	305	22.7	1,043	76.3	14,901	72.3	3,420	10.37
		0	20	6	1,54	7,37	48	00	13	9	4	9	72	9	954	5
RLOO-CEDAR FA			-	56	97	96	8	6	13		37	ιΩ •	-	9	•81	r.
	••															

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

				ALL FIRMS	48					FOUR	FOUR LARGEST	FIRMS	1 1 6		
					1	-	1 **	STORES		ANNUAL SALES	SALES:	EMPLOYEES	EES	** **	PAY-
SASA	FIRMS 2/	FIRMS: STORES:ANNU 2/ 3/ :SALE	SANNUALE	UAL:EMPLOY-: ES : EES :	ANNUAL PAY-	SALES : PER :D STORE :		PERCEN TOTAL: OF SMS 37: TOTAL	1 ⊢ ≪		*PERCENT: OF SMSA:TOTAL: TOTAL:		:PERCENT: PER :OF SMSA:STORE : TOTAL : 4/		PER DOLLAR SALES
		TIW TOO	MIL	0 N	1,000	DOC	PCT.	0 2	PCT.	MIL. DOL.	PCT.	0 0 0	PCT.	1.066 BOL.	PCT.
				1	10.06		8.22	4	12.2	151	64.7	2,461	62.3	3,431	7.88
M BEACH-B	199	360	233	1,284	6,843	420	8.06	16	7.7	04	46.1	45.0	36.1	1.613	8.15
WHEELING WV		205	163	2,879	13,745		8 51	4 6	20.0	9 K	14 c	371	0 0 0 0 0 0 0	19447	8.06
FALLS		123	9 6	636	3,522		4.00	12	10,1	9 00	73.7	496	72.4	1,989	8.07
	. 78	86	51	685	3,625		100		15.2	161	63.9	2,111	56.0	2,926	10.07
	CV	363	252	3,772	239858		7.60	0 -	0	1 (N)	52.3	498	52.4	1,724	7.67
WILMINGTON NC:		194	63	951	70744		0 0	22	9.8	58	32.9	1,016	29.8	2,624	8 2 2 9
JORCESTER MA:	197	123	175	1,073	69269		8 5 5	16	13.0	3.4	44.6	443	41.3	2,116	20
TAKLAA		1			=			ć	0	. 61	44.4	941	39.0	2,905	7.99
YORK		267	137	2,413	10,916	521 521	9.48	N 60	. u	72	32.1	1,233	30.0	3,122	10.61
YOUNGSTOWN-WARREN OH	268	427	۲ م	4			3			į	6	8	45.5	2,605	90.6
OBTHOUGH - MARK	1	8	!	1	1		9.03	1 6	11.00	100	1000	1.884	48.1	2,609	8.61
MEAN. UNWEIGHTED	364	430	261	4,141	22,983	607	8 . 5 C	72	5.9	210	10.9	3,084	11.3	945	1.01
STANDARD DEVIATION:		717	459	7,245	439 / 64		• 0 •	4							
							Ź	NUMBER							
	• ••	,		200	7.70	263	263	263	263	263	263	263	263	263	263
NUMBER OF SMSA*S	263	263	263	203	2						1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

1/ •D• 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 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

				All firms							Four largest firms	est firms			
						: Sales	: :Payroll	Sto	Stores	Annua1	sales	Emp]	oyees	: Sales	:Payroll
E 277	Firms :	Stores 2/	: Annual : sales :	: ees	: Annual :payroll	: per : store : 3/	dollar sales 4/:	Total 2/	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total		per dollar sales
						SMSA	SMSA's with 1 mi	million or	more population	ulation					
	No.	1	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted :: Mean, unweighted :: Standard deviation ::	1,377	1,659	1,125	17,503	 104,102 83,271	678 725 185	9.47	 189 120	11.4 12.9 4.3	544 359	48.3 50.7 10.3	7,761	44.3 46.1 10.8	2,882 2,942 734	9.51 9.38 .85
Number of SMSA's	34	34	34	34	34	34	34	Number 34	34	34	34	34	34	34	34
						SMSA's	SMSA's with 300,000	66 - 000	- 999,999 population	ulation					
	No.		Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted  Mean, unweighted  Standard deviation:	366 189	439	246 94	4,014 1,580	20,369	560 613 203	8.52	51 27	11.7 12.4 5.3	122 56	49.5 48.9 10.3	1,821	45.4 44.7 10.6	2,364 2,588 996	8.54 8.59
Number of SMSA's	92	76	76	92	16	76	92	Number 76	76	76	92	76	92	9/	92
						SMSA's	with 150,000	000 - 299	9,999 population	lation					
	- No.	1 1	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation:	177 83	197 81	101 24	1,631	8,317	514 583 221	8.44 8.41	23	11.4 13.1 6.8	53 17	52.4 52.5 11.2	787	48.2 48.5 11.9	2,354 2,506 782	8.56 8.55 1.05
Number of SMSA's	76	9/	92	76	92	76	76	Number 76	92	92	92	76	92	76	76
						SMSA's	with less	than	150,000 population	lation					
	- No.	= 1 1	M41. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	M11. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	98	108	53 14	844	4,221	491 574 249	8.24 8.21	13	12.4 13.5 6.0	30	55.9 56.3 10.4	436	51.6 51.9 10.3	2,212 2,584 1,086	8.41 8.37 .98
Number of SMSA's	77	77	77	77	77	77	77	Number 77	77	77	77	77	77	77	77

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

				All firms							Four largest	est firms			
						Sales	. Payroll	Sto	Stores	Annual	l sales	Emp]	Employees		: Payroll
Item	Firms $\underline{1}/$	Stores: 2/	: Annual : sales	Employ- ees	Annual :	per store	per dollar sales 4/:	Total $\frac{2}{}$	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	store $\frac{3}{4}$	per dollar sales
						SMS	SMSA's in the		Northeastern region	lon					
	- No.	. o. 1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Hean, weighted : Hean, unweighted : Standard deviation :	507	561 1,169	333 628	5,578 10,524	28,913 57,628	594 636 164	8.99	 56 90	10.0 11.4 3.4	149	44.9 50.5 10.1	2,372	42.5 48.4 10.7	2,668 2,914 944	9.06 8.70 .91
Number of SMSA's	56	56	56	99	99	99	99	Number 56	56	99	26	26	99	99	26
						SMS	SMSA's in the	North	Central reg	region					
	1	- No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	302	350	252 461	4,032	22,881 44,752	719 746 186	9.24 8.75 .65	49	13.9 15.5 6.6	130 250	51.8 53.7 11.7	1,902	47.2 48.3 12.2	2,685 2,843 1,065	9.39 8.97 .76
Number of SMSA's	69	69	69	69	69	69	69	Number 69	69	69	69	69	69	69	69
••							SMSA's in	the Southern	nern region	el					
•• ••	1	No. 1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	342	415 411	193	3,115	15,646 22,050	465 426 141	8.38 7.94 .62	45 51	10.9 11.2 5.1	103	53.5 52.3 10.9	1,526 2,120	49.0 48.1 11.3	2,270 2,153 658	8.40 7.91
Number of SMSA's	86	98	98	98	98	98	86	Number 98	98	98	96	98	98	86	86
						1	SMSA's in	the Western	ern region						
	- No.	No. 1	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	319 475	421 598	345 563	4,833	32,837 56,542	819 773 213	9.67 9.30 .73	53	12.7 15.1 6.8	164	47.7 52.6 10.7	2,051	42.4 47.4 10.5	3,085 2,894 900	9.62 9.62 .75
Number of SMSA's	07	40	07	40	70	40	40	Number 40	40	70	40	40	40	40	07
See footnotes at end of table.	: d of tab	le.												S	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, SNSA summaries by population, region and four-firm concentration ratio, 1972--Continued

				All firms	Į,						Four largest	gest firms	en en		
						: Sales	: :Payroll	Sto	Stores	Annual	l sales	Етр	Employees	: Sales	: :Payroll
Ltem	Firms 1/	Stores: $\frac{2}{}$	: Annual : sales :	Employ-	Annual :payroll	per store		Total $\frac{2}{2}$	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	per store	: per : dollar : sales
				SMS	SMSA's with	1972	four-firm con	concentration	ratios	оf 60 рет	percent or o	over			
		. o.	Mil. dol.	No.	- 1,000	1,000 dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	163 170	21.5 250	 148 206	2,354	12,647 19,936	685 701 260	8.72 8.43 .81	36	16.8 18.1 6.6	101 152	68.4 67.2 5.2	1,514 2,233	64.3 62.7 6.4	2,795 2,772 1,101	8.69 8.43 1.01
Number of SMSA's	. 64	79	79	99	99	79	99	Number 64	99	99	99	79	79	99	99
	•• ••			SMS	SMSA's with	1972 four	1972 four-firm concentration	centration	ratios	of 50 - 5	59.99 percent	ent			
	No.	No.	Mil. dol.	No.	- 1,000	1,000 dol	Pct.	No.	Pct.	Mil.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	359	421	252 429	4,026	22,119 41,589	598 602 200	9.04 8.51	55	13.0 12.9 4.5	139	55.0 54.7 2.7	2,065	51.3 50.3 5.0	2,533 2,697 1,004	9.19 8.66 1.01
Number of SMSA's	82	82	82	82	82	82	82	Number 82	82	82	82	82	82	82	82
				SMS	SMSA's with	1972 four	four-firm concentration	centration	ratios	of 40 - 4	49.99 percent	ent			
	: No.	1 .0	Mil. dol.	No.	- 1,000	dol.	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	396	466	283	4,384	24,694	606 563 207	8.96 8.51 .85	50	10.8 10.8 4.3	 130 178	46.0 45.0 2.7	1,816	41.4 40.6 4.1	2,581 2,480 803	9.04 8.65 1.02
Number of SMSA's		93	93	93	93	93	93	Number 93	93	93	693	93	93	93	66
				SMS	SMSA's with	1972 four	four-firm concentration	entration	ratios	less than	40 percent	비			
	No.		Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	786	891 1,649	514	8,354 15,821	46,872	577 546 200	9.38 8.59	 66 113	7.4 8.1 3.4	172 325	33.5	2,521	30.2 30.7 5.0	2,603 2,374 652	9.32
Number of SMSA's	. 24	24	24	24	24	24	24	Number 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 DOLL'AR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA\*S, 1972 1/

		1	ALL S	ALL SUPERMAR	KETS	TEL TIMES		LAKGE.	L	P   P	OUR LARGE	EST SUPE	RMARKET	FIRMS 2		
		FIRMS X	ES -	ANNUAL	2 E	ANNUAL PAY- ROLL	SALES PER STORE	LL:	STOR TOTAL:		ANNUAL	SALES ERCENT F SMSA TOTAL	EMPLO	EES ERCENT F SMSA TOTAL	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
		N N		M O		- 1,000	0.	PcT.		c.T.	MIL. DOL.	PCT.	0 0 0	PCT.	1 , 00 DOL	PCT.
AB ILENE	×		14		3	2,11	88	0.	11	· .			6			ł
AKRON	0 H :	in in in	95		3,593	3,15	• 48	7.17	4 4	- 6		67.9	2,295	70.5	2 0	7.43
ALBANY-SCHENECTAD	×	36	121		• • • •	13	31	N I	74	e	0 1	2	O I	8	956	
ALBUQUERQUE ALFXANDRIA	Σ A	ъ .	8		9 4 2	4 4 2	• 58 • 42	9	4 14 m		0 4	0 °	919	•	950	? 0
ALLENTOWN-BETHLEH	PA:	32	69	2	3,486	19,564	988		42	0	60	o c		0	957	
ALTOONA AMARILLO	P.X.	10	21	36.5* 56.9	789	0 4,192	1,736*	7.36	17	63.0	2.6	4.9	586	74.3	2,507	7.3
AT MADE THE CAMPA			200	6.683	- M	4	a	0	40	-	ď	0	7.719	4	4.0	IV.
ANADE LE CAN DA ANA	A K	0 -	V -	מע מ	77	7.14	0 0	2 1	1 0	4 60	1 LC 1 M C	80.8	26	72.9	5.35	10.89
ANDERSON	Z	10	19	52.3	768	4 • 4 6 8	2,752	8.55	13	68.4	)	)	0	ı		
NN ARBOR	WI:		34	115.8*			940		21	1.	9		-		110	
PPLETON			74	84 e 1	1,358	7,525	979	8.91	13 7	- 0	29.3	34.6	4 9 9 0	32.8	2,250	9 0
ATLANTA	2 V		240	- 4	0.2	- 25	.054	2	182	9 6	16.0	4 · •	5,143	73.2	093	8.1
ATLANTIC CITY	N N	10	. N	70.8	93	7,09	•72	10.02	-	(N)	5.R .	Š			0.0	
UGUSTA	GA:			74.4	C/J	917	•12	9	23	in.	0	0	0	a	۵	٥
AUSTIN			49		• 10	•14	9 4 3	9	33	7.	-	9			• 76	100
BAKERSFIELD	CA:		4		1,17	9,19	•23	9.3	N	4 •	60.1	1.0	65	ນ	<b>\$503</b>	9.6
BALTIMORE	MO		234		M 1	932	111	N	136	÷ :	8 ° 6	100	0	0 (	+813	
BATON ROUGE	LA	0 0	4 6		668	99903	120	0.0	40 6	90	9 L	0 0	2 6	- c	900	
AY CITY	W		14	0 0	r	N U	.09	•	11	0 00	7	9.0	9	0 0	•389	8.1
BEAUMONT-PORT ART	TX:	23	37	104.2	1,485	8,223	2,817	7.89	18	48.6	59.5	56.8	771	51.9	3,286	8.05
ILLINGS	MT:		14		40	965	914	္မ	10	1.	-	5	g)	ŝ	•16	2
BILOXI-GULFPORT	E N	80	27		0		694		21	-	4	D.	۵	٥	9 6 5	٥
BINGHAMTON	NY:	25	62	18.	65	9,26	9.91	7.80	27	3.	Q	۵	٥	Q	0	
IRMINGHAM	AL:		113	-	•80	•16	,221	0	19	9		۵	۵	٥		
BLOOM INGTON-NORMA	급	- 1	0 1	~ .	ا ۵	Ω (	969	۵ ۵	- !		; .		0	0 0	# 09	
BOISE CITY	101		- p	9 40	0	40.0	1046	7	110	٥٥	0 0	7 00	4 4	57.4	407	4
BRIDGERORT	CT:	1 8		159.3	2.50	13,875	338	8.71	າ ເປ	• •	0 0	o in	2		• 02	
BRISTOL	CT:		11	26.			944		വ	2	7.	3.7	3.0		.45	7.6
OCKTON	MA:	10	21	62.2	1,315	5,850	2,962	9.40	13	61.9	5008	81.7		83.0	3,909	6
BROWNSVILLE-HARLI	×		23	48.7	• 0 3	9 6 8	,11	U		9	00	<b>8</b>	2	a	986	

TABLE 25--SUPERMARKETS: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL PER

2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-		DOLLAR ALL S	OF SA	LES FOR	ALL FIRMS	AND FOU	R LARGE	SI FIR		A S 197	Z 1/=-CU	RMARKET	FIRMS	2/	
	<u>.</u>			1 **	-			AYROLL	STO	RES	1 <	SALES:	EMPLO	YEES		PAY
SMSA		IRMS 3/	10R	SA	EMPLOY-:	ANNUAL PAY- ROLL 5/		PEROLLA	TOTAL:	I WILL I	TOTAL	IUSFI	TOTAL	PERCENT OF SMSA TOTAL	SALES PER STORE 6/	ROLL PER DOLLAR SALES
6 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				MILLS		1,000	DOL	PCT.	00 2			i ⊢	• 0X	<u>⊢</u>	1,000 DOL.	
LE CTA		4					2.56			- /	٥		٥		Ω	۵
2 2	×.×	7.0			7,653	35,317	\$620	8.48	76		190 • 4	LO :		44.4	5	
	 20 10 10 10 10 10 10 10 10 10 10 10 10 10		19		5	47	470	9	C 4	9 (9	ر ا ا	72°8	369 803	39 0	# 96 • 94	9.78
	1 A 1	D 49	* 0		2 0	5.57	55	0.0	21		6.8	2.7	•	•	4706	•
ANA-	11:	10	19		82	117	954	9.	13	8	7 .	8	۵	۱۵	•912	* 1
	SC:	27	4 5		• 75	952	937	0 0	12	9 6	8 4	6.1	06	06	9218	
CHARLESTON CHARLOTTE-GASTONI	N 2	19	8 6	188.3	2,949	14,945	2,191	7.94	6.2	72.1		5.0	1,682	57.0	990	7.7
1	••						,					٠,	,		1	•
CHATTANDOGA	 N	27	6.8	145.	2,28	10,90	•14	1.04	<b>19</b>	÷,	82.4	56.6	191/4	510	29334	00.
CHICAGO	IL:	229	857	o I	0	,78	4 88	9	525		10	ċ	<b>-</b>	<b>5</b> 6	197	⊃ c
CINCINNATI	 Ho	37	142		110	4444	2/6		2 0		•	9 0	0	ш	000	0
	.HO	75	257		936	6640	978		φ,	0 0	4 .	•	NM	, d	477	9 6
COLORADO SPRINGS	00	D 6	5 6	000	1,085	7,940	39096	0.00 0.00 0.00		35.7	15.7	53.9	0 0 0	48.6	3.142	9.61
COLUMBIA	) (E	7 .	† C	•	O 4	0 0			, ,	) (	9 0	0	-	3	. 880	
COLUMBIA	פי מי	1 7 1	r a	0 40	1 6	652	490	2 00	14				0	٥		
COLUMBUS	 5	4 4	147		10	448	943	00	7.0	7.	236.4	66.1	3,213	63.9	3+377	8 • 75
6	· · ·	4	0	, i	0	- 63	M.	4	. c	L.	6	oc.	0	0	•782	*
CORPOS CHRISTI	< >	<u>- 1</u>	0 0	. (	<b>σ</b>	1 6	0.07	10	241		9.0	2	143	1.	•19	4
	CT:	12	17		88	4,61	3.5	1			37.	67.0	60	68.4	4.741	7.90
DAVENPORT-ROCK IS	IA:	12	44		995	0,71	96	2	33	5	9	1.	S	6	,21	7
	: HO	51	124		ø	• 76	•43	.8	63	•	52.	0	•19	ů.	• 45	9
DAYTONA BEACH	FL:	6	31		908	• 26	947	00 (	27	-	□ •	0 1	ه د	<b>=</b> 0	D 4 4	
- 1	17:	- 20	4 1	(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)		39867	3,0096	0.00 0.00 0.00 0.00 0.00	111	79.4	2 0	90.5		o c	4 4 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5	<u>م</u> د *
DENVER-BOOLDER		2 12	7		- 1	9 4	200		28	1	9.1		1.902	80.0	•89	96.6
UES MUINES	ط د •••	c T	r	•	2	1 1 2	2		3					,		
DETROIT	M	104	500	9	0	952	•29	8	227	ດໍ	1,029.1*		ο.	٥	4 500	* *
DUBUQUE	IA:			30.	4	+27	• 75	7.5	9	5	7.0	9.8	۵	0	949	
DULUTH-SUPERIOR	N N	17	30	9	~	<b>•</b> 35	•11	9	16	9			- 1	ı,		4
EL PASO	TX:	13	38	9	•05	46	•27		53	9	68.1	78.8	759	74.0	29549	7.40
ELMIRA	NY:	6	18	2	00	• 02	•091	0	11	1,	e N	9	9	ů	404	,
	PA:		33	9		٥	• 32	۵	17	-			- 1	2 6		4
EUGENE-SPRINGFIEL	0R:	19	41	1.7			466	•	24	ů.		ດໍ່ ດ	634	P	912	700
EVANSVILLE	IN:	28	33	94.5	19477	7,617	2,487	8,06	£1 6	34.	49.2	52.1		4.5.6 0.0	39 / 85	
FALL RIVER	MA	5	18	8	σ	•71	•89	0	12	9		2	2	2	0 1 0	
	••															

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

2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			ALL	SUPERMA	RKETS	0 0 0 1 1		1 1 1 1 1		1 14.	UR L	EST SUPE	RMARKET	IRMS	2/	
200		! ···		† 				PAYROLL	STO	RES	ANNC	SALES	EMPL	YEES		PAY-
	<u>ι.</u>	FIRMS:	M S	ANNUAL: SALES:	EMPLOY-: EES :	ANNUAL PAY- ROLL 5/	SALES PER STORE 6/	PER DOLLAR SALES	TOTAL	PERCENT OF SMSA TOTAL	TOTAL	PER OF	OTAL	PERCENT OF SMSA TOTAL	SALES PER STORE 6/	PER POLL SALE
		1 1 1 1 1	8 8 9 9	E W			1 1 1 2 2 4 6		1	 	1 -	1			1 0	
		- NO	l L	POT.	*0N	- 1,000	- *700	PCT.	• 0N	PCT.	DOL.	PCT.	NO.	PCT.	DOL	PCT.
FARGO-MOORHEAD		13			671	3,376	2,33	9.0	11		26.3	70.	447	9.99	2,393	9.2
	NC:	7				,	2,30		11		Q		0	٥		
FAYETTEVILLE-SPRI	 Y Y	15	21	4 th 0 th 0 th	621	3,651	2 158	8.06	10 10 10	47.6	-	ď	15.A	0 *	P	٢
FLINT	· · ·	30			2 ~	55	2.71	8 5	) 4F		117.9*	57.	3	0	3.468	
FLORENCE	AL:	89	-				1,92		6		0	77.8	257	۵ ۵	•16	7.7
RT LA	FL:	17					3,25		8		9	85	۵	O	941	
FT MYERS	FL:			52°9	60 I	3,937	2964	7.4	12		4	83.3	- ,	1	993	,
- TEO	× •	72			-	9 3 I	1993		14		00	6/9	467	66.1	9.05	8.1
FT WAYNE	 Z	22			•21	1.7	2.60	8.9	27		86 • 3*	999	0	۵	•198	
FRESNO	CA:	35			0	7.6	2,16	9.9	23		53.3*	41.	0	۵	31	
GADSDEN	AL:	11	14	27.5	416	1,995	1,9	-	7	50.0	O		0	٥		0
GAINESVILLE	F.:	6			00	0	2,69	7.1	11		36.8	85.	573	84.1	934	6.87
ALVESTON-TEXA	: X =	17					1977	2	16		m,	57	۵	٥	•17	
GARY-HAMMOND-EAST	2	3.9			119	25,545	3,24	9.7	30		105.1*	G			•502	
SKAND KAPIUS		32			9	1 9 0	4985	7.04	27		CA C	6/	3,132	75.2	4 0	7.2
					5	4	11.02	u	16			9 0	dt-	2 6	9286	10.0
		4 4			100	r	T d D T	0	77		4C = 24	9	_	5	1 0 6	
GREENSBORO-WINSTO	NC:	29	111	208.1	-	50	1,87	ь.	59	34	0	53.4	0	0	* 882	
GREENVILLE-SPARTA	: 20:	12	4		9	2 9 2	2,31	-	59	6	47.0	85	٥	Ω	44	
HAMILTON-MIDDLETO		13	30		וס	2.8	2933	<u>د</u> د	19	e M	د	1.7	0	ا ۵	• 648	
	« »	7 0	9 6		9	100	2435	V <	- 6	4 4	9 0		<u> </u>	<u> </u>	1 0	
HONDEUT		0 00	704	227.5	3.077	18,795	V PC	8.26	- 12	7.05	150.57	- ۵	1.728	52.7		7.92
HOUSTON		121	294		5	4 . 4	2,52	9	141		71.			1	9	
HUNTINGTON-ASPLAN		30	4		4	7.92	2,09	8	12	7.		2	508	35.2	2	7.34
HUNTSVILLE	AL:	14	36		Ç	E.	2,04	5.	25	6		ô	٥	۵	9.1	
INDIANAPOLIS	I	42	167	396.6	-	00	• 37	2	96	- 4	et et	-	2.923	52.1	9.60	9.56
	. I M	6	17	51.8	99	4.57	• 0 •	00	12		40.		1	1	3 4 3 9 5 4	)
	MS:	11	34	83.2	111	906	944	10	25	, M		۵	٥	٥	Ω	
JACKSONVILLE	F.:	11	11	186.5	968	•58	942	N •	59	9	153.8	82.5	2,153	80.2	960	7.01
	72	89	51	9	941	4+30	987	-	56	•	5	58	۵	٥	29	
OHNSTORN	٠	12	3 2	62.3	1,000	5,688	984	9'e13	24	0	9	74.	٥	0	931	
KALAMAZOO-PORTAGE	M I I	12	, c	711102	P 65 9	449	985	8 e	25	0 ch h	40	o	4	ш	6	-
NOSHA		2 @	14	36.14	n •	7977	2.575*			6403	79792	73.7	29647	0 0 0 0	24020	0/001
		,	•	)	3	)	2	3	•	-		9	9	2	200	0

CONTIN ED--

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

	ļ			SUPERMA	RKETS	t 1 3 3		\$ 1 1	1		R LARG	ST SUPE	ARKE	FIRMS	2/	
	i			1			4	ROLL	STO	ES	ANNUAL	SALES	EMP	EES		4
		IRMS:	STOR 4/	SALES	EMPLOY-:	PAY- ROLL 5/	ALES: PER:D TORE:	PER OLLAR SALES	TOTAL:	PERCENT OF SMSA TOTAL	! !	CENT		PERCENT OF SMSA TOTAL	STORE	PER DOLLAR SALES
									Ţ		MIL				0.0	
	• • • •	- NO	1	DOL.	*0N	- 1,000	DOL	PCT.	• 0N	PCT.	DOL.	PCT.	• 0N	PCT.	DOL.	PCT.
TLLFFN-TEMPL	×	11	20	50	0	943	978	8	13	10		-			986	
INGSPOR	N	17	30	58.5	943	4.377	1,983	7.36	15	50.0	33.8	56.8	577	61.2	2,251	7.99
KNOXVILLE	IN:	21	64	3.1	M	(A)	923	31	43			9 0	- 5	٥ د	4184	7.0
LA CROSSE		6	10	3.7	0 0	0 0	95/1	ם ב	<b>\$</b> 0	5 -		0 0	2 0	ء د	0 10	. "
-	LA	æ r	1 5	0 0	0 0	0 0	100	o C	or	1 (0		. 0	508	۵	9 92	100
LAFAIETIETEST LA		- 0	18	9	α0	. 94	999	15	12	9		M		٥	,211	
LAKEL AND-EINTER H		, 11	7	2	1.381	69898	937	7.85	29	80	- 6	5	1,175	85.1	9096	7.6
	. Q.	17	35	9			,17	٥	22	8		60	٥	۵	• 526	۵ *
-			4	0	40	a C	7.0	2.47	17	7	9	6	d	0	471	4
LANSING-EAS! LANS	T L	ויס		4 .	0		4 4 4 4 4					0 0	0	<i>-</i>	1.	9
LAREDC	×		2 1	20 4	0		100	4			• ·	9 6	1.313	78.0	53	9.71
LAS VEGAS	2 2	2 -	200		1.700	2 4	550	A 0 0 0	1.6	. u	0 00	7 . 8	2		\$300	
LAWKENCE-HAVERHAL	A		7	4 0 0	- 0	9 M	1 5				6.7	200	<i>C</i>		.861	
LAWION	N N	9 4	1 -	,	2	7	•615		000	80.0	23.9*	91.3*	0	٥	984	*
LEWIS-ON-ADPONIA	 	9 6	7 6		9 6	C .	100	C		8	2.7	2.1	۵	۵	\$507	
LEXINGION	. HU	1:	2 0	) M	80.5	4 . 745	.090	8.73	18	6	3.0	9.1	9	9.69	• 38	o
LINCOLN	Z Z	17	27	150°00*			· va			5	9	5	919		# 43	5
	••				1			1						c	. 26.3	
LITTLE ROCK-NORTH	AR:	14	20	-	1,387	8,149	2,042	7.98	60	0.87	147 G+	× + 0 0 0	ם כ	ے د	3.727	. *
-A SB	200	610	19		<b>-</b>		940	2 6	14		47.0	0 0	641	0 0	-360	9.4
100 ANCELERIA	. 40	2 4	2	9 0	A A	4.42	.109	4	286		67.0	104		۵	.081	
LOUTSVILLE	KY	M 6	112	271	3,61	21,05	942	7.7	8		9	9	O	۵	•580	*
LOWELL	¥	_	-	ė			945		10		3.0	9.4			9300	
LUBBOCK	TX:	6	30		-	948	906	N	22		5		827	85.1	•37	7.03
LYNCHBURG	V A :		19	0	CV.	98	•14	.3	12		۵		۵	٥	٥	
MACON	GA:	11	29		966	9.33	,12	8	21		48.7*	79.	٥	0	24320	k D
		c	H		T,	77	6 7	9	17		-	4	- 9	L)	55	7.
MADISON		) r	0 0	•		- 1-	707	y K	- 0		) ic		393	459	•13	8.02
MANCHESIER		D C	7 6	9 4	ם ער	- a	0	2 0	o en		9 60	o O			•752	
MANOR IELO		2 0	1 4	. 0	) M		100	0	10		- 4	10	421	78.1	945	6.27
ME BOLIONE TARRELL	· ·		37	, ,	0 0	4 6	37	10	33		, c			۵	•438	*
MEMBETS	N N	ט ני	6	. N	74	.17	49	S	35			-	2,132	56.9	•29	8.2
MERIDEN	CT	, m	ນ	19.	34	1969	164	• 6			16.	5.2	O	0	•17	
A I AM I	FL	33	187	495.7	8,253	42,408	2,651	8.55	149	79.7	421.1*	85.0*	۵	ه ۵	2,826	* 1
MIDLAND	TX:	ហ	<b>4</b> 0	7	-	934	•24	5	7		9	3.6	0	۵	<b>4</b> 39	
	••															

TABLE

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FOOTNOTES AT

SEE

PAY-ROLL PER DOLLAR SALES 7.45 7.95 7.39 9.24 D 8.27 9.89 8.53 8 • 55 9 8 • 85 55 8 • 92 90 PCT. 1,9547 3,9443\* 5,088 6,398 4,190\* 5,063\* 3,796\* 4,145\* 1,891\* 2,660 2,660\* 2,782\* 2,956 3,074 2,555 3,566 2,195 2,115 3,796\* 4.360\* 1,000 DOL. 3,132 2,906 \* 2,169 2,730\* 2,234\* 2,116 2,700 ٥ ۵ 2,688 3,510 3,191°3 2,172 /9: NUMBER OF FIRMS AND STORES, SALES, NUMBER OF EMPLOYEES, PAYROLL, SALES PER STORE, AND PAYROLL DOLLAR OF SALES FOR ALL FIRMS AND FOUR LARGEST FIRMS, SMSA°S, 1972 1/--CONTINUED 2 FOUR LARGEST SUPERMARKET FIRMS : TOTAL 614. 614. 54. 54. 57. 60. 7. 60. 7. 60. 62.4 59.0 59.0 76.8 73.3 76.5 55.6 0 0 72.3 60.1 PCT. . ANNUAL SALES : EMPLOYEES 1,120 0 745 857 0 0 0 2,126 2,126 0 0 1,425 684 442 1+135 0 0 832 402 3+913 : PERCENT: : PERCENT: TOTAL: OF SMSA:TOTAL OF SMSA:TOTAL : TOTAL : TOTAL : 5,182 5,889 . 0 N :PAYROLL: STORES : ANNUAL SALES : 67.4 60.9 60.9 0 0 75.4 75.0 64.9 75.3 53.8 57.7\* 52.5\* 61.0\* 47.7 77.7 69.7\* PCT. 637.7\* 332.0 331.3\* 69.4 40.3 29.3\* 136.7\* 102.5\* 34°4 \* 556°0 32°0 4001 11001 1 340.0\* \*165.7\* 0 0 46.4 20.7 MIL. DOL. 522.5 72.7 511.7 73.6 52.9 52.9 72.9 80.0 52.2 52.9 59.4 42.4 73.7 71.1 58.3 49.1 224 224 354 354 354 364 56 168 15 27 27 21 78 78 116 32 46 64 10 10 51 55 : DOLLAR : SALES 9.46 10.26 8.32 10.26 8.11 7.36 9.55 7.61 7.87 9°19 9°19 7°19 8°85 8°25 8°06 7°87 8.49 9.31 9.03 8.71 8.22 9.41 7.58 8.63 10°14 7.93 9°14 7.56 8°87 8°45 8°45 8°47 2,174 2,305 2,215 3,083 1,713\* 2,339 2,578 2,819 2,036 2,307 2,439 3,686 2,873 3,285 3,104 2,530 4,015 3,150 2,712 SALES PER STORE 6/ 2,937 3,672 2,652 2,804 3,510 2,110 2,136 2,058 2,058 3,257 3,032 JOL. 66.5748 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 9.000 4,415 23,104 11,695 7,655 72,113 8,117 19,106 17,404 21,148 17,473 14,136 2,373 16,197 4,213 16,673 5,170 10,772 3,306 153,641 38,500 1,000 108,357 35,386 PAY-ROLL 5/ STORES: ANNUAL: EMPLOY -: 12,507 1,5554 3,902 3,347 833 199427 19111 19105 49038 29425 19523 8,311 9,933 1,898 846 579 856 1,017 750 3,851 3,045 2,963 578 2,040 690 2,850 1,037 1,889 556 22,167 6,515 7,194 891 50,329 EES ALL SUPERMARKETS 29.1\* 55.8 261.0 141.7 94.9 449.7 213.1 27.5 159.8 53.1 182.5 68.4 121.4 609.0 114.0 76.1 76.1 41.5 61.5 43.1 74.6 50.6 811.6 95.6 205.1 192.7 52.4 85.7 932.6 :SALES MIL. DOL. å 221 44 89 87 117 110 70 12 52 33 53 13 49 49 46 FIRMS: °° 69 73 73 11 11 11 13 12 12 14 25 19 14 14 46 ı M L N PNC TCTAN .... N C A Y AL. CT: NEWARK
NEWPORT NEWS-HAMP V
NORFOLK-VIRGINIA V
NORTHEAST PENNSYL
C HAVEN-WEST HA CLCNDON-NORWIC ( MUSKEGON-MUSKEGON NASHUA NASHVILLE-DAVIDSO NASSAU-SUFFOLK PA OXNARD-SIMI VALLE PARKERSBURG-MARTE PATERSON-CLIFTON BRUNSHICK-PER PETERSBURG-COLONI MILWAUKEE Minneapolis-st SMSA CITY PHILADELPHIA BRITAIN BEDFORD MONTGOMERY OWENSBORO PENSACOLA OKLAHOMA MODESTO ORLANDO MOBILE MONROE MUNCIE ODESSA PEORIA OMAHA NEW

TABLE 25--SUPERMARKETS:

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

			۵	OF SA	LES FOR	ALL FIRMS	AND FOUR	LARG	EST FIR	MS, SMSA	*S* 197	1/-	-CONTINUED			
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A N N N N N N N N N N N N N N N N N N N		FIRMS:	STORES 4/	SALES	EMPLOY-: EES ::	ANNUAL PAY- ROLL 5/	SALES : PER : C STORE : 6/ :	PER DOLLAR SALES	TOTAL:	PERCENT OF SMSA TOTAL	TOTAL	ERCENT: TOTAL	TOTAL	CENT: SMSA: TAL	PER STORE :D	PER OLLAR ALES
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ITTSFIEL	MA:		11	8	57	948	553	5!	9	4	9 6	6.1	-	-	9931	4
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OKILAND	2 2	0 +	100	0 10	0 10	7760	100	- G	30	9 0	87.8	) k (	ء د	0 0	744	9 6
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_	CA:	50	159	4	940	4,01	196	M)	85	9	50.8	9.1	2,892	ວຈີວ	950	9.77
	VA:	6	21	73.2	951	5,373	39484	7.34	17	81.0	65.1*	89°0*	o (	۵۵	3 9 3 3 1 ×	0 0
OCHE	Z.	r.		å	M	992	980	/ •	1		0 • 0		0	2	940	5
ROCHESTER	>	47	142		.72	. 02	•69	60	85	9		6	3,955	69.1	•29	7.42
OCKFORD		- 6	- M		9 8	9.48	•62	2	18		63.6	2.1	ĺ		9533	
	CA:	37		ıņ.	983	34,611	996	10,01	09		7.0	59.8*	٥	٥	945	٥
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SALEM SALTNASTOFFE		1 4	2 6	75.2	448	7.732	2.785	10.28	(4) (4) (4)	51.9	53.7	1.4	663	78.6	3,836	9.97
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A ANGEL	TX:	9	-4	å.	₩.	1,92	• 28	4	6 1	ė,	۱ د	<b>&gt;</b> 6	، د	ء د	ם נ	ه د
->	×	24	105	•	<b>⊣</b> (	930	939	ø١	- 6	å,			ء د	<b>-</b>	, o	2 6
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			1												11114 4 41100	1

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

		İ	A L	SUPERMA	RKETS	2 3 8 8					OUR LARG	ST SUPE	ARKE	FIRMS	2/	
S A S A		FIRMS:	STORES 4/	SALES	MPLOY-	ANNUAL PAY- ROLL 5/	SALES PER D STORE	AYROLL PER OLLAR SALES	STO TOTAL:	RES PERCEN TOTAL	ANNUAL TOTAL	LONIS	EMPLO TOTAL	YEES PERCENT OF SMSA TOTAL	SALES PER STORE D	PAY- ROLL PER OLLAR ALES
				MIL. DOL.	0 2	- 1,000	700	PCT.	0 2	PCT.	MIL. DOL.	PCT.	• 0 N	PCT.	1+000 DOL+	PCT.
SARASOTA	F		0.0		1,043	5,099	981	7.54	138	10.4	6.6	3.0	939	90.0	•30	7.26
SEATTLE-EVERETT	( A )	61	242		7,325	34.0	2,361		135	55.8	347.7*	*6.09	٥٥		2,576*	
001	LA:	17		5 66	1,404	7,457	1259	8.05	22	53.0	5.0	59.4	752	53.6	,501	7.76
SIOUX CITY	IA:			0.0	00	• 02	909	ស	13		*0°6	0.0	00	۵۵	D 0	۵ ۵
SOUTH BEND	N S	23	9 (3)		1,352	7,858	592	8 66	18	51.	*	60.	0	0 77.2	3,051*	0 0 273
SPURANE		F. T		0	404	† O • O	074	•	ń	e u	Ų.	5	7	•		
SFIEL	11:	16	30	7.1	1,139	6,177	237	9.20	15	50.0	4 4 6 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	68.3*	00	0 0	3,056*	00
SPRINGFIELD	HO	1.55 th	0 K		9	96	405	្រ	15	• • • •	6.9	4 . 2	464	57.3	459	8 . 45
SFIEL	W W		70	55.	447	,20	• 22	-	36	-	8	3			•72	
JRD	CT:		39	8	1,803	9,40	• 78	9	23	9	3.8	9.5			•337	-
STEUBENVILLE-WEIR	 HO		18	7.1	8	664	615	4	10	ŝ.	÷,	<b>.</b>	ດ •	66.1	11	00 0
STOCKTON	CA.		109	90.0	.73	0.15	418	9	3 1 12	0 4	- C	. r	1.376	9	233	2 0
TACOMA	× ×	12	54	4	1,555	10,727	412	9.37	35	9	(4)		91	58.6	130	0
TALLAHASSEE	<u>.</u>	4	10		~	+ 1 ¢	96	9	10		9 55	.0	574	100.0	96	6.95
TAMPA-ST PETERSBU	FL:	23	164	9	7,129	33,403	•72	7.48	129	00	368.8*	82.5*	Q	٥	2,859*	0
TERRE HAUTE	I N		16	50.0	9	• 15	9459		σ,	.D. 6	1.2	4.4	0 (	٥٥	9579	۵ ۵
TEXARKANA	. X 1	10	115	26.1*	0 80 4	9	1 9 / 4 3 ×		1 K	70.7	189.5*	σ0	0 0	o e	10	0
TOPEKA	KS:		29	, ic	96	4 9 86	991	-	14	• •	27.2	9.1	419	43.5	9944	8 .35
TRENTON	: C.N	14	35	9	• 56	12,415	•52	10.06	23	.0	74.1*	*0°09			3,220*	•
TUCSON	A2:		ω (Ω	٠,	9 .	1,71	• 54	6.	33		85.	• ,	1,252	0 0 0 0 0	و د د	8
TULSA	ž		92	•	• 94	0 <b>9</b> 05	• 18	9	96	•	7 • T	T • ∩	<b>-</b>	2	220.0	<b>-</b>
TUSCALODSA	AL:	S	15	2			•16		14	6	1.	9	0	a	•24	O
TYLER	TX:	Ŋ	16	2.5	474	2,534	011	7.87	15	9	ອ ເຄ	4	- 1	۵	• 035	•
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VALLEGO-FAIRF BELD	۲. - ۲.	, c	90	7 0		000	1 4 4 4	a	1 -	• 4	9 0	4 6	9 6	o c	670	o C
VINELAND-FILLWILL		צי מ	10		<b>&gt;</b> <	200	200	3 0	19	e e		5 E	0	۵ ۵	• 046	۵ ۵
WASHINGTON	00:	37	362	1,169.7		121,788	3,231	10.41	303	83.7	1,039,9*	88.9*	٥٥	۵۵	3,432*	۵
	CT:	12	22	70.	=	5947	119	P- 1	11	0	4.9	9.5		4	• 085	ı
WATERLOO-CEDAR FA	IA:	11	20	9	<b>-</b>	• 32	9 34	C/	13	2	9	•	211	9.4/	• 8 I	4004
	•															

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 TABLE 25--SUPERMARKETS:

A STATE OF THE STA		1	ALL	ALL SUPERMAR	RMARKETS					FO	UR LARGE	FOUR LARGEST SUPERMARKET FIRMS	RMARKET		2/	
					i			PAYROLL:		STORES	ANNUAL SALES	SALES:	EMPLOYEES	YEES	•••	PAY
Ω A A A	4	IRMS:	STORES 4/	STORES: ANNUAL: EMPLOY 4/ :SALES : EES	MPLOY-: EES	ANNUAL PAY- ROLL 5/	:SALES: : PER :D :STORE:	DOLLAR SALES	TOTAL	PERCENT: TOTAL: OF SMSA: TOTA		PERCENT: L: OF SMSA:TOTAL : TOTAL	TOTAL	PERCENT: PER C OF SMSA: STORE		PER DOLLAR SALES
6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		! ! !		# # # # # # # # # # # # # # # # # # #		1 1 1 1 1 1 1 1	7 1 1 1 1 0 0		 	r 	MIL.				1,000	
		- NO	1	• 100	* 0 N	- 1,000	70 Q	PCT.	*0 N	PCT.	DOL.	PCT.	• 0N	PCT.	DOL.	PCT.
WEST PALM BEACH-B	 	13	61	181.7		14,346		7.89	44	72.1	151.0	83.1	2,461	83.6	3,431	7.88
WHEELING	· ·	14	23	59.9		4,937		8.25	13	56.5	38.2*	63.8*	۵	۵	2,937*	
WICHITA	KS:	31	64	129.0	2,130	11,057		8.57	34	53.1	61.5	47.6	848	39.8	1,808	8.06
ICHITA FALLS	TX:	ເດ	17	28.2*		0			16	94.1	26.7	94.6		O	1,669	
VILLIAMSPORT	PA:	9	17	38.0	517	2,958	2,234	7.2	15	88.2	35.6*	93.7*	٥	۵	2,372*	
VILMINGTON	DE:	17	6.8	204.3*		۵	3,005*	۵	51	75.0	158.5*	17.6*	٥	۵	3,109*	
WILMINGTON	NC:	5	20	39.9*		٥	1,993*		14	70.0	29.5*	73.9*	٥	۵	2,105*	
MORCESTER	MA:	34	51	144.5	2,733	11,677	2,833	8.08	20	39.2	56.2*	38.9*	۵	۵	2,810*	
YAKIMA	WA:	17	27	52.4*		0	1,9943*	O	14	51.9	32.3*	61.6*	۵	_	2,309*	
	••									j			•	_6	0	
YORK	PA:	19	39	97.2	1,629	8,117	20492	8 35	18	46.2	58 ° 9*	60.6*	ا ۵	۱ ۵	39272*	ا د
YOUNGSTOWN-WARREN	 HO	45	69	152.9	2,509	15,068		9.85	21	30.4	٥	O	0	0	n	0
	•••		ļ		1	1	0 0 7 0 0	0.01		56.4	:	62.6	!	59.0	3.017	80
MEAN WEIGHTED	•	1 1	ן ו		2 4 6	100	a c	0 0	0.4	61.7	127.4	70.7	1.497	63.0	7.997	R.57
MEAN UNWEIGHIED		0 6	197	260.0		CCT 6 12		200	9 15	15.0	190.1	13.9	1.854	13.9	895	1.07
STANDARD DEVIALION		S C	77		9				)	)	,	,				
	• • •							Z	NUMBER							
NUMBER OF SMSA *S		263	263	263	217	217	263	217	263	263	236	236	111	92	236	111
	••												9			

1/ \*D\* 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.

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

			All su	supermarket firms	firms					Four L	Four largest supermarket firms	ermarket	firms $\underline{1}/$		
	ļ 					: Sales	: Payroll	Sto	Stores	Annual	l sales	Emp1	Employees	Sales	: :Payroll
Item	: Firms	Stores: 3/	: Annual : sales :	: Employ-	Annual payroll	per store 5/	: per : dollar : sales	Total 3/	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total		: per : dollar : sales
	** **					SMSA's	with 1	million or	more population	ulation					
		No	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pot.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard devlation	80	314 235	886.1 675.3	13,141	85,413 69,402	2,825 2,817 440	9.64	168	53.5 56.9 12.3	498.27 289.47	59.4 63.2 12.6	5,352	56.1 56.3 8.4	3,173 3,180 662	9.29
Number of SMSA's	34	34	34	34	34	34	34	Number 34	34	33	33	14	14	33	14
						SMSA's	with 300,000	,000 - 999	,999	population					
		No.	Mil. dol.	No.	- 1,000	do1	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	: : 26 : 11	72 28	 183.9 76.0	2,866 1,199	15,771 6,671	2,559 2,580 533	8.59 8.55 .81	42	57.9 57.9 13.8	117.4 56.4	64.2 64.2 13.3	1,707	60.1 60.2 13.8	2,860 2,942 918	8.32 8.39
Number of SMSA's	92 :	76	76	71	71	76	71	Number 76	92	7.1	71	33	32	71	33
						SMSA's	with 150,000	,000 - 299	9,999 population	ulation					
	ž I	No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	14	30 8	73.5 21.1	1,134	6,338	2,438 2,484 588	8.54	18	61.0 61.9 13.8	51.2	69.8 70.5 12.1	701 242	64.1 65.1 15.2	2,819 2,942 870	8.84 8.71 1.11
Number of SMSA's	9/	92	76	62	62	76	62	Number 76	76	65	65	29	25	65	29
						SMSA's	with less	than	150,000 pop	population					
	- No.	! !	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	.ov	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	1 6 6	16 5	37.8 12.3	630	3,468 1,276	2,434 2,482 575	8.32	10	65.7 67.3 16.7	29.2	75.8 77.1 13.1	419 152	69.1 69.0 13.1	2,841 3,017 993	8.40 8.35 1.15
Number of SMSA's	. 77	77	7.7	50	50	77	50	Number 77	77	29	29	35	21	67	35
See footnotes at end of table.	d of table	e e												8	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

						1	"			1,1	firms framework firms	ovmorbot.	firms 1/		
			All su	supermarket firms	firms					- 1	argeor ach	- I MOTIVE			
						: Sales	: :Payroll :	Stores		Annual	l sales	Emp1	Employees	: Sales	ď
Item	Firms $\frac{2}{2}$	: Stores	: Annual : sales	Employ- ees	$\frac{\text{Annual}}{\frac{4}{4}}$	per store	per dollar sales	Total 3/	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	per store 5/	: per : dollar : sales
						SMS	SMSA's in the	Northea	Northeastern region	ion					
	1	- No	M41.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	M11. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Hean, weighted : Hean, unweighted : Standard deviation :	1 8 4 7 4 7	91	255.1 474.1	4,683 8,415	25,745 48,113	2,789 2,840 652	9.05 8.69	47	51.8 57.3 13.4	149.04 240.21	56.4 64.8 13.6	2,291 2,953	54.7 58.9 13.3	3,052 3,305 1,008	8.72 8.50
Number of SMSA's	56	56	99	48	48	56	48	Number 56	99	53	53	18	16	53	18
						SMS	SMSA's in the	North	Central re	region					
•• ••	1	- No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	27	73	198.2 370.0	3,410 5,997	21,537	2,717 2,643 521	9.51 9.02 .67	40	55.4 58.3 14.4	109.2	63.7 68.3 13.3	1,408 1,562	59.4 58.4 13.5	3,15£ 3,207 1,013	9.19
Number of SMSA's	69	69	69	58	58	69	58	Number 69	69	63	63	32	25	63	32
						31	SMSA's in	the Southern	nern region	ĔI					
	1	No. 1	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	: : 18 : 17	 26 69	137.0 186.3	2,403	13,177 19,143	2,438 2,292 423	8.39 7.86	37	66.4 68.3 14.9	108.2 153.2	73.0 75.0 13.8	1,154	64.2 68.0 15.2	2,703 2,580 584	7.91
Number of SMSA's	. 98	98	86	78	78	98	78	Number 98	86	82	82	37	30	82	37
						1	SMSA's in	the Western	ern region	ri.					
	1	No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	: 28 : 32	99 155	280.3 478.9	4,306	32.649 53,941	2,837 2,643 520	9.98 9.62 .87	49	49.5 57.4 13.1	 168.6 227.2	58.0 66.1 12.0	1,551	58.5 64.3 10.4	3,346 3,115 763	9.50
Number of SMSA's	. 40	40	07	33	33	70	33	Number 40	40	38	38	24	21	38	24
See footnotes at end of table.	: d of tal	sle.												٥	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

			All su	supermarket firms	firms					Four la	Four largest supermarket firms 1/	ermarket	firms 1/		
35						: Sales	: :Payroll :	Stores	res	: Annual	sales	Emp	Employees	: Sales	:Payroll
Item ::	Firms $\frac{2}{}$	: Stores : 3/ :	: Annual : sales :	:Employ- : ees :	Annual payroll	store: 5/	per dollar sales	Total $\frac{3}{4}$	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	store: 5/	: per : dollar : sales
**				SMSA	SMSA's with 1972		four-firm concentration ratios	ntration	ratios of	f 60 percent	ent and over	VET			
•••••	1 1	No	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	111	41 54	117.0	1,921 2,790	11,114 18,805	2,878 2,817 684	8.77 8.43 1.04	32	77.9 77.4 10.7	101.5	85.1 85.7 6.5	992	79.9 80.5 7.1	3,145 3,191 1,086	8.36 8.52 1.29
Number of SMSA's	99	99	99	50	20	99	20	Number 64	99	09	09	21	17	09	21
				SMSA	SMSA's with 1972	72 four-firm		concentration	ratios of	f 50 - 59.99	.99 percent	at l			
•• •• ••	1	- No	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	23	72 116	192.3 339.8	3,457	21,037 38,142	2,685 2,539 528	9.25	45	63.1 63.5 11.2	118.7	70.3 72.0 7.0	1,547	66.5 68.4 7.3	2,964 3,003 931	8.68 8.47 .96
Number of SMSA's	82	82	82	99	99	82	99	Number 82	82	92	92	36	29	76	36
				SMSA	SMSA's with 1972		four-firm concentration ratios of	ntration	ratios o	- 07	49.99 percent	at a			
•• •• ••	1	No	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	27 24	81 101	215.0 298.9	3,583	22,423 29,862	2,655 2,448 448	9.18 8.68 1.00	43 52	52.5 54.5 9.8	141.6 187.3	58.6 61.1 7.8	1,922 2,511	54.3 56.0 8.5	3,023 2,925 724	9.12 8.70 1.13
Number of SMSA's	93	93	93	79	79	93	79	Number 93	93	78	78	40	34	78	40
1				SMSA's	s with 1972	772 four-firm		concentration	ratios of	f less than	an 40 percent	cent			
	I I	No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	54	150 282	389.7	6,584	39,752 81,616	2,591 2,316 449	9.53 8.70	57	37.9 41.2 9.4	177.64	42.7 46.5 8.1	913 788	42.4 44.8 10.3	2,932 2,700 640	8.50 8.56 .82
Number of SMSA's	24	24	24	22	22	24	22	Number 24	24	22	22	14	12	22	14

--- 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 summartes by population, region and 1972 four-firm concentration ratio---Continued

			All supe	supermarket firms	frms					Four lar	Four largest supermarket firms	rmarket f	1rms 1/		
••'••						a Car	Pavroll	Stores		Annual	sales	Emp1	Employees	: Sales	: :Payroll
Item	Firms : 2/ :	Stores 3/	Annual	Employ-	Annual payroll		per dollar sales	Total :	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	store: 5/	: per : dollar : sales
			SMS	SMSA's with	1972	four-firm sup	supermarket	concentration ratios	tion rat	ios of 60	percent	and over	1/		
	- No.	1	Mil. dol.	No.	- 1,000	dol.	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	18 17	58	 156.2 239.5	2,745	16,292 24,617	2,700 2,592 603	8.89 8.56 .94	37 51	64.2 66.5 13.3	112.9 168.2	72.3 75.3 10.3	1,430	65.7 69.7 10.1	3,039 3,020 947	8.59 8.50 1.09
Number of SMSA's	177	177	177	138	138	177	138	Number 177	177	177	177	80	99	177	80
			0.1	SMSA's with	1974	four-firm	supermarket concentration	t concent		ratios of	50 - 59.99	9 percent	.ut		
=	No.	1	M11. dol.	No.	1,000	dol.	Pct.	No.	Pct.	M41. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	36 1	106	284.0 310.6	4,392	28,229 31,452	2,691 2,600 501	9.43 8.88 .97	54	50.8 49.7 7.5	157.5	55.4 55.9 3.0	1,881	51.8 52.3 4.8	2,934 2,989 750	9.57 8.95 1.13
Number of SMSA's	07	40	40	37	37	40	37	Number 40	40	40	40	20	17	07	20
			921	SMSA's with 1972	th 1972 fc	four-firm	supermarket concentration	t concent		ratios of	40 - 49.99	99 percent	ul		
** ** **	- No.	1	M11. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard devlation :	744	139	391.6 717.9	5,734	38,280	2,823 2,525 438	9.77 8.98 77.	52	37.6 41.9 8.5	171.3	43.8 45.8 3.4	_1,372 1,281	42.3 41.5 3.7	3,287 2,849 712	8.69
Number of SMSA's	14	14	14	14	14	14	14	Number 14	14	14	14	6	6	14	66
			ISI	SMSA's with	1972	four-firm s	supermarket	t concentration		ratios of 1	of less than	40 percent	lt.		
	No.	1 .	Mil. dol.	No.	- 1,000	_ dol	Pct.	No.	Pct.	M11. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	95 133	284 494	699.0 1,250.0	11,982 21,456	66,019	2,465 2,320 398	9.44 8.69	 102 182	36.0 33.0 5.5	75.0 55.1	39.3 37.4 2.1	- MA	en en	2,696 2,648 411	HN HN
Number of SMSA's	'n	'n	יט	٠.	3	5	ς,	Number 5	'n	5	5	2	2	2	2

-- Not applicable. NM = Not meaningful because of insufficient reporting. 1/Firm rank based on sales of supermarkets. 2/Firms in business at any time during 1972. 3/Stores open at the end of 1972. 4/All supermarkets had payroll expenses. 5/Sales of stores open at any time during 1972 divided by number of stores open at the end of the year. Sources: Tables 12, 13, 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 summartes by population, region and 1972 four-firm concentration ratio--Continued

			All su	supermarket	tirms					Four 1	Four largest supermarket firms 1/	егшагкег	firms 1/		
						: : Sales	Payroll	Stores	res	Annual	l sales	Emp1	Employees	Sales	: Pavroll
Item	Firms 2/	Stores $\frac{3}{4}$	: Annual : sales :	:Employ-	Annual payroll	: per : store : 5/	per dollar sales	Total $\frac{3}{4}$	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	per store	per dollar sales
				SMSA's with 1972		our-firm	four-firm supermarket	st concent	concentration ratios	atios of	80 percent	t and over	s <sub>el</sub> i		
	No.		Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pot.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	10 7	40 58	 113.8 185.1	2,071 3,109	11,919	2,814 2,710 692	8.71 8.19 1.02	32 48	80.4 80.7 9.0	98.8 162.9	86.9 88.0 5.4	921 670	82.7 83.5 6.5	3,040 2,993 873	8.00 7.98 1.27
Number of SMSA's		55	55	39	39	55	39	Number 55	55	55	55	19	13	55	19
	el.			SMSA's wi	with 1972 fo	four-firm	supermarket		concentration r	ratios of	70 - 79.99	9 percent			
			Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	17	50 12	130.3	2,225	12,895 14,280	2,589 2,505 596	8.71 8.61 .82	33	65.7 66.1 7.3	96.5 104.0	74.0 74.8 2.9	1,159	72.4 73.0 4.1	2,915 2,925 1,064	8.26 8.49 1.05
Number of SMSA's	. 59	59	59	47	47	59	47	Number 59	59	59	59	25	21	59	25
				SMSA's wi	SMSA's with 1972 four-firm	our-firm	supermarket	t concent	concentration r	ratios of	60 - 69.99	9 percent			
		1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	27	80 108	217.4	3,721 5,025	22,642 32,334	2,715 2,571 513	9.06 8.81 .91	45	56.3 54.6 7.8	140.7	64.7 64.7 2.9	1,888	60.5 61.4 5.3	3,122 3,133 895	8.87
Number of SMSA's	. 63	63	63	52	52	63	52	Number 63	63	63	63	36	30	63	36
				SMSA's with	1972	four-firm	supermarket		concentration ra	ratios of	less than	60 percent	lt I		
	- No	1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	44	 128 197	344.7	5,405	34,162	2,683 2,558 479	9.53 8.89	57 75	44.7	153.7	49.5 51.9 6.9	1,671 1,867	48.3 47.6 7.5	2,974 2,927 718	9.34 8.77
Number of SMSA's	. 59	59	59	56	26	59	56	Number 59	59	59	59	31	28	59	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/

	!		A	LL SM	REF	1 ==			i		UR LARG	EST SMALL	STORE	FIRMS 2/		
O. A. O. A.			TORES:	ANNUAL:E	Z LO L	ANNUAL PAY- ROLL	SALES PER : D STORE :	AYROLL PER OLLAR SALES 6/	ST0 T0TAL:	RES PERCENT OF SMSA TOTAL	ANNUA	SALES OF SAS TOTAL	EMPL	YEE OF TO	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
• 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		0 Z	ı	MIL. DOL.	•	1,000	DOC	PCT.	0 N	PCT.	MIL. DOL.	PCT.	NO.	PCT.	1,000 DOL.	PCT.
ABILENE		119	117		3.9	9 4 2	18	2	15	о и •	7.2	33.0	127	32.4	478	8.54
AKRON ALBANY	6 A :	227	310 99		0 4	• 2.5 • 0.0 •	2 4	9.	22		00	00	00	α Δ (	201	000
ALBANY-SCHENECTAD	N N	614	594	100.6	1,751	6 9 5 8 3	169	7.97	22 8	3.7		4 2 • 8	0 496	63°3	160	
ALEXANDRIA	LA:	218	212			· I	133		13		ю e		110	17.5	242	9.5
ALLENTOWN-BETHLEH	PA	481	472		1,141	49253	16	0 2 0	19	ດທ		2 0	> P-	•	9	9
ALIUUNA AMARILLO	TX.	56	8 2	• •	334	1,538	215	9.05	40					۵	٥	٥
		c	202		7.5	4	2		118		- 0	8		4	202	4
ANAHELB-SANIA ANA	Α Α Κ	351	0 10	9 6	18	986	29	· N	1		3.	31.3	9	32.4	~	10.96
ANDERSON	I N	65	20.00	1.	-	0	19	4	9		0	0	0	<u>α</u> (		0 0
ANN ARBOR	MI	7.1	67	9			24		9		0	91.0	2 ;	r	5	
APPLE TON-OSHKOSH	H	105	98	25.5	552	1,971	260	8.03	2 7	5.1 6.1	5.0	32.5	110	0°CT	874	10.76
ASHEVILLE	2 5	271	א נים א נים	e u	- α	T.	159	9	228	9		S	K	4	$\rightarrow$	9
ATI ANTIC CITY	N C	o m	0 T	• •		1,53	16	8.18	10			9.	136	38.5	0	S.
AUGUSTA	GA:	308	-	9	-	980	12	7	39	5		4	9	10	4	-
MISTIR	×	16.7	M.	4	9	25	20	10	59	24.7	17.8	37.0	426	40.0	301	10.36
BAKERSEIELD	CA	219	•	8 8	79	440	23	.0	17	8	٥	٥	0	۵	ا ۵	۱ ۵
BALTIMORE	9	_	1,199	7.	53	54	16	8 49	83	9			P		0 \$6	L
BATON ROUGE	LA:	358	0		917	196	17	9 1	11			9 -	0/0	010	778	
BATTLE CREEK	¥ :	118	102	21.9	386	ū	7 21 4		D 0	11.7	2 . 4	20.8	4	2	265	5.06
BEAUMONT-PORT ART	E X	409	4 2 8 -	4 00	-	c	16	10	49			S	172	14.6	175	•1
	E	4	14	6	17	80	20	9.05	14	9.			۵	۵	- 1	
BILOX 1-GULFPORT	E S	194	206	24.1*	a	٥	11	٥	en 4	9	υ •	21.6	82	Ω	154	16.6
NOTWALTON	×	225	~	7	60	946	17	-7	14		٥	0				
BIRGHAM	AL	8 5 5 5 5 5 5 5		. 107	1,750	78	13	7.9				9		16.6	0	0.
BLOOMINGTON-NORMA	IL	8	4	12.		٥	5		4	6	3.6		9	0 0	906	-1
OISE CITY		Ŋ	7	15.		I i	2	ì	27			ם מ			Vα	• 0
BOSTON	M H	1,282	1,357	269.7	5 9 55 8	22,550	199	9.17	108	3 ° °		n	100		200	5
BRIDGEFOR I	5 5	25.	pα	9 4	2		16	•	1	8	۵	0	٥	0	0	٥
BROCKTON	M A	76	81		365	27	15	8 8	13							•
BROWNSVILLE-HARLI		208	198	å	4	•12	0.	7.6	11		2 • 2	13.6	4	14.2	232	0 s / y
	••															

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

					. STORE F	$\vdash$			••		JR LARGE	ST SMA	RE	IRMS 2		
				i	İ			AYROLL	ST	ES	ANA	SALES	Ē	YEES		PAY-
N E		FIRMS 3/	STORE 4/	ES:ANNUAL:E:SALES:	EMPLOY-: EES	ANNUAL PAY- ROLL	SALES PER :D STORE : 5/	PER OLLAR SALES 6/	TOTAL:	PERCENT OF SMSA TOTAL	TOTAL	PERCENT: OF SMSA: TOTAL:	TOTAL	PERCENT OF SHSA TOTAL	SALES PER STORE 5/	ROLL PER DOLLAR SALES
	** ** ** *	. NO.	t .		NO.	1,000	10g	PCT.	0 0		MIL. DOL.	PCT.	* 0N	PCT.	1,000 Dol.	PCT.
BRYAN-COLLEGE STA	×	7.5	6.5	9.			4	0					۵		٥	
BUFFALO	ν. Υ.	847	831	143.1	2,940	94646	25	8.01	36	4 n	26.1	18.3	637	21.7	726	10.34
CANTOR	S E	139	201	38.	850	3.021	- 6	B.25	20	0 4		40.1	357		_	100
CEDAR RAPIDS	IA:	57	51.0	9.	202	. 40	00	7.46			110	4	00	i	565	(M +
CHAMPAIGN-URBANA-	:1:	36	36	9.	248	_	S	8.64	4	-		35.1	88	5.	$\rightarrow$	• 6
CHARLESTON	SC:	409	427	44	708	=	0	8.49	57	'n.	01	۵ ۵	م ه	۵ (	Ω.	
CHARLESTON	2 2	286 5 4 5	266	37.	1.429	2,107	141	8.17	13		⊃ «	26.3	385	0.460	262	9.7
£	· · ·	5	2		•	1	-		ò		j		2		)	
CHATTANDOGA	TN:	TN: 418	392	53.	9.0	3,412	10	7.65	46	11.7	6	-	21	<b>M</b>	201	9.4
CHICAGO	IL:3	9478	3,280	586	9	8 9 2	<b>-</b> 1	9.15	197		ů.	ů.	_	6 1	Ω (	T• I
CINCINNATI	OH: 1	1047	1,023	164.	0	4	0	8.33	60 e	9 00	e dr 1		9 2	٠,	20 6	
CLEVELAND	T. C	9109	1,5210	N	4044	896	191	0.4.0	213 40	44.4	100	ין ע פיי פיי פיי	19061	5 4 6 C	25.5	9 6
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TTOTAND SHEET	×	25.5	796	44	9.50		168	8.28	86		-	-	6	c	-	
DALLAS-FI WORTH			1,919	357	7,138	30.492	186	60.6	388			S.	1,879	• 9	70	4.
DANBURY		•	99	12.	15		182	7.53	7		9	7.	4	1.	9	9.
DAVENPORT-ROCK IS	IA	147	136	28	53	1,944	206	7.27	<b>«</b>		ů.	19.8	0	18.0	694	4 .
DAYTON	 HO	368	401	72.	1,511	800	180	7.99	26			6	326	ä.	91	4
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DETROIT	N		2,420	420.	N	26,260	174	7	160		39.2	9	966	14.8	245	10.17
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FALL RIVER	MA:	92	92	14.	271	1,174	158	6	6			9	94		CI.	.9
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SEE FOOTNOTES	AT	END OF	TABLE.												CONTINUED	JED

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

		-		LL SM		IRMS	į			FO	OUR LARG	EST SMALL	STORE	FIRMS 2	,	
	i					l .	0.	AYROLL		RES	: ANNU	L SALES	EMPLO	YEES		0 0
NWN		FIRMS: S	STORES 4/	: ANNUAL:E :SALES :	MPLOY-:	ANNUAL PAY- ROLL	SALES: PER:D	PER OLLAR SALES 6/	I	PERCEN OF SMS TOTAL	T: A: TOTAL	PERCENT: OF SMSA: TOTAL:	TOTAL	PERCE OF SM TOTA	STOR STOR	PER DOLLAR SALES
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	•••			u	- 0	00	10	-5	11	- 6		° CV	4	-	-	10.6
TT WAYNE	2 4 7	110	160	71.0	1.101	5.029	208	7.62	24	7.0	8.1	11.3	177	16.1	337	
T KE SING		U 4	14.5	4	21	79	10	8	17							
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AND RAPIDS	MI	S	213	9	861	,26	217	°.	13	9		4	2	20	N	0
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טרבו		7/7	304	23.00	876	3.085	17	7.01	36	11.8	11.6	21.6	196	22.4	323	
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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

The color of the					ALL	ORE	H R				FO	UR LARG	EST SM	STORE	$\vdash$		4
FIRMS STORESANNULLEMPLOY- FAND.  FIRMS STORESANNULLEMPLOY- FAND.									7	STO	RES	ANNOA	L SALES :	EMPL	EES		1 6 6
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AVERHUL MAI         104         103         153.7*         0         133*         0         4.6         33.6         85         0         5.2         7.2           AVERHUL MAI         162         22.65         39.2         1,317         151         7.05         94         41.9         0<	- 2		-	215	-	0	6.1	PC.	4	17			7	0	0	-	1.9
AVERHILL MY         84         129         24-5         605         2-926         190         64-5         41-9         60-5         190         64-5         190         64-6         190         64-6         190         64-6         190         64-6         190         64-6         190         64-6         190         64-6         190         64-6         190         64-6         190         190         190         64-6         190         64-6         190         190         190         64-6         190         19	REDO	X		103	3.7		)	1 P7		6			107	0		-	7.2
ÁVERHILL MA:         162         150         22.6         392         1317         151         77.05         9         6.0         3.5         14.6         58         14.8         367         6.6           UBURN         HE:         6         21         3.5         3.6         3.5         10.4         6         2.8         4.7         2.9         19.5         47         0         57         10.7         0         6         2.8         4.0         3.5         10.4         6         2.8         4.0         3.5         10.4         6         2.8         4.7         10.4         7.7         10.4         7.2         8.0         10.8         7.7         10         7.2         8.0         10.8         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.7         10         7.	AS VEGAS	N ::	00	129	4	0	0 0 2	<b>a</b>	r.	54		)			۵		
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NE: 44   39   31.4   616   2.366   218   7.72   8   5.6   5.3   17.0   87   14.1   668   9.5	LEXINGTON	KY:	9	218	6.3			67		9			å	77		S)	0.7
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VA: 182 159 259, 41.6 772 3,303 155 8.62 42 15.6 12.6 30.1 236 30.6 299 10.00  WI: 119 130 34.4 826 2,925 265 8.67 21 16.2 6.5 18.8 163 19.7 309 9.3  WI: 119 130 34.4 826 2,925 265 8.67 21 16.2 6.5 18.8 163 19.7 309 9.3  NH: 126 115 23.4 383 1,553 204 7.37 4 3.5 D D D D D D D  ARR-EDI YR: 289 288 33.4 659 1,941 116 6.86 10.0 D D D D D D D  TTUSVI FL: 888 840 120.9 2,262 8,262 144 7.59 91 10.8 18.7 15.5 45.6 20.2 205 10.0  TX: 52 56 10.1 220 983 180.5 3,091 14.630 20.3 8.60 179 20.1 46.7 25.8 894 28.9 261 9.7  TX: 52 56 10.1 220 983 180 10.13 13 23.2 D D D D D D  TX: 52 56 10.1 20.0 983 180 10.13 13 23.2	UBBOCK	X	_ (	N V	ם ער יכו	O I		OD LI	9 9	0 5	٥			7 0		- 0	u
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TN: 808 840 120.9 2,262 8,262 144 7,59 91 10.8 18.7 15.5 456 20.2 205 10.0 CT: 40 38 6.6 104 470 173 8.57 7 18.4 3.0 45.3 51 49.0 425 9.2 FL: 782 889 180.5 3,091 14,630 203 8.60 179 20.1 46.7 25.8 894 28.9 261 9.7 TX: 52 56 10.1 220 983 180 10,13 13 23.2 D D D D D	TITU	<u>.</u>	8	4	24.	4.0	• 90	9	100	67	ຄ						
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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 SH'A	L STORE	IR			-		UR LARG	T SMA	Ä	FIRMS 2		
SMS		E A N	STORE	S:ANNUAL:	EMPLOY-	ANNUAL PAY- ROLL	SALES PER STORE	AYROLL: PER OLLAR SALES	STO	RES PERCEN OF SMS	ANNUA	L SALES PERCENT: OF SMSA:	EMP	YEES PERCENT OF SMSA	SALES PER STORE	PAY- ROLL PER DOLLAR SALES
		02		MIL. DOL.		- 1,000	1 00	PCT.	NO	PCT.	MIL. DOL.	PCT.	NO.	PCT.	1+000 DOL+	PCT.
		267	558	104.		8,23	00	8,91	42		ດໍ	-	-	10	M .	2.8
MINNEAPOLIS-ST PA	N A	750	789	176.5	3,969	13,703	224	8.19	4 4	9.4	19.9	11.3	4 B 4 2 B O	12.2	322	10.00
MODESTO	CA	145	141	29	9	\$22	0	8421	12	œ t	9	00	P7 .	0.1	- O F	2.0
MONROE	- X	145	177	3.3.	aα	122	n -	7.47	4 4 10 M		. 4	. 4	<b>⊢</b> α	. 6	<b>-</b> •	2.1
MUNCIE	N N	49	50	6	L ICI	87	10	9.25	11	8	, W	8	0	ູນ	4	-
MUSKEGON-MUSKEGON		111	106	24	00 M	ID M	2	6.25	9 4					18.6	D 0 8	- 4
פאס	E 2	D D	n C	• 71	7	7	-	76.0	r		•	9		•	9	6
NASHVILLE-DAVIDSO	T		770	131.	29	8,44	-	7.07	38			1.	300	6	8	9.2
SSAU-SL	NY	1,366	1,230	241.	•30	0	9	9.08	93	-	÷.	8	m i	6	<b>M</b> 1	0.5
JEW BEDFORD	MA	109	109	16.4	2 8 8 8 8 8 8 8 8 8 8	1,231	150	0 0 0 0	16	14.7	4 4	250	78	27.1	260	11.05
SKILAIN		0 1 0	0 20	12.	<b>D</b> 0	0 0	пи	000	) C	٠ د د		•	00	- 0	א ם	4 0
NEW HAVEN-WEST HA		289	296	0 4	7 -	V M	2 -	9.51	9 49	0 0	2.0	• •	300	9	วณ	0.4
L CANDON-NOR		149	152	25	4	976	9	7.90	16	0	-	6	4	-	9	0.2
U ORLEANS	LA:		870	124.	-	7,94	4	7.78	86	9.	20.	9	40	0	4	0.3
3	N N	7,025	6,781	1,042.	9 2 8	•32	TC	9.90	253		7.	•	PO .	•	N	1.6
NEUARK		1.02	955	154		• 13	9	10	30		10	i.	0	6	0	ເດ
NEUPORT NEWS-HAMP	VA:	15	200	42.	85	3,63	-	0	58	9.	22.8	54.1	422	49.5	393	9.3
NORFOLK-VIRGINIA	VA:	34	437	82.	72	•29	8	4	115		7	4	3	9	N	9
NORTHEAST PENNSYL	PA:	80	758	96	•17	4 9 3 5	N I	7.58	29				- 4			•
NORWALK	CT	ω .	18	14.7	2	112	<b>80</b> 0	ú	۳ F	• •			4 <	1 / • 0	Ðν	Į,
DEFORA CHI	) X	M	418	K 0 1 1 0	2-014	- K	208		, v	16.3	200	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	12.0	6	325	11.70
OMAHA	N N	15	145	38	69	2,842	9	7'.70	6	9	1.		(M)	19.1	==	8.7
ORLANDO	FL:	23	346	53.	-	940	2	00	115			8	3	•	8	13
OWENSHORD	~	6	8	-	0	9	12	- 9	6			10	80	-	90	-
OXNARD-SIMI VALLE	CA	121	<b>-</b>	25	M	•85	22	9	20		5.0	19.5	117	26.7	251	7.68
PARKERSBURG-MARTE	> 1	139	125	16.	100	111	13	M	4							
PATERSON-CLIFTON	 S	294	9	33.	N	•29	13	8	13	ů	9	0	186		N.	4.
PENSACOLA	FL:	226	~	41.	m	• 13	15	P7 (	57	6		9	७।	9	9 (	2
PEORIA	Η:	154	4	36.	- 1	•51	24	N C	4	ů.		0 0	<b>~</b> (		9 6	
PETERSBURG-COLONI	× ×	P	7 6	22.	3	1947	11	NO	N C		• •	0 1	7 0	•	<b>つ</b> 5	9 1
PHILADELPHIA PHOFN TX	PA A A	7 45 4 5	39328	125.0	2,535	559011	155 195	7.63	283	4 0 4 0 D	67.5	54.0	1,5743	60.0	200	7.99
200	 !	- 60	<b>P</b>	-	2		4	3				•	2	•	-	•
									ð							

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 SMA	STORE	H				FO	R LARG	T SMA	ORE	H H	١.	
A O A O		FIRMS	STORES	SANNALE	MPLOY = 1	ANNUAL PAY- ROLL	S TORE	PAYROLL PER DOLLAR SALES	101	RES PERCENT OF SASA	ANNUAL TOTAL :	SALES :	EMPLO TOTAL :	] ** ** ** **	SALES PER STORE	PAY- ROLL PER DOLLAR
		-					5/	/9.	4/	TOTAL		TOTAL :		TOTAL	5/	LES
	••••			MIL							1				0.0	
	•••	- NO	1	DOL.	NO.	- 1,000	DOF	PCT.	N 0 •	PCT.	DOL.	PCT.	• ON	PCT.	- 10g	P CT.
INE BLUF	A.	143	12	S.			12		4		4.4	28.3	0.6	٥	1,096	9.55
ITTSBUR		6C I	1,530	253.4	N U	17,022	स्त र	8.07	62	4 a	۵	00	00	00	0 0	۵ ۵
DRTLAND	E E	0 0	r «		n m	•16	16		12		0 0	۵ ۵	۵ ۵	0	0	0
ORTLAN	OR:	531	597			~	19	6	101			÷	611	6	4	10
OUGHKEEPSIE	N ĭ	N I	┥,		25	• 26	16	2	פינ	۴,	÷.	25.1	63	20 cd 60 cd 60 cd		9.30
ROVIDENCE		C I	- 4	•	<b>-</b> c	400	10	0 0	מ כי	0 (	•	0	V	0	r	•
PKOVO-URER PUEBLO		ດພຸດ	86	13.5	268	1,055	15	100	S IC		6.9	51.3	154	57.5	198	9.83
	**						,						× 1		L	•
ACINE	ij	00 (	80	ů,	3 2	0 1	D 4	90			9 10	N.	26.1	•	n a	9 4
- ا	 	0 0 0 0	228	e u	~ c	4 4 6	* U	7 6					r P	0 0	0	9
E AU .	X 2	7 4	N 4	0 0	178	74	22	7.51	11	J M			67	37.6	1	4
100		י ור	4.8			-	212	)	00		2	7	89		Ŋ	.9
ND ALIVERA	× ×	19 C	9 60	100	2	2	193	- 0	65	19.2	18.5	28.3	297	4	285	9.39
IVER	CA	1 10	2	9	10	967	20	0.	145	9	5	5	825	2	S	9.
DANOKE	VA	213	213	33.	59	32	15	7.64	S	6	8	4	8	30.2	6	9
OCHE	N.	N	N	5	4-4	3.9	£ 19	4	<b>60</b>	2		7.	7.0	9	0	8
ROCHESTER	×	561	- 4		- et-	50	18	φ.	20		- 4	S	9	ιn.	8	.4
ROCKFORD	IL:	117	C	9	57	.82	23	0.	4	. 6	4.4	18.6	142	24.8	1,108	1.04
SACRAMENTO	CA:	348	416			5,998	19	7.89	59			7	C	-	4	2
SAGINAW	#I.	150	10°	2	4	33	20	9	~				٠,		0	•
ST CLCUD	Z 2	67	77	16.4	416		150*		e 16	1103	0 e	33.1	1 5	0	4 6 8 8	9.36
AT LOUIS		u ve	7 4	6.6	9	• 26	199	6	117			100	-	9	S	0.8
SALEM		101	12	20.	45	1,65	17	8.49	22	00	7.	ŝ	203	45.0	M	9.
SALINAS-SEASIDE-M	<	133	N		-	941	29	10	4				23		9	ທີ
:		6	ì		C	*	•	-	ņ			-	a		0	I.
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2 2	× >	702	9 0	NE	2 5	7 K	11	9 5	199		34.7	3.00	813	38.7	176	9.41
AN ARIONI		2 K K	415	9 6	14	100	21	9	112				1			
2		-	1,786	5	0	19	18	80	105	-		20	S	4	g.	-
AN JOSE	×	380	45	94.	950	943	20	.01	103		9	27.8	519		254	6.4
ANI	≪.	111	116	9	(1)	946	22	S.	6		6	6	CV	n O	9	r,
SANTA CRUZ	CA	80 ¢	8 6	16.6	223	1,149	202	7.66	01	12.2	0 6	18.4	بر ص و	0 6 6 1	417	6.81
Ž	<	144	143	:	Ω	20	2	n	n T			e n		V	4	
	•															

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

€ SE				ALL SMA	UK P	EXT			. 1							1
	•••••	IRM 3/	STORES 4/	ANNUAL: EI	MPLOY-:	ANNUAL PAY- ROLL	SAL	PAYROLL PER DOLLAR SALES	STO STO	RES PERCENT OF SMSA TOTAL	ANNUAL	SALES PERCENT: OF SMSA: TOTAL:	EMPLO	YEES PERCENT: OF SMSA:	SALES PER STORE 5/	PAY- ROLL PER DOLLAR SALES
				MIL. DOL.	0 2	1,000	D0L	PCT.	0 N	PCT.	MIL. DOL.	4	0 2	ŗ	• 0	PCT
SARASOTA	 L	4.0	75	10	4	• 26	00	LO.	29	00	0	٥	٥	٥		
	6 A :	209	209	31.2	581	N	149	8.12	21	10.0	9 • 9	21.1	127	21.9	313	10.02
SEATTLE-EVERETT	NA:	069	N.	0.0	8	664	51	8.1	92	o l		7.	M)	0	9	
S	×	76	112	90	1.5	0	- 4	0	22	٦ °	<b>-</b>	ء د	<b>a</b> c	<b>3</b> 6	0 0	<b>5</b> 6
SAREVEPUR!	TA.	200	2 r	P IC	0.00	1000		2 4 2		9 6		Ę,		27.3	G.	9
STOUX FALLS		- 4 - 10	4 6	) =	9		) M		- m			8			00	8.1
SOUTH BEND	N	129	· (V)	8.7	0	928	- 100	ь.	1	5	4.9	17.1	117		706	10.80
SPOKANE	MA:	139	129	40	487	2,024		8.18	<b>a</b> C			EN B		9	S)	53
	•••			i		6		0	L						4	
SPRINGFIELD	IL:	φ (	~ •	1 2	201	1,034	ก เ	b.98	ני ב	0 <	•	0 0	- 4	ô	2 M	4
SPRINGFIELD	E C	7 +	<b></b>	0 0	PF	IC.	7	0.8	1 1	0 0	0 0	• e	4	10	9	4
SPRINGFIELD SPRINGFIELD	Z 0	25.5	247	1000	1.167	4.967	223	9.57	1 1	5.07	14.4	26.1	282	24.2	1,026	10.84
AMFORD	L	2	- 0	9	29	300	l KD	.5	6		(A)	8	6	1.	41	.9
STEUBENVILLE-WEIR		1 -	9	2	· IO	943	S	10	6			8		7.	0	7.5
OCKTON	CA	8	9	7.			41	۵ *	13			9	~		$\rightarrow$	.7
SYRACUSE	N Y	9	9	1.	1,394	5,943	N	0	21	ស្ន		8		22.9	=	0.1
TACOMA	NA:	9	7	0	4	• 03	PC .	0	22		•	ນີ້	(C)	9.	9	7
TALLADACEE	·· -	96	197	ď	-	9.4	t/C	- 5		100		9	9	100	0	~
TAMPA-ST PETERSBU	1	55.9	875	2	. =	.80	10	I N	296			6	1,254	44.5	œ	2
	IN	170	147	19		1,146	134	6.58		2.0	2.5	12.5	63	7	823	7.45
TEXARKANA	TX:	216	203	9	6		3		18		2	9.	104		80	9.3
TOLEDO	 HO	389	390	7.	1,430	78	9	7.95	37		•	ig i	ω ι	20.1	<b>→</b> i	ស្វឹ
TOPEKA	KS	60	98	***	0	949	41	4	4 6	4 (		D :	no	9	9 +	N 4
TRENTON	2 .	197	183	8,	2 2	500	n o	1 1	N .		• •	•	100	* C	4 4	
TUCSON	A 2 :	111	202		9 (	900	D V	9 0	711		•	9 4	<b>5</b> 0		<b>,</b> c	0 0
IULSA	5	1 + 0	177	•	906	0	D	•	4	•	•	•	٥	3	)	
TUSCALOOSA	AL:	170	$\sim$	-			24		24			33.8	117		296	~
TYLER	TX:	109	-	4	274	919	M	7.48	6			1.	-	25.5	S	6.
		257	4	3	0	٥	11	۵ *	16	9	11.3	· 2	198	۵	0	6
VALLEJO-FAIRFIELD	CA	101	₩.	1.8			80		31			e ,	S (		0 (	S 6
VINELAND-MILLVILL	2	129	N (	8	0	22	d I	-	15	6		0 r	ው 4	51.6	א ת	ຸເ
A CO	TX:	180	200	31.2		2 2 2 3 8	156	8014	2 2	12+3		-	× + + + + + + + + + + + + + + + + + + +	*	2	
ANT	נייי	0 0 0	10		א ת	000	o n	1 0	7 +	4	- 4	Ľ	9 8	ď	Ľ	P.
Li.		791	- u	0 0	2 0	404	2 0	0 0	4		4	30.1	0 4	N 100	754	200
A I EK LUG-LEDAK		00	20		h	r	0					J		j	)	

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 SK			ALL SMALL	STORE	FIRMS		••		FOU	R LARGE	FOUR LARGEST SMALL	STORE F	FIRMS 2/		
		1				i		STORES	RES		ANNUAL SALES :	P .	EES		PAY-
N M N M		ST	ORES:ANNUAL:EP 4/ :SALES :	IL:EMPLOY-:	ANNUAL PAY- ROLL	ER ORE 5/	PER DOLLAR SALES 6/	TOTAL:	PERCENT: TOTAL: OF SMSA: TOTAL:		PERCENT: TOTAL : OF SMSA:TOTAL : TOTAL :	OTAL :0	PERCENT: PER TAL : OF SMSA:STORE TOTAL : 50		PER :DOLLAR :SALES
		MIL	MIL.	. ON	1+000	9700	PCT.	0 2	PCT.	MIL. DOL.	PCT.	• O N	PCT.	1+000 DOL-	PCT.
MEST PALM BEACH+B FL	188	299	51.6	1.008	4 • 615	173	9.45	98	28 • 8	20.3	39.3	397	39.4	237	9.64
		185	27.5	518	1,906	149		19	10.3	5.3	19.1	9.8	18.9	277	10.09
		141	34.3	749	2,688			27	19.1	7.8	22.6	177	23.6	289	9.85
FALLS	89	106	18.0*	۵	0		Ω	56	24.5	6.3	34.8	104	۵	241	9.25
		81		168	199	164	7.06	13	16.0	4 5	33.6	74	44.0	343	9.21
WILMINGTON DE:		295		0	٥			41	13.9	13.7	28.8	281	٥	335	10.36
		174		٥	0		۵	25	14.4	6.9	30.1	128	٥	274	10.00
		173		676	2,400			21	12.1	۵	٥	۵	٥	۵	٥
	: 113	96	23.5*	٥	۵			ю	3.1	3.7*	15.7*	٥	۵	1,229*	<u> </u>
YORK		228		784	2.799	-	8.13	27	11.8	7.3	18.1	188	24.0	270	10.95
YOUNGSTOWN-WARREN OH:	328	360	7.1	1,598	5,747	20	8.62	59	16.4	19.3	27.3	206	31.7	327	10.98
MFAN. LFICHTED	;	å B	:	;		171	8 45	ł	12.1	į	20.5	Î	23.5	294	9.81
MEAN. UNWEIGHTED	343	355		1.271	5,232	178	8.14	43	13.9	13.2	25.6	288	27.8	440	9.65
STANDARD DEVIATION:	909 :	009	99.5	1,898	8 9 6 8 8		•81	61	9.8	16.0	10.9		11.9	244	1.37
							N	NUMBER							
NUMBER OF SMSA*S	263	263	263	217	217	263	217	263	263	215	215	213	175	215	213
	••														

<sup>1/ \*</sup>D\* 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 PREPARED BY USDA-FTC FOR THIS REPORT. ESTIMATED VALUES FOR ANNUAL SALES, EMPLOYEES, AND ANNUAL PAY-ROLL, PRIOR TO ROUNDING DO NOT DIFFER FROM ACTUAL VALUES BY MORE THAN 1.5 PERCENT.

2/ FIRM RANK BASED ON SALES OF SMALL GROCERY STORES.

3/ FIRMS IN BUSINESS AT ANY TIME DURING 1972.

4/ STORES OPEN AT THE END OF 1972.

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

6/ 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 28--Small grocery stores: Number of firms and stores, sales, number of employees, payroll, sales per store Lud payroll per dollar sales for all stores and etores of the four largest small grocery store firms, SMSA summaries by population, region and four-firm concentration ratio, 1972

			Small s	stores, al	all firms					Small st	Small stores, four largest	r larges	t firms 1/		
						: Sales	: :Payroll	Sto	Stores	Annual	l sales	Епр	Employees	: Sales	: :Payroll
I tem	Firms 2/	Stores 3/	Annual : sales :	Employ-	Annual : payroll :	per store	: per : dollar :sales 5/	Total 3/	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	store	: per : dollar : sales
						SMSA' B	s with 1,000	00,000 or	more population	lation					
	No.	No. 1	M11. do1.	No.	- 1,000 dol.	lob	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	1,306 1,282	1,347	238.9 191.3	4,362	18,689 15,872	177 186 22	8.77 8.60 .68	148 97	11.0 14.2 8.6	41.7	16.6 19.3 7.3	944	20.7 23.3 8.1	275 310 128	9.98 9.85 1.52
Number of SMSA's	34	34	34	34	34	34	34	Number 34	34	29	29	29	29	29	29
	•• ••					SMSA	SMSA's with 300,000		999,999 population	lation					
	No.	No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	M41. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation :	345 186	367	60.5	1,150	4,545 1,872	165 175 45	8.15 8.17 .69	51 46	13.9 14.1 9.9	14.8	24.2 24.1 11.0	314 219	26.3 26.5 11.9	284 380 211	9.75 9.95 1.23
Number of SMSA's	76	76	76	71	71	9/	71	Number 76	76	63	63	63	59	63	63
						SMSA's	s with 150,000	,000 - 299,	9,999 population	lation					
		No	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	165	167 80	27.7	520 162	2,004	166 179 49	7.95	 19 16	11.3 11.7 9.3	6.5	23.4 24.3 9.2	133	24.8 25.6 10.1	352 515 258	9.73 9.66 1.34
Number of SMSA's	. 76	76	76	62	62	76	62	Number 76	92	99	99	65	52	99	65
** **						SMSA's	s with less	than	150,000 population	lation					
•	1	No	Mil. dol.	No.	- 1,000	dol	Pct.	.ov	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	91	92	15.0	274 106	1,059	163 178 44	7.98 8.02 .96	181	14.5 15.9 10.3	4.8	30.4 32.1 11.2	100	36.3 37.0 12.9	350 487 266	9.41 9.19 1.39
Number of SMSA's	77	77	77	20	20	77	50	Number 77	77	57	57	56	35	57	56

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

			Small s	Small stores, all	1 firms					Small st	stores, four largest firms	r larges	t firms 1/		
						Sales	:Payroll	Sto	Stores	Annual	sales	Gang.	Employees	Sales	: :Payroll
Item	Firms 2/	Stores 3/	: sales	Employ- ees	: Annual : payroll :		per dollar :	Total 3/	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	per store	per dollar sales
					1	SMS	SMSA's in the		Northeastern region	1:0					
	No.	1 1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	. 481 : 1,035	470	77.2	1,506	6,441 13,788	164 172 35	8.80 8.26 .77	32 51	6.8 9.9 5.7	13.9	16.6 23.1 7.8	305	19.8 26.8 9.3	391 477 209	10.33 10.17 1.32
Number of SMSA's	56	99	56	48	48	26	48	Number 56	99	43	43	43	37	43	43
						SMS	SMSA's in the		North Central region	ton					
	No.	1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Port.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted :: Mean, unweighted :: Standard deviation :	279	277 516	52.7 92.5	1,198 1,814	4,655	190 205 43	8.26 7.91	28	10.2 11.4 7.5	10.7	18.8 25.4 11.2	252 354	21.4 25.3 11.0	360 567 245	10.27 9.62 1.46
Number of SMSA's	69	69	69	58	58	69	58	Number 69	69	09	09	59	67	09	59
	** **					241	SMSA's in t	the Southern	ern region	-1					
10	No.	1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted : Mean, unweighted : Standard deviation :	328 302	359	55.7 60.2	1,164 1,229	4,756	155 152 28	8.40 8.20 .82	57	15.8 16.0 10.3	14.4	24.9 26.8 10.5	290 323	27.0 28.8 11.7	246 341 215	9.89 9.65 .99
Number of SMSA's	86	98	86	78	78	86	78	Number 98	98	80	80	80	63	80	80
						2*1	SMSA's in t	the Western	rn region						
	No.	1	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	M11. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation :	295	322	64.3	1,313	5,612	200 206 29	8.31 8.23 .79	52 58	16.1 19.0 12.9	14.4	20.5 26.5 14.2	329 326	25.7 31.4 16.3	267 401 245	8.30 8.96 1.82
Number of SMSA's	07	40	40	33	33	07	33	Number 40	40	32	32	31	26	32	31

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

			Small s	Small stores, all firms	11 firms		**			Small st	Small stores, four largest firms $\frac{1}{2}$	r larges	t firms $1/$		
4	-					Sales	: :Payroll	Sto	Stores	: Annual	l sales	Emp	Employees	: Sales	: :Payroll
Item	Firms : 2/ :	Stores $\frac{3}{2}$	: Annual : sales :	: Employ- : ees	: Annual : payroll :	per store	per dollar sales 5/	Total	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	store:	: per : dollar : sales :
				SMS	SMSA's with 1	1972 four	four-firm concentration ratios	entration		of 60 per	60 percent or o	over			
		!	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	M11. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	 : 154 : 165	175	30.7	620 741	2,608	175 186 41	8.67 8.37 .85	36	20.4 18.9 12.3	9.0 10.2	29.9 32.2 12.1	 189 224	33.5 35.7 13.4	268 438 238	9.73 9.53 1.14
Number of SMSA's	99	64	99	50	20	99	20	Number 64	79	51	51	50	38	51	20
				SMS	SMSA's with 1	1972 four	four-firm conc	concentration	ratios	of 50 - 5	59.99 percent	ent			
	: No.	1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	339	350	59.4	1,297	5,171	170 178 35	8.40 8.10 .86	42 57	12.1 13.3 8.4	13.5	21.7 26.1 8.5	295 400	24.9 27.3 9.2	307 453 241	10.02 9.73 1.56
Number of SMSA's	87	82	82	99	99	82	99	Number 82	82	62	62	62	51	62	62
	** **			SMS	A's with 1	972 four	SMSA's with 1972 four-firm concentration	entration	ratios	of 40 - 4	49.99 percent	ant			
	: No	1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	M±1. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	373 420	385	67.1	1,362	5,530	174 175 43	8.24 8.05	45	11.7 12.6 8.3	14.0 14.1	20.1 23.2 10.2	306 314	23.1 26.2 11.3	288 408 238	9.57 9.65 1.36
Number of SMSA's		93	93	79	79	93	79	Number 93	93	81	81	80	19	81	80
				SMS	SMSA's with 1	972 four	with 1972 four-firm concentration	entration	ratios	of less than 40		percent			
	No.	1	M11. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation :	739 1,433	743	121.5	2,351 3,898	10,305 19,581	164 173 55	8.86 8.05 .81	58 100	7.9 8.5 6.5	19.9	14.8 17.5 7.7	436 610	17.6 18.9 8.6	316 537 278	10.14 9.69 1.41
Number of SMSA's	24	24	24	22	22	24	22	Number 24	24	21	21	21	19	21	21
														- 1	

-- = 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 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

			Small s	stores, al	all firms					Small st	stores, four		largest firms 1/		
						Sales	. Payroll	Sto	Stores	Annual	sales	Ешр	Employees	Sales	Payroll
Item	Firms : 2/	Stores 3/	: Annual : sales :	Employ- ees	Annual :	per store	per dollar sales 5/	Total	Percent of SMSA total	Total	Percent of SMSA total	Total	Percent of SMSA total	per store	: per : dollar : sales :
			SMSA's	with 1972	2 four-firm	m small	grocery	ore conc	store concentration	ratios	of 40 perce	percent and	over 1/		
	 No.	l I	Mil.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	123	 168 154	31.4 30.3	675	2,598	187 187 23	8.32 8.34	 56 62	33.5 30.2 9.0	15.1 15.3	48.0 48.5 7.3	324 331	52.1 52.2 9.4	268 335 152	9.14 9.36 1.30
Number of SMSA's	22	22	22	16	16	22	16	Number 22	22	22	22	22	16	22	22
			SMSA	s with 1972	72 four-firm	rm small	grocery	tore con	store concentration	ratios of	30 -	39.99 percent	cent		
		1	Mil. dol.	No.	- 1,000	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard devlation	: : 152 : 146	182 195	29.2 27.1	655	2,574	160 179 43	8.56 8.31	40	22.0 18.0 7.8	10.1	34.5	220	38.2 37.5 4.9	252 411 224	9.74 9.62 1.08
Number of SMSA's	: 41	41	41	30	30	41	30	Number 41	41	41	41	40	30	41	07
			SMSA's	s with 1972	72 four-firm	rm small	grocery	tore con	store concentration	n ratios	of 20 - 29	29.99 per	percent		
		1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	286	309	53.5	1,162	4,769	173 174 40	8.44 8.16 .71	49	15.7 13.0 5.7	 13.2 15.3	24.7 24.8 2.8	282	27.7 27.9 5.5	273 422 242	9.89 9.70 1.42
Number of SMSA's	. 79	79	79	63	63	79	63	Number 79	79	79	79	79	63	79	79
			SMSA's	s with 1972	72 four-firm	rm small	grocery	tore con	store concentration	n ratios	of less	than 20 percent	ercent		
	No	1	Mil. dol.	No.	- 1,000 dol.	dol	Pct.	No.	Pct.	Mil. dol.	Pct.	No.	Pct.	1,000 dol.	Pct.
Mean, weighted Mean, unweighted Standard deviation	. 633 1,019	618	106.1	2,048 2,891	8,609 13,645	172 181 47	8.49 7.99	41 56	6.6	14.4	13.6 15.0 3.2	322	16.7 17.3 4.3	355 508 264	9.97
Number of SMSA's	73	73	73	99	99	73	99	Number 73	73	73	73	72	99	73	72

-- 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/

	•••		V	LL GROC	ERY STORE	4		• • •	S)	SUPER	MARKETS	17	
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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/--CONTINUED

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			ALL FIRMS 2/		FOUR	ARGEST FI	MS 3/		ALL FIRMS		FOU	LARGEST FI	MS 4/
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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/--CONTINUED

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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/--CONTINUED

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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/--CONTINUED

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TABLE 29-->-LLING 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

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A CRUZ CA: 4 3,735 244 D D D D D D D D B 80 D D A L3,923 201 95 D D L ROSA CA: 1 4,516 174 D D D D D D D D D D D D D D D D D D D	1 BAKBARA-SAN CA: 4 3,735 244 D D D D D D D D D D D D D D D D D D	A CRUZ CA: 4 3,735 244 D D D D D D D D D D D D D D D D D D	0000	ָב בי	4 6	4 4 5 5 4	- د		1		0		٥	96	۵	٥
1 KOSA CA: 1 4,516 174 D D D D 94 13,923 201 95 D	1 CKUZ CA: 1 4,516 174 D D D 94 13,923 201 95 D D D	A CKUZ CA: 1 4,516 174 D D D 94 13,923 201 95 D D D CONTINUED	M GAKBARA	ָל נ	V	4464	9 4				٥	٥	0	80	0	٥
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		CONTINUED	~	ξ	4	1										

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

				LL GROC	ERY STORES		II i		- E		MARKETS		1 0 1
		1     	N		FOUR	LARGEST FI	MS 3/		ALL FIRMS	3/	FOUR	ARGEST	4/
		RAI	ELLING: REA PER: STORE:	SALES PER SG. FT.	COVERAGE: RATIO	SELLING: AREA PER: STORE:	SALES PER SG. FT.	VERAG ATIO 6/	ESELLING: AREA PEP: STORE:	SALES PER SG. FT	STORES REPORT ING	SELLING : AREA PE : STORE	SALES PER SG. FT.
		INDEX	1	000	P CT.	. FT.	DOL.	PCT .	FT.	000	cT.	SQ. FT	01.
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SEATTLE-EVERETT		N	5,737	រ		ı		5	13,820		5	3 9 2 2	5
N-DENI	× .	ا لا	2,966	OI I	100	7.74	137	160	7.5	0 0	100	6	ת טיג
SHREVEPORT	< <	9	3,803	1 V	81	9 6 7	n	26	ר	*	, ,	4 7 6 0	7
	A C	o -	3983E	<u> </u>	2 5	7 6	20.8	100	O C	o c		0 0	0 0
ADETE BEND	2	4 6	5.874	4 K	5	2		9	14.602	181	0	٥	
SPOKANE	× ×	<b>↓</b> ←	6,731	144	100	14,741	159	0			100	14 , 741	159
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TOCKTON	CA	1 (1	.04	· 143	C	4 6 7 4	4	16	3,62	9	0	13,815	189
SYRACUSE	×	רא	23	4				81	64	174	C	4 , 39	D.
TACOMA	Y.	2	9 9 5	3	87	15,005	163	92	4 . 78	2	75	3,78	Ġ.
	· · ·	c		V	100	4	σ	100	477		100	19.776	000
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	 	2	5,165	216	C	3,61		0.6	14,757	235	0		- 4
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	 X	CI	,01	-	100	4 923	-	c k	12+455	181	O D T	0	
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UTICA-ROME	NY:	רא	• 94	N	73	1 997	2	٥			9	3,14	3
VALLEJO-FAIRFIELD	CA:	-4	,11	9	106	6 + 58	Ø	16	15,633	167	100	0	ا ۵
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WASHINGTON	: 00	~	\$27	S	98	14,308		96	14,043	234	16	1	
ATERBURY	CT:	<b>62</b>	941	0	٥	0	٥	0	٥	ه ۵	82	14,325	285
MATERLOO-CEDAR FA	IA:	~	• 98	-	۵	O	٥	٥	0	2	36	a	_
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SEE FOOTNOIES	A	END OF	ABLE									3	2

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

			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ALL GROCERY STORES	RY STORES		f			SUPERM	SUPERMARKETS		
		A	ALL FIRMS 2/	 		FOUR LARGEST FIRMS 3/	1		ALL FIRMS	3/		FOUR LARGEST FIRMS 4/	MS 4/
Α A A		OVERAGE RATIO 5/	COVERAGE: SELLING: RATIO: AREA PER: 5/ : STORE:	SALES PER SG. FT.		1	SALES PER SG. FT.	COVERAGE RATIO 6/	COVERAGE: SELLING: RATIO : AREA PER: 6/	SALES PER SG. FT.		STORES : SELLING : REPORT -: AREA PER: ING : STORE :	SALES PER SG. FT.
		INDE	X SQ. FT.	000	P CT.	SG FT.	DOL.	PCT.	SG. FT.	DOL.	PCT.		D01.
WEST PALM BEACH-B	 L	-	4 + 0 4 7	192	0	Q	0	98	14,465	212	98	Q	0
WHEELING		N	2,931	200	100	10,277	245	۵	Q	٥	100	٥	٥
VICHITA	K S:	כא	6,103	152	96	11,462	146	82	12,675	158	94	۵	۵
VICHITA FALLS	×	-	3,879	127	100	11,5553	125	100	٥	٥	100	12,651	132
WILLIAMSPORT	PA	N	3,965	210	100	8 • 761	227	100	9 9 6 3 4	232	100	٥	٥
MINGTON	DE	-	4 972	196	O	Q	٥	a	٥	۵	100	0	۵
NOTONINGIA	N C	ι (\	3.324	160	100	11,094	155	100	0	۵	100	۵	٥
LORCESTER	MA M	M	5.691	186	100	12,327	213	82	13,066	211	100	٥	۵
YAKIMA	Z A	· ~1	6,058	118	87	13,431	168	88	13,938	144	42	٥	۵
	••	,	,	4	ć		d	c	6	c	40	14.263	600
YORK	A A	2	4 9 6 8 /	142	_	0	2	_	3	ָ ב			, ,
YOUNGSTOWN-WARREN		2	6,413	104	66	35,620	87	95	20,046	113	Q	0	a
MFAN. MFIGHTED 7/	•• ••	ļ	4.834	173	93	13,799	195	86	14,232	192	95	15,002	210
CHIRCLING TO NEW		2.4	4.757	168	96	13,554	190	88	14,058	184	95	14,954	194
STANDARD DEVIATION:	:NOI	6.0	1,169	31	6	3,751	45	10	2,198	28	6	3,103	35
	•• ••						DN.	NUMBER					
NUMBER OF SMSA*S	••••	245	245	245	151	151	151	152	152	152	06	0.6	88

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

STEEL USTABLISHMENTS WITHOUT PAYROLL.

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

3. DATA FOR ESTABLISHMENTS THAT REPORTED SELLING AREA. SALES PER SQUARE FOOT OF SELLING AREA WAS ESTIMATED FOR AN SMSA BY DIVIDING

4. FIRM RANK BASED ON SALES OF SUPERMARKETS. SALES PER SQUARE FOR STORE FOR STORE FOR ALL STORES BY AVENDED SELLING AREA WERE THE SAME STORE FOR THE FOUR LARGEST GROCERY STORE FIRMS, THEN SALES PER SQUARE FOOT OF

5. SALES OF ESTABLISHMENTS REPORTING SELLING AREA AS A PERCENTAGE OF TOTAL SALES OF ALL ESTABLISHMENTS WHERE "1" DENOTES 90

5. SALES OF ESTABLISHMENTS REPORTING SELLING AREA AS A PERCENTAGE OF TOTAL SALES OF ALL ESTABLISHMENTS GO TO 69 PERCENT.

5. 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.

S. GOVT. PRINT. SOURCES: BUREAU OF THE CENSUS, CENSUS OF RETAIL TRADE, 1972, VOLUME 1. SUMMARY AND SUBJECT STATISTICS, U. 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 on SMSA summaries by population, region and four-firm concentration ratio, 1972

			All grocery	ery stores					Supern	Supermarkets		
		All firms 1/		Four	largest firms	us 2/		All firms 2/		Four 1.	largest firms	3/
Item	Coverage ratio	Selling area per store	Sales per sq. ft.	Coverage ratio	Selling area per store	Sales per sq. ft.	Coverage ratio	Selling area per store	Sales per 8q. ft.	Stores reporting	Selling area per store	Sales per sq. ft.
					SMSA's wi	with 1 million	or	more population				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted 6/ Mean, unweighted Standard deviation	2.3	5,070 5,144 994	184 183 26	94 94 6	14,487 14,942 2,662	204 201 38	88 6	14,306 14,438 1,757	200 197 28	988	14,754 14,626 1,478	227 217 39
Number of SMSA's	33	33	33	26	26	Nui 26	Number 34	34	34	11	11	11
	1				SMSA's with	tth 300,000	_ 1	999,999 population				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted 6/ Mean, unweighted Standard deviation	2.5	4,764 4,970 1,096	161 162 25	86 91 10	13,136 13,901 4,418	176 183 37	85 86 9	14,384 14,395 2,032	175 175 25	91 90 13	15,825 15,686 2,911	183 183 29
Number of SMSA's	74	74	74	39	39	Nui 39	Number 50	50	50	26	26	26
					SMSA's with	Lth 150,000	- 1	299,999 population				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted 6/ Mean, unweighted Standard devlation	2.3	4,434 4,649 1,148	163 167 32	94 96 9	12,824 13,212 3,861	180 186 45	90 89 11	13,510 13,682 2,524	179 179 24	96 7	14,857 14,955 4,216	195 196 33
Number of SMSA's	: : : 70	70	70	41	41	Nu.	Number 41	41	41	23	23	23
					SMSA's with	less	than 150,000	150,000 population				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted 6/ Mean, unweighted Standard deviation	2.3	4,236 4,450 1,269	160 168 36	96 96 9	11,408 12,764 3,397	187 192 44	88 89 12	13,289 13,524 2,375	185 190 31	96 7	14,171 14,439 2,687	196 194 37
Number of SMSA's		89	89	45	45	Nu. 45	Number 27	27	27	30	30	28
	•											

Continued--

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

			All grocery	ery stores			** *		Super	Supermarkets		
i		All firms 1/		Four 1	largest firms	8 2/		All firms	2/	Four 1	largest firms	3/
lem	Coverage ratio	Selling area per store	Sales per 8q. ft.	Coverage ratio	Selling area per store	Sales per sq. ft.	Coverage ratio	age Selling o area per store	Sales per sq. ft.	: Stores : reporting	Selling area per store	Sales per sq. ft.
					SMSA's	in the	Northeastern	rn region				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted <u>6/</u> Mean, unweighted Standard deviation	2.4	4,981 4,980 1,123	182 181 33	93 94 9	13,881 13,870 2,721	192 205 47	82 87 10	14,160 14,137 1,865	200 199 27	93 93 13	16,494 16,155 3,285	210 200 43
Number of SMSA's	: : : 54	54	54	39	39	N 39	Number 36	36	36	17	17	17
					SMSA's	in the	North Cent	Central region				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted 6/ Mean, unweighted Standard deviation	2.2	5,140 5,246 1,203	181 178 27	90 95 9	13,976 13,547 4,525	207 204 41	87 87 11	13,564 13,486 2,030	199 187 23	95 95 8	13,956 14,179 2,507	214 209 28
Number of SMSA's	. 65	65	65	39	39	N 36	Number 37	37	37	29	29	29
	•• ••				SMSA's		in the Southern region	region				
		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
Mean, weighted 6/ Mean, unweighted Standard deviation	2.5	4,096 3,927 657	160 154 27	93 93 10	12,842 12,389 3,059	181 171 32	88 10	13,755 13,622 2,082	180 174 26	95 94 10	14,403 14,209 2,961	167 179 27
Number of SMSA's	88	88	88	51	51	N.	Number 53	53	53	23	23	21
					SMSA's	's in the	Western	region				
	•• ••	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol
Mean, weighted 6/ : Mean, unweighted : Standard deviation :	2.2	5,756 5,530 970	173 164 32	95 96 6	15,286 15,711 4,405	205 180 36	89 16 6	15,698 15,650 2,416	189 177 30	97 96 7	15,424 15,868 3,488	222 184 36
Number of SMSA's	38	38	38	22	22	N 22	Number 26	26	26	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 firm concentration ratio, 1972--Continued

Ttem   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Sal	••			All gro	grocery stores					Supermarkets	arkets		
Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Selling   Sales   Coverage   Coverage   Sales   Coverage   Coverag			firms		Four	largest firms	s <u>2</u> /		All firms 2/		Four	largest firms	s <u>3</u> /
Sq. ft. Dol. Pct. Sq. ft. 1,972  i.9 4,739 183 91 133  i.0 1,9 4,891 180 95 12  i.o 1,9 4,739 183 95 12  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. Pct. Sq. ft. Dol. Pct. Sq. ft. Dol. Pct. Sq. ft. Dol. Pct. Sq. ft. Dol. Sq. ft. Dol. Syksa's with 1972 ft. 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. Pct. Sq. ft. Dol. Pct. Sq. ft. Dol. Pct. Sq. ft. Dol. Pct. Sq. ft. Dol. Sq. ft. Dol. Pct. Sq. ft. Dol. Sq. ft. Dol. Pct. Sq. ft. Dol. Sq. ft. Dol. Pct. Sq. ft. Dol. Sq. ft. Dol. Sq. ft. Dol. Pct. Sq. ft. Dol. Sq. ft. Sq. ft. Dol. Sq. ft. Dol. Sq. ft. Sq. ft. Dol. Sq. ft. Sq. ft. Dol. Sq. ft. Sq. ft. Dol.	Item	Coverage ratio		Sales per sq. ft.	Coverage ratio	1	Sales per sq. ft.	Coverage ratio	Selling area per store	Sales per sq. ft.	Stores reporting	Selling area per store	Sales per sq. ft.
Sq. ft. Dol. Pet. Sq. ft.   Sq. ft					SMSA's with	1972 four-firm		concentration ratios	os of 60 percent	ent and over	er		
1.9	••		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
58	an, weighted $\frac{6}{6}$ ; an, unweighted : Standard deviation :	1.9	4,739 4,891 1,277	183 180 35	91 95 9	13,320 12,724 2,802	203 204 46	90 93 10	14,211 14,188 2,154	208 198 26	96	14,890 14,957 2,053	197 199 39
Sq. ft. Dol. Pct. Sq. 14, 1972  Sq. ft. Dol. Pct. Sq. 14, 120.  2.4 4,754 176 93 14  2.4 4,720 168 95 13  39 1175 29 10 33  Sq. ft. Dol. Pct. Sq. 13  1.115 2.5 4,633 164 94 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 14	mber of SMSA's	28	58	58	35	35	Nu: 35	Number 23	23	23	18	18	18
Sq. ft. Dol. Pct. Sq. ft.   Sq. ft	••						rm concentration	ration ratios	os of 50 - 59	.99 percent	비		
iton: 2.4 4,754 176 93 14  2.4 4,720 168 95 13  195 13  107 76 76 44  Sq. ft. Dol. Pct. Sq. 13  108 88 88 58  Sq. ft. Dol. Pct. Sq. 13  109 93 13  100 93 13  101 94 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 13  Sq. ft. Dol. Pct. Sq. 14		••	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
76 76 44  SMSA's with 1972  Sq. ft. Dol. Pct. Sq. 13  2.5 4,633 164 94 13  2.5 4,633 164 94 13  88 88 88 58  Sq. ft. Dol. Pct. Sq. 12  Sq. ft. Dol. Pct. Sq. 12  2.8 5,019 149 94 14  2.8 5,019 149 94 16  2.8 5,019 149 94 16  2.8 2.3 23 114	an, weighted <u>6/</u> : an, unweighted : Standard deviation :	2.4	4,754 4,720 1,175	176 168 29	93 95 10	14,071 13,887 3,653	194 191 40	88 87 11	14,113 14,214 2,417	195 187 29	95 94 10	15,196 15,171 4,180	201 191 27
Sq. ft. Dol. Pct. Sq. 133 2.5 4,633 170 93 133 2.5 4,633 164 94 133 134 94 134 1115 29 88 58 58 5,019 1,115 2,8 5,019 1,49 94 1,45 2,8 5,019 1,49 94 1,45 2,8 1,062 23 10 6 6 6 7 1,062 23 144 164 164 164 164 164 164 164 164 164	mber of SMSA's	76	76	76	77	44	Nu 44	Number 48	48	87	28	28	27
Sq. ft. Dol. Pct. S  4,793 170 93 11  2.5 4,633 164 94 1  3.8 88 88 58  SWSA's with 1972  Sq. ft. Dol. Pct. S  5,255 162 93 1  2.8 5,019 149 94 1  2.8 5,019 149 94 1  2.3 23 23 14		<u>.</u>			SMSA's with		rm concentration	ration ratios	os of 40 - 49	.99 percent	ابه		
4,793 170 93 1 2.5 4,633 164 94 1 3.8 1,115 29 8  88 88 58  Sq. ft. Dol. Pct. S  2.8 5,019 149 94 1 2.8 5,019 149 94 1 2.8 5,019 149 94 1 3.3 23 23 14	••		Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
### SH #### SH ###  SH ###  SH ###  SH ### # SH ### SH ### SH ### SH #### SH #### SH ##### SH ### SH ### SH	an, weighted 6/ an, unweighted Standard deviation :	2.5	4,793 4,633 1,115	170 164 29	93 94 8	13,896 13,642 3,458	192 184 38	88 9	14,310 13,849 1,874	187 179 26	96 95 10	14,815 15,072 2,745	208 195 39
Sq. ft. Dol. Pct. S Sq. ft. Dol. Pct. S 2.8 5,019 149 94 1 ion: .8 1,062 23 10 2.3 23 23 14	mber of SMSA's	00 00	88	88	58	58	Nu 58	Number 61	61	61	34	34	33
Sq. ft. Dol. Pct. 2.8 5,019 149 94 1on: .8 1,062 23 10 23 23 23 14	1					1972 four-firm	m concentration	ation ratios	s of less than	in 40 percent	int		
i 2.8 5,019 149 94 ion: .8 1,062 23 10 i: 23 23 14			Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.	Pct.	Sq. ft.	Dol.
: : 23 23 23	ean, weighted <u>6</u> / ean, unweighted Standard deviation	2 00 00	5,255 5,019 1,062		93 94 10	13,431 14,222 6,518	195 172 41	80 85 8	14,265 14,166 2,695	189 172 25	95 95 11	15,266 13,941 2,428	226 190 38
	umber of SMSA's	23	23	23	14	14	Nu 14	Number 20	20	20	10	10	10
See footnotes on following nace.	Cos footnotes on fol	i 11 ouring n	900									0	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

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

<sup>-- =</sup> Not applicable.

<sup>1/</sup> Excludes establishments without payroll.

 $<sup>\</sup>overline{2}$ / Data for establishments that reported selling area. Reporting rate may vary with firm and store size.

<sup>3/</sup> 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.

<sup>4/</sup> 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.

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

<sup>6/</sup> 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.

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

	DISTRI	DISTRIBUTION OF	1 00	IZE OF FI	M 2/	DISTRIBUTI	ON OF FIRM	IS* STORES	BY SIZE OF	STORE 3/	TOTAL
SMSA AND FIRM SIZE	S4 MILLIO AND OV	Z 45 1	9999 L 10N	\$500,000: TO \$1	LESS THAN \$500+000	\$4 MILLION AND OVER		\$1- 1.09		LESS THAN \$500+000	2 .0
				1	1	6	1 1 3	1 1 5 = 1	1 1 1	1	NUMBER
	I i		5	6		α	- 0		- 0	80.9	131
ABILENE TX:	100.0	100.0	• = 1	•	9 6	7.7	46.2		2	0	-
4 LARGEST FIRMS	100.0	_ 0	1 0 0	9 4	. (		•	18 68	25.0	56.3	16
5-8 LARGESI FIRMS: ALL OTHER FIRMS :	0	<b>.</b> 0	• v o	4 0 0 0	91.5	. 0	0	0	4	ນ	102
	0	0	C	C		- 0			8.6	7	
AKKUN AKKUN AKKUN COR.	3 · 20 T	0 0 0 0	2 6	, -	M C			-	4.2	63.9	ď.
T O TOUTON THEMS	70.4	300	o a	- ഗ		. IO	26.7	40.0	30.0	0	30
ALL OTHER FIRMS :	0	33.3	45.2	57.1	66.5	0	5		8.7	79.2	
		1		6	6	•		4	α,•	87.4	111
A C)	100.0		<b>5</b> '	0.001		4 4		1 4			1
4 LARGEST FIRMS	160.0	J 0 0 0	0 0	, ,	<b>9</b>		2 LC	15.8	ព្រះ	73.7	19
ALL DIRECT FIRMS	<b>.</b>	• •	5 KJ 5 KJ 5 KJ 5 KJ	0 CO	85.6	0		2.3	1.2	96.5	98
	,	•								-	ŀ
ALBANY-SCHENECTAD NY:	100.0		100.0	100.0	100.0	1.7	7.4	7.8	9	77.1	712
4 LARGEST FIRMS :	75.0	75.5	44.6	34.9							D 0
5	8 • 3		10.7		0	5 6	55 • fs	° 4	о ч С «	0 0	0 1 4
ALL OTHER FIRMS :	16.7	5.7	4		98.9	n.	ត •			•	3
	•			0.001	10000				3. 3.	77.1	245
ALECULERACE NA.	7	100	2 0			4 8	50 • 6			0	42
TANGLE TANGLE TANGLE TO THE TANGLE TA	0000		4		43.4	2.3	0	1.1	2, 3	4	Φ,
ALL OTHER FIRMS :		0	13.0	75.0	56.6	0	c				116
••			-		6	c			0.4	91.0	223
ALEXANDRIA LA:	100.0	100.0	100.0	100-0	100-0		4 Te C	40.00			6
- 1			9 0		4	6		4			14
5-8 LARGEST FIRMS: ALL OTHER FIRMS :	<b>&gt; 0</b>	<b>.</b>	2 0	88.9	94.6	۰	0	0	4.0	9	200
••						c			6.1	•	541
×	100.0	100-0	100.0	100.0	0.00	7.7	26.90	46.0	9.6	9.6	52.5
4 LARGEST FIRMS :	10 1 10 1 10 1 10 1	0 0 0 0	e n	n c		0 0 0 8		0	0		S
	33.00 0.00 0.00	O •	<b>ب</b> د	<b>-</b>	0	9	9 0	1.7		89.7	484
ALL OTHER FIRMS :	33.3	40.0	25 • U	10 0 17 10 10	0	0	•				
	c	100.0	ď	100.0	100.0	6		0	8 5	76.6	141
RGEST FIRMS	ت د	83.93	73.3	4		0	22.7	50.0	22.7	4	22
THE ARGENT FIRMS:	0	16.7	0	0		0		ö		M	15
	0	0	9	58.3	•	0	0		1.99		101
,	3	6	C	0.001	7000	6		32	00 0 0	67.0	
AMAKILLU	0 0 0 0	77.8	1 C	25.50		4 6	30.4	43.5	21.7	0	23
2	9		6		M)	0	. 0	ŝ	2.6	82.1	
ALL OTHER FIRMS	. 0	11.1	-	33.3	56.2	C	2.1		6.4	•	

SEE FOOTNOTES AT END OF TABLE.

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

		BUTION OF	RES BY		1.27	DISTRIBUTI	ION OF FIRMS	ST	ZE 0	E 3/	
SMSA AND FIRM SIZE	\$4 MILLION AND OVER:	\$2- \$3.999 MILLION	\$1- \$1.999 : MILLION :	\$500,000: TO \$1	LESS THAN \$500+000		\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000: TO \$1 :	LESS THAN \$500,000	NUMBER OF STORES
	1	1 1		8	PER	PERCENT			1		NUMBER
ANA STRENGTH OF THE	0 0 0	0 001	- 6								
ر ڏ	0.001	1000	<b>3</b> •	0.07	0.00			• •	ф 8 8	+ n o	613
THE CANGES TANGES	15.5	3.7 ×	1 7 1	<b>.</b>	<b>-</b> C		•	•	- c	5 6	1 U
ALL OTHER FIRMS :	1101	24.0	65.6	100.0	100.0	1.1	5.0	) co	બ • યા	80.4	460
¥.	100.0	100.0	100.0	100.0	100.0	11.8			13.7	52.9	51
RGEST FIRMS	100.0		16.7		0				0	0	
ALL OTHER FIRMS :	<b>3</b> 0	20.0	66.7 16.7	71.4	100.0	<b>D Q</b>	14°3	2.9	28°6 14°7	79.4	34
2	0.0	100.0	100.0	100.0	100.0	3	;	9.	9.1	9	
RGEST FIRMS	100.0		57.1	0 (	0.0	20.0	40.0	26.7	0	13.3	15
ALL DIESE PIESE	<b>5</b> C	0 0 0	+ 4		200	<b>&gt;</b> c		n h	2 0	) )	t o
UINEN TINAS	•	•	0	•	1.06	2	5			•	0
	100.0	100.0	100.0	100.0	100.0			10	5.9		101
EST FIRMS	85.7	76.9	35.7	0	1.6		45.5	å		-	22
5-8 LARGEST FIRMS:	14.3	23.1	7.1	16.7	1.6	4 .	45.9	14.3	14.3	14.3	7
	0	0	57.1	83.3	1.96	0	0	-			72
. TO HOOMED TO THE TOTAL	000	0	0.001	0.001	0.001	7		6	4 4		145
4 LARGEST FIRMS	0		18.8			0		46.02	0		13
5-8 LARGEST FIRMS:	100.0	21.4	15.6	0	0	11.1	33.3	2	0	0	6
ALL OTHER FIRMS :	0		65.6	100.0	100.0	Ö		1.	17.1	62.6	123
SAHPV TILE	0.001	100.0	100.0	100.0	0.000	- 0		- (	1.4	F - 18	101
4 LARGEST FIRMS	100.0	84.6	500	62.5	, -	6.1	13 13 13 13 13	9	- IO		יו טוי
S	0	15.4	7.7	12.5					25.0		4
ALL OTHER FIRMS :	0	0	0	25.0	98.1	0	0	0		98°7	156
ATI ANTA	1000	100.0	1000	10000	100.0	G	- 1	- 0			1602
RGEST FIRMS	85.7	73.1	71.7	26.4	62	5.9	38.9	44.8	9.4	-	203
LARGEST FIRMS	7.1		7.1	2.8	14.7	:e			6.		218
	7.1		21.3	70.8	85.2	•1	6.		4.03		1181
TIN ALLO STING ITA	4000	1001	100.0		100.0	- 4		- 0	1.0		166
A LARGEST FIRMS	0.08		66.7					38.1	0 4		
5-8 LARGEST FIRMS:	20.0	22.2	0	0		6.3	12.5	0		81.3	16
LL OTHER FIRMS	0		33.3	80.0	89.6			3.1	3.1		129
									NAT COM		
AUGUSTA GA:			100.0	100.0	100.0		è,	ů.	e .	85.3	353
A LAKGENI TIZIN	0.00		61.0	1 / • b	<b>ə</b> 0	11.05	20.9	0.00	11.5	<b>&gt;</b> c	7.5
ALL OTHER FIRMS		70.0	0 0	יי ער פי מי	0 - 0 - 0		9 (	• •	6 K	9 2 2	414
						•					1

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

	DISTRI	NO	ORES B	IZE OF FI	RM 2/	DISTRIBUTIO	ON OF FIRM	S. STORE	S BY SIZE OF	STORE 3/	TOTA
SMSA AND FIRM SIZE	\$4 MILLION :	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000: TO \$1	LESS THAN \$500,000	MIL	\$2- \$3.999 MILLION:	\$1- \$1.9 MILL	00,00 0 \$1 LLION	LESS THAN \$500,000	NUMB OF STOR
	1										
The state of the s	1	1 1	1 1 1		1 1	I I I				1	
AUSTIN	100.0	100.0	å	100.0	100.0	2.4	-	7.3	4.9	78.1	288
4 LARGEST FIRMS :	85.7	71.4	33.3	0	a	21.4	53.6		0		CV <
5-8 LARGEST FIRMS:	14.3		4	14.3	14.7	2.5	9		<b>5</b> 9		9 4
ALL OTHER FIRMS :			S	ις.	N)	0	0		5.6		215
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-	100.0	100.0				9.8	72.9	255
SANERSTIELD CA.		0 0	41.0		) c		62.5	29.5	0	0	24
RED ADDENT FIDEN				0	0	100.0	0	0	0	0	4
ALL OTHER FIRMS :	0	6.3	68.2	100.0	100.0	۵	4.	9.9	11.0	81.9	227
••							ı		C L		46.44
	100			100.0		ا د ا	0 1		0.0	0	146
EST FIRMS	84.6	63.9	32.6	å .		37.07	36.5	19.5	7 -	76. 7	0 10
5-8 LARGEST FIRMS:	12			н,	9	20 0	U • T T		4 4	- a	1194
ALL OTHER FIRMS	ю		ກໍ			7.	0			h.	1
	000		2		100.0	4	9.9			83.1	455
BAIUN KUUGE					, ,	5.7	71.04	- 4		0	35
- 40			16	21.7	, [	0	ω • υ	10.5	89	77.2	57
ALL OTHER FIRMS		10.0	40.9	73.9	88.4	0	• 8				363
$\vdash$	100		.0	100.0	100.0	9 • 0	8.7		11.9	0 • 69	126
4 LARGEST FIRMS	100.	ភូមិ ភូមិ	-	9 1	0				oι	. c	9
LARGEST FIRMS	0 0	գ Ծ Մ	N N N	1300	100	0 0	, 0	9 60	11.7	84.0	103
ALL OTHER FIRMS		9	•	9	9	•	•		1		
MI VIII	100			100.0	100.0				2.2	82.4	91
4 I ARGEST FIRMS	10	88.9	33.0	0	0	18.2	72.7	9.1	0	0	11
5-8 LARGEST FIRMS:			vo.	0	8	0				66.7	ים ל
ALL OTHER FIRMS :			J	100.0		0	0	0	N .	•	1,1
9 4 4 5			0	0.001	1001		1-4	00	7.3	84.7	465
BEAUMONI-FORI AKI IX:	-1		•	• • •		22.2	77.8		0	0	80 =
THE LAPOROL FIRMS:	000		9 102		33 8 80	₫	9.5			71.4	21
I OTHER FIRMS		15.8	76.9	100.0	96.2		1.		8 • 0		426
								-		ш	
BILLINGS MT:	10		100.0	100.0	100.0	1.6		13.1	11.5	000	10
4 LARGEST FIRMS :	100.0	60.0	ທີ	0	0	10.0	30.0	•	<b>&gt;</b> C		9 6
ī5			0	0	9	<b>=</b>			4 > C		4
ALL OTHER FIRMS :		0	25.0	100.0	100.0	O	o	104			-
	000		_	- 6	300.0				2.6	85.8	233
SILUAI-GULTPURI	-	78.9	71.4			4 5	68.2	22.7	4.5		22
STATE AND TAKE		, -	14	9	10	0	2		3.1	81.3	32
ALL DINER FIRMS	0	0	14.3	9	87.0	0	0	9.	2.2	7	179
										NOC	TAHEDEL

SEE FOOTNOTES AT END OF TABLE.

	1	1	STORE	ZE OF FI	M 2/	DISTRIBUTI	ON OF FIRM	i -	12E 0F	E 3/	8
SMSA AND FIRM SIZE	\$4 MILLION AND OVER	\$2- \$3.999 MILLIC	\$1: \$1.999 : MILLION	\$5004-000: TO \$1	S NO	S4 MILLI	999 LION	1 6 7	00,000 0 \$1 LLION	ESS HAN 0 • 000	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1					ERCENT					NUMBER
NO FEMALES OF THE PROPERTY OF		000	- 0		c		,	4	L 1		6
NI CT FTRMS	1000	7 · C · S	<b>P</b> C	9 4	0.00	, c	o s	•	å	4.27	283
5-8 LARGEST FIRMS:		26.3	31.05	0 00	0		74.67	61.0	14.0		7 1
ALL OTHER FIRMS	0	21.1	28.6	25.0	98.0	0	1.8	5	1.8	91.0	221
BTRMTNSHAM	100.0	100.0	- 0	ď	0.001	7	0				0
CT FIRMS	1 5	9 6	9 0	ב ה ה	9		א ה ה	• • u	7 - 0		7 0
		0 00	13.0	, 0	M 6 6		1 20	0 0	- K-		4 4
ALL OTHER FIRMS :		21.6	37.7	82.5	0.96	0	1.0	3.1	4.0	91.9	832
T SHOOM INCH ON I WOOD IS	0	0	0						,	4	í
A LABREST FIRMS	100	2 K	9 K	• -	90	10.E	- 0	ຸ ດີເ	•	E •	n °
5-8 LARGEST FIRMS:		16.0	66.7	11.1	· c		200	100	o t	o c	C 4
ALL OTHER FIRMS :	0		0	77.8	100.0	. 0	0	0	16.7	83.	4 2
BOISE CITY ID:	100.0	100.0	0 1	100.0	100.0	1.1		۲.	10.0	71.1	06
THE LARGEST FIRMS	0 • 0 · 0	00 to 00 to	7 * 8 C	V C	٦ ۲	• 0	9 14	7-07	13.5		15
ALL OTHER FIRMS	0	0	9 4	77.8	62.5	. 0			14.6	0 60 0 60 0 60	A 4
										1	?
BOSTON MA:	***	100.0				ů,	٠,	ខំ		74.1	1670
4 LARGEST FIRMS		51.6	CU IC	0	2.0					m e	cο 0
ALL OTHER FIRMS :	15.2	29.4	61.4	75.6	96.4	1.1	D CV	רא ר	າຜ	85.9	1389
			3								)
CI	100.0	100.0	0	100.0		4 (	ν υ υ	5	4.9	79.9	309
4 LAKGES! FIRMS .	20 00 00 00 00 00 00 00 00 00 00 00 00 0	, c	n +		• 6			•			31
ALL OTHER FIRMS :	7.7	12.5	33.3	93.3	98.6	0 4	7. 77 L.	2.5	50 C	91.4	269
BRISTOL CT:	100.0	10001	100.0	c	100.0			13.9	e	49.4	72
4 LARGEST FIRMS	100.0	80.0		0	0	20.0	80.0	0	. 0		ກ
5-8 LARGEST FIRMS:		20.0		0	0	0	°		0	0	ເດ
ALL OTHER FIRMS		0	0	0	100.0	0	0		0	2.96	26
BROCKTON	100.0	100.0	C	ď	100.0			- 6	9	74.5	
4 LARGEST FIRMS :	100.0	77.8	50	200	0	25.0	43.8	25.0	6.3	0	161
5-8 LARGEST FIRMS:			0	.0				0	7.7		
ALL OTHER FIRMS :		9	50.0	0		0	0	5.5		90°4	
BROWNSVILLE-MARLI TX:	100.0	100.0	ů		100.0					86.9	221
4 LARGEST FIRMS	100.0		8	9	0	36.4	8	9		9	11
ALL OTHER FIRMS:	<b>-</b>	0 0 0	4 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	16.7	100.0	c c	22.2	66 ° 7	11.1	920	201
	•	•	3	3							•

CONTINUED--

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

	DISTRI	IBUTION OF	STORES BY	ZE OF FI	2/	DISTRIBUTI	į tu	STORES	BY SIZE OF	STORE 3/	1 <
SMSA AND FIRM SIZE	S4 MILLION AND OVER	\$2 \$3.999 MILLION	\$1- \$1.999 MILLION	\$500+000: TO \$1	LESS THAN \$500,000	S4 MILLIO AND OV	99		500,000 TO \$1 ILLION	ESS HAN 0 0 0 0 0	
						CENT					— Ш Ш
• • •											7.4
X	0.0	-	0	100.0	100.0	4.0	in c	O M	: ↑ •	0 0	<b>.</b>
4 LARGEST FIRMS	0	75.0		<b>0</b> (	D 6		0 4	. 4		. 0	i PO
5-8 LARGEST FIRMS:	0 0	0 0 0	• ၁၀	100.0	100.0	0	0	0	1.5	98 • 5	65
											σ
Ν		_					9 0			6.1	114
4 LARGEST FIRMS	60	-	-	ů,			<b>a</b> (		4	9 4	N
5-8 LARGEST FIRMS: ALL OTHER FIRMS :	11.5 50.6	21.7 35.0	39.7	60.5	98.3	1.5	2.5	ы • •	5° C		851
						•					159
$\Box$	ø	100.0		0	0.001	<b>5</b>		• Г Ц	, ,		, -
4 LARGEST FIRMS	0		9	9,		<b>5</b>	0 (		9 6	•	9
5-8 LARGEST FIRMS:	0	25°ů	26.7	16.7	بر 0 ح	<b>&gt;</b> C		)		98.5	135
LL OTHER FIRMS		0		•	•	•	•				
30			ď	e C	100.0				. 0	76.5	243
	1	3 6	50.5	26	•					4	22
U			18.8	6.7	D,	₽ <b>₽</b>	8.7	6 5	2.5	78 • 3	1 4
)	40.0	43.8	31.3							ດ	6/1
					0		-	- 6	- 6	62.3	77
CEDAR RAPIDS IA:	100	100.0				0.0	53.6			0	22
4 LARGEST FIRMS :	100	• 000	6 Z e 3	• •				42.9	14.3	42.9	7
5-8 LARGEST FIRMS:	<b>o</b> c	<b>&gt;</b> @	• - =	0 ° 0 9	93.8	0	0	0		ы	48
2							,				R. R.
	1.0	•		100.0	100.0	3.66	16.4		7.00	74 C	15
	100	88.9	- 1	0 (		0	9 0		. 0	0	ហ
S-8 LARGEST FIRMS:	0 0		5/e5	100 H 00 H 00 H 00 H 00 H 00 H 00 H 00	9 G G	. 0		ις. •	14.3	80.0	35
ALL OTHER LINES		,								1	473
S	100.		0	100.0	100.0		9	ก ( ก (	4 6	000	1 1 2
4 LARGEST FIRMS	50	25.0	24.0	4 .		14.5	0			P	17
E	50.	8	9		0	<b>:</b> .	•	e V (	9 14	3,10	441
OTHER FIRMS		\$	ö	7 .	99.8	0				4	
			c		100-0	9					308
	7 -	9 9 0	9 0	3	1	7.4	63.0	18.5	3. T	-	27
MAKEEVI TIREVI	9 6	- 10	1 4			0					12
AL DIHER FIRMS	0	0	72.7		95.6	0	0			e (D)	269
	1			6	0	4	- 4	- 6			
CHARLOTTE-GASTONI NC:	100		10000	Tech	•			50.0	13.2	5	
4 LARGEST FIRMS	1 (1)	9 6		, ,	6.7	2.00	20 • 4	0		77.6	64
5-8 LARGEST FIRMS:	0 10	N . 60	1901	66.7	92.6		•	1.6	3.6	4	
	3										

SEE FOOTNOTES AT END OF TABLE.

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

		- 1				: : : : : :		# # # # # # # # # # # # # # # # # # #			
•••	DISTRIBUTIO	BUTION OF	STORES BY	SIZE OF FIR	RM 2/	DISTRIBUTION	ON OF FIRMS	* STORES	BY SIZE OF	STORE 3/	
SMSA AND FIRM SIZE	s4 MILLION AND OVE	WE	15.31	500+000 TO \$1 ILLION	LESS THAN \$500,000	SA MILLI AND O	\$3.9 MILL	\$1- 1.99 ILLI	0,00 \$1 LION	LESS THAN \$500,000	NUMBER OF STORES
			9 9 8 8	1 0 0	- PER	ERCENT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i	1		£
*NT ANDOGA	100		9	-	100.0	4					0.74
T FIRMS	ם כ	9 6	<b>,</b> -	2.70	•	4°C			10.1		۵ د
V.			4 ٥	•		) ()	0 .	0 1		• ·	10
ALL OTHER FIRMS	ľ	23.3	36.1	73.7	97.9	8	1.7	4 10	3.5	91.2	400
CHICAGO	100.0	100.0	ď	ď			-		0		M
A LANGENT FIRMS	1	0 1	0 1		9 (		. K	e .	0 0	V -	7 4
5-8 LARGEST FIRMS:	9.0		. 6	,		7.08			F 6 6	9 (	0 10
LL OTHER FIRMS		21.5	45.4	78.2	95.2	6	2.0	4 •	6.7	86.0	3318
TANNITA	-								ú		L
CT FIRMS	1	9 6	o n	• 4	9		0 (	אור	1 0 0	•	0011
FIRMS	,		30.0	0 00	6.5	1 10 1 10	e e		1 HO	11	40
LL OTHER FIRMS		14.0	5.					2.1	5.1	91.7	981
	,		- (				1				
CLEVELAND OH:	_		0 (	100.0	0.001	e: e:	o i	-	8.7	73.8	1467
LAKGEST FIRMS		0.00	52.7	å	ů,	13.2	15.3	17.8	12.3		326
OFFICE CACE OF TAKE OF THE CALL OF THE CAL	12.0		<b>&gt;</b> r	<b>5</b>	<b>-</b> 1	31.65	٠,	0 1 (X	9 1	<b>5</b> (	9
ALL UIHER FIRMS	15.1		-	0 0 0	8/02		1.7	0	7.9	85.9	1103
COLORADO SPRINGS CO:	100.		0		•						116
4 LARGEST FIRMS :	100		36.4	8	43	13.5		- 0			52
5-8 LARGEST FIRMS:	0	50.0	54.5	14.3	0		36.4	54.5	9.1	0	11
ALL OTHER FIRMS :			9.1	7	56.6	0			. 0	88.7	53
COLLIMBTA	0.0		100.0	100.0	100.0	-		т С,	0.7	61.0	44
GEST FIRMS	100.0	60.0	0	9		40.0	60.0				- 10
5-8 LARGEST FIRMS:	0		8	100	0		0.			. 0	ហ
LL OTHER FIRMS	0		71.4	66.7	100.0	0		14.7	LC .	79.4	34
SC	100.0	100.0	ď		100.0	4			- 0	86.5	4
RGEST FIRMS	100.0	45.0	74.1	9	0		28.1	62.5	3.1	0	32
5-8 LARGEST FIRMS:	0	15.0	50	0	8 3	0				8	36
ALL OTHER FIRMS :	0 ,			6.06		0			2.7	93.6	377
STIMBLES	c		-	é	1000	c				0	2 4
4 LARGEST FIRMS	. 0	75.0	40.0	20.0		• •	37.5		12.5		16
T FIRMS	0			0		0			)	2	202
LL OTHER FIRMS	0		•	80.0		0		å	2.6	94.4	303
SIBMILLOC	100.0					4		c			077
GEST FIRMS				7-7	•			4 L		e 0 c	Ö a
5-8 LARGEST FIRMS:	20.0		400		, .	2.4	0 . 4			٥ د	107
ALL OTHER FIRMS :	5.0	15.6	36.6	5 8 6 5 5	87.7	. 0	1.5	9 9	0 0	84.0	476
	1										

CONTINUED --

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

	DISTRI	STRIBUTION OF	1 14	E 0F F	RM 2/	DISTRIBUTI	0 10	S. STORES	BY SIZE OF	STORE 3/	A TO
SMSA AND FIRM SIZE ::	\$4 : MILLION :	\$2- \$3.999	\$1- \$1.999	\$500,000: TO \$1	LESS THAN \$500,000		\$2- \$3.999 MILLIO		0+000 \$1 LION	LESS THAN \$500,000	NUMBER OF STORES
					1 4	CENT					NUMBER
• • •	ı				ē	,					
CORPUS CHRISTI TX:	100.0	100.0			100.0	10 00 00 00 00 00 00 00 00 00 00 00 00 0	4 4 6 5	9 4	10.0	0 4 M	600
4 LARGEST FIRMS :			٠,		• c						
5-8 LARGEST FIRMS:	ca C	15.4	2 2 2 3 5 6 6	75.0	87.0	0	80	2.5	6.3	0	
						- 4					
DALLAS-FT WORTH TX:	100.0		0					, ,	0 4 0 14		10
4 LARGEST FIRMS	44.0		<b>~1</b> (	o u	- 4	0 F	710	0 0	2.5	77.7	358
5-8 LARGEST FIRMS: ALL OTHER FIRMS :	4 8 0 0	12.3	19e1 29e5	82.1	8 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		.7	1 150 0 0	7.1		-
									0.79	73.5	00
5	100.0	100.0	0	100.0	100.0	0 to	T C	0 0			
4 LARGEST FIRMS	100.0	57.1	4		<b>-</b>				- 4		
LARGEST FIRMS	0	42.9	28.6	9	5 6	<b>&gt;</b> c	• V C		4	89.7	68
ALL OTHER FIRMS	0	0	-	•	0.00	<b>3</b>	•			١	
		100.0	- 6	100.0	100.0		•	7.	8.3	67.2	180
JAVENFURITACION ES IN-	•	200	46	0	0		48.5				33
R LANGEUL TINES .		10.00	23.1			9.1	-	27.3	27.3	9.1	+-1 v
ALL OTHER FIRMS :		0	30.8	80.0	99.2	0	0				136
							e c	-	a a	67.6	
DAYTON OH:	100.0	100.0		100.0	100.0		106 7-7-6				ı o
4 LARGEST FIRMS :	31.3		46.7	0 0		7:1	7.1	ינו פי	31.0	ព	4 2
5-8 LARGEST FIRMS:	8 G	60 50		7117	40.00		3.6		7.9	80.0	
ALL OTHER FIRMS		210	9		2						
DAYTONA BEACH FL:	100		0	0	0		7.4	9	6.5	79.2	216
LARGEST FIRMS	1 ~	93.8	46.2	35.7		4.0	•			•	ם כ
5-8 LARGEST FIRMS:	0		ů	4	0	0		9		· V C	2 A 1
LL OTHER FIRMS			50	ô	ĝ	0	5			u l	1
F	•		6	G	100.0		6		21.4	45.2	42
	7 -	201	4 0 10 10 10 10	11.1	0	25.0	58.3	8 3	8.3	0	12
			9	6	0	0	9.9		50.0		9 6
ALL OTHER FIRMS	. 0	0	0	S.	100.0	0	0	۵	•	19,02	7
					9					69.1	S
0	100		100.0	0.001	1000	2004		0 1 0	200	ے ا	N
4 LARGES	100.	78.8	9	ů,	0 (		9 6			9 10	133
S			<b>-</b>	<b>,</b>	200	<b>5</b> C		4.4	15,43	86.4	0
			43.5	86.4	•	5	•				)
<	100		•	100.0	100.0	7.2	6		5,4	68.1	166
4 LARGEST FIRMS	10	66.7	5	0	0		. 0	å		9 0	2 6
LARGEST FIRMS	0		23.5	11.1	0 5	0	0	40 t	1000	500 500 500 500 500 500 500 500 500 500	128
ALL OTHER FIRMS		0	÷	œ	100.0	9	9				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

	DISTRI	DISTRIBUTION OF	STORES BY	OF F	H 2/	DISTRIBUT	ON OF FIR	• ST	SIZE OF	STORE 3/	
IZE	84 MILLI	3 8 E	\$1- \$1.999 MILLION	\$500+000: TO \$1	LESS THAN \$500,000	1	\$2- \$3.999 : MILLION :	\$1- \$1.999 MILLION	\$500,000: T0.\$1 MILLTON:	LESS THAN 00+000	NUMBER 0F STORES
					1	PERCENT			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	NUMBER
••									0.0	91.6	9.6
FARGO-MOORHEAD ND:	10	100.0	10000	100.0	1 n n • n	0 0 0	• - ц	76.4			11
4 LARGEST FIRMS :	100	71.04	• ;	<b>5</b>			16.7	9	o c	6 (N c	12
5-8 LARGEST FIRMS: ALL OTHER FIRMS :	. 0	9 e P	42.9	100.0	87.5			4 • G	2.7	93.3	75
				٠,					0.5	0	200
FAYETTEVILLE NC:	100.0	100.0		100.0		7 4	7.01	17.0	,	40.00	0 0
4 LARGEST FIRMS :	0	_	- 4	5 0			0 (	8	6.7	. 0	15
5-8 LARGEST FIRMS: ALL OTHER FIRMS :	00	0.0	28.6	87.5	83.6	0	0	1.2	4 6 6	94.4	162
				٦		•					151
FAYETTEVILLE-SPRI AR:	0	100.0	0	100.0	100.0	<b>=</b> (	e D r	0 10 M	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	101
4 LARGEST FIRMS :	0	62.5	യ		<b>.</b>	<b>&gt;</b>	0000	6 (	200	o c	-
5-8 LARGEST FIRMS:	۰ د	37.5	300	بر ح د	300	<b>.</b>	• •	, M.	3.0	93.0	129
ALL OTHER FIRMS	Ð	5	_	•	•	•	o	•			
· VW VNINOR I - Squandii	0.0		100.0	100.0	100.0			4 • 0	14.0	60.0	50
CHOCKS-LECTING T			· C	0	0	0.09		0	0	0	ហ
STATE TOTAL OF THE				. 0	0	0	100.0	0	0	0	4
اب اب	0	25.0	106.0	100.0	100.0	0		4.9	17.1	73.2	41
						1			1		477
FLINT MI:	100.0		0	100.0	100.0	2000		0 1		0 0	יונו מיני
4 LARGEST FIRMS :	0.00		° +		• c	V 4	2 K2 2 K3 2 K3 2 K3 2 K3 2 K3 2 K3 2 K3	42.5	19.0		21
5-8 LARGESI FIRMS:	11.1	1004	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	84.0	99.66	0	3 6		7.9	83.1	278
ALL VINER LINNS	•		)	1						-	1
ᆜ	0	100.0	9	100.0	100.0	0	2 .	m v	EO P		230
GEST FIRMS	0	100.0	25.0	36.4	ស្ន	0 0	41.0	71.4	000	0 4	7
5-8 LARGEST FIRMS:	0 (	0 0	ъ С С С	7. V. I	0	<b>)</b>		4	2.8		211
ALL DINER FIRMS	0	•	· ·	r		•	,				
FORT LAUDERDALE-H FL:		•	0	100.0	100.0		10.5	ις (0)	4.2	75.4	202
4 LARGEST FIRMS :	93.5	9006	36.8	9.5		03 03 03 03	0		2 0	• •	0 0
5-8 LARGEST FIRMS:		5.7	_	28.6	19.7			9 0	g 4		162
ALL OTHER FIRMS :			÷	-	å		9			9	N
	000	-	c	1000			7.7		୧୯ ୧୯		130
THE MYERS	7 -	•	9 K	9 -		25.0		ď		9	16
FLANGES! FINAS .	5 C	1000	9 M		ີ່ເຕີ	0	5.3	10.5	0	84.2	19
ALL DINER FIRMS	<b>,</b> c		) IO O) IO O) IO O) IO	100.0	83.8	0		å	5.3	5	95
2	•		١ .						4		206
FT SMITH AR:	10	100.0	100.0	100.0	4000	4	0 (	200		• 7 c	d e
LARGEST FIRMS	100.	57.1	4 0	0 0	<b>.</b>	7.1	100.0	n • •	o C		1
LARGEST FIR		42.9	1 2	P 6	0	> <	3 0	4	60	92.8	209
ALL OTHER FIRMS :		<b>.</b>	35.0	100.0	ŝ	>	•			1	

SEE FCOTNGTES AT END OF TABLE.

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

	DISTRIBUTION	SUTION OF		IZE OF FI	M 2/	DISTRIBUTI	N OF FIRM	• STORE	Y SIZE	E I	1
MSA AND	\$4 MILLION AND OVE	8 0 N	9999 LION	\$500,000: TO \$1 ::	LESS THAN \$500,000	S4 HILLION:	\$2- \$3.999	\$1-999 MILLION	\$500,000: TO \$1 :	LESS THAN \$500,000	NUMBER STORES
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										l r	NUMBER
				-						9	130
FT WAYNE IN:	-	100.0	0	100.0		20.0	16.5		10.0	50 eb	1 / 0
ARGEST FIRMS	080	66.4	• •	ה					2 P		14
ALL OTHER FIRMS		17.9	2 8 8 2 2 8 9	64.7	18°1	0	0 ° 5	1	8.7	79.5	127
FRESNO CA:	10	100.0	100.0	100.0	100.0	1.2	0 • 9	7.5	10.2	75.1	401
4 LARGEST FIRMS :	4	58.3	'n	0		7.07	53.8		0 (		56
5-8 LARGEST FIRMS:		0	۰ م	0	0	16.7	ro τ	, - \	7 .	000	260
ALL OTHER FIRMS	4	20.8	1001	100.0	0.66	0		0	7 0 7 7		000
SANSDEN AL		100-0	d	0	100.0	,	4.5		2.5	88.5	157
RGEST FIRMS		57.1	42.	50	0	C	44.4	- 0	22.2		
5-8 LARGEST FIRMS:		42.9	14.3	0	0	0	75.0	S	0	0	
ALL OTHER FIRMS :	0	0	2	20.0	100.0	0	0		1.4	96.5	144
		I		- 3		,				u	6
GAINESVILLE FL:	100.0	100.0	9 (	100.0	100.0	1°5	 		I.c		128
	100	100.0	12.5	0 (	÷	11.1	11.1	200	<b>5</b> C	0 0	0 6
5-8 LARGEST FIRMS:	<b>5</b>	<b>0</b>	<b>&gt;</b> r	<b>&gt;</b> 6	9 10	<b>.</b>			200	0 (	7 6
ALL OTHER FIRMS	9	0	-	0.001	•	9			•	•	
GALVESTON-TEXAS C TX:		100.0	0	100.0	100.0	ទ	4.2		5.1	81.3	214
4 LARGEST FIRMS :	10	66.7	4	9.1	0	5.9	35 • 3	52.9	5.9	0	17
5-8 LARGEST FIRMS:		33.3		0	₩.	0	13.0	0	0	-	201
ALL OTHER FIRMS		0	52.6	90.9		0	0	2.5	) • C		1/4
SABV-HAMMOND-FACT IN-		100.0	1000	100-0	100.0	- 0	80		5.7		369
4 LARGEST FIRMS	0 0 0 0	4 60 4	3000	19.0	•	17.1	42.9	25.7	11.4	2.9	35
5-8 LARGEST FIRMS:		12.9	23.3	0	0		22 • 2	8	0		18
ALL OTHER FIRMS :	(A)	38.7	46.7	81.0	9966		ب ش ش		л. ф	84.2	316
	•	6	5		0.001	0,10	6.7	ď	6.0	49.4	271
STAND KAPILOS ALS	) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	57.1	70.00		3 0	48.1	29.6	22.5	0	. 0	27
STATE TARGET TARKS		21.4		. 0	0	50.0	50.0	0	0	0	9
ALL OTHER FIRMS		21.4	78.6	100.0	100.0	0	1.3	9.2	10.5	79.0	238
			•								
GREAT FALLS MT:	100.0	100.0	100.0	100.0	100.0	J	3.4	15.5	5.2	72.4	28
4 LARGEST FIRMS :		100.0	66.7	0	0				0		10
5-8 LARGEST FIRMS:		9	33.3	0	19.0	0	0	•		N 4	11
ALL OTHER FIRMS	0	0	0	100.0	÷	0	0	D	8.1		20
× 40 Number	c	1000			100.0	G	•	1		56.2	
FOT FIDMS		0 0	9 4	8 6		. 0	4	9	7 -8	0	23
A LANGE OF A MIDEO.	o c	1101		27.3			14.3	28.6	42.9	4	7
ALL OTHER FIRMS	0 0	0	21.1	54.5	98.0	0	0	9	10.2	83.1	59

SEE FOOTNOTES AT END OF TABLE.

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

	DIST	IBUTION	STOR	SIZE OF FI	RM 2/	DISTRIBUTI	ON OF FIRE	• STO	BY SIZE 0	RE 3	
SMSA AND FIRM SIZE	LION	\$2- \$3.999	1- 99 LL I	000	LES THA \$500+	s4 MILLION AND OVER	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	: \$500,000: TO \$1	LESS THAN \$500,000	NUMBER OF STORES
						PERCENT			1	1	NUMBER
- 0				•			P				0.40
GREENSBORD-WINSID NC:	100.0	100.00	<b>ગ</b> (	9 <	7 • n n T		9 4		9 0		rν
A LAKGENI FIKEN	0.00	† • † P	VU	tc	1 -	7 F	76.7	0 (			3.0
ALL OTHER FIRMS :	0 0	17.1	31.9	72.9	7.66			2.7	4	92.4	843
							,			ı	4
GREENVILLE-SPARTA SC:	100.0	100.0	ο.	0 (	100.0	6.0	5.1	n o	K . 7	0 0 0	249
4 LARGEST FIRMS	100.0	81.8	74.3	ο,			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 K	7 00	0 0	100
D-8 LAKGENI FIRMS:	9 6	9.1	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	57.9	99.3	0 0		200	1.9	97.3	566
HAMILICN-MIDDLETO OH:	100.0	100.0	0	100.0	100.0				4.5	80.4	199
4 LARGEST FIRMS :	75.0		M	11.1	0	15.0	45.0		5.0	0	20
5-8 LARGEST FIRMS:	25.0	10.0	18.8	11.1	15.0			10.0	3.3	80.0	30
ALL OTHER FIRMS :	0	0	-	77.8	ນີ້	0	0		4.7		149
1	6	6	<	6	6		7.3	-	r.	7.77	364
HAKKI SBUKG	100.01	0.001	⊃ (	0.00	2		- U		2 4	- u	) 4
- 4	122 2	8008	1 V	L 4 4 L	. 4		V M		0 4	5.5	e e
ALL OTHER FIRMS	, , ,	10.00	39.83	76.2	92.2	0	4	e e e e	ភូទ	89.4	292
	,		١.								
	100.0	100.0	100.0	100.0	100.0	M)	10.0	10.7	ري دي دي	66.1	419
4 LARGEST FIRMS :	0.09	50.0	37.8	•	. 7	s o	36 8				, c
5-8 LARGEST FIRMS:	20.0	16.7	œι	0	<b>5</b>		0.00	ů,	, 0 C	9 0	4 4 4
ALL OTHER FIRMS :	20.0	33.3	53.3	80.0	48.0	•				0 • 6	r
I H	100.0		0	100.0	100.0		-		8 3	72.0	314
GEST FIRMS	(M)	9.69	28.6	0	0	40.5	43.2	16.2	0	0	37
5-8 LARGEST FIRMS:	11.1		0	7.7	0	Б.	-		33.3	0	9
ALL OTHER FIRMS :	5.6	21.7	71.4		100.0	4	-	ស ស ស	8.9	83.4	271
NOTA	100.0		ď	1000	100-0	1.7			IU e iu	81.5	2226
RGEST FIRMS	47.4		3 (	1.7	,	12.4	61.4	23.4	1.4	1.4	145
LARGEST FARMS	15.8	4.2	0	1.7	17.2	44			9 •	95.7	327
ALL OTHER FIRMS :	36.8	33.1	70.2	96.6	82.6	80		4.6	6.4	85.5	1754
		I	•					1			0 10
HUNTINGTON-ASHLAN WV:	100.0	100.0	0	100.0	100.0	20 4		• .	7 * 0 *	9	0 +
4 LARGEST FIRMS	100.0	28.6	22.2	60 6	<b>=</b>		2001	40.0	7007	<b>-</b>	0
5-8 LARGEST FIRMS:	0	21.4	N I		<b>&gt;</b> (	<b>&gt;</b> (		• 0 <		<b>1</b> C	
ALL OTHER FIRMS :	0	20.0	ഗ	91.7	100.0	0		7 • 4	<b>5.1</b>	9	190
HUNTSVILLE AL:	100.0	100.0	100.0		100.0	•2	4.0		3.7	87.4	
LARGEST FIRMS	100.0	81.3	57.9	20.0	10	3.4		37.9	10.3	9	29
5-8 LARGEST FIRMS:	0	12.5	15.8	0	7.6	0	6.3		0	84.4	
OTHER FIRMS	0	9	26.3	80.0	92.1	0	e 10		ភ ភ		

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

NUMBER OF STORES	NUMBER 609 131 27 451	107 150 150 150 150 150 150 150 150 150 150	4 - 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	288 388 4 4 2 1 4 2 2 3 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		86 12 4 70
LESS THAN \$500+00	1 4 M D W	75.7 6.7 92.0 87.2 87.2		82 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		94°3
\$500,000: T0 \$1	8 8 6 7 7 8 0 0 4 8 8 0 0 0 4 8	8 • 4 • 20 • 0 • 6 • 9 • 3 • 3 • 5 • 1 1 7 • 6 • 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		27.6 6.4 0 3.6 3.6 3.0 3.0 9.8		8 0 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
\$1- \$1-999 MILLION	12.0 28.2 14.8 7.1	3 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		10.00		2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
\$2- \$3.999 MILLION:	1 50 50 50 50 50 50 50 50 50 50 50 50 50	44 N 0.00 N M 	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	740 400 000 000 000 000 000 000 000 000		12.8 58.3 100.0
84 : 84 : 8 HILLION : 8 HILLION : 8	ERCENT	26.7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.1 2.1 10.0	러 ID 10 6 6 6 6 8 4 급 60	0000
LESS THAN \$500,000	100.0 4.3 0 95.7	100.0 100.0 100.0 1.0 1.0 1.0		1000.0 0 99.1 100.0 100.0 0 0 0	72.0	100.0 1.5 0 98.5
\$500,000: TO \$1	10000 2405 401 7104	100°0 120°2 11°1 66°7 100°0 150°0		100.0 55.6 0 44.4 100.0 23.5 58.6	100°0 12°5 0 87°5	100°0 20°0 80°0
\$1-15 \$1-999 #ILLION	100.00 50.7 5.55	1000 1000 1000 1000 1010 1010 1010		100 2 750 2 100 2	100°0 57°4 3°2 39°4	100.0
\$21   1   2   3   3   3   3   3   3   3   3   3	100.00 69.55 20.7	100.0 77.8 22.2 0 0 100.0 92.9 7.1	100.0 85.2 11.1 3.7 100.0 50.0 14.3	100.0 70.0 30.0 0 0 100.0 63.6 18.2	100.0 58.8 5.9	100.0 63.6 36.4
MIL		100000000000000000000000000000000000000	100 0 27 0 3 27 0 3 100 0 57 0 1 14 0 3 28 0 6	100.00 100.00 0 0 0 100.00 66.7 33.3	100 53.8 15.4 30.8	0000
SMSA AND FIRM SIZE	DIANAP 4 LAR 5-8 L	NGEST FIRM LARGEST FIRM OTHER FIRM NREEST FIRM		JOHNSTOWN PA:  5-8 LARGEST FIRMS:  5-8 LARGEST FIRMS:  ALL OTHER FIRMS:  4 LARGEST FIRMS:  5-8 LARGEST FIRMS:  5-8 LARGEST FIRMS:	KANSAS CITY HO: 4 LARGEST FIRMS: 5-8 LARGEST FIRMS: ALL OTHER FIRMS:	KENOSHA 4 LARGEST FIRMS : 5-8 LARGEST FIRMS : ALL ÖTHER FIRMS :

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

	ŀ	BUTION OF	STORES BY	SIZE OF FI	R.M.	DISTRIBUTI	F FIRM		BY SIZE	STORE 3/	
SMSA AND FIRM SIZE	į į	\$2- \$3.999 MILLION	\$1~ \$1.999 MILLION	: \$500+000: TO \$1:	LESS THAN \$500,000	84 MILLION: AND OVER:	\$2- \$3.999 :: MILLION ::	\$1- \$1.999 MILLION	\$500,000: TO \$1	LESS THAN \$500,000	NUMBER OF STORES
								1			1 Σ
			4					1		,	
KILLEEN-TEMPLE TX:			100.0	100.0	100.0	ຳ		ا مر	2.1		182
A LAKGEN TIKEN :		144 4	<b>⊣</b> r	<b>&gt;</b> c	• H		0 P P	1 • 1 0	<b>5</b> G		* T
ALL OTHER FIRMS :	00		30.8	100.0	86.0	0 0	0	12	3.0	93.08	144
			- 3			•				- 6	i i
KINGSPORT-BRISTOL IN:	001		<b>5</b> 4		100.0	 	2 e 2 e 2	•		70.0	100 100 100
SERVICE OF LANGE	9		۰۰ ۵	. الر		0	0 0	9 4	0 4	<b>&gt;</b> ~	N O
ALL OTHER FIRMS :	0	10.0	42.1	76.5	98.7	0 0	2 .	2.0	2.5	95.3	406
NE STEEN ACTION		100.0	- 2	-	100.0				7.0	-	487
A LARGEST FIRMS	100-0	0 4	9 6	2 0 M	2 PT			7.	0.00	1.00	
5-8 LARGEST FIRMS:		14.3		0		•	20.0	80.0	0		10
ALL OTHER FIRMS :	0			67.6	7.66	0		2	5.7	91.9	422
	100.0	100-0	- 6	100-0	0.001	1.7		-	8	74.1	r.
4 IARGEST FIRMS			200			16.7	9 6			0	9
5-8 LARGEST FIRMS:	0	33.3	50.0	0	0	0	25.0	75.0	0	0	4
ALL OTHER FIRMS :	0		0	100.0	100.0	0	0	0	10.4	9 6 8	48
- U	0	0	c	_	100		A . 6	1.7	7. 4		174
LA FST FIRMS			9 M	9 0		18.2	10 e	9.1	27.3		111
5-8 LARGEST FIRMS:	0	37.5	(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	16.7		0	0.09	20.0	20.0		S
ALL OTHER FIRMS :	0	0	5	m	100.0	0	0	9.	1.3	98.1	158
LAFAYETTE-WEST LA IN:	-		0	100.0	100.0	7.0		9.3	9.3	62.8	43
	100.0	100.0	25	0	0	33 . 3	55.6	11.1		0	6
S	0		5.	50.0		0	0	37.5	25.0	37.5	00
ALL OTHER FIRMS	0	0	0	0	å	0	0	0		S N	56
LAKE CHARLES LA:	100.0					. e				81.3	193
4 LARGEST FIRMS :	100.	66.7	e M	å	'n	. 0				843	21
5-8 LARGEST FIRMS:	0	33°3	18.2	11.1	11.5	0 (	ω •	8.3	80 0	75.0	24
ALL OTHER FIRMS	O		œ œ	ŝ	ຄໍ	n	9			90.0	148
LAKELAND-WINTER H FL:	100	100.0		100.0	100.0	1.7	5.6	5.0	2.6	85.1	302
4 LARGEST FIRMS :	100.0		9	0			48.3	34.5		Ф	29
5-8 LARGEST FIRMS:	0	ä	20.0	12.5	M	0	5.0	7.5	2.5	85.0	40
ALL OTHER FIRMS :	o		9	7.		0	4	6.		ດ	233
LANCASTER PA:	100.	100.0			100.0	7.	5.0			T.9.T	281
4 LARGEST FIRMS :	100.0	85.7	42.1	4.	a	8.7	52.2	34.8			23
5-8 LARGEST FIRMS:		4	0	13.6	0	0	7.4	0	11.1	81.5	27
ALL OTHER FIRMS :		0	57.9	÷		0	0	e-		•	231
SEE FOOTNOTES AT	END OF TABLE	LE.								CONT	CONTINUED

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

	DISTRI	DISTRIBUTION OF	STORES BY	SIZE OF FIR	RM 2/	:DISTRIBUTI	ON OF FIRM	S* STORES	BY SIZE OF	STORE 3/	
SMSA AND FIRM SIZE	\$4 MILLION: AND OVER:	\$2- \$3.999	1- 9999	1007	LESS THAN \$500,0	MILL AND	\$2- \$3.999 MILLION:	\$1- \$1.999 MILLION	\$500,000: T0 \$1	LESS THAN \$500,000	NUMBER OF STORES
		Ė				ERCENT					#
SANSTAG-FAST LANS MI	100.0	100.0	. 0		100.0			9.		70.9	261
4 LARGEST FIRMS	100.0	400	20 • 8	30.00	0	22.2	44.4	27.8	S	0	18
5-8 LARGEST FIRMS:	0	22.2	1.	- 4		0		7.		4	21
ALL OTHER FIRMS :	0	33.3	7.		99.5	0			0		222
LAREDO	100.0	100.0			100.0				6.1	83.5	115
ARGEST FIRMS	66.7	100.0	71.4	28.6	0	18.2	18.2	45.5	18.2	0	11
5-8 LARGEST FIRMS:	33.3	0		0	2.1	ů	0	0		40 • 0	2
ALL OTHER FIRMS :	0	0	0	71.4		0	c	0	5.1	4	66
N N NEGAS	100.0	100.0	0	100.0	100.0				3.0	74.7	166
4 LARGEST FIRMS	82.4	25.0	50.0	0	0	66.7	14.3	19.0	0	0	21
5-8 LARGEST FIRMS:	11.8	58.3	8	0	29.0		5				46
OTHER FIRMS	5.9	16.7	1.	100.0					5.1	00	66
	5	0.00	G		- 1	- 4		- 0	5.6	00	179
LAWKENCE-HAVEKHIL MA:	0 0		9 6	• • c	100		21.1			130	19
	1101	0 0 0		Ġ						0	00
ALL OTHER FIRMS :	0	30.0	40.0	80.0	97.9	0	2.0	2	5.3	90.1	152
										L	
LAWTON OK:	6	100.0	100.0	100.0	100.0	0 (	4 4	σ 0	1.5	80 0 0	30 ×
4 LARGEST FIRMS	0 (		• •• •	00		<b>&gt;</b> c		•		0 8	) (C
S-8 LAKGEST FIRMS:	> C	<b>&gt;</b> c		9 0	77.5	0 0	, 0	. 0	0	100.0	ល ស
אבר סוובע בייוס	3	•	•	•	•	,	•				
빞	100.0	100.0	0		100.0	2.5	4.4	4	9	82.4	91
4 LARGEST FIRMS :	100.0		50.0	ġ.	0					<b>.</b>	7 1
5-8 LARGEST FIRMS:	0 6	00	•	16.1	100,0	D C	<b>&gt;</b> c		0 0 0 0 0 0 0 0 0	94.9	79
ALE UINER FIRMS		5	•	•	8	,	,	•		•	
Ž	100.0	100.0	0	100.0	100.0	2.4	5	7.	7.1	78.4	255
4 LARGEST FIRMS :	100.0	76.9	∾ ₁	16.7			30 0 3				55
	0 (		11.1	10.0	ы Э 0	<b>&gt;</b> c		1.4		000	216
ALL UIMER FIRMS	9	5	۵		n .	0	>		b	•	
LIMA OH:	10	100.0	0		100.0	1.2	5 ° 3	8	10.6	74.1	1.70
	100.	88.9	53.3	5.6	1.6	9.5	8	38°1		6	21
5-8 LARGEST FIRMS:			9			0		÷			00 (
	0	0	0	6	94.6	0	0			•	141
N CONT -	100.0	100-0	ď	100.0	100.0			ហ	9.1	50.0	99
RGEST FIRMS	100.0	555.6	52.9	0	0	6.7	m	60.0		0	15
5-8 LARGEST FIRMS:	0	4.44	0	0	0	0	100.0	0	0	0	4
ALL OTHER FIRMS :	0	0	47.1	100.0	100.0	0	0	17.0	12.8	70.2	47
SEE FOOTNOTES AT	END OF TABLE	3LE.								.NOO	CONTINUED

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

NT =
8 8 0 8 7 7 7 8 8 0 0 0 0 13 3 3 3 3 5 0 1 8 8 0 1 8 8 0 1 8 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
1 5 1
1 000 M
100.0 91.1 91.1 100.0
12.5 0 0 87.5 100.0
29.5
100.0
1

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

	1	BUTION O	TORES BY	ZE OF FI	RM 2/	DISTRIBUTION	ON OF FIRM	S* STORES	BY SIZE OF	STORE 3/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SMSA AND FIRM SIZE	2	\$2- \$3.999 MILLIO	\$1- \$1.999	0,000: \$1	SS AN +000	\$4 MILLION AND OVE	\$2- \$3.999 MILLION		\$500,000: TO \$1 : MILLION :	LESS THAN \$500+000	- 2 0
					PER						NUMBER
			- 6		- 6	, , , , , , , , , , , , , , , , , , ,	0	ď	1 7 . 7	TC.	16.5
MADISON A LABGEST ETOMS .	100.0	1000	0 0 0	• • •	13.9	20.0	30.0	, , , ,		50.0	30
THE PRESENT MERENT	0	40.0	7.1		1	0	75.0		0	å	80
ALL OTHER FIRMS :	00	0	92.9	100.0	85.2	0	0		17.3	2	127
	0	0	6	0				5.7	0.0	80.0	135
MANCHESIEK NAS	100	- EC	0.00T	<b>5</b> C	• ·	37.5		37.5	0		0 00
S-B - ARGENT FIRMS:			2		0	0	0	0	0	0	4
	0	25.0	66.7	100.0	100.0	0	+1	4.9	5.7	87.8	123
		4			9	¢		r r	- u	70.0	7.8
MANSFIELD OH:	o (		100.0	1001	100.0	<b>-</b>		• 0	<b>7</b>	• •	0 6
4 LARGEST FIRMS	0 (	71.4	D ,	<b>)</b>	<b>&gt;</b> c	<b>&gt;</b> c	0 • 0 0 T		- c	<b>-</b>	0 42
5-8 LARGEST FIRMS:	9 0		1000	00.0	100	> c		- C	9	91.0	67
ALL OTHER FIRMS	9	0	ი .	•	9	o	•				
* TALLEN-DHARR-FULL TX	100.0	100.0	100.0	100.0		.7	In)		0 • 9	89.4	302
8	100.0	0	63.6	16.7	-	12.5	0	43.8	18.8	5	16
S	0	100.0	9.1	11.1		0	25.0	ນໍ	ô	0	4
ALL OTHER FIRMS :	0	0	27.3	72.2	98.5	0	0		4.6	94.3	282
	9		0	١,	0		-			- 4	186
MELBOURNE-IIIOSVI FL:	100.0	000	9 9	47.	1000	1 11	20.00	0 4	0	l ID	40
SAMPLE AND TANKS	• • • •	9 0	15.4	12.5	43.63	0	0	3.1	1.6	95.3	64
ALL OTHER FIRMS :	0	0	0	50.0	55.3	0	0	0	. 0	ຜູ້	82
							,				0
Z.	100.0			100.0	100.0	1 20	3.00	n -	1 • F	4664	932
T C - COULT TABLES	8 / e	9 - HC	•	0 P	1 - 1	4	32.0		1 E		25
ALL OTHER FIRMS	0 0	22.6	56.6	92.1	92.8	0	6.	l W	4.3	91.2	816
	•										Þ
MERIDEN CT:	100.0	100.0	0	100.0	100.0	4.7	7.0	0 (	~ 0	81.4	et M
4 LARGEST FIRMS :	100.0	66.7	0 6	りヽ		D • C		- c	0 0	57.1	1
A-B LAKGES! FIRES:	<b>-</b>	000	<b>-</b>	ρ ⊂	88.6		•	0		100.0	31
	•	•	•	•		•	,				
MIAMI FL:	100.0	100.0	0		100.0	3.01	0.6	S	6.9	75.7	1076
LARGEST FIRMS	87.9	86.6	63.2	4.1	10	19.0	54.9 0.4		2.0	• -	133
	0	4.1	∾ .		180	B	2.0		8	- 0	740
ALL OTHER FIRMS :	12.1	9.3	ተ	-	å	0	1.5			C	
MIDIAND TX:	100.0	100.0	0	100.0	-	1.6	1.6			81.3	64
REEST FIRMS	100.0	100.0	83.3	ņ	1:	11.1	11:11	55.6		11.1	6
5-8 LARGEST FIRMS:	0	0	9	20.0	19.2	0 (	0 (	7.7	ഗ	76.9	13
ALL OTHER FIRMS	0	0	0	ů	8	0	Þ	•			15
ES AT	END OF TABLE	BLE.								CON	CONTINUED

SEE FOOTNOTES AT END OF TABLE.

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

	DIST	10	0	SIZE OF FI	1	:DISTRIBUTI	ON OF FIR	S ST	BY SIZE OF	STORE 3/	
SMSA AND FIRM SIZE	\$4 MILLION AND OVER:	\$2- \$3.999 MILLION	\$1.999 MILLION	\$500,000: 10 \$1:	LESS THAN \$500,000	\$4 MILLION AND OVER	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000: T0 \$1	LESS THAN \$500+000	NUMBER OF STORES
	1	Ε.				•	1	1	1		NUMBER
MII UANKEE UT.	-		c	-	-		9	- 0	6	,	4
TE CIDEC	4	• ·	1000 1000	•	0.001	T 6	10.9	<b>⊋</b> (	200		667
TANGER LANGER		0 1	- 1	* a	•	e N c	# P	72.1	11.0	- 1	N P
ALL OTHER FIRMS :	7.6	26.8	6.44	67.7	91.6	ى ئ	31.0	6.0	7.2	82.6	586 586
										1	
MINNEAPOLIS-ST PA MN:	-		0	100.0	100.0	4	1.	6.	8.1	70.4	1005
4 LARGEST FIRMS :			2	1.2	• 1	20.7				•	_
5-8 LARGEST FIRMS:	19•5	8 .0	19.0	7.4	- 1	20 • 5	23.1	30.8	15.4	10.3	39
ALL DINER FIRMS			S	91.4	99.3	1.1				å	850
MOBILE		6	G	-	100.0	4	4.4				9 7 0
ARGEST FIRMS			47.	4					00	יוני פיי	א ר
5-8 LARGEST FIRMS:	50.0	15.0	20.6	39.1	6.1	2 60	7.0	9 0	20.9		4
ALL OTHER FIRMS :			2		93.4			N	'n	93.2	380
MODESTO CA:	0.001		ů,	0	100.0	F • F			9.1	72.2	176
TANGEN TIMES	•		° r	ů c	200				11.1		8 .
ALL DITHER FIRMS	o c	0000	1 0 C 2 4	75.0	0 0	<b>.</b>	000	K . 3	100	, do	11
			3	9		5			0	e D	*
MONROE LA:		100.0			100.0				7.2	4	194
A LARGEST FIRMS :	LC I		37.5	0	7°	4	8.9	6.7	15.6	64.4	45
5-8 LARGEST FIRMS:	വ	0	ů.	-	0		C		20.0	0	
ALL UTHER FIRMS		20.0			82.5	0	• 7		4.2	93.1	144
MONTGCMERY AL:			0	0	100.0	0	3.0	8.7		00 00 00 00 00 00	
4 LARGEST FIRMS :	0	50.0	86.2	70.0	0	0	13.5	67.6	18.9	0	37
5-8 LARGEST FIRMS:			3	0	13.0	0	7.3	2.4		0	41
ALL OTHER FIRMS :				30.0	2	0	<b>6</b> 0	1.2	1.2	6.96	256
MUNCIE	100		0	100.0	6		4		7.7	- (	2
4 LARGEST FIRMS :	75.0	100.0	20.0	0	17.8	16.7	33.03	5 6 6		400	9 6
5-8 LARGEST FIRMS:	25	0	0	20.0	0					0	5
ALL OTHER FIRMS :		0	0		82.2	0	0		9.5	88.1	42
MUSKEGON-MUSKEGON MI:	100.0	100.0	0	100.0	100.0	1.6	6.6	-	11.0	72.4	107
4 LARGEST FIRMS :	50.0		8	0		9.1		4		•	111
5-8 LARGEST FIRMS:	50.0	20.0	21.4		0	16.7	16.7	50.0	- 4		1 9
ALL OTHER FIRMS :	0	0	5	92.9	100.0	ů		4	11.8	83.6	110
Y S	1000	-	c	0.00	-			P			
4 LARGEST FIRMS	10000	9 6	• •	• =	• • • •	7 4 6 0		° c	1300	60.1	0 H
5-8 LARGEST FIRMS:		66.7	4 6	. 0	o		9 6 9 6 19 6 19 6	66.7		<b>&gt;</b> C	0 4
ALL OTHER FIRMS :	0		. 4	100.0	100.0	0	1		16.7	75.9	. A.
		10									

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

	DISTRI	DISTRIBUTION OF	STOR	IZE OF F	M 2/	DISTRIBUTI	ON OF FIRM	S* STO	BY S	STORE 3/	
SMSA AND FIRM SIZE	\$4 : MILLION : AND OVER:	I OF	1- •999 LLION	1 8 5	N N O	\$4 MILLTON AND OVER	\$2- \$3.999	\$1.999 MILLIO	\$500,000 TO \$1	LESS THAN	
					13d	RCFNT					1 20
							•				0.70
NASHVILLE-DAVIDSO TN:	100.0	100.0		100.0	100.0	H (	44.6	0 0	1 4 5	0 2 9 0	000
4 LARGEST FIRMS	81.0	14.3	٠,			1	70.0	0 0	-		9 9
ALL OTHER FIRMS :	2 0 0	17.1	50.0	83.0	99.4	0	0 EQ	N (	6.4	90.1	784
						,			P		
NASSAU-SUFFOLK NY:	100.0	100.0	0	100.0	100.0	1 2	9.6	9.5 7.7	0 M	7 K	191
9	70.8	4 to 10 to 1	å.	, ,	9 ·	7-4	0 (		0 0		148
ALL OTHER FIRMS :	13.9	20.6	16.3	80.3	98.8	60	N .	0 0	3.0 9.0	6.06	1271
									7	4 1 0	129
4	0.001	100.0	100.0	001	0.00	1 L D D L L	56.7	2000		•	15
T C ABOTTON STABLES	n•00T	16.3	• ·	9 6		0				e u	16
ALL OTHER FIRMS :	3 0	0	. 0	50.0	91.4	0 0	0	0	2.0	98 • 0	9.6
											ì
NEW BRITAIN CT:	100.0	100.0	100.0	100.0	100.0	4 6	11.5	4.5	4 C	0 • 0	بر ق
4 LARGEST FIRMS :	100.0	27.3	0	e C	<b>5</b> (			0 0		3 6	0 4
5-8 LARGEST-FIRMS:	0	4.0	9 0	7 2 0	100.0	. c	100	4	3.7	89.0	80 80
ALL UIMER FIRMS	0	7007	3	2		,	•		•		
NEW BRUNSHICK-PER NJ:		100.0	_	100.0	100.0	F • 9	7.0	7.0	3.2		315
4 LARGEST FIRMS		27.3	0	10.0	•	41.4	20.7	31.0	3.4		29
LARGEST FIRMS	14.3	27.3	36.4	10.0	0	16.7	33.00 0.00 0.00 0.00	4.44	ក្ន	0 (	18
ALL OTHER FIRMS :		45°5	വ	80.0	99.66	2 • 2	200	1.9	2 • 0	200	200
TO AN TOTAL DEST UA CT		180-0	C	- 6	100.0		4.7		0	76.5	341
A LADONAL BECOME A		2000	9	8 00	0	50.0	20.0	20.0	10.0		3.0
S	6.3	3103	0	22.9	8 • 0	S	14.3	0	22.9	60.0	ខ្លួ
ALL OTHER FIRMS :		31.3	53.8	8		0	1.8	20.01	8.7	•	276
TO STABON-SOUND - WRY	100.0	100.0	100.0		100.0				6.0	74.9	187
4 LARGEST FIRMS :	•	63.6	58.8	50	0	14,8	25.9	37.0	25.2	0	27
Œ	42.9	9.1	11.8		0	0	9			0 0	9 4
ALL OTHER FIRMS		27.3	29.4	20.0	100.0	D	0		0.00	200	101
N N N N N N N N N N N N N N N N N N N	100-0	100.0	0	100.0	100.0					83.5	992
4 LARGEST FIRMS	•	74.0	52	4	0	17.5	46.2	33.7	2.5	0	80
S		0 · 4	2	0			. 0			88.9	S
ALL OTHER FIRMS :	19.0	22.0		95.2	94.2	ច			4 • Z	•	858
	6	0			1000	1.7	- 4				- 60
NEW TORK		40.7	2000	17.9	3	11.7	32.6	39.1	12.5	4.1	512
5-8 LARGEST FIRMS:	14.1	27.0	· N		9.	6.3					0
ALL OTHER FIRMS	41.5	38.0	LCI		0.66	φ. •				6	9
	-	L								CON	CONTINUED
SEE FOOTNOILS AT	ENU CF IABLE	BLE.								•	1

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

Fig. 12   Fig.	NAME   NAME	•	DISTRI	DISTRIBUTION OF	STORES BY	SIZE OF FIF	RM 2/	:DISTRIBUTIO	ON OF FIRM	S SIURES	01 3175 05	SIURE SY	-TOTAL
FREE FIRMS  HARE F	HARE TERMS 15-6 100-0 10	FIRM SI	S4 MILLION AND OVER	\$2- \$3.99 MILLI		*000 \$1 ICN		\$4 : MILLION : AND OVER:	\$2- \$3.999 MILLION	\$1- \$1.99 MILLI	00,000 0.51 LLION	LESS THAN 500,00	NUMBE OF STORE
FOR FIRMS 100.0 10	FET FIRMS   100.0   10			1				CENT					NUMBER
Hear Fires	RECYPTEMEN   15-81   15-11			100.0	-	c	- 6	-	ď				1176
Hear Firms   15-8   15-9   10-9   1	HIGH FIRMS 15 6 22.1 174 1.6 0.0 2.0 2.0 3.7 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4 2.0 18.6 17.4 12.3 6.6 17.4	ARGEST FIRMS	1		ייר פיר	S C	9 -	• •	47.2	9 (	6 K		11/0
Hear Fires	HER FIRMS 42.1 22.1 27.5 62.5 99.0 2.4 2.1 1.9 3.5 99.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.	LARGEST FIRMS:		21.1	) r	, ,		9 4	47.6	• a	5 6		44
FEGSTERNS 100.0 10	FEST FIRMS 100.0 1	OTHER FIRMS		22.1	. [	i ci	6	2	2.1	-		•	989
HER FIRMS	REESTFINAS   40.0   1	40	10	100.0	9	000		- (		ć		84	<
HER FIRMS: 40.0 100.0 100.0 100.0 100.0 2.3 2 4.6 4.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	REESTERNS 40.0 10.0 100.0 100.0 100.0 2.1 5.3 9.5 6.0 6.0 86.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1		1	5 6 8	707	619				o c	9 8	9 6	7 4
Her Firms 6 0 111.1 26.7 23.8 74.9 0 7 5.4 5.4 5.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0					9 10	1 4	4			3	9	1 00	ייי
Variable   Variable	Countries of the coun		0	11.1	9	, IO	4	•			- 0	•	4
FEST FIRMS   16.4   6.0   78.9   6.0   6.0   6.0   74.5   19.1   13.7   15.7	REESTFIRMS   1644   2504   2	٧A		100.0		0.0	00	•	- 0		8.8	- 4	526
Park Fire   Park	CENNENT   State   St	H.S		60.7		38	9			3	יש י		0 00
HER FIRMS   100.0	FER FIRES   17.3   14.3   34.0   58.3   74.8   .9   1.2   4.9   6.1   67.0   34.0   5.4   4.9   6.1   67.0   34.0   5.4   5.	LARGEST FIRMS:		25.0		8		. 0		. M	-	- M	0 0
FERNISTLE PARTICLE TO THE PART	FERNISYL PA: 100-0 100-0 100-0 100-0 100-0 0.8 4.0 5.4 4.0 4.4 4.8 5.3 8 4.0 1.8 1.1 4.8 1.8 1.1 4.8 1.8 1.8 1.1 4.8 1.8 1.8 1.1 4.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	OTHER FIRMS		14.3		8					6.1		345
RESTFINE   Title   T	FEST FIRMS: 71.4 76.5 71.7 60.5 0.6 6.0 31.3 39.8 18.1 6.6 6.0 77.8 18.1 6.	A		100.0	00	0.0	100.0		- 0		4.4	IC.	4
HER FIRMS   28.66   11.88	Herest-Firms   28-6	S		76.5	71	40.	9.	6.0		6	8		. 80
HER FIRMS: 0 11-8 23-9 56-8 99-4 0 -5 1-5 2-8 95-2 7  FIGEST FIRMS: 100-0 100-0 100-0 100-0 100-0 100-0 0 0 0	THER FIRMS TO 11000 1000			11.8	4.3	2	0	å		2	H	1	6
FET FIRMS: 100.0 100.0 100.0 100.0 100.0 4.0.0 4.0.0 10.0 1	FEST FIRMS: 100.0	OTHER FIRMS		11.8	23.9	9	9.	0		1.	2.8	5.	IC.
FEST FIRMS   100.0   57.1   16.7   12.5   0   40.0   40.0   10.	RESTFIRMS   100.0   57.1   16.7   12.5   0   40.0   40.0   10.0   10.0   10.0   0   10.0			100.0	_	00	0.0		7.4		4		95
HER FIRMS	HER FIRMS   0	ARGEST FIRMS :		57.1	16.7	2	0		40.0	•	0	0	10
HER FIRMS: 0 0 16.7 75.0 100.0 0 0 1.3 7.8 90.9  FEST FIRMS: 100.0 100.0 100.0 100.0 10.1 4.3 12.9 6.5 75.3 18.8 10.0 100.0 16.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 16.7 24.3 12.9 6.5 75.3 18.9 7.7 13.9 18.2 18.2 18.2 18.2 18.2 18.2 18.2 18.2	THER FIRMS: 0 0 0 16.7 75.0 100.0 0 0 1.3 7.8 90.9  TX: 100.0 100.0 100.0 100.0 100.0 1.1 4.3 12.9 6.5 75.3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LARGEST FIRMS:		42.9	66.7	ŝ	0		37.5	0.	å		89
FET FIRMS: 100.0 100.0 100.0 100.0 100.0 1.01 4.3 12.9 6.5 75.3 19  FEST FIRMS: 100.0 75.0 55.0 33.3 16.7 24.3 0 4.5 17.4 46.2 15.4 7.7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEST FIRMS: 100.0 100.0 100.0 100.0 100.0 101.0		0	0	16.7	2	00	0	0		7.8	ċ	77
RESTFIRMS   100.0   75.0   50.0   33.3   1.4   7.7   23.1   46.2   15.4   7.7   1   1   1     REGESTFIRMS   100.0   15.0   15.3   16.7   24.3   0   4.3   17.4   4.3   73.9   2     HER FIRMS   0   25.0   100.0   100.0   100.0   100.0   2.1   9.7   9.1   6.1   73.1   52     EST FIRMS   145.5   51.0   25.0   9.4   6.7   6.9   56.1   11.8   0   76.5   35.1     HER FIRMS   146.5   100.0   1	HER FIRMS   100-0   75-0   50-0   33-3   1-4   7-7   23-1   46-2   15-4   7-7   73-9   1   1   1   1   1   1   1   1   1	XT		100.0	0 0	00	0.0		4 .3	å			93
HER FIRMS: 0 25.0 33.3 16.7 24.3 0 4.3 17.4 4.3 73.9 2 HER FIRMS: 0 100.	HER FIRMS: 0 25.0 33.3 16.7 24.3 0 4.3 17.4 4.3 73.9 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ARGEST FIRMS :		75.0	0	3			m	9			13
CITY OK: 100.0 100.0 100.0 100.0 100.0 100.0 2.1 9.7 9.1 6.1 73.1 52  ESTFIRMS: 45.5 51.0 25.0 9.4 6.7 6.9 36.1 16.7 4.2 36.1 7  REESTFIRMS: 36.4 45.1 66.7 90.6 86.5 .9 5.9 11.8 0 76.5 35.1 4.2  HER FIRMS: 36.4 45.1 66.7 90.6 86.5 .9 5.9 11.6 6.9 79.1 42  HER FIRMS: 36.4 45.1 100.0 100.0 100.0 100.0 100.0 4.7 11.6 16.3 8.8 58.6 5.1 15.8 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7	EST FIRMS: 45.5 51.00 100.0 100.0 100.0 5.4 6.7 6.9 56.1 16.7 4.2 56.1 75.1 5.2 16.5 7 6.5 56.1 75.1 5.2 16.5 7 6.5 56.1 16.7 4.2 56.1 75.5 56.1 16.7 4.2 56.1 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75	LARGEST FIRMS OTHER FIRMS		O	6.3	6.	4 4	o o	۵. م د	3	0 6	3.	23
REST FIRMS:         45.5         51.0         25.0         9.4         6.7         6.9         36.1         16.7         4.2         36.1         77.5           REEST FIRMS:         18.2         3.9         8.3         0         6.7         5.9         11.8         0         76.5         3           HER FIRMS:         36.4         45.1         66.7         90.6         86.5         .9         5.9         11.8         0         76.5         3           FEST FIRMS:         70.0         72.0         74.3         21.1         1.6         4.7         11.6         45.6         7.0	FEST FIRMS: 45.5 51.0 25.0 9.4 6.7 6.9 36.1 16.7 4.2 36.1 77.5 59 11.8 0 76.5 3 3 4 4 45.1 16.7 45.1 16.7 45.1 16.7 45.1 16.2 3.9 8.3 0 6.7 5.9 5.9 11.8 0 76.5 3 3 4 4 45.1 16.7 10.0 100	CITY OK	10	100.0	0.0	0.0	0.0	- 6					0
LARGEST FIRMS: 18.2 3.9 8.3 0 6.7 5.9 11.8 0 76.5 3  OTHER FIRMS: 36.4 45.1 66.7 90.6 86.5 .9 5.9 11.8 0 76.5 3  OTHER FIRMS: 36.4 45.1 100.0 100.0 100.0 100.0 4.7 11.6 16.3 8.8 58.6 21  RGEST FIRMS: 30.0 4.0 2.9 5.3 0 50.0 16.7 16.7 16.7 16.7 16.7 16.7 15.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16	LARGEST FIRMS: 18.2 3.9 8.3 0 6.7 5.9 11.8 0 76.5 3  OTHER FIRMS: 36.4 45.1 66.7 90.6 86.5 .9 5.9 11.8 0 76.5 3  OTHER FIRMS: 36.4 45.1 100.0 100.0 100.0 100.0 100.0 4.7 11.6 16.3 8.8 58.6 7.0 10.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7	EST FIRMS	4	51.0	25	9	9			9			1
OTHER FIRMS: 36.4 45.1 66.7 90.6 86.5 .9 5.5 7.6 6.9 79.1 42  REEST FIRMS: 70.0 100.0 100.0 100.0 100.0 100.0 16.7 11.6 16.3 8.8 58.6 51  LARGEST FIRMS: 30.0 4.0 22.9 73.7 98.4 0 3.9 5.3 9.2 81.6 15  CHER FIRMS: 90.0 100.0 100.0 100.0 100.0 2.4 8.2 6.3 3.4 79.8 41  REEST FIRMS: 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 95.1 2.0 95.1 2.6 99.1 2.0 95.	OTHER FIRMS : 36.4 45.1 66.7 90.6 86.5 .9 5.5 7.6 6.9 79.1 42  REEST FIRMS : 70.0 100.0 100.0 100.0 100.0 100.0 10.0	LARGEST FIRMS	_	3.9	8			.0		1.			34
REST FIRMS:         70.0         100.0         100.0         100.0         100.0         4.7         11.6         16.3         8.8         58.6         21           LARGEST FIRMS:         70.0         72.0         74.3         21.1         1.6         12.3         31.6         45.6         7.0         3.5         5         5           OTHER FIRMS:         30.0         4.0         22.9         73.7         98.4         0         3.9         5.3         9.2         81.6         15           OTHER FIRMS:         90.0         100.0         100.0         100.0         100.0         100.0         22.9         23.2         61.5         14.3         0         15.5         53.4         27.6         3.4         79.8         41           CARGEST FIRMS:         10.0         2.9         15.4         57.1         76.8         0         .4         1.5         93.4         79.8         41	RGEST FIRMS: 70.0 100.0 100.0 100.0 100.0 4.7 11.6 16.3 8.8 58.6 21  LARGEST FIRMS: 70.0 72.0 74.3 21.1 1.6 12.3 31.6 45.6 7.0 3.5 5  LARGEST FIRMS: 30.0 4.0 2.9 73.7 98.4 0 3.9 5.3 9.2 81.6 15  CTHER FIRMS: 0 24.0 100.0 100.0 100.0 100.0 100.0 2.4 8.2 6.3 3.4 79.8 41  RGEST FIRMS: 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9  OTHER FIRMS: 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26  FOOTNOTES AT END OF TABLE.	OTHER FIRMS	CM.	45.1	9	ô	9			7.			N
RGEST FIRMS: 70.0 72.0 74.3 21.1 1.6 12.3 31.6 45.6 7.0 3.5 5 5 5 LARGEST FIRMS: 30.0 4.0 2.9 5.3 0 50.0 16.7 16.7 16.7 16.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10	RGEST FIRMS: 70.0 72.0 74.3 21.1 1.6 12.3 31.6 45.6 7.0 3.5 5 5 5 5 0 14.8 12.3 31.6 45.6 7.0 3.5 5 5 5 5 0 14.8 12.3 31.6 45.6 7.0 3.5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	岁		100.0	00	00	00		~	9	8.8		-
LARGEST FIRMS: 30.0 4.0 2.9 5.3 0 50.0 16.7 16.7 16.7 0 0 0THER FIRMS: 30.0 24.0 22.9 73.7 98.4 0 3.9 5.3 9.2 81.6 15	LARGEST FIRMS: 30.0 4.0 2.9 5.3 0 50.0 16.7 16.7 16.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10	RGEST FIRMS		72.0	4			ŝ	<b>1</b>	ນ	7.0		57
OTHER FIRMS : 0 24.0 22.9 73.7 98.4 0 3.9 5.3 9.2 81.6 15 15	OTHER FIRMS : 0 24.0 22.9 73.7 98.4 0 3.9 5.3 9.2 81.6 15  REST FIRMS : 90.0 100.0 100.0 100.0 2.4 8.2 6.3 3.4 79.8 41  RAGEST FIRMS : 90.0 91.2 61.5 14.3 0 15.5 53.4 27.6 3.4 0 5  OTHER FIRMS : 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26  FOOTNOTES AT END OF TABLE.	LARGEST FIRMS		4.0	å		0	ċ	.0	9	16.7		
FL: 100.0 100.0 100.0 100.0 100.0 2.04 8.2 6.3 3.4 79.8 41    RGEST FIRMS: 90.0 91.2 61.5 14.3 0 15.5 53.4 27.6 3.4 0 5 9    LARGEST FIRMS: 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9    OTHER FIRMS: 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26	RGEST FIRMS : 90.0 100.0 100.0 100.0 100.0 2.04 8.2 6.3 3.4 79.8 41 ENRIS: 10.0 91.2 61.5 14.3 0 15.5 53.4 27.6 3.4 0 5.9 41 ENRIS: 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9 OTHER FIRMS : 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26 FOOTNOTES AT END OF TABLE.		0	24.0	å		å	0			9.2		IC .
90.0 91.2 61.5 14.3 0 15.5 53.4 27.6 3.4 0 5 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9 2.1 0 2.9 15.4 57.1 76.8 0 6 1.5 3.0 95.1 26	ARGEST FIRMS: 90.0 91.2 61.5 14.3 0 15.5 53.4 27.6 3.4 0 5 LARGEST FIRMS: 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9 OTHER FIRMS: 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26	FL	10	100.0	0	00	0				3.4		
10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9 5.0 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26	LARGEST FIRMS: 10.0 5.9 23.1 28.6 23.2 1.1 2.2 6.7 4.4 85.6 9 OTHER FIRMS: 0 2.9 15.4 57.1 76.8 0 .4 1.5 3.0 95.1 26	ARGEST FIRMS :	gr.	91.2	₩.	•	0		. 0		3.0		5 8
	UINEK TIKMS: U 2.9 IS.4 ST.1 T6.8 U .4 1.5 3.0 55.1 25	CARGEST FIRMS:	_	ວິດ	M r		'n,		. 0		4 4		06
	E FOOTNOTES AT END OF TABLE.	DINER FIRMS	9	2.9	ກ	•	ĝ	9	•		3.0		268
		AT	END OF TAB	LE.								CONT	

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

100.0 1 Less : \$4
100.0 100.0 0 6.9 16.7 9.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
100.0 100.0 0 4.3 8.7 100.0 100.0 0 57.1 100.0 100.0 0 53.3 100.0 100.0 53.3 100.0 100.0 53.3 100.0 100.0 14.3 50.0 6.0 100.0 100.0 14.3 50.0 6.0 13.0 6.0 6.0 6.0 6.0 13.0 6.0 6.0 6.0 6.0 13.0 6.0 6.0 6.0 13.0 6.0 6.0 6.0 13.0 6.0 6.0 6.0 14.0 100.0 16.0 6.0 6.0 15.0 0 16.0 6.0 6.0 15.0 0 16.0 6.0 6.0 15.0 0 16.0 6.0 6.0 15.0 0 16.0 6.0 6.0 15.0 0 16.0 10.0 6.0 15.0 0 16.0 10.0 6.0 15.0 0 16.0 10.0 6.0 15.0 0 16.0 10.0 6.0 15.0 0 16.0 10.0 6.0 15.0 0 16.0 10.0 10.0 10.0 10.0 10.0 10.0
100.0 100.0 0 57.1 42.9 100.0 100.0 100.0 100.0 0 57.1 100.0 100.0 0 100.0 0 100.0 1
100.0 100.0 6.9 16.7 9.2 100.0
100.0 100.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
100.0 100.0 6.9 16.7 9.2 100.7 100.0 100.0 25.0 53.6 53.6 51.6 16.7 100.0 100.0 25.0 53.6 53.6 51.6 16.7 12.5 0.9 14.3 42.9 28.6 12.5 0.9 14.3 42.9 28.6 12.5 0.9 14.3 42.9 28.6 40.0 12.0 100.0
100.0 100.0 6.9 16.7 9.2 1.4
5 0 0 0 25.0 53.6 21.4 100.0 100.0 2.0 4.7 8.8 12.5 0.9 14.3 42.9 28.6 12.5 0.9 14.3 42.9 28.6 12.5 0.9 20.0 0 0 5.4 12.5 0.9 20.0 0 0 5.4 13.0 0.0 0.0 6.8 4.8 13.0 0.0 0.0 6.8 12.3 13.0 0.0 0.0 6.8 12.3 13.0 0.0 0.0 6.8 21.9 13.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
5 0 0 0 33.3 50.00 Lber
100.0 100.0 17.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0         100.0         14.5         4.7         8.8           12.5         .9         14.5         42.9         28.6           8         12.5         0         20.0         40.0         40.0           100.0         100.0         4.8         6.8         4.8         4.8           100.0         100.0         4.8         6.8         4.8         4.8           100.0         100.0         4.8         6.8         4.8         4.8         4.8           100.0         100.0         0         64.3         21.9         21.9         21.9           13.0         0         0         6.0         0         64.3         21.9         21.9           13.0         0         0         0         6.0         0         64.3         21.9         21.9           13.0         0         0         0         0         6.0         0         64.3         21.9         21.9           15.0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0
12.55 0 14.5 42.9 28.6 40.0 12.5 0 12.5 0 14.5 42.9 28.6 40.0 12.5 0 10.0 0 0 10.0 0 0 10.0 0
4         12.5         0         20.0         60.0<
4         12.0         99.1         0         6.8         4.8         6.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         4.8         5.4         31.0         5.4         9.0         5.4         3.1         3.3         3.4         3.3         3.4         3.3         3.4         3.3         3.4         3.3         3.4         3.3         3.4         3.3         3.4
100.0 100.0 4.8 6.8 4.8 4.8 6.8 31.3 51.3 51.3 51.4 51.3 51.4 51.3 51.4 51.4 51.3 51.4 51.4 51.3 51.4 51.4 51.3 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4
10000 10000 4.8 6.8 4.8 6.8 4.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6
7         33.3         .4         31.3         21.9         31.3           10         8.3         .4         0         64.3         21.4           13         58.3         99.2         1.9         1.9         1.9           13.0         0         0         4.5         27.3         54.5         12.4           13.0         0         0         0         6.1         12.1         12.1           15.2         55.2         94.0         0         6.1         12.4         12.4           10.0         10.0         10.0         16.0         0         4.0         2.4         4.0         2.4           10.0         10.0         16.0         16.0         17.9         17.9         17.9         17.9           10.0         10.0         6.3         18.8         56.3         17.9         10.2           10.0         10.0         7.1         42.9         50.0         50.0         50.0           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         10.0
10 100 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0
5         58.3         99.2         1.9         1.9         0.8           10         100.0         100.0         4.5         27.3         7.5           15.0         6.0         0         4.5         27.3         54.5         54.5           2         52.2         94.0         0         -4.5         27.3         54.5         5.4
15.00 100.0
1000 1000 4°5 27°3 54°5 50°5 50°5 50°5 50°5 50°5 50°5 50°5
2 52.2 6.0 0 6.1 12.1 12.1 2.4 3.4.8 94.0 0 6.1 17.9 17.9 17.9 16.0 0 6.3 18.8 56.3 18
3 34.8 94.0 0 .4 2.4   100.0 100.0 100.0 2.4   3 15.0 0 6.3 18.8 56.3   85.0 100.0 0 7.1 42.9 50.0   100.0 100.0 3.7 5.5 3.9   14.3 6.2 26.5 41.7 24.7
100.0 100.0 2.04 8.2 17.9 15.0 0 16.3 18.8 56.3 1 15.0 0 6.3 18.8 56.3 1 100.0 100.0 0 7.1 42.9 50.0 100.0 100.0 3.7 5.5 3.9 14.3 6.2 26.5 41.7 24.7
100.0 100.0 100.0 2.4 8.2 1/57  1
15.0 0 16.0 40.0 56.3 1  15.0 0 6.3 18.8 56.3 1  100.0 100.0 0 7.1 42.9 50.0  10 100.0 100.0 3.7 5.5 3.9  10.0 100.0 3.7 5.5 3.9
3 15.0 0 6.5 18.8 10.2 1  9 85.0 100.0 0 7.1 42.9 50.0  10 14.9 0 1 10.0 5.0  100.0 100.0 3.7 5.5 3.9  14.3 .2 22.5 41.7 24.7
9 85.0 100.0 0 2.7 5.6 7.0 0 0 14.9 0 100.0 100.0 5.0 0 0 100.0 85.1 0 0 1 1.9 0 0 1.9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 100°0 100°0 0 0 7°1 5°6 7°0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 100.0 14.9 0 7.1 42.9 50.0 0 1.9 0 1.9 0 1.9 0 1.9 0 1.9 0 1.9 0 1.9 0 1.9 0 1.9 0 1.9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 100.0 85.1 0 10.0 5.0 1.9 0 10.0 5.0 0 1.9 0 1.9 0 1.00.0 3.7 5.5 3.9 14.3 24.7 24.7 24.7 24.7 24.7 24.7 24.7 24.7
0 100.0 100.0 3.7 5.5 3.9 14.3 .2 26.5 41.7 24.7
.0 100.0 100.0 3.7 5.5 3.9 .5 14.3 .2 26.5 41.7 24.7
.5 14.3 .2 26.5 41.7 24.7
0 0 2-7 0 0
.5 75°7 93°0 °7 1°6 1°7
.0 10
of 0 0 21.2 55.0 53.
Le Tecl Cell Le

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

PINE BLUFF AND OVER: MILLION AND OVER: MILLION AND OVER: MILLION A LARGEST FIRMS G B0.0 A LARGEST FIRMS G B0.0 BITTSBURGH A LARGEST FIRMS G B0.0 FITTSBURGH A LARGEST FIRMS G B0.0 FITTSFIELD A LOTHER FIRMS G B0.0 FORTLAND A LARGEST FIRMS G B0.0 FORTLAND A	100.00 10	\$500,000: MILLION: MILLION: 100.0 42.9 6 0 57.1 100.0 72.9	LESS THAN \$500,000	SA MILLION AND OVE	\$2- \$3.999 MILLION:	\$1- \$1.999 MILLION	: \$500,000: TO \$1	LESS THAN \$500,000	NUMBER OF
FF ARGEST FIRMS 0 1000 0 11000 0 11	100.0 71.0 71.0 71.0 28.6 55.3 30.6 100.0 80.0 100.0	100.00 42.9 67.1 100.0 27.1 72.9	0 • 0 PER						2
FF AR: 0 100.0  ARGEST FIRMS: 0 800.0  THER FIRMS: 0 200.0  GH CEST FIRMS: 100.0  THER FIRMS: 100.0  ARGEST FIRMS: 100.0  ARGEST FIRMS: 100.0  GEST FIRMS: 100.0  ARGEST FIRMS: 100.0  GEST FIRMS: 100.0  ARGEST FIRMS: 100.0  GEST FIRMS: 100.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.0 42.9 0 57.1 100.0 27.1 72.9 100.0	00	CENT		1 1 1			NUMBER
GEST FIRMS 0 200  THER FIRMS 0 200  THER FIRMS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100.0 57.1 100.0 27.1 72.9	90	c		u			4 70
ARGEST FIRMS: 0 200  THER FIRMS: 0 0 000  GH PA: 100.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.0 57.1 100.0 27.1 0 72.9	<b>.</b>	<b>&gt;</b> c	9 6		Tenuc	200	138
THER FIRMS  GGH  GEST FIRMS  THER FIRMS  LD  GEST FIRMS  LD  GEST FIRMS  THER FIRMS  THER FIRMS  GEST FIRMS  THER FIRMS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	57.1 100.0 27.1 0 72.9 100.0	_	<b>.</b>	0 M 0 M 0 M	4107		<b>-</b>	7 1
GH FIRMS 100.0 100.0  ARGEST FIRMS 10.5 7.9  THER FIRMS 57.99 34.0  CEST FIRMS 100.0 100.0  ARGEST FIRMS 0 100.0  THER FIRMS 0 100.0  ARGEST FIRMS 0 100.0  ARGEST FIRMS 0 100.0  ARGEST FIRMS 0 100.0  HER FIRMS 0 100.0  ARGEST FIRMS 100.0 110.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.0 27.1 0 72.9 100.0	100.0	0	0	0	3. 3.	7.96	123
ARGEST FIRMS: 31.66 ARGEST FIRMS: 10.5 THER FIRMS: 57.9 34.0 THER FIRMS: 0000 THER FIRMS: 0000 GEST FIRMS: 0000 THER FIRMS: 100.0 GEST FIRMS: 100.0 GEST FIRMS: 100.0 ARGEST FIRMS: 100.0 ARGEST FIRMS: 100.0 122.	2 2 2 2 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	27°1 27°1 72°9 100°0	000		9				100
ARGEST FIRMS: 10.5 7.9 THER FIRMS: 57.9 34.0 GEST FIRMS: 100.0 0 ARGEST FIRMS: 0 0 THER FIRMS: 0 0 GEST FIRMS: 0 0 GEST FIRMS: 100.0 66.8 ARGEST FIRMS: 100.0 66.8 ARGEST FIRMS: 0 22.7	20035	100.0	-	2.07	33.00	. 6		7 LG	221
THER FIRMS: 57.9 34.  LD MA: 100.0 100.0  GEST FIRMS: 100.0 100.0  THER FIRMS: 0 0.0  THER FIRMS: 100.0 100.0  GEST FIRMS: 100.0 66.4  ARGEST FIRMS: 0 22.4  THER FIRMS: 0 11.0	300000000000000000000000000000000000000	72.9 100.0	0	10.0	45.0	45.0		•	20
LD MA: 100.0 100.0  GEST FIRMS: 100.0 0  THER FIRMS: 0 0  THER FIRMS: 100.0 100.0  GEST FIRMS: 100.0 66.6  ARGEST FIRMS: 0 22.7  THER FIRMS: 0 110.0	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00	6.66	1.	2.7		5.4	88.0	1604
GEST FIRMS: 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 110.0	80 50	0	100.0		6.7		εΩ 60	73.3	0.9
ARGEST FIRMS: 0 100° THER FIRMS: 0 0 GEST FIRMS: 100°0 66° ARGEST FIRMS: 0 22° THER FIRMS: 0 11°	00 0		0	33.0		66.7		,	9
THER FIRMS: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	Ö	0	0	80.0	o	20.0	0	S.
HE: 100.0 100.0 GEST FIRMS: 100.0 66. ARGEST FIRMS: 0 22.0 THER FIRMS: 0 11.	0	80.0	100.0	0		2.0	8.2	89.8	49
GEST FIRMS: 100.0 66. ARGEST FIRMS: 0 22. THER FIRMS: 0 11.	۲	100.0	100.0				4.2	60 60 101	212
0 22.0	0	22.2	0		37.5		å	0	16
0 11.	0	22.2	0	0	40.0	20.0	40.0	0	ហ
	0	55.6	100.0	0	TÜ		2.6	92.7	191
100.0 100.	0	100.0	100.0	å	8 3		4. T	73.5	763
90.5 57.	9	11.1	4		38.7	4	4.3	2 • 2	93
5-8 LARGEST FIRMS: 9.5 12.7 ALL OTHER FIRMS : 0 30.2	L1 42 CN 60 CN 60	00 19 19 19 19 19 19	9.00 9.40 9.40	80 C	53.5	6.2	80 4 0 0 0 0	8 8 8	646
	1					1			
100.0	0	100.0	100.0	4-1	10.2		5.1	70.1	157
85.7 87.	ຕິເ	37.5	3.6		0		1:2	10.3	90 P
0 0	12.5	62.5	96.4	•		1 . 8	4.4	93.8	113
RI: 100.0 100.		100.0	100.0				60 60 60 60 60 60 60 60 60 60 60 60 60 6	79.0	625
RGEST FIRMS : 87.5 71.	9	4	0	31.3	52.2	- 0	1.5		67
5-8 LARGEST FIRMS: 12.5 24.5	35.3	29.2	0	8 8	S	3543	20.6	0	34
0	ດ	vo .	100.0	0	4		3.1	94 • 3	524
100.0 100.	0	100.0	100.0		6	-		67.2	67
	~	0	0	8.3	41.7		25.0	0	12
50.0 16.	255 <b>0</b>	0	0 6	25.0	ຄຸດ	50°0	0		4.
יייי איייייייייייייייייייייייייייייייי	-	•	3	•	0	0	6.00		70
100.0	100.0	100.0	100.0	3.0		7.0	0 0	82.0	100
• 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<b>⊣</b> a	ů c	0 0	0				5	13
ALL OTHER FIRMS : 0 0	o c	75.0	5.00	0	0	0	S S	94.0	2 62
CAN TA COMPANY OF CANADA								FROG	

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

. TOTAL	NUMBER OF STORES		103	4	4	85		587	20	4 6 6 7		264	21	6	234	72	15	4	53	0.7	0 -	- 00	46		421	51	- 10 - 10 - 10	4	782	o c	4 4	0	234	20	9 7 9	188	37	80	89	21	
STORE 3/	LESS THAN \$500+000				• •	85.9		84° 10°	• 0	94.0		81.1	0	į.	91.0	61.1		0	83.0	P	2 • 6	- 4	•==		73.2	9 0	000	•	72.5	0 +	7 0 0	-1		2°0			70 • 3	0	62.5		
BY SIZE OF	: \$500,000: TO \$1 : MILLION :	1 1 1			0	8.2		ភ ភ	9°5	7 0	1	4.2		1101		6.4		0	5.7		7.1		8.7		7.4			•	7.2	0 1	7 0	106		10.0			8.1	12.5	25.0	0	
MS * STORES		1		10 0		4.7				1 0				М		0	0.00	0	11.3			7.57	, 0		8 • 6	39.2	1 • 8	0	6 . 8	15.3	N V	0 • 0		20.0		1.6	8.1	S S	12.5	0	
ON OF FIRMS	\$3. MIL		ř	D (	75.0	1.2		4.9	4.44	V C	•	5.7	52.4	22.2	6.		9	75.0			00 L	1000	24		8.1	51.0	0.7	C • T	10.5	62.4	9.6	3 ° G		50.0	0	0		5000		0	
DISTR	s4 MILLION AND OVER	PERCENT		å,	27.0	. 0		េ្ខ		<b>.</b>	•		9.5	25.5	0	-	9 M	25.0	0		0 (	<b>&gt;</b> •		•	2.9	ດ. ໃນ ໃ	10.5	n•1		22.4		D		15.0		0	- 4	12,5	1	0	
RM 2/	ESS HAN 0.000		-	100.0	<b>.</b>	100.0				7.1		100.0	0	េ្	99.5	6	0 0 0 0	9 0	100.0		100.0		67.7		100.0	0	14.9	ດໍ	100.0	0	18.3		100.0	1	÷		100.0	· -	. 6	80.8	
ZE OF F	000			100.0	<b>D</b>	100-0		100.0		3.1		100.0	0	9.1	6.06		0.001	<b>&gt;</b> C	100.0		100.0	20.0	0-08		100.0	6.5	0	95.5	100.0	0	7.1		100.0	20.	0	0.	-	7 K	9	0	
0 8	999			100.0	ഗ	0 0	•		77.8	7.4	14.8	100.0	40		45.0		100.0	° -	66.7		0	57.1	$\sim$	•	0	55.6	N.	41.7	100.0	24.5	S	69.8	- 6	57	0	42.9	0	0.001	) H		
DISTRIBUTION OF	\$2- \$3.999				-	3000		100.0	9 • 96	4 .0	D	100.0	) (C		13.3		0	0 0 0 2			0 .		<b>.</b>	>	100.0		11.8			64.6				100.0		0		1000	•	0	
DISTR	\$4 MILLION AND OVER			100.0	75.0	25.0	Þ	100.0	100.0	0	0	100.0	70.0	50.0	) 		100.0	00 e	0 0	1	0	0	0 0	>	100.0	25.0	50.0	25.0	1000	79.2	20.8	0	0	0 - 5 - 6	25.0	0		10000	•	. 0	
	SMSA AND FIRM SIZE :			RACINE UI:	4 LARGEST FIRMS :	5-8 LARGEST FIRMS:	ALL UINER FIRMS	RALEIGH-DURHAM NC:	4 LARGEST FIRMS :	5-8 LARGEST FIRMS:	ALL OTHER FIRMS :	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A LABGENT FIRMS	SALD LARGENT FIRMS:	ALL OTHER FIRMS :		RENO NV:	4 LARGEST FIRMS :	ALL DINER HINES	200	RICHLAND-KINNEUIC WA:		5-8 LARGEST FIRMS:	ALL OTHER FIRMS	RICHMOND VA:	GEST FIRMS	5-8 LARGEST FIRMS:		40	4 LARGEST FIRMS :	5	OTHER FIRMS	- X	RGEST FIRM	SER LARGEST FIRMS:	ALL OTHER FIRMS :		ROCHESTER	THE PROPERTY MADERS	ALL OTHER FIRMS	

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

	DISTRIBUTIO	BUTION OF	STOR	SIZE OF FI	RM 2/	DISTRIB	OF FIRI	S. STORE	IZE	H H	
SMSA AND FIRM SIZE	S4 MILLION AND OVE	\$2- \$3.999 MILLIO	\$1- \$1.999 MILLION	\$500,000: T0 \$1: MILLION:	LESS THAN \$500+000	s4 MILLION: AND OVER:	\$2- \$3.999 MILLION:	\$1- \$1.999 MILLION	: \$500,000: : TO \$1 : MILLION:	LESS THAN \$500+000	NUMBER OF STORES
	1 1	1	1 1 1	1 1 1 1	PER(	PERCENT	1	: :	8 8		NUMBER
			c	6					i i		1
FST FIRMS	•				100.0	o a	∞ <	œ ц		71.7	682
LARGEST FIRMS			4 6	, 0		0 (	10		1001	8	ν. ν. π
ALL OTHER FIRMS :	4.0	15.3	40.0	78.4	99.8	)	1.6	0 e	7.0	85.9	568
							- 1		8		
KUCKFUKU				100.0	100.0		13.6		10.7	61.4	140
SAR LARGEST FIRMS			ໍ້ຕ	ر م د			nc	•	5 6	•	20
ALL OTHER FIRMS :	00	15.8	66.7	86.7	97.7	00	2.7	9.1	11.8	76.4	110
SACRAMENTO CA:	100.0	100.0	100.0	100.0	100.0	4 .	10.4	9.	6.0	70.1	546
RGEST FIRMS			ю.			29.5	57.4	11.5	0	1.6	61
5-8 LARGEST FIRMS:			19.6	σ		å	0	:		0	32
OTHER FIRMS			9		1.66	0			9.9	84.3	453
DANTORO	-	000	c			-		•			
RGFST FIRMS		76.97		•	• • c	1 e C	0.00		V 0 c	000	162
S-8 LARGENT-FIRMS:	4		) a	o c	o c		•	0	<b>&gt;</b> C	<b>&gt;</b> C	4
ALL OTHER FIRMS	0	•	5 8 8 8	100.0	100.0	0		0.0	7.2	87.8	139
										•	
ST CLOUD	100.0	100.0	(	100.0	100.0	1.1	F . 9	9	S	73.3	9.0
4 LARGEST FIRMS :	100		M	9.1	0				4	0	7
5-8 LARGEST FIRMS:	0 (		16.7	0	0	0	6	20.0	20.0	0	រ
ALL UIHER FIRMS	<b>-</b>	<b>3</b>	_	81.8	0.001	0	0		11.5	84.6	78
ST JOSEPH MO:			0	100.0	100.0	C		- 10	4,2	4.69	7.9
4 LARGEST FIRMS		55.6	80.08		0	• 0	38.5	61.5	V 0		3 6
AS.	0		0	0	0	0	100.0	0	0	0	4
ALL OTHER FIRMS	0	0	20.0	100.0	100.0	0	0	3.6	5.5	6.06	52
ST Louis Mo:	100.0	100.0	ď	1000	100.0	-	d d		0.1	70.1	1 4 6 1
4 LARGEST FIRMS		66.4	36	. 00	3	9 0	46.01		9 9	4 4	180
LARGEST FIRMS		4.0	9		0		21.7		17.4		N CO
ALL OTHER FIRMS :	C)	29.6		88.2	6.66	1.0	2.9	6.9	ω 0 1	81.3	1258
	100	0.001		d	000		G L	14	ù	1	Ī.
I APERCT ETONS				0 P P	0.00	0 C	η,	, o	1 0	1201	174
5-8 LARGEST FIRMS:			ח נכ	• c	<b>-</b>	v c	1011		100	<b>=</b> c	18
ALL OTHER FIRMS :	0	22.2	50.0	66.7	100.0	. 0	) • • • •	7.7	4.6	86.2	130
										)	
SALINAS-SEASIDE-M CA:	100.0	100.0	100.0	100.0	100.0	2.6	7.7	7.1	9.0	73.7	156
RIP - ADDENT FIRMS		1000	18.2				57.1	•	0 0	0 (	14
ALL DIRECTIONS		160.7	40.00	40.00	300.0	<b>o</b> c	1.5		1200	) 1	X) 4
						•	9			0	† C
	4										
SEE FOOTNOTES AT	END OF TABLE	Е.								CONT	CONTINUED

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

Name	The color   The		i i	BUTION	STORES BY	SIZE OF FI	RM 2/	DISTRIBUTI	ON OF FIR	MS. STORES	S BY SIZE OF	STORE 3/	: TOTAL
Number   N	Number   N		S4 MILLION AND OVE	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000 TO \$1 MILLION	LESS THAN 500,00	\$4 MILLION AND OVER	\$3.999 MILLION	\$1.99 MILLI	00,000 0 \$1 LLION	LESS THAN 500+00	NUMB OF STOR
100   100	100.0   100.0   100.0   100.0   100.0   1.3   17.7   9.9   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   77.2   7.0   64.1   7.0   7										0		NUMBER
100   100	100.00   1	•••	-				c		7			4	373
100   100	100   100	Th.	00	000	9 -	• •	• -	0 0	- 6		1	0	73
100.0   100.0   100.0   100.0   100.0   10	100   100	200	<b>&gt;</b> 0		•	- 4	6		5			•	51
100.0   100.0   100.0   100.0   100.0   100.0   1	100.0   100.0   100.0   100.0   100.0   10	S	0		å	9						-	249
100   100	100.0   100.	** ;	4			ď	ď					7.	93
100.0   100.0   100.0   100.0   100.0   1.5   1.5   1.8	100.0   100.	X	100		э <u>г</u>		9 0			•		0	10
100.0   100.0   100.0   100.0   1.3   27.5	100.0   100.	0 110	9 0		9 4		4		0			e Q	21
100.0   100.0   100.0   100.0   100.0   1.3   4.5   4.3   1.8   88.0   1.0	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	15		0	0	0	ນີ	0	0	0		20	D.
100.0   100.	100.0   100.		- 6	0	-	- 6	0					8.	m
30.8         10.6         0         0         6.9         8.6         1.9         0         0.6         0         0         0.6         0         0         0         0.6         0	100.0   100.	. X	- u	9 6	9 4		9					•	M I
100.0   100.0   100.0   100.0   2.2   2.5   0.5   1.	100.0   100.0   100.0   100.0   100.0   2.2   2.5   11.6   5.4   5.9   73.2   77.2	2	9 0	200								4.	n.
100.0   100.0   100.0   100.0   100.0   100.0   2.5.0   25.0   11.6   5.4   5.9   73.2   13.0   100.0   100.0   2.2   18.1   17.3   17.5   1.0   17	100.0   100.0   100.0   100.0   2.5   2.5   11.6   5.4   5.9   73.2   77.5	E KEN	,	8 60	S RU	00	8					9	4
100.0   100.0   100.0   100.0   100.0   2.2   2.0   17.2   17.5   1.0	100.0   100.0   100.0   22.0   25.0   17.5   1.0   1	••								4		100	-
86.7         64.4         42.9         6.5         18.1         2.0         17.2         7.6         2.5         2.1         17.2         7.6         2.1         17.2         7.6         2.1         17.2         7.6         2.1         17.2         7.6         2.1         17.2         7.6         2.1         17.2         7.6         2.1         17.2         7.6         2.1         2.5         2.1         17.2         7.6         2.6	B667         6444         426.9         65.2         65.2         14.0         15.0 <t< td=""><td>CA:</td><td></td><td></td><td>0</td><td>dis.</td><td>000</td><td>o u</td><td>4 10</td><td></td><td></td><td></td><td>0</td></t<>	CA:			0	dis.	000	o u	4 10				0
10.0         27.8         26.2         6.9         4.6         7.9         6.4         6.0         75.1         5.           10.0         100.0 <t< td=""><td>100.0         27.8         26.2         18.1         27.8         26.2         18.1         27.8         26.2         18.1         27.8         26.2         18.1         27.9         6.4         6.0         6.0         75.1         520           110.0         100.0         100.0         100.0         100.0         100.0         100.0         100.0         23.6         44.7         18.9         2.8</td><td> Sh</td><td></td><td></td><td>N.</td><td>-</td><td>7</td><td>e n</td><td>9 6</td><td></td><td></td><td></td><td>4</td></t<>	100.0         27.8         26.2         18.1         27.8         26.2         18.1         27.8         26.2         18.1         27.8         26.2         18.1         27.9         6.4         6.0         6.0         75.1         520           110.0         100.0         100.0         100.0         100.0         100.0         100.0         100.0         23.6         44.7         18.9         2.8	Sh			N.	-	7	e n	9 6				4
100.0         100.0 <th< td=""><td>3.3         7.8         31.0         91.5         84.7         4.6         7.9         6.4         7.5.1         22.0           100.0         100.0         100.0         100.0         100.0         100.0         100.0         2.8         44.7         18.9         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         3.8</td><td>RMS:</td><td></td><td></td><td>9</td><td></td><td>1001</td><td></td><td></td><td></td><td></td><td>80</td><td>N</td></th<>	3.3         7.8         31.0         91.5         84.7         4.6         7.9         6.4         7.5.1         22.0           100.0         100.0         100.0         100.0         100.0         100.0         100.0         2.8         44.7         18.9         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         2.8         3.8	RMS:			9		1001					80	N
100.0   100.0   100.0   100.0   4.6   7.9   6.4   6.0   75.1   28   13.7   11.6   11.4   6.4   6.0   75.1   28   13.7   11.6   11.4   6.4   6.0   75.1   28   13.7   11.6   11.5   11.	100.0   100.0   100.0   100.0   4.6   7.9   6.4   6.0   75.1   220   10.1   1	W.S			-	-	210	V •	•				
13.6   15.6   1.	13.7         13.6         56.1         28.9         4.5         0         33.6         44.7         18.9         2.8         0         2.1         2.8         0         2.8         2.6         194.7         194.9         3.8         6.8         52.6         5.2         5.8         2.6         2.6         3.6         3.5         44.7         18.9         2.8         2.8         2.8         2.8         2.6         194.9         3.6         194.9         3.8         3.6         6.7         3.6         194.9         194.9         3.8         3.1         3.4         4.6         6.7         3.6         194.9		-	0	000	.0							2
13.7         11.6         1.94         *8         *1         36.8         52.6         53.5         2.6         5.5         2.6         5.5         1.5         1.6	13.7         11.6         1.4         9         1         36.8         52.6         52.6         5.2         2.6         2.6         2.6         2.6         1.6 <td></td> <td></td> <td>56</td> <td>28</td> <td>4.</td> <td>0</td> <td>3</td> <td>4</td> <td>å</td> <td></td> <td></td> <td>-H P</td>			56	28	4.	0	3	4	å			-H P
100.0         100.0 <th< td=""><td>100.0         <th< td=""><td>TDMC</td><td></td><td>1</td><td></td><td></td><td>- 0</td><td>9</td><td>ŝ</td><td></td><td></td><td></td><td>7 4</td></th<></td></th<>	100.0         100.0 <th< td=""><td>TDMC</td><td></td><td>1</td><td></td><td></td><td>- 0</td><td>9</td><td>ŝ</td><td></td><td></td><td></td><td>7 4</td></th<>	TDMC		1			- 0	9	ŝ				7 4
100.0         100.0         100.0         100.0         5.1         14.7         8.5         4.6         67.3           78.1         53.3         17.5         3.4         0         14.8         58.3         10.7         1.2         0         0           12.6         18.5         11.5         0         0         10.0         10.0         22.2         0         0         0           10.0         28.5         71.2         96.6         100.0         10	100.0         100.0         100.0         100.0         59.8         58.3         10.7         4.6         67.3	E SE	-	5	6	4.	9	<b>6</b> 0					3"
CA: 100.0 100.0 100.0 100.0 100.0 29.0 58.3 10.7 1.2 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CA: 100.0 100.0 100.0 100.0 100.0 29.8 58.3 10.7 1.2 0 2 6 6 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	••							<	- 1			62
Second Fig. 1. 10. 10. 10. 10. 10. 10. 10. 10. 10.	Fig. 12   Fig. 13   Fig. 2   Fig. 2   Fig. 2   Fig. 2   Fig. 3   Fig. 2   Fig. 3		100		0			n n	e d	9 6	, (	,	0
IRMS:         12.5         18.5         11.5         96.6         100.0         3.3         13.2         7.2         5.4         81.8           IS:         96.4         100.0	National Color		78		P 1		<b>&gt;</b> •		0 10	, ,	•	0	2
LAST 100-0 100-0 100-0 100-0 100-0 3-3 13-2 7-2 9-2 67-1 100-0 100-0 100-0 100-0 12-5 50-0 18-8 9-4 9-4 9-4 9-4 9-4 9-4 9-4 9-4 9-4 9-4	LARIOLO 100.0 100.0 100.0 100.0 3.3 13.2 7.2 9.2 67.1 15 15 100.0 100.0 100.0 100.0 12.5 50.0 18.8 9.4 9.4 3.4 3.4 3.5 100.0 100.0 100.0 100.0 16.7 33.3 50.0 0 0 0 16.7 33.3 50.0 0 0 0 0 16.7 33.3 50.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		12		→ ~	9		•	S.	-			$\leftarrow$
4 CA: 100.0 100.0 100.0 100.0 100.0 12.5 13.5 13.6 14.8 9.4 9.4 9.4 9.4 10.0 10.0 10.0 10.0 10.0 12.5 13.5 13.8 9.4 9.4 9.4 9.4 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10	4 CA: 100.0 100.0 100.0 100.0 100.0 12.5 50.0 18.8 9.4 9.4 3 3 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2	•										LIT?
4S : 80.0 80.0 54.5 21.4 2.9 15.7 33.3 50.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15	N CA:	100		0		0	• •	9 0	• c		9 4	
IRMS: 2000 1000 27e3 78e6 97e1 6 1e8 1e8 9e6 86e8 18 18 2 78e6 97e1 6 1e8 1e8 1e8 9e6 86e8 18 18 18 18 18 18 18 18 18 18 18 18 18	IRMS: 2000 1000 2703 7866 9701 0 108 108 108 108 108 118 108 118 108 10	HS :	80		• •		N C	e i	9 K				
CA: 100.0 100.0 100.0 100.0 100.0 4.7 8.5 9.4 8.5 68.9 10.0 100.0	CA: 100.0 100.0 100.0 100.0 100.0 4.7 8.5 9.4 8.5 68.9 13  CA: 100.0 100.0 100.0 100.0 100.0 0 0 0 0 0	IRMS	20.		• 6		97.1	, p	) e-4	1:	. 0		11
CA: 100.0 100.0 100.0 100.0 100.0 4°7 8°5 5°4 6°5 6°5 6°5 6°5 6°5 6°5 6°5 6°5 6°5 6°5	CA: 100.0 10	2		•	)								
IRMS: 100.0 55.6 0 0 0 50.0 0 0 50.0 0 0 0 1 1 1 1 80.0 1 1 1 1 80.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IRMS: 100.0 55.6 0 0 0 50.0 50.0 0 0 0 1 1 1 1 8.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40	100	00	0	ô		4					<b>&gt;</b>
IRMS: 0 33.3 20.0 0 0 60.0 40.0 0 9.9 80.2 HS: 0 11.1 80.0 100.0 100.0 100.0 0 1.1 80.8 9.9 80.2 HS: 0 110.0 100.0 100.0 100.0 31.6 52.6 15.8 0 0 0 20.0 60.0 20.0 0 0 18.8 14.3 20.0 5.9 0 0 0 20.0 60.0 20.0 0 0 1.3 76.5 100.0 100.0 0 1.3 8.2 3.2 87.3	IRMS: 0 33.3 20.0 0 0 0 60.0 40.0 9 9.9 80.2 HS: 0 11.1 80.0 100.0 100.0 0 1.1 8.8 9.9 80.2 HS: 0 110.0 100.0 100.0 100.0 3.8 8.2 9.3 2.7 75.8 1 CA: 100.0 100.0 100.0 31.6 52.6 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 0 CA: 15.8 0 0 CA: 15	MS	100	55.	0	0	0	0	ô	<b>-</b>	<b>&gt;</b> c	<b>&gt;</b> C	1
HS: 0 11.01 80.0 100.0 100.0 0 1.01 80.8 50.7 75.8 CA: 100.0 100.0 100.0 3.8 80.2 90.3 20.7 75.8 HS: 0.0 0 31.6 52.6 15.8 0 0 0 1 10.8 5.9 0 0 0 20.0 60.0 20.0 0 0 1.3 76.5 100.0 100.0 0 1.5 80.2 3.2 87.3	HS: 0 11.1 80.0 100.0 0 1.1 8.8 7.7 50.0 CA: 100.0 100.0 100.0 3.8 8.2 9.3 2.7 75.8 1 CA: 100.0 100.0 100.0 3.8 8.2 9.3 2.7 75.8 1 HS: 85.7 66.7 17.6 0 0 20.0 60.0 20.0 0 0 0 1 1.3 8.2 87.3 1 HS: 0 13.3 76.5 100.0 100.0 0 1.3 8.2 3.2 87.3 1	IRMS	0	9	0	0	0	D		•		- (	0
CA: 100.0 100.0 100.0 100.0 100.0 3.8 8.2 9.3 2.7 75.8 S. 100.0 100.0 17.6 0 0 31.6 52.6 15.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CA: 100.0 100.0 100.0 100.0 100.0 3.8 8.2 9.3 2.7 75.8 1  KS: 85.7 66.7 17.6 0 0 31.6 52.6 15.8 0 0 0  IRMS: 14.3 20.0 5.9 0 0 20.0 60.0 20.0 0 0  KS: 0 13.3 76.5 100.0 100.0 0 1.3 8.2 87.3 1	N.S.		1.	0	•	0	0					`
MS.: 18-7 17-6 0 0 31-6 52-6 15-8 0 0 0 1 N N N N N N N N N N N N N N N N	MS: 85.7 17.6 0 0 31.6 52.6 15.8 0 0 0 MS: 85.7 17.6 0 0 0 20.0 50.0 0 0 0 1 14.3 20.0 5.9 0 0 0 1.3 8.2 87.3 1 MS: 0 13.3 76.5 100.0 100.0 0 1.3 8.2 87.3 1	Č	100	6	Q		0			9			
IRMS: 14.3 20.0 5.9 0 0 20.0 60.0 20.0 0 U	IRMS: 14.3 20.0 5.9 0 0 20.0 60.0 20.0 0 0 1RMS: 14.3 20.0 0 1.3 8.2 87.3 1	N C	9 00	66.	) <u> </u> -	0	0	-	2	ŝ	0	0 (	-1
. 0 13.3 76.5 100.0 100.0 0 1.3 8.2 3.2 die	. 0 13.3 76.5 100.0 100.0 0 1.5 8.2 5.2 6/.5 1	RMS	14	0	S	0	Θ.	0	ů,	6			4
		HS.	0	3	9	0	0	0					7

SEE FOOTNOTES AT END OF TABLE.

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

8 •• • • • • • • • • • • • • • • • • •		BUTION 0	OR	ZE OF FI	M 2/	DISTRIBUT	ION OF FIRMS	s ST	BY SIZE OF	STORE 3/	
SMSA AND FIRM SIZE	S4 MILLION AND OVER:	\$2- \$3.999 MILLION	\$1.999 MILLION	\$500+000: TO \$1	LESS THAN \$500,000	84 MILLION: AND OVER:	\$2- \$3.999 :	\$1- \$1.999 MILLION	\$500,000: TO \$1 :	E A A D	:TOTAL :NUMBER : OF :STORES
•••••	1	1	1		PERCINI	2 = 1					NUMBER
SARASOTA FL:	100.0		0	100.0	400.0		- 1		0.4	711.7	0
4 LARGEST FIRMS :	100.0	100.0	S	0	0	27.8		1			18
5-8 LARGEST FIRMS:	0 0	00	0.00	0 0	26.8	0	0	17.4	0	82.6	23
		•	ח	0.00	1302	D.	D		6 • 9	89.7	28
SAVANNAH GA:	100.0	100.0	100.0	100.0	100.0				6.9	82.0	233
A LARGEST FIRMS	_	66.7	M)		0	23.1			0	0	> ⊷
ביי		000	ກ ເຂື້ອວ	100 100 100 100 100 100 100 100 100 100	100.0	0 6	ດໍ ຕ	14.3	42.00 A		7 200
						3	•		7 0 0		513
SEATTLE-EVERETT WA:	100.0	100.0	9	100.0	100.0	3.1		8	7.1	67.8	996
S-B - ABGEST FIRMS	85.0	63.7	m (	4 0	0 (	18.1			2.2	0	M
ALL OTHER FIRMS	10.0	23.0	38.0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100	4 ບໍ່ຈ	27.3	10 10 10 10 10 10 10 10 10 10 10 10 10 1	15.9	0 1	44
		•	•	)	•	•	•		(+2	85.5	184
SHERMAN-DENISON TX:	0	100.0	100.0	100.0		0			ري • د	90.1	121
4 LARGEST FIRMS			00	0	9.	0	31.6	15.8		52.6	l 🕶
ALL OTHER RIGHT	<b>D</b>	0 0	0 0	100.0	10.1	0	0	0	21.4	78.6	14
ALL OTHER TIMES		5	0	Þ	•	0	0	0	0	100.0	88
LA	100.0				100.0	1.1	3.1		4.0		4
LARGEST FIRMS	60.0	64.3		72.2	12	3.7	11.1		16.0	60 60	- œ
ALL OTHER FIRMS:	0 0 0	21.4	27.3	0	0	18.2	27.3	54.5	0	0	11
UINEK FIKMS	0	14.3		27.8	87.4	0	9•		1.4	95.5	356
SIOUX CITY IA:	0		100.0	100.0	100.0	0	6.8		10.2	70.5	88
4 LARGEST FIRMS :	0 (	66.7	54.5	33.3	1.6	0	28 • 6	N	21.4	7.1	44
ALL OTHER RICKS	<b>-</b>	00 00 00 00	, עם		0	0	66 • 7			0	М
OINEN LINE	•	5	200	: / • 9 q	98.4	D	0		8 . 5	85.9	71
SIOUX FALLS SD:	0	100.0	100.0		100.0	0		8	12.7	63.6	C.
4 LARGEST FIRMS	0 (		0.0	45.9	0	0	37.5	43.B	18.8	0	16
DES LARGEN FIREN	0 6	0 (	0	_	0	0	0	0	.0	0	4
ALL DINER FIRMS	<b>-</b>	Þ	<b>3</b>	0	100.0	0	0	0	0	100.0	35
SOUTH BEND IN:	100.0	100.0	0	.0	- 0	- 0		-			4
4 LARGEST FIRMS :	83.3	64.3	26.7	10	-	1 10	42.9	, D	200	0 0	100
5-8 LARGEST FIRMS:	16.7	21.4	9	0	0		0				1
ALL OTHER FIRMS :	0	14.3	£ 99	0.06	0.66	0		7.	14.0	76.7	129
SPOKANE WA:	0	100.0	100.0	100.0	100.0	c	2019		9	2 27	177
4 LARGEST FIRMS :	0	95.8	0	0	0	. 0	S (C	9 4			1 K
5-8 LARGEST FIRMS:	0	4.2	12.5	5.9	0	0		60.0	•	0	ິດ
ALL OTHER FIRMS :	9	C)	~		100.0	0	0	. 9	11.7	81.8	137

SEE FOOTNOTES AT END OF TABLE.

CONTINUED--

SEE FOOTNOTES AT END OF TABLE.

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

	DISTRIBUTI	IBUTION OF	STORES BY	SIZE OF FIR	RM 2/	DISTRIBUTION	OF FIRM	8	BY SIZE	ST	
SMSA AND FIRM SIZE	\$4 MILLION : AND OVER:			500,000 TO \$1 ILLIGN	ESS HAN 0,000	MIL	\$2- \$3.99 MILLI	\$1- \$1.99 MILLI	00+0 0 \$1 LLIO	ESS HAN 0+00	: NUMBER : OF :STORES
						ENT					NUMBER
TALLAHASSEE FL:	100.0	100.0	100.0	100.0	0	2.5	3.6	1.5	4.4		137
4 LARGEST FIRMS :	100	ċ	0	0	ů						35
5-8 LARGEST FIRMS:	0 (	0	100.0	20.0	10.7	0 (	0	11.1	16.7	72.2	18
ALL UTHER FIRMS		•	9	•	å	D	9	<b>-</b>			40
TAMPA-ST PETERSBU FL:	100.0		9	100.0	100.0	- 4	E. B.		0.0	82.0	N.
4 LARGEST FIRMS		87.6	54	4	0		65.4		00	0	10
5-8 LARGEST FIRMS:		6.2	22.7	21.7	23.4	1.3	2.7		2.2	6	223
ALL OTHER FIRMS :		6.2	S	3		0	6.	1.5	2.2	95.2	œ
	000		6								- 1
ALABOTOT CYBES			0.001	0.00	100°C	7 ° T		7 e	. p. 1	84°C	163
STREET TERMS	200	7 8 6	9 0	•	9 6		0.04	0.07	) 0 1	9 6	2 6
ALL OTHER FIRMS :	0	•	28.6	90.0	100.0	0		0 10	6.1	95.6	148
••									-	1	
TEXARKANA TX:	0	100.0	100.0	100.0	100.0	0	2.3	4.6	4.1	6	218
4 LARGEST FIRMS :			0	0	1.0	0	28 • 6	57.1	0	4	14
5-8 LARGEST-FIRMS:			20.0		7.2	0	5.9	~	0	S	17
ALL OTHER FIRMS :		0	0	100.0	91.8	0	0	0	4.		187
TOLEDO			ć	100-0	0.00 %	9-6	9.01	7-6	٩٠٩	0.83	505
ARGEST FIRMS			73.5	13		6.7	9	40.0	6.7	0 0	50
5-8 LARGEST FIRMS:	50.0		0	4	0.0	21.4	10.7	0	7.1	60.7	28
ALL OTHER FIRMS :			26.5	82.6	94.5	0	3.1	3.4	9.8	M	388
			0	0	0	c		0			*
4 LARSEST FIRMS			א כ		>		7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	36.8	• •	1 000	10
5-8 LARGEST FIRMS:			18.8	10.0			٥ (	0 4	- 4	; :	7
ALL OTHER FIRMS :		23.1	37.5	0.06	93.4	0	4	6.7	10.1	79.8	89
- I'N		100.0	0.001	4	100	0 7	ď	ď	100		010
4 LARGEST FIRMS		72.7	98.99	N 00 00 00 00 00 00 00 00 00 00 00 00 00	, 0	0.00	30.8	6.90	1100		96
5-8 LARGEST FIRMS:		9.1	(a)		0	9	16.7	9	1	0	9
ALL OTHER FIRMS :		18.2	27.3	7.99	100.0	្ន	1.1	1.6	3.2	93.5	186
	6										
LUCSUN AZ	100.0		100.0	100.0	0	2.1			4.1	Φ,	340
A LARGEST FIRMS	28.6	32.9	41.02	57.1	25.4	0,0	17.5		7.8	0 • 99	103
1-0 LANGES+ FINAS.	46.00		0 - 1 - 5		<b>,</b>	16.6				<b>-</b>	91
ALL UINER FIRMS :	20 0 0		-	42.9	4.6	•	. 0		2.1	90 • 5	221
TULSA OK:		100.0	100.0	100.0	100.0	1.2	7.8	8.9	4.5	7.47	516
4 LARGEST FIRMS					•	10.5	49.1	38.6			2,
D-8 LAKGENI PIKAN	0	ů	13.0	et 1	27.9	Φ.		5 0 0		92.6	121
ALL UTHER FIRMS	0		39.1	95.7	÷	0			6.5		338

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

	DISTRI	DISTRIBUTION OF	10	IZE OF F	M 2/	DISTRIBUTI	N OF FIR	STORE	SIZE 0		
A AND FIR	\$4 MILLION AND OVER	\$3. 83.	\$1- \$1.999 MILLION	\$500,000: TO \$1	LESS THAN \$500+000	S4 MILLION: AND OVER	\$2- \$3.999 MILLION:	\$1.999 MILLION	\$500,000: TO \$1: MILLION:	i e i	- Z . o
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					1		1	- 1		1	
			1							0	0 1
TUSCALOOSA AL:	0	100.0	0	100.0	0 ° 0 ° 1.	<b>-</b>	2 0 6 6		2000	0 0	40.
LARGEST FIRMS	0	100.0	0 × 0	å	⊋ 4	> 0				, d	4 0
LARGE	0 0	0 0		0 k	1.4°G	- c	- c	• •	1.4	98.6	142
ALL OTHER FIRMS	9	5	5	2	2	•	,				
TYLER			0		100.0	80	5.6	9	2.04	84.9	126
4	00	100.0	87.5	3.		. 0				0	16
-8 LARGEST FIRMS	0	0	12.5	G G 6 G	9	0	0	1.	11.1	77.8	6
1	0	0	O	5		0	0	0			101
1			-	-		P.		NO.	- 6		303
UIICA-KUME NI:	0000		•	9 0	9 -	6.0					35
na	• • •		9 00	JA	100	)	11.5	9	23.1	19.2	26
ALL OTHER FIRMS	, 0	8 60	31.0	55.6	96.4	0	•				242
••											# U
~	100.0		ů	100.0	100.0	2.6		ŝ,	20 v	0.1	122
	-	64.7	13.3	-	0	22.5	61.1	1101		<b>=</b> c	10 a
LARGEST FURMS	0	17.6	ů,		<b>5</b> (	<b>&gt;</b> •		ů	2	ם ט ע	100
ALL OTHER FIRMS :	0		9	80 80	100.0	Þ				9	121
ON TIESTICAL CHAIRMAN	-	100.0	-	-	100.0					.85.4	137
2	1000		N C	16.7	0	25.0	41.7	25.0	8.3	0	12
5-8 LARGEST FIRMS:		28.6	25.0	0	5.1	a	22 • 2	11.1		2.99	6
ALL OTHER FIRMS :	0		0	83.3		0	0	0	44 60	ຕິ	116
						u			4 7	4	000
WACO	100.0		å,	å,	100.	° °	• • +	•	, L	48.7	a M
4 LARGEST FIRMS :	100.0	0.06	88.5	14°3	<b>-</b>	0 0	16.7	16.7	10.07	2	9
5-8 LARGEST FIRMS:	<b>5</b> 6	0 0 0	• - c	• ·	0 0	o	, .		3	94.9	175
ALL DIREK FIRMS	9	•	•	-	•	•	,	)			
TASHINGTON DC:	100.0	100.0			100.0	- 0	13.7		4.4	68.7	1343
4 LARGEST FIRMS	94.4	86.	67.0	1.7		27.9	S	19.3	٠ د	•	305
S-A LARGEST FIRMS:	13 E.		9	'n					3.4	86.2	261
ALL OTHER FIRMS :	2.5	3.8			2		6.		6.3	o O	111
			- 0						0.7	_	100
<u>ا</u>	100.0		0		100.0	• • •		• • u	100	1 1	۰,
4 LARGEST FIRMS :	75.0	60.09	22.5	, co		900	1000	10 0 d	0.00		101
5-8 LARGEST FIRMS:	20°0		t r		0 0		•	; ;	50.1	93.3	178
ALL OTHER FIRMS	5	0	7	•	0	•	•	•		)	
MATERLOO-CEDAR FA IA:	00		•	100.0	100.0	4.2	8	15.3	6.9	65.3	72
S		83.3	45°5	0	0	23.1	38.5	8		0 (	13
5-8 LARGEST FIRMS:	0		7.	40.0	0	0	9,	•	0.00	100	ם א
ALL OTHER FIRMS :	0	0	2	0	100.0	0	0				

SEE FOOTNOTES AT END OF TABLE.

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

	1 H	UTION	TORES BY	IZE OF FI	M 2/	TSIG:	OF FIRM	S STORES	BY SIZE OF	STORE 3/	
SMSA AND FIRM SIZE	\$4 : MILLION : AND OVER:	\$2- \$3.999 MILLION	1- 9999 LLI0	0 0 0 5 1	LESS THAN 500,0	SA MILLION AND OVE	\$2- \$3.999 MILLION	1- -999 LLION	0+000 \$1 LION	ESS HAN 0 000	• • • • • •
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					PERCE	NTILL		T		l t	₩
											150
PALM BEACH-B	10	_	å,	100.0	100.0	20 00			, ,		9 4
LARGEST FIRMS	100		٥			• V =	0 M		- 4	0	79
S-8 LAKGES! FIRMS: ALL OTHER FIRMS :	0 0	0 00	33.0	5863	77.4		1 0 0	2.1	3.0	93.7	237
		9	6	ď	100.0	- 4	40.00	- 4			
WHEELING WAS	7 4	10000	4 1 4	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	•	12.5	37.5	31.3	12.5	6.3	16
FLANGES! FINES .	. א		100				11,01				6
ALL OTHER FIRMS :	20	0	50.0	66.7	9.96	0	_	6	2.2	4	183
		9		-			- 0	- 6			205
WICHITA KS:	100		0	0.00	7-1		4 4	) M	12.2		4
A LAKGESI FIKMS :	P 14		, ,			14.3	71.4	14.3			7
ALL OTHER FIRMS :	0	37.5	37.8	73.7	98.4		. 0	œ	8 • 9	76.4	157
									0		101
WICHITA FALLS TX:	100.0	100.0		•	100.0	SC 0	0 0 0	70.0	0 4.5		21
4 LARGEST FIRMS			- 0	9 6	5 -		0	4	9 .4	•	1 0
ALL DITHER FIRMS	<b>&gt;</b> C	<b>9</b> C	0	40.0	78.1	. 0			5.1	6.46	79
WILLIAMSPORT PA:	10	100.0	ô	100.0	100.0	1.0	7.1	6	4 4	78.6	
4 LARGEST FIRMS	100.	00	77.8	٠ د د	4 -		0000			100	11
S-8 LAKGESI FIRMS:	<b>ə</b> c	<b>-</b>	7 • 7	25.0				0	1.5		6.8
ALL OTHER THAN		9	•								1
WILMINGTON DE:	10	100.0	•	100.0	100.0	4.7	-1	9 10	, S	78.5	363 5 8 3
4 LARGEST FIRMS	_	88.9	58°			23.05		0 ° °		9 4	U W
5-8 LARGEST FIRMS:	Η.	-	· ·	200	1 0 0 0 T	7.0		0 0	2.6		274
ALL OTHER FIRMS	7	9	• N	9	3		,				
- 2	100.		•	100.0	100.0		5.7	4 • 1	4.1	85.6	194
4 LARGEST FIRMS	100.0	72.7	62.5	0.	9.	in e		26.3	21.1	ກໍ່ເ	16
Œ			å	0	9	0			, > (	0	173
ALL OTHER FIRMS :		0	ນ	20.0		0	0		7.0	·	100
M GP F A P C C C C C C C C C C C C C C C C C C		- 4		100.0				7.6	2.7	74.6	224
A LARGEST FIRMS	500	45.8	23.5	0	-	22.7	50.0	18.2	0	9.1	22
5-8 LARGEST FIRMS:	4		0	0	0	9					9
ALL OTHER FIRMS :	10.	45 . 8	76.5	100.0	98.8	ព្		9.9	3.1	84.2	196
Z = X = X = X = X = X = X = X = X = X =	100	- 6		•	100.0			4		68.3	123
4 LARGEST FIRMS	100.0	99	38	16.7		18.8			ŝ	0	
LARGEST FIRM	0	16.7	22.2	• 9	0	0	14.3	57.1	28.6	0	7
L OTHER FIRMS	0	9	8	• 9	100.0	0				84.0	

SEE FOOTNOTES AT END OF TABLE.

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

. DISTRIBUTION	DISTR	DISTRIBUTION OF	STORES BY	SIZE OF FIRM	RM 2/	DISTRIBUTION OF FIRMS STORES	N OF FIR	MS STORE	84	STORE 3/	
SMSA AND FIRM SIZE	S4 : \$2- MILLION : \$3.99 AND OVER: MILLI	\$2- \$3.999 MILLION	\$1-999 MILLION	\$500,000: TO \$1 HILLION:	LESS THAN \$500,000	\$4 MILLION AND OVER	\$2- \$3.999 MILLION	\$1.999 MILLION	\$500,000: T0 \$1	LESS THAN \$500,000	⊢Ž Ω
							1 1 1 1 1 1	; ; ; ; ; ;			
	8	1 1 1 1	1 1 1 1	4 4 6 0	PER	PERCENT		1 1			NUMBER
YORK PA:	-	100.0	100.0	100.0	100.0	1.9	5.6	7.1	0.9	79.4	267
4 LARGEST FIRMS :	80.0	80.0	10.5	12.5	• •	19.0	57.1	9.5	9.5	4.8	2 2 2 2 1
5-8 LARGEST FIRMS:	20.0		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	ь С	21.7	52.2	17.4	4° 4	4	200
5-8 LARGEST FIRMS:	12.5	9.5	30.0	25.6	14.0	1.4	2.9	17.1	14.3	64.3	7.0
ALL OTHER FIRMS :	25.0	33.3	60.0	71.8	85.7	9.	2.1	7.1	8e 3	81.8	336
	1			1 1	EIGHTED MEAN	AN (PERCENT)	1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MEAN
ALL SMSA"S	100.0	100.0	180.0	100.0	100.0	2 • 8	7.2	7.4	္စ	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	5.02	15.6	14.9	6.0	58.3	33
ALL OTHER FIRMS	12.9	1.9 • 8	41.0	7.27	93.0	4	1.8	3.8	5.6	88.4	347
• •• •					N	NUMBER					
ALL SMSA®S	939	263	262	262	263	970	276	070	0 70	2 7 0	200
4 LARGEST FIRMS :	236	261	253	182		236	261	0 C	182	140	200
5-8 LARGEST FIRMS:	123	228	222	155	141	123	228	222	155	141	200
ALL OTHER FIRMS :	61	146	225	256	263	61	146	225	256	263	263
		000000000000000000000000000000000000000	1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8							

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. 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/

Very   Very	IRM SIZE	- 1	DISTRIBUTION OF	STORES BY	0F FI		DISTRIBUT	TOW OF FIR				TOTA
HEAMSE FIRMS 100.0 10.0 10.0 10.0 10.0 10.0 10.0 10		\$4 ILLION ND OVER:	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000: 70 \$1 : MILLION :	LESS THAN \$500,000	#ILLION AND OVER	\$2- 3.999 ILLION	\$1.999 # MILLION	: \$500,000 : TO \$1 : MILLION	LESS THAN \$500+00	NUMBE OF STORE
BEANTS  BEANTS	•• ••	1			MSA & S	1 MILLIO	OR MORE P	PULATI				
LARGEST FRANK 100-0 100-0 100-0 25-6 17-9 17-1 14-2 26-1 15-4 15-9 15-9 15-9 15-9 15-9 15-9 15-9 15-9			1	8	1 1	IGHTED M	N CPERCENT	i i	1	1	1	EA
FIGURES FIRMS 15.2 24.6 46.3 12.7 2.1 44.2 26.1 16.3 15.8 15.8 12.8 14.8 15.8 15.8 15.8 15.8 15.8 15.8 15.8 15	Seven	0.00	0	00	0.00	100.0	3.6	7.	7.		ů.	65
HARREST FIRMS  13.5  16.2  16.2  16.2  16.2  16.3  16.3  16.4  16.5  16.	LARGEST FIRMS	70.	2	40.	12.	•	ŝ	÷.	9		4	00 0
HUNDER FIRMS 16.2 24.6 45.3 81.8 93.5 .7 2.4 4.1 5.7 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	5-8 LARGEST FIRMS:	6	16.4	4	ຕໍ	ນ		7 .	4		9 100	77
LAGEEST FIRMS  24	ALL OTHER FIRMS :	. 9	24.6	ព្រ	1.	6	.7				•	9
SHSANS FIRMS 34 34 34 34 34 34 34 34 34 34 34 34 34						NOI	8					
FINAL STATES TERMS	SASASAS	34		34		4		et Ot	4	34	34	34
SHSA'S  SHSA'S LIRGEST FIRMS  SHSA'S WITH 300,000 = 999,999 POPULATION  SHSA'S  LIOO-0 100.0 100	LARGEST FIRMS	(A)		34		24	34	46	40	30	24	34
SHSA*S  SHSA*S  SHSA*S  SHSA*S  LIOTHER FIRMS  SHSA*S	S	31		31		56	31	100	31	26	26	4 4
SHANS SHANS		29		34		34	29	34	34	40	t n	40
SHSA'S  LARGEST FIRMS  100.0	••••				MSA .S WIT	300,000	999,999 P	ULATI	ZI			
SHSA'S  ELARGEST FIRMS  10.0 10.0 100.0 100.0 10.0 100.0 10.0 100.0 10.0 100.0 10.0 10.0 10.0 100.0 10.0 100.0 10.0 100.0 10.0	•••		1		1	TCHTED ME	N CPERCEN	1	1	1	ı	EA
SHSA'S  LARGEST FIRMS  10.5  L			~		400	166.0	2.2	9	- 6	5.9	7.	3
SHSANS  SHSANS  SHSANS  SHSANS  To a control of the strength o	MANA WAS THE TO THE TABLES	00	1000	4 4	100	9	ıΜ		6	7.3	1.	S
SHSA"S TO THER FIRMS TO THE FIR	U	2 0	15 of 1	9 4	- 0		) LC		'n	7.6	•	3
SPSA®S  LARGEST FIRMS  TG 76 76 76 76 76 76 76 76 76 76 76 76 76	2	, 0	18.5	. 6	5.		6 (4		10	5.5	9.	വ
SPSA*S  SHOREST FIRMS  TG 76 76 76 76 76 76 76 76 76 76 76 76 76						200	L					
SHSA*S  SHSA*S  FOR TABLE TRINS: 50 75 76 76 75 76 77 76 76 77 76 76 77 76 76 77 76 76	••		ì	ì	1	2	7	76	7.6	7.6	76	76
SPSA*S  SPSA*S	SMSA#S	76	76	9 1	9 5	0 0	0 L	27	75	5.7	4	16
SHSA*S LAKGEST FIRMS: 50 67 76 76 76 50 67 76 76 76 76 76 76 76 76 76 76 76 76	4 LARGEST FIRMS :	75	16	0 0	0 4	0 0	2 4	1.0	2 2	4 9	42	76
SMSA*S WITH 150,000 - 299,999 POPULATION  SMSA*S WITH 150,000 - 299,999 POPULATION  SMSA*S  LARGEST FIRMS  100.0 100.0 100.0 100.0 100.0 100.0 10.7 6.0 7.5 6.3 78.4 19  LARGEST FIRMS  100.0 100.0 100.0 100.0 100.0 100.0 10.7 6.0 7.5 6.3 78.4 19  SMSA*S  100.0 100.0 100.0 100.0 100.0 100.0 10.7 6.0 76 54.0 12.8 8.7 90.1 16  LARGEST FIRMS  100.0 100.0 100.0 100.0 100.0 100.0 10.7 6.0 76 5.7 90.1 16  SMSA*S  100.0 100.0 100.0 100.0 100.0 100.0 10.7 6 76 76 76 76 76 76 76 76 76 76 76 76	5-8 LARGEST FIRMS:	) Q (2)	67	76	76	76	30	67	76	16	76	16
SMSA*S WITH 150,000 = 299,999 POPULALION  SMSA*S  LARGEST FIRMS: 100.0 1												
SPSA*S  SPSA*S  LARGEST FIRMS: 100.0 10.0	••				MSA & M	H 150,000	299,999	OPULATI	21			
SPSA*S  LARGEST FIRMS: 100.0 100.0 100.0 100.0 100.0 100.0 10.7 6.0 7.5 6.3 78.4 19  LARGEST FIRMS: 14.3 19.8 15.0 9.5 4.7 3.6 17.4 16.4 8.6 54.0 1  ALL OTHER FIRMS: 14.3 19.8 15.0 9.5 4.7 3.6 17.4 16.4 8.6 54.0 1  ALL OTHER FIRMS: 14.3 19.8 15.0 9.5 4.3 37.9 30.8 8.7 99.0 1  ALL OTHER FIRMS: 14.3 19.8 15.0 9.5 17.1 76 76 76 76 76 77.1 76 76 77.1 76 77.1 76 77.1 76 77.1 76 77.1 77.1	•••		1	1	1	FIGHTED M	N CPERCEN	1	1	1	1	4
SHSAFS TERMS 14-3 19-8 15-0 16-4 12-8 37-9 30-8 8-7 9-8 2  LARGEST FIRMS 14-3 19-8 15-0 9-5 4-7 3-6 17-4 16-4 8-6 54-0 1  ALL OTHER FIRMS 14-3 19-8 15-0 9-5 4-7 3-6 17-4 16-4 8-6 54-0 1  ALL OTHER FIRMS 15-0 9-5 4-7 3-6 17-4 16-4 8-6 54-0 1  SMSAFS 71 76 76 76 76 76 76 76 76 76 76 76 76 76	6		1	100.0	100.0	100.0	1.7	9	7.	6.3	8	ď
ALL OTHER FIRMS: 14-3 19-8 15-0 9-5 4-7 3-6 17-4 16-4 8-6 54-0 1  ALL OTHER FIRMS: 14-3 19-8 15-0 9-5 4-7 3-6 17-4 16-4 8-6 54-0 1  ALL OTHER FIRMS: 14-3 19-8 15-0 9-5 4-7 3-6 17-4 16-4 8-6 54-0 1  ALL OTHER FIRMS: 14-3 19-8 15-0 9-5 1 1-1 16-4 8-6 54-0 1  ALL OTHER FIRMS: 14-3 19-8 15-0 9-5 1-1 16-4 8-6 54-0 1  ALL OTHER FIRMS: 14-3 19-8 19-8 19-8 19-8 19-8 19-8 19-8 19-8	OF CAPTON OF TORKS	9 6	74.7	4 6	15.	1.	°			8.7	9.	23
SMSA*S  ALL OTHER FIRMS: 1.2 8.5 58.4 74.6 93.8 0 .6 3.5 5.7 90.1 16  SMSA*S  AL LARGEST FIRMS: 26 69 65 43 37 76 76 76 76 77  ALL OTHER FIRMS: 2 35 71 76 76 76 76 77  ALL OTHER FIRMS: 2 35 71 76 76 76 76 77  ALL OTHER FIRMS: 2 35 71 76 76 76 76 76 77  ALL OTHER FIRMS: 2 35 71 76 76 76 76 76 76 76 76 77  ALL OTHER FIRMS: 2 35 71 76 76 76 76 77	A LANGES TANKS	6 ( 6	8 6	LC.	6	4.7	ь.		9	8.6	4 .	4
SMSA*S  SMSA*S  T1 76 76 76 76 76 76 76 76 76 77 75 75 75 50 38 77 75 75 75 50 38 77 75 75 75 75 75 77 75 77 75 77 77 75 77 77	ALL OTHER FIRMS		8 8	8	4	100			5	2.1	0	9
SMSA"S 11 76 76 76 76 76 76 76 76 76 76 76 76 76							9					
SMSA"S 71 76 76 76 77 75 75 75 76 38 77 75 75 76 38 77 75 75 75 75 75 75 75 75 75 75 75 75	••		1	ì		z,	7305	36	7.6		76	76
26 69 65 43 37 26 69 65 43 37 7 26 26 35 71 76 76 7	SMSA®S	71	76	76	9/	9 0	17	7 0	7.5		60	16
2 55 71 76 76 2 35 71 76 76 7	4 LARGEST FIRMS :	69	5,	67	00	0 10	26	6 9			37	16
7. 7. N	5-8 LARGEST FIRMS:	9 0	9 6	60	24.5	76	2	in in	71		76	76
	ALL DIHER FIRMS :	N	ה ה	1	2	9	ı	1	1			
	SEE FOOTNOTES AT	END OF TABLE	LE.								NO.	ONTINOEDIE

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

		DISTRIBUTION OF	STORES B	ZE OF F	RM 21	IO	ON OF FI	0 1	SIZE	3/	TOT
FIRM SIZE	\$4 MILLION AND OVER	\$2- \$3.999 MILLION	\$1- \$1.999 HILLIO		L T 7 \$50	S4 MILLION AND OVE	\$2- \$3.99 MILLI	\$1.999 MILLIO	: \$500,000 : TO \$1 : MILLION	LESS THAN \$500,000	NUMBER OF
		1 1 1 1 1 1			, v	1	TT & HIGO				1
•				0.1	1 1 1 1			*1			
	•	1 1			EIGHTE	AN (PERCEN	ij		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0	MEAN
ALL SMSARS	10	1000	å.	å.	900	10/	n <	• 0		את	<b>⇒</b> -
THE LANGENT LINES	r	24.1		- 6		)	14.0		6.7	7 6	101
ALL OTHER FIRMS :	0	2.7	21.4	66.1	91.1	0		1.9	5.0	92.9	8
	••••				N	UMBER					
ALL SMSA®S			76		_	2	77	16	92	7.7	77
A LARGEST FIRMS			69		21	58	76	69	45	21	77
5-8 LARGEST FIRMS:	9	53	64	37	36	9	50 v	64	37	36	77
ALL OTHER FIRMS	0		44		11	0	10	4	0 /		
				SMSA+S	IN THE NOR	THEASTERN R	EGION				
			•	1 1 1	EIGHTE	AN (PE	1		1 1 1 1 1 1		MEAN
ALL SESA'S	100.0	100.	0	0	100.0	~			. 0		561
4 LARGEST FIRMS	64.5	55.7	4 G • D	20.2	9.	18.3	35.5	31.0	10.8	4.4	99
5-8 LARGEST FIRMS:	14.8	19.	8	7.	1.8	80 00					27
ALL OTHER FIRMS :	20.7	25.	8			4.7			. 0	6	478
					N.	NUMBER					
ALL SMSA*S	54	S	55	55	9	5	56		52	56	56
4 LARGEST FIRMS :	54	5	52	45	31	54	52	52	45	31	56
5-8 LARGEST FIRMS:	33	ស	42	31	22	33	53		31	22	99
ALL OTHER FIRMS	20	M	49	54	56	20	37		(1) 4+	56	99
				SMSA	IN THE NOR	TH CENTRAL	REGION				
•••	1	1 E	1 1	1 1 1	FTGHTE	AN CPER				1 1	<<
· OBVERS IIV	100.0	100.0	100.0	0.0	180.0	3.6	ά.	- 0	- 4	- 0	35
4 LARGEST FIRMS		63.7	3.9	12.	1.9	19.8	38.3	25.5	6.8	9.5	49
5-8 LARGEST FIRMS:			•	6		7.				8	23
ALL OTHER FIRMS	11.0	19.2	43.7	78.5		េ•	2	4		-	278
••					Z	IMBFR					
SAVE TIV			69	69	: 6	9	69	69	69	69	69
,	09	69	99	40	33	6.0	69	99	4 0	35	69
5-8 LARGEST FIRMS:			59	47		32	62	59	47	29	69
ALL OTHER FIRMS :			59	99		13	33	59	99	69	69
	••										
SEE FOOTNOTES AT END OF TABLE.	END OF TAB	3LE.								CON	CONTINUED
		1									

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

	DISTR	BUTION O	STORES B	IZE OF F	IRM 2/	DISTRIBUTI	N OF FIRM	S STORES	BY SIZE OF	3	
FIRM SIZE	ION	\$2- \$3.999 MILLIG	\$1- 1.999 ILLIO	500,0 70 \$1 ILLIO	LESS THAN \$500,00	\$4 : MILLION : AND OVER:	\$2- \$3.999 MILLION	\$1- \$1.999 MILLION	\$500,000 TO \$1 MILLION	LESS THAN 500 000	NUM STO
	1 5 6 6 1 1	#	ř 0 0 0 1 1 1 2 8	SHSA	S IN THE S	THERN RE	Z				
•	1	1	1	1	Ħ	AN (PERCENT)	1		1		MEAN
		100.0	•	•	100	1.6	20	9	6.0	81.6	415
4 LARGEST FIRMS		76.7	9	9		11.6	39.6	0 (	7 • 3	• d	4 4 U V
5-8 LARGEST FIRMS: ALL OTHER FIRMS :	13.2	11.9	13.9	75.0	88.7	. 1	o o o o o o o o o o o o o o o o o o o	2.6	4.6	100	327
					Ž	NI WE FIRST					
	,	d	0	a	α	í	86	98	9.8	98	98
	200	ם ע	96	78	57	0 00	76	96	78	57	96
5-5 LARGEST FIRMS:		77	88	9	75	46	77	88	9	75	98
,	1 44	4	80	96	98	15	4 3	8.0	96	98	98
				SMS	A . S IN THE	WESTERN REGI	ION				
•••		1 1	- I		HTFD M	RCFNT		1 6 1	1 1 1	1	≪₹
	1 0 0 1	1000	100	100.0	100.0	4	10.		6.3		421
A LARGEST FIRMS	72	1 2 3 4 5 5 6 7	31.	ຸດ	1.0	25.5	45.5	_	2.5	5.4	53
V	16.	20.7	2			8	ις,		3.1		3
ALL OTHER FIRMS :	10.9	24.8	56.5	90.06			6	9	7.2	ŝ	332
•					DN.	UMBER					
-	M	0.4	04		:	. 10	40		4 0	40	40
ALL CHORN S	יא כ		. IC	19	, eo	38	940	39	19	89	40
A TAPETAL FIRMS:			) to		15		36		17	15	40
ALL OTHER FIRMS :	13	31	37		40		31		40		40
		SMS	es WITH 19	72 FOUR-FI	RM CONCENTR	ATION RATIO	S OF 60 PE	R CENT OR	OVER		
•					COTUST	AN ADE	;			1	<<
			1 6		100.0	7 T T T T T T T T T T T T T T T T T T T	N. C	9	- 0		21
ALL SKSA S	100		• > c	100	9 -	0 00		, ,	0	8	M
4 LAKGENI FIKRO	72.	4 00	, r	• •	1 7	) ~	9	. @	5.7	78.2	30
LL OTHER FIRMS	) ←	4 6 8 8 8 8	22.5	70.4	83.8	•1				1.	149
					2	IMBFR					
0		44	63	64	ď	9	64				64
ALL SESSEST FIRMS			62	43	30	09	63	62	43	30	64
S-A LARGEST FIRMS			ID ID	44	44	16	44				64
ALL OTHER FIRMS :	4	15	41	9	64	4	15				64
SEE FOOTNOTES AT	END OF TA	TABLE.								CON	ONTINUED

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

FERRASIZE  FERRASIZE		DISTR	O	STORES B	IZE OF FI	M 2/	:DISTRIBUT	ON OF FIR	S. ST	BY SIZE 0	ы	, , ,
SYSANS  ALL OTHER FIRMS  SYSAN	FIRM	S4 MILLION AND OVER	60	\$1- \$1.999 : MILLION	\$500,000: TO \$1	LESS THAN \$500,000	S4 MILLION AND OVER	\$2- \$3.999 MILLION	\$1- \$1.999 #ILLIO	\$500,000 T0 \$1 MILLION	LESS THAN \$500+00	ياسا سال
SNSASS FIRMS 100.0					] 		: : :			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6 1 1 1 2 3 3	1
SURANS SU				NIT S	H 1972 C	ATI	RATIOS	0 - 59.9	PERCE			
4 LRREST FIRMS  10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.			1	1	1	IGHTED M	(PERCEN		1	1	•	MEAN
SHARS SHARS FERNS SHARS FERNS SHARS FERNS SHARS FERNS SHARS FERNS SHARS SHARS FERNS SHARS FERNS SHARS	LL SMSA*S	0		0	0.00	100.0	2.9	9			7.	421
SHARES FERNS 13.2 1946 113.1 7.4 6.5 5.0 13.2 10.6 5.7 65.5 ALL OTHER FIRMS 13.2 1946 113.1 7.4 6.5 5.0  SNARS FIRMS SNARS FIRMS 13.2 1946 113.1 19.6 5.5 1.0  SNARS SNARS FIRMS 14.0 THER FIRMS 15.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	4 LARGEST FIRMS			-	18		-		8	. 0	8	55
SKANS SKANS	LARGEST FIRMS	_		-	7.		S.		.0		5	32
SHARNS  SHARNS	DTHER FIRMS			~	. 4		e (1)				9.	334
SKANS 5 69 82 80 69 82 80 82 82 82 82 82 82 82 82 82 82 82 82 82	- • •					X	1.1					
ALL OTHER FIRMS: 69 73 66 46 46 46 46 46 46 46 46 46 46 46 46	L SMSA*S	. 71	82	82	81	N	7	82	82	81	82	82
SHSA*S  SHSA*S  SHSA*S  SHSA*S  LACL OTHER FIRMS  SHSA*S			82	80	52	38	69	82	80	ີ	38	82
ALL OTHER FIRMS: 17 41 72 CONCENTRATION RATIOS OF 40 - 49-99 PERCENT  SHSA*S	LARGEST FIRMS		73	99	46	40	42	73	99	46	40	82
SKSA*S  LARGEST FIRMS  100.0	OTHER FIRMS		41	72	79	8 2	17	41	72	44	82	82
SHSA'S  HARGEST FIRMS				MSA . VI	1972 C	RATIO	RATIOS 0	0 - 49.9	PERC			
SMSA'S  LARGEST FIRMS  LANGEST FIRMS	•	ı	= 1	- 1 - 1	1 1	FIGHTED M	AN IDERCEN		1			L.
SMSA*S FIRMS 14-3	U D W W W W	1.0	_	100.0	100.00	100 P	2.7	_	- 0	6.1	76.	14
SHSANS SH	4 LARGEST FIRMS	9		40	12.	1.2	ı  ~	39.6		7.0	. 8	200
ALL OTHER FIRMS: 14.3 20.9 42.3 80.0 94.8 .5 1.8 3.8 5.9 88.0  SHSA'S  LARGEST FIRMS: 29 67 893 93 93 93 93 93 93 93 93 93 93 93 93 9	(/)			-	7	4.0	9	21.1	9	6.8	S.	31
SMSA*S  B6 93 93 93 93 93 93 93 93 93 93 93 93 93				O.	0	94.8	ចំ	1.8	6	5.9	8	384
SHSA*S  SHSA*S						M	<u>ا</u>					
ALL OTHER FIRMS: 866 92 88 69 92 86 69 49 86 92 89 69 49 86 92 88 69 93 89 89 89 89 89 89 89 89 89 89 89 89 89			C	10	6	м	2	6	10	0	0	
SHSA*S  SHSA*S WITH 1972 CONCENTRATION RATIOS OF LESS THAN 40 PERCENT  SHSA*S  LARGEST FIRMS: 29 67 88 93 93 93 93 93 93 93 93 93 93 93 93 93		000	0 0	0 0	200	200	000	200	n a	2 0	0 0	
SHSA*S LARGEST FIRMS: 29 67 88 93 93 93 93 93 93 93 93 93 93 93 93 93	9	0 <	26	9 0	0 4	1	0 0	20	000	0 4	n <	
SHSA*S  SHSA*S  LARGEST FIRMS: 100.0	LL OTHER FIRMS	10	67	88 0 9 89	93.0	93	29	67	N 60	9 6	93	
SHSA°S  SHSA°S  LOCATION OF THE PROBLEM CONTROL OF TABLE				MSA*S WIT	1972 C	ATI	RATIOS OF	ESS THAN	O PERCE			
SMSA*S: 100*0 100*0 100*0 100*0 100*0 2**4 6**6 7**8 5**8 77**3  \$ LARGEST FIRMS: 51*3 43*1 29*5 11**2 **5 16**8 38**6 31**0 8**7 4**9  \$ LARGEST FIRMS: 19**6 119**6 116**3 5**5 3**1 8**3 22**6 22**2 5**5 41**4  \$ LAL OTHER FIRMS: 29*0 37*2 24 24 24 24 24 24 24 24 24  \$ LARGEST FIRMS: 16 24 19 13 11 23 24 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24 24  \$ LARGEST FIRMS: 11 23 24 24  \$ LARGEST FIRMS: 11 23 24 24  \$ LARGEST FIRMS: 11 23 24 24  \$ LARGEST FIRMS: 11 23 24 24  \$ LARGEST FIRMS: 11 23 24 24  \$ LARGEST FIRMS: 11 23 24 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 23 24  \$ LARGEST FIRMS: 11 24  \$ LA			i		1 1	IGHTED	AN (PERCEN	(	1	1		MEAN
4 LARGEST FIRMS: 51.53 43.1 29.5 11.02 .5 16.8 38.6 31.0 8.7 40.9 5-8 LARGEST FIRMS: 19.6 16.3 5.5 3.1 8.3 22.6 22.2 5.5 41.4 ALL OTHER FIRMS: 29.0 37.2 54.2 83.3 96.4 .8 2.9 4.9 5.5 85.9  SMSA*S  SMSA*S  LARGEST FIRMS: 21 24 24 24 24 24 24 24 24 24 19 13 15 14 23 15 13 13 13 15 24 24 24 24 11 23 24 24 24 24 24 11 23 24 24 24 24 24 24 11 23 24 24 24 24 24 24 24 24 24 24 24 24 24	SASAS	100.0	- 0	a	0.00	100.0	2.4			ຄວ	2	891
ALL OTHER FIRMS: 19.6 11.6 16.3 5.5 3.1 8.3 22.6 22.2 5.5 41.4 4.9 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 4.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 41.4 5.9 5.5 5.5 41.4 5.9 5.5 5.5 5.5 5.5 5.5 5.9 5.9 5.9 5.9	A I ARGEST FIRMS			0	112		9	100		R. 7	4	66
ALL OTHER FIRMS: 29.0 37.2 54.2 83.3 96.4 6.8 2.9 4.9 5.5 85.9 85.9 ALL OTHER FIRMS: 22 24 24 24 24 24 24 24 24 24 24 24 24	5-8 LARGEST FIRMS:			٧ ه	4 10			8	2 5			50.00
SMSA*S: 22 24 24 24 24 24 24 24 24 24 24 24 24	ALL OTHER FIRMS :			4	10	9	. 0	2	4.	5.5	2	773
SMSA*S : 22 24 24 24 24 24 24 24 24 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25			;	YI,	;	z	MBER	;			7	
3 21 24 23 15 14 21 24 23 15 14 2 S: 16 24 19 13 13 16 24 19 13 13 2 3 11 23 24 24 11 23 24 24 24 2	L SMSA S	22	24	24	24	24	22	54	24	54	54	24
5. 15 24 19 15 15 16 24 17 15 15 2 11 23 24 24 11 23 24 24 24 2	4 LARGEST FIRMS	21	4 4	23	12	14	21	4 4	22.4	12	d 14	V C
OTHER FIRMS : 11 23 24 24 24 11 23 24 24 24 2	D-8 LAKEEN FLKES.	9	42	61	1.5	CT	97	# !	13	77	210	* ·
	ALL OTHER FIRMS :	11	23	24	54	54	II	23	54	54	4	24

<sup>1/</sup> 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. 3/ NUMBER OF STORES OF SPECIFIED FIRMS IN A STORE SIZE CATEGORY AS A PERCENTAGE OF ALL STORES IN THE SPECIFIED FIRMS.

SOURCE: SPECIAL TABULATIONS BY THE BUREAU OF THE CENSUS.

CONTINUED ---

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

	••						FIRM	S OPE	RATING-					***	FIR	MS WI	TH GR	OCERY	ي _ د
	••••	FIRMS	000	W	TORE	Z	SHS		ROCE	STORE		NIT	J=-	S	0 1	THER	) <<	\$ 27	
SASSA	•• ••	SMSA		N	:5-10	111-	26-:5 50:M	1 OR		2-4	5-10	11-25	50:	OW i	- 1		i na i	- 6	10 OR MORE
		i ! ! !	3 8 8 8 8 8 8 9			i													
	•••								NUMBER	OF FIR	S W								
ABILENE	- X.	123	96	7	~	0	0	0	94	2	2	ю	-1	ю	4	0	-		8
AKRON	 HO	255	216	8	8	ĸ	0	-	214	<b>&amp;</b>	CI (	α,	0	ו פ	ю.	۰ ہ	0	o ,	9
ALBANY	GA	66	-		<b>-</b>		0	0	73	<b>O</b>	ev i	Η,	α,	~ 1	- 0	- 0	<b>=</b> 0	<b>-</b> -	۹ ۵
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ALBUQUERQUE	Σ.	142	<b>~</b> 0	N L	N C	N +		<b>-</b> -	112	۰ ۲		<b>-</b>	ء د	ם גר	-	<b>o</b> c	<b>o</b> c	- 1	1 10
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ALLENIUWN DE INLEN	× 0	119		9	4 13	2 0	0	0	100	വ	0	-	-	מו	1	-	0	***	2
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ANAHEIM-SANTA ANA		353	268	10	ŀΩ	10	2	-	263	9	CI -	~	io i	14	00 (	4 (	7	н (	p, 4
ANCHORAGE	AK:	43	36	4	-	0	0	0	က က ။	4	<del>,</del>	0 (	0 (	r4 +	9 1	D +	<b>&gt;</b> 6	<b>&gt;</b> •	<b>→</b> 1º
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APPLE TON-OSHKOSH	:11	130	0	15	0	0	9	0	0	10	<b>ə</b> (	N G	N C	dr «	٠,	<b>&gt;</b> c	<b>;</b> c	н с	V <
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BANEKSPIELU BALTINOBE	X E	1.296	1.143	10	0 4	-	o (V	o 04	1,142	16	a	N	0	6	0	ĸ	-	0	7
RATON ROLLSF	Α	374	100	_	9	N	-	0	***	9	Ю	+	0	7	8	0	0	٥	7
BATTLE CREEK	W I	128	0	J.	8	0	0	0	98	ß	0	Q	0	4	M	0	0	-	4
BAY CITY	E	86	~	4	-	0	0	0	~	0	-		-	Ю	0		0	r-1 (	ю.
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TABLE 33--GEOGRAPHIC DIVERSIFICATION OF GROCERY STORE FIRMS IN SMSA\*S, 1972 1/--CONTINUED

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

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

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

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

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STAIN CAUSE STREET	. HO	186	מטי	ហ	~	0	0	0	S	M	8	-	0	4	QI.	-	0	<del>.</del>	ю,
STOCKTON	CA	202	9	14	9	0	0	0	163	6	Ŋ	4	+1	7	ហ	M)	m,	α.	91
SYRACUSE	Ν×	411	9	14	8	4	0	0	D.	6	-	N	N.	<b>6</b> 1	~	α (	0 (	4 .	n,
TACOMA	TA:	181	വ	80	4	C)	0	0	4	7	រោ	-	0	7	9	N	0	н	9
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TAMPA-ST PETERSBU	F.:	580	œ	12	2	4	ហ	~	<b>∞</b> ι	<b>.</b>	o 6	n •	<b>→</b> 4		n +	r c	<b>5</b> C	4 0	, k
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WATERLOO-CEDAR FA	. A I	40	9	n	•	-	•	•	7	ı	•	•		,	1				
	•																Ī	AT TWO	1 6 6

SEE FOOTNOTES AT END OF TABLE.

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

	••	•••				L	40. SI	OPERATING			1			FIRE	FIRMS WITH GROCERY	TH GI	GROCERY FOLLOUIN	× ×
	FIRMS		GROCERY	STORES	NI S	SMSA		GROCERY STORES IN	STORES	NI	UNIT	ED S1	IN UNITED STATES	,	OTHER SMSA S	R SMSA S	\$ 2/	
W N	SHSA		2 - 2	5-10	111-	: :11-:26-:51 0 :5-10: 25: 50:MORE	· · · · ·	-	2-4 :5-10	5-10	11-	26 <b>~</b> 50	:11-:26-:51 OR: : 25: 50:MORE :		۸۱	 	6-	: : :10 0R :3-5:6-9:MORE
	: : : : : •• ••		2 2 0 0	! ! !				NUMBER 0	OF FIRMS	δ.								
LENT PALM BEACH-B FL	661			C)	ın	~	0	165	гD	R	8	0	11	-	-1	8	0	10
		167	9 2	4	0	0	0	164	Ю	~	4	0	4	~	П	-	-	כיו
	•••			-	'n	0	0	125	6	-	0	-	4	E	-	0	0	ю
				M	-	0	0	92	8	0	N	-	Ю	N	-	0	0	li)
WILLIAMSPORT P				m	0	0	0	68	N	0	0	8	4	0		0	ю	α
WILMINGTON DE				'n	8	+	0	259	လ	ĸ	0	0	<b>co</b>		-	-	0	1
	176			4	7	0	0	146	-	4	0	-	4	-	0	0	0	4
				ייו	-	0	0	168	7	N	N	<del>, ,</del> ,	4	ત	8	N	0	4
	A: 125		8 7	-	0	0	0	93	4	Ю	H	0	IJ	2	H	-	7	4
		•	•	P	c	c	•	106	7	c	4	141	4	0	4	-	-	9
	102	4 14	77	7	4 +	,	9 6	4 6	. 4	, k	. 0	٥	۷ ر	1 140	4	<b>C</b>	<b>C</b>	4
YOUNGSTORN-WARREN OF		n		-	<b>→</b>	4		000	0	ר	u	v	Þ	,	۲	•	•	•
NONZERO ENTRIES 3/				•	,			9			•						u +	-
STANDADO DESTATION	364	511.0	8 2 4 7 5	3.0	9 0	D • Z	1.7	559.7	8.4	1.0	1.6	6.	2.6	2 60	1.0	1.04		2.5
SIANDARD DEVIALED				J	J	•												
	• • •							NUMBER	œ									
NUMBER OF SMSA*S	263	3 263	3 263	234	159	81	39	263	254	193	194	155	263	192	137	146	174	262
							N	NUMBER OF	FIRMS	"								
ALL SMSA®S MEAN, UNWEIGHTED STANDARD DEVIATION	364 N: 634	311.0	0 8°2 5 7°6	2.8 2.1	1.6	1.2	1.1	307.8 559.7	6.7	1.8 2.0	1.5	1.1	6.1 2.6	1.9	1.1	101	1.0	2.5
	••••							NUMBER	œ									
NUMBER OF SMSA*S	263	3 263	3 263	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 GPERATED 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  $\frac{1}{1}$ 

	•• ••					. *	Firms operating-	ating						 	Firms with grocery stores	h groc	ery sto	
# E E	Firms .		Grocery	y stores	t q	SMSA		Grocery	ery stores	res in	United	States	60,	 Ħ	in following other SMSA's	ng oth	er SMS/	1's <u>2</u> /
# P P P P P P P P P P P P P P P P P P P	SMSA	н	2-4	5-10:	11- : 25 :	26- 50	51 or : more :	-	2-4	5-10:	11- 25	26- 50	51 or more		2	3-5	6-9	10 or more
							SMSA's with	rith 1 million	lion or	more	more population	Ton						
								Number	of	firms								
Nonzero entries 3/ Mean, unweighted Standard deviation	: 1,377 : 1,335	1,194.8	21.4 13.6	4.3	3.5	2.7	2.9	1,189.6	21.2	3.4	3.4	2.3	9.4	5.6	2.8	3.0	1.7	7.5
				=					Number	ć	ć	ę	70	2	, r	23	7	9°E
Number of SMSA's	34	34	34	34	32	33	28	34		25	32	67	4	37	C7	3	1	ž.
	••							Number	οĘ	firms								
All SMSA's Mean, unweighted Standard deviation	: : 1,377 : 1,335	1,194.8	21.4	4.3	3.5	2.6	2.4	1,189.6	21.2	3.4	3.2	2.0	9.4	5.3	2.1	2.0	1.5	7.5
								×	Number									
Number of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
							SMSA's w	with 300,000	- 1	999,999 population	opulat	uoI:						
								Number	r of firms	ZIII3								
Nonzero entries $\frac{3}{4}$ Mean, unweighted Standard devlation	: 366 : 189	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
	** **							4	Number									
Number of SMSA's	: 76	9/	76	74	70	35	11	76	76	65	62	51	9/	63	95	48	52	92
								Number	r of firms	SILL S								
All SMSA's Mean, unweighted Standard deviation	: 366 : 189	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
								Z	Number									
Number of SMSA's	: 76	92	76	9/	9/	9/	76	92	76	9/	9/	9/	9/	92	9/	76	9/	9/
	••																	
See footnotes at end of table.	table.																Con	Continued

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

							Firms operating-	ting						Fin	ms with	groce	Firms with grocery stores	88
Item	Firms :		Grocery	y stores	t	SMSA		Grocery	ry stores		in United	States		in f	ollowin	ng othe	in following other SMSA's	8 2/
	SMSA	1	2-4	5-10:	11-	26- 50	51 or more	1	2-4	5-10:	11- 25	26- 50	51 or more	-	7	3-5	. 6-9	10 or more
	•• ••						SMSA's with 150,000	th 150,00	1	299,999 population	opulat	ton						
	•••••							Number	of	firms								
Nonzero entries <u>3/</u> Mean, unweighted Standard deviation	: : 177 : 83	147.6	6.2	2.8	1.6	1.0	00	144.8	4.4	1.8	1.7	1.4	5.4	2.1	1.4	2.1	1.3	4.5
				1				Z	Number									
Number of SMSA's	92 :	92	92	14	35	6	0	9/	73	52	52	77	9/	52	35	45	48	9/
								Number	Jo	firms								
All SWSA's Mean, unweighted Standard deviation	: : 177 : 83	147.6	3.0	2.7	0.8	0.1	0 0	144.8	4.2	$\frac{1.2}{1.2}$	1.2	8.0	5.4	1.4	9.0	1.2	0.8	4.5
	•• ••							Z	Number									
Number of SMSA's	92 :	76	76	76	92	9/	92	9/	9/	9/	92	9/	9/	9/	9/	76	9/	9/
	3						SMSA's with less than 150,000 population	th less t	han 15	000,0	opulat	ion						
								Number	Number of firms	Since								
Nonzero entries 3/ Mean, unweighted Standard deviation	: 98 : 51	81.5	4.6	1.8	1.1	1.0	00	78.8	2.5	1.6	1.4	1.2	4.5	1.6	1.2	1.3	1.4	3.9
	** **							Z	Number									
Number of SMSA's	77	77	77	52	22	4	0	77	71	43	48	31	77	45	31	30	43	92
								Number	of firms	Sille								
All SMSA's Mean, unweighted Standard deviation	: 98 : 51	81.5	4.6	1.2	0.3	0.1	00	78.8	2.3	0.9	9.0	0.5	4.5	0.9	0.5	0.5	8.0	3.8
	** **							N	Number									
Number of SMSA's	. 77	77	77	77	77	77	77	77	77	77	77	11	77	11	77	77	77	77
	•																	,
See footnotes at end of table.	table.																Cont	Continued

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

	** *						Firms operating	ting						Fit	ms wit	h groc	Firms with grocery stores	res
Tem	Firms		Grocery	y stores	f.	SMSA	** **	Grocery	ry stores	res in	United	States	TO.	fu f	ollowi	ng oth	in following other SMSA's	18 2/
	SMSA	H	2-4	5-10:	11-25	26- : 50 :	51 or more	1 ::	2-4	5-10:	11-25	26- 50:	51 or more	-	7	3-5	: 6-9	10 or more
							SMSA's	in the Northeastern region	orthea	stern	region							
								Number of firms	of fi	rms								
Nonzero entries <u>3/</u> Mean, unweighted Standard devlation	: : 507 : 1,076	444.9	7.6	3.2	3.1	2.0	3.7	441.2 963.7	6.5	2.1	1.9	1.7	7.0	2.5	1.7	2.2	1.7	5.6
								Ä	Number									
Number of SMSA's	: : 56	56	56	48	31	11	9	99	52	31	77	33	26	36	36	39	38	26
								Number	of firms	E L								
All SMSA's Mean, unweighted Standard deviation	507 1,076	444.9	7.6	2.8	1.7	0.4	0.4	441.2 963.7	6.1	1.2	1.5	1.0	7.0	1.6	1:1	1.5	1.1	5.6
								Ň	Number									
Number of SMSA's	. 56	56	99	56	26	26	56	56	99	26	26	99	99	99	26	26	26	56
							SMSA's	in the North Central	orth C	entral	region							
	•• ••							Number of firms	of f1	Sille								
Nonzero entries 3/ Mean, unweighted Standard deviation	302 562	258.0	7.8	2.6	2.0	2.4	2.5	254.7 489.2	7.0	2.0	1.5	1.7	4.9	2.3	1.8	1.8	1.4	4.0
	•• ••							Ŋ	Number									
Number of SMSA's	69 :	69	69	57	29	14	80	69	99	26	45	42	69	51	31	32	64	8 <u>9</u>
	** **							Number	of firms	200.2								
All SMSA's Mean, unweighted Standard deviation	: 302 : 562	258.0	7.8	2.2	0.8	0.5	0.3	254.7	6.7	1.6	1.0	1.0	4.9	1.7	0.8	0.8	1.0	4.0
	•• ••							N	Number									
Number of SMSA's	69 :	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
See footnotes at end of table.	table.																Cont	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

							Firms operating	ating						: Fire	ns with	groce	Firms with grocery stores	res
Item	Firms :		Grocery	y stores	t.	SMSA		Groce	Grocery stores	res in	in United	States		: In fo	llowir	ng oth	in following other SMSA's	's <u>2</u> /
	SMSA	1	2-4	5-10:	11-	26- : 50 :	51 or more	1	2-4	5-10:	11-25	26- 50	51 or more	7	2	3-5	: 6-9	10 or more
	** **						SMS	SMSA's in the Southern region	South	em re	ton							
								Number	of firms	CIUS								
Nonzero entries 3/ Mean, unwelghted Standard deviation	342 315	288.3	7.8	3.2	2.5	1.8	2.1	285.6	6.4	2.5	2.1	1.5	6.1	2.3	1.4	1.5	1.4	5.2
								_	Number									
Number of SMSA's	: : 98	86	98	91	74	41	14	86	96	72	73	58	86	73	20	51	56	86
	•• ••							Number	of firms	500,0								
All SMSA's Mean, unweighted Standard deviation	: 342 : 315	288.3	7.8	3.0	1.9	0.8	6.0	285.6	6.3	1.8	1.6	0.9	6.1	1.7	0.7	8.0	8.8	5.2
								4	Number									
Number of SMSA's	. 98	98	86	86	86	98	98	86	98	98	98	98	86	86	98	98	86	86
	•• ••						SMS	SMSA's in the	in the Western region	rn reg	uo							
								Number	of firms	500.2				.61				
Nonzero entries 3/ Mean, unweighted Standard deviation	: : 319 : 475	270.8 410.2	10.7	3.3	3.2	1.9	2.0 1.8	267.1 409.0	8.6 10.8	3.2	2.7	1.3	6.9	3.9	2.4	2.5	1.5	5.7
	••••							<i>A</i>	Number									
Number of SMSA's	07 :	07	40	38	25	15	11	70	07	34	32	22	07	32	20	24	31	40
								Number	of firms	SILLS								
All SMSA's Mean, unweighted Standard deviation	: : 319 : 475	270.8 410.2	10.7	3.2	2.0	0.7	0.6	267.1	8.6	3.0	2.2	0.7	3.2	3.1	1.2	1.5	1.2	5.7
								4	Number									
Number of SMSA's	07 ::	40	70	40	40	40	40	07	07	70	40	40	40	07	40	40	40	40

Continued--

See footnotes at end of table.

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

Grocery stores in SNSA   Grocery stores in United States   1   1   2-4   5-10  11- 26- 51 or   1   1   2-4   5-10  11- 25   50   more   1   1   2-4   5-10  11- 25   50   more   1   1   1   2-4   5-10  11- 25   50   more   1   1   1   1   1   1   1   1   1								Firms operating-	rating				5		Ffr	Firms with grocery stores	h groc	ery st	ores
1585   1   1   2-4   5-10; 11-   15-6   51 or   1   1   1   2   1   1   1   1   1   1	Iten	Firms :		Grocer	y stor	es in	SMSA	••		ery sto	res in	Unite	1 State	83	t ut :	ollowi	ng oth	er SMS	A'8 2/
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   1.9   1.9		SMSA	г			11-	26- 50	51 or more				11-25	26- 50	51		2	3-5	6-9:	10 or more
Number of fitnes  1163 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 1.1 146-2 2.8 8 8 9 9 .6 2.4 1.1 1 146-2 2.8 8 8 9 9 .6 2.4 1.1 1 146-2 2.8 8 8 9 9 .6 2.4 1.1 1 146-2 2.8 1.8 1.9 1.5 2.4 1.1 1 1 146-2 2.8 1.8 1.9 1.5 2.4 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						SMSA's	with 1	972 four-	firm conce	ntratio	n ratio	s of	50 perc	ent or c	ver				
163 135-5 4.8 2.5 2.1 1.8 1.9 112.9 3.5 1.6 1.5 1.3 5.4 1.8 1.1 146.2 2.8 8 8 9 6 2.4 1.1 1 146.2 2.8 8 1.6 7 64 61 45 43 33 64 40  164 64 64 55 35 16 7 64 61 45 43 33 64 40  165 135.5 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  170 146.3 2.6 1.5 1.5 1.0 0.7 146.2 2.8 1.0 1.0 0.7 5.4 1.1 0  185 135-5 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  186 64 64 64 64 64 64 64 64 64 64 64 64 64		** **							Number	r of fi	100								
Number of fitns  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 11.1 0  1770 146.3 2.6 1.5 1.5 1.0 0.7 146.2 2.8 1.0 1.0 8 2.4 1.1 0  184 64 64 64 64 64 64 64 64 64 64 64 64 64	nzero entries 3/ Mean, unweighted Standard deviation	: : 163 : 170	135.5		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	4.8
164   64   64   55   35   16   7   64   61   45   43   33   64   40									_	Number									
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  170 146.3 2.6 1.5 1.5 1.0 0.7 146.2 2.8 1.0 1.0 .8 2.4 1.2  Number  184 64 64 64 64 64 64 64 64 64 64 64 64 64	Number of SMSA's	. 64	99	99	55	35	16	7	99	61	45	43	33	79	40	28	28	34	63
153   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		•• ••							Number	r of fi	TIME								
Number 64 64 64 64 64 64 64 64 64 64 64 64 64	l SMSA's Mean, unwelghted Standard devlation	: : 163 : 170	135.5		2.1	1.2	0.4	0.2	132.9	3.3	1.2	1.0	0.7	5.4	1.1	9.0	0.8	0.7	4.7
SMSA's with 1972 four-firm concentration ratios of 50 - 59.99 percent  Number of firms										Number									
SMSA's with 1972 four-filtm concentration ratios of 50 - 59.99 percent  Number of firms	Number of SMSA's	. 64	99	99	99	99	99	64	99	99	99	99	99	99	99	99	99	79	99
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						SMSA'8		972 four-	firm conce	ntratio	n ratio	s of	50 - 59	.99 perc	ent				
i 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  Number  Number  Number  Number of firms  1.580 308.7 5.6 1.9 1.6 1.2 1.7 508.0 6.4 1.2 .9 .7 2.3 1.6  Number of firms  Secondary Seco									Number	r of fi	1708								
Number of firms    SMSA'8   82   82   68   48   28   10   82   80   55   63   50   82   58   58   58   58   58   58   58	nzero entries 3/ Mean, unweighted Standard deviation	: : 359 : 580	307.8		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
SMSA's : 82 82 68 48 28 10 82 80 55 63 50 82 58 58 set of firms    Number of firms   Number of firms   Number of firms   SMSA's   S.6 2.1 1.7 1.1 1.0   SOB.0 6.4 1.5 1.1 .9 2.3 1.7		•• ••							_	Number									
Number of firms   Number of firms   Number of firms   S80 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   deviation   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   Number   Number   SMSA's   82 82 82 82 82 82 82 82 82 82 82 82 82	Number of SMSA's	: 82	82	82	68	48	28	10	82	8	55	63	20	82	58	38	97	52	82
erighted : 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 deviation : 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 Number : 585.8 : 82 82 82 82 82 82 82 82 82 82 82 82 82									Number		11119								
Number 2 82 82 82 82 82 82 82 82 82 82	l SMSA's Mean, unweighted Standard deviation	: : 359 : 580	307.8		2.5	1.4	0.6	0.3	304.8	6.3	1.5	1.3	6.0	5.8	1.6	0.8	1.1	6.0	4.7
2 82 82 82 82 82 82 82 82 82 82 82 82 82										Number									
	Number of SMSA's	. 82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
																		Con	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 I/--Continued

							riting ob	riims operating-						_: F11	TIDS WILE	n groc	Firms with grocery stores	res
# G	Firms		Grocery	stores	tr	SMSA		Gro	Grocery st	stores i	n Unite	in United States	83	 t mt	ollowi	ng oth	in following other SMSA's $\frac{2}{}$	18 2/
	SMSA	Н	2-4	5-10:	11- 325 3	26- 50	51 or more	1	2-4	5-10:	0: 11-	26- 50	51 or more		2	3-5	6-9	10 or more
1				<u>[</u>	MSA's 1	atch 1	972 four	SMSA's with 1972 four-firm concentration ratios of	entrati	Lon rat	ios of	- 04	49.99 percent	cent				
								Number	jo	firms								
Nonzero entries 3/ Mean, unweighted Standard deviation	: : 396 : 438	338.2	9.6	3.2	2.7	2.2	2.0	334.6	9.9	2 2.6	2.3	1.7	6.7	2.9	1.7	0.9	1.5	5.5
									Number	£,								
Number of SMSA's	: 93	93	93	88	61	28	19	93	90	) 74	70	26	93	75	26	58	72	93
								Numi	Number of firms	firms								
All SMSA's Mean, unweighted Standard deviation	: : 396 : 438	338.2 381.8	9.6	3.0	1.8	0.7	0.4	334.6	9.8	9 2.0	1.7	1.0	6.7	2.4	1.0	1.2	1.2	5.5
									Number	L					٠			
Number of SMSA's	: 93	93	93	93	93	93	93	93	93	3 93	93	93	93	93	93	93	93	93
				ίδυ	MSA's	with 1	972 four	SMSA's with 1972 four-firm concentration ratios less than 40 percent	entrat	lon rat	los le	38 than	40 perc	ent				
								Num	Number of firms	firms								
Nonzero entries 3/ Mean, unweighted Standard deviation	: 786 : 1,495	684.9	13.0	4.4	4.5	1.9	6.0	680.9	12.7	7 3.9	3.5	1.8	3.5	3.9	2.4	2.2	2.1	5.2
									Number	tu .								
Number of SMSA's	: 24	24	24	23	15	6	e	24	, 23	3 19	18	16	24	19	15	14	16	24
	•• ••							Num	Number of firms	firms								
All SMSA's Mean, unweighted Standard deviation	: 786 : 1,495	684.9 1,338.5	13.0	4.3	2.8	1.3	0.8	680.9 1,336.9	) = 12.1 ) 12.6	1 3.1 6 3.3	3.4	1.2	3.5	3.1	1.5	1.3	1.4	5.2
	••••								Number	L L								
Number of SMSA's	24	24	24	24	24	24	24	24	, 24	4 24	24	24	24	24	24	24	24	24

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

<sup>1/</sup> 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.

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

CROCERY STORES IN SASA : GROCERY STORES IN U.S. : OTHER STATES IN U.		•••					FIRMS	OPE	RATING	1/					FIRM	IA S	WITH G	ROCERY	i		SHARE 0	0F	N	SA SAL	ES AS
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TABLE 35--6E0GRAPHIC DIVERSIFICATION OF THE FOUR LARGEST GROCERY STORE FIRMS IN SMSA\*S, 1972--CONTINUED

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

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

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

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

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SEE FOOTNOTES AT END OF TABLE

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

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

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HAN I 2 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0		) <del></del>	0 0								מאנ	s e-i	0=	0	0	. 14	44.6	٥	0 9	0 0	٥
SSTOWN-WARREN OH: 1 0 3 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	WA: 1			0	00	00	-4		0.0					,	0	,			c	a	
OH: 1 0 3 0 0 0 0 1 10 0 3 0 0 0 0 3 32.1 16.7 5.8 2.4 1  11.4 2.0 1.7 1.6 1.5 1.9 1.1 1.1 1.1 1.2 1.1 1.2 7 1.2 1.0 1.1 1.2 2.3	c	c	=								3	0	0	0	-	N	4	٥	_	1	۵
1.4 2.0 1.7 1.6 1.5 1.9 1.1 1.1 1.1 1.1 1.1 1.2 1.1 2.7 1.2 1.0 1.1 1.2 2.3	OH: 1	ı w	, 0	. 0		,	0				l l'O	0	0	0	0	10	$\sim$				1.3
1.4 2.0 1.7 1.6 1.5 1.9 1.1 1.1 1.1 1.2 1.1 1.2 1.1 1.2 1.0 1.1 1.2 2.3  ON: -6 .9 .8 .8 .7 1.1  ON: -6 .9 .8 .8 .7 1.1  ON: -6 .9 .8 .8 .7 1.1  ON: -6 .9 .8 .8 .7 1.1  ON: -7 1.66 1.70 11.3 53 25 27 60 62 73 80 262 55 46 69 91 253  ON: -7 1.66 1.70 11.3 53 25 27 60 62 73 80 262 55 46 69 91 253  ON: -7 1.66 1.70 11.3 53 25 25 27 60 62 73 80 262 55 46 69 91 253  ON: -7 1.66 1.70 11.3 53 25 25 263 263 263 263 263 263 263 263 263 263	••																				
F SNSA*S 71 166 170 113 53 25 27 60 62 73 80 262 55 46 69 91 253		7	4	-	- 64	-	1 1.	1	2	N			0 1	1	N		1	;	1	1	1
F SMSA*S 71 166 170 113 53 25 27 60 62 73 80 262 55 46 69 91 253 NUMBER OF FIRMS	5	80	φ • Φ	ı ed	. <del></del>	1	4	•	4				0	4		6.	i Li	!	!	1	1
F SMSA*S: 71 166 170 113 53 25 27 60 62 73 80 262 55 46 69 91 253 NUMBER OF FIRMS	1			1	l l	•		BER		12 T	1	-	-	-	1						
MEIGHTED: -4 1.3 1.1 .7 .3 .2 .1 .3 .3 .3 .3 .3 .7 .2 .2 .3 .4 2.3 52.4 18.1 7.6 10.9 5  DEVIATION: .7 1.2 1.0 .9 .7 .6 .3 .5 .5 .6 .5 .9 .5 .4 .5 .6 1.0 10.9 7.4 4.2 15.0 11  NUMBER  F SMSA*S :263 263 263 263 263 263 263 263 263 263	OF SMSA*S	1 0 1	13		LC L	7	9		10	0 26	8	5	9	6		53	ł	!	:	1	1
MEIGHTED: .4 1.3 1.1 .7 .3 .2 .1 .3 .3 .3 .3 .3 .3 .7 .2 .2 .3 .4 2.3 52.4 18.1 7.6 10.9 5  DEVIATION: .7 1.2 1.0 .9 .7 .6 .3 .5 .5 .6 .5 .9 .5 .4 .5 .6 1.0 10.9 7.4 4.2 15.0 11  NUMBER  SMSA*S :263 263 263 263 263 263 263 263 263 263	1			1	1				IRMS	1			ď	1	_						
NUMBER OF SMSA*S :263 263 263 263 263 263 263 263 263 263	HEIGHTED : .4 DEVIATION: .7	1.1		W 1-	61 v9	et ro	ю w		6.3	to to	F 6	21.12	01 4t	ານ ເກ	4 9	ε 0 0	52.4	18.1 7.4	7.6	10.9 15.0	5.9 11.3
OF SMSA*S :263 263 263 263 263 263 263 263 263 263	••••										z	JMBER	~								
	OF SMSA"S :263	263 2	63 2		ю		IN3	10	ю	м	10				ю	63	263	147	81	147	81

CENSUS SPECIAL TABULATIONS BY THE BUREAU OF THE SOURCE:

<sup>1/ ---</sup> NOT APPLICABLE. EXCLUDES STORES NOT IN BUSINESS AT THE END OF 1972.

2/ EXCLUDES FIRMS THAT DEFRATED IN ONLY ONE SMSA.

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

4/ 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.

5/ U.S. SALES OF THE FOUR LARGEST FIRMS IN THE SMSA AS A PORTION OF TOTAL SALES OF INDIVIDUAL OPERATIONS.

6/ "D. DENOTES THAT DATA WERE SUPPRESSED BY THE BUREAU OF THAT CALOUN. AS A RESULT. MEAN VALUES OF THE NUMBER OF FIRMS OPERATING IN 2-4. 5-10, 11-22, AND 51 OR MORE STORES IN THE SMSA DO NOT SUM TO FOUR. SIMILARLY, THE MEAN NUMBER OF FIRMS OPERATING IN 2-4. 5-10, 11-22, AND 51 OR MORE STORES IN THE SMSA OF THE MEAN NUMBER OF FIRMS OPERATING IN PART FOR THE SAME REASON AND IN PART BECAUSE FIRMS THAT OPERATE IN ONLY ONE SMSA ARE NOT NUMBERS OF SMSA\*S OF SMS INCLUDED.

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

7 STOTURE IN SINSA : Grocery stores in United States : stores in SINSA : Livery Stores in United States : stores in SINSA : Livery Stores in United States : store   Sinsa   S						Ffı	Firms operating— $\frac{1}{2}$	rating	/		1				Trms	with	Firms with grocery	Α.	S	Share of		SMSA sales	les as
1	Item	5	rocer	y sto	res i	n SMS	Ť	Groce	ry st	ores	in Un	ited	States		ther	SMSA	$\frac{1}{2}$			Divi-	. U.S.	sales in	in or
SysA's with I million or more population  Number of firms  Number of firms  Number  Nu			2-4 :		1 10	26-	51 or more	-	:2-4	7	11-	26-	51 or more	·	7	3-5	6-9:	10 or more	3/ 3/	sales	: sales : 5/	: Division	. U.S.
Number of fitums    Number   N											SMSA	s wi			or no	re po	pulati	U					
Number   1.0   1.0   1.7   1.8   2.1   0   0   1.0   1.1   3.5   1.0   1.0   1.1   1.2   2.9									Numbe	ir of	firms												
Number of firms Number of firms Number of firms	_ g					1.8	2.1	00	00	1.0	1.0	1.1	3.5	1.0	1.0	1.1	1.2	2.9					
10 0.1 1.1 1.5 1.2 28 20 0 0 1 1 1 14 34 4 9 8 10 33										Numbe	ы												
on 0.1 0.1 1.1 1.5 1.2 0 0 0 0 0.5 3.5 0.1 0.3 0.3 0.4 2.8 50.7 21.5 on 0.2 2.3 1.1 1.0 1.3 0 0 0.2 2.2 6.7 3.5 0.1 0.3 0.3 0.4 2.8 50.7 21.5 on 0.2 2.3 1.1 1.0 1.3 0 0 0 0.2 2.2 6.7 3.4 34 34 34 34 34 34 34 34 34 34 34 34 34		. 0	2	4	22	28	20	0	0	П	Н	14	34	7	6	00	10	33					
On 10 0.1 0.1 1.1 1.5 1.2 0 0 0 0 0.5 3.5 0.1 0.3 0.3 0.4 2.8 50.7 21.5 on 10 0.2 2.3 1.1 1.0 1.3 0 0 0 2.2 2.6 7 3.4 34 34 3.5 0.1 0.3 0.4 5.6 9 10.1 7.5 Number Number SHSA's with 300,000 - 999,999 population  Number of firms  Number of firms  Number of 0 0 1.4 1.2 1.0 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.3 1.0 1.0 1.1 2.4 9		- 1	=1	1	- 1	-1	1	1	Numbe		firms	- 1	ŀ		1	1			1	1	- Percent	t 1	1
Number  SMSA's with 300,000 - 999,999 population  Number of firms  Number  II. 3 1.9 1.8 1.2 1.0 1.0 1.0 1.2 1.2 1.0 2.7 1.3 1.0 1.0 1.1 2.4  on :0 .5 .8 .8 .4 0 0 0 .4 .4 .2 .9 .5 0 0 .4 .9  Number  III 31 57 63 20 5 5 12 25 26 22 76 21 6 17 23 75	ghted viation					1.5	1.2	00	0 0	0	0	0.5	3.5	0.1	0.3	0.3	9.0	2.8	50.7	21.5	3.7	25.5	13.0
SMSA's with 300,000 - 999,999 population  Number of firms  1.0 1.3 1.9 1.8 1.2 1.0 1.0 1.0 1.2 1.2 1.0 2.7 1.3 1.0 1.0 1.1 2.4  on 05 .8 .8 .4 0 0 0 .4 .4 .2 .9 .5 0 0 .4 .9  Number  1.1 31 57 63 20 5 5 12 25 26 22 76 21 6 17 23 75														Numbe	Ħ								
SMSA's with 300,000 - 999,999 population  Number of firms  1.0 1.3 1.9 1.8 1.2 1.0 1.0 1.0 1.2 1.2 1.0 2.7 1.3 1.0 1.0 1.1 2.4  on 0 .4 .4 .4 .2 .9 .5 0 0 .4 .9  Number  1.1 31 57 63 20 5 5 12 25 26 22 76 21 6 17 23 75	lumber of SMSA's	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	32	21	32	21
Number of firms  1.0 1.3 1.9 1.8 1.2 1.0 1.0 1.0 1.2 1.2 1.0 2.7 1.3 1.0 1.0 1.1 2.4  on 0 .4 .4 .2 .9 .5 0 0 .4 .9  Number  1.1 31 57 63 20 5 5 12 25 26 22 76 21 6 17 23 75  1.1 31 57 63 0.1 0.1 0.2 0.4 0.4 0.3 2.7 0.4 0.1 0.2 0.3 2.3 48.9 18.6  on 0.4 .7 1.1 1.0 .6 .2 .2 .4 .6 .6 .5 .9 .6 .3 .4 .6 1.0 10.2 7.5  Number  Number											SMSA	s w1	th 300,		6,666	99 ро	pulati	u					
i.1.0 1.3 1.9 1.8 1.2 1.0 1.0 1.0 1.2 1.2 1.0 2.7 1.3 1.0 1.0 1.1 2.4 1.9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									Numbe		firms												
MSA's : 11 31 57 63 20 5 5 12 25 26 22 76 21 6 17 23 75 5 12 25 26 22 76 21 6 17 23 75 5 12 25 26 22 76 21 6 17 23 75 5 12 25 26 22 76 21 6 17 23 75 5 13 10 10 10 10 10 10 10 10 10 10 10 10 10	g G					1.2	1.0	1.0	1.0	1.2	1.2	1.0	2.7	1.3	1.0	1.0	1.1	2.4					
MSA's :11 31 57 63 20 5 5 12 25 26 22 76 21 6 17 23 75  : Number of firms										Numbe	ы												
ghted :0.1 0.5 1.4 1.5 0.3 0.1 0.1 0.2 0.4 0.4 0.3 2.7 0.4 0.1 0.2 0.3 2.3 48.9 18.6 vlation: .4 .7 1.1 1.0 .6 .2 .2 .4 .6 .6 .5 .9 .6 .3 .4 .6 1.0 10.2 7.5 Number  **MSA's : 76 76 76 76 76 76 76 76 76 76 76 76 76	umber of SMSA's	11	31	57	63	20	5	2	12	25	26	22	9/	21	9	17	23	75					
ghted :0.1 0.5 1.4 1.5 0.3 0.1 0.1 0.2 0.4 0.4 0.3 2.7 0.4 0.1 0.2 0.3 2.3 48.9  Valation : 4 .7 1.1 1.0 .6 .2 .2 .4 .6 .6 .5 .9 .6 .3 .4 .6 1.0 10.2   Number   MSA's : 76 76 76 76 76 76 76 76 76 76 76 76 76	!		1	1	1	l S	i	1	Numbe		firms	- 1		1	1	1	- 1		- 1	1 1	- Percent	1 1 1	1
Number 76 76 76 76 76 76 76 76 76 76 76 76	ghted viation					0.3	0.1	0.1	0.2	9.0	0.4	0.3	2.7	0.4	0.1	0.2		2.3	48.9	18.6	3.7	9.8	4.0
76 76 76 76 76 76 76 76 76 76 76 76 76 7	99													Numbe	н								
	umber of SMSA's	92 :	9/	92	9/	9/	9/	9/	9/	76	9/	9/	92	94	76	92	92	92	92	40	23	70	23
TOOTTOTTOTTO AT TABLE	See footnotes at end of table		4																			Con	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

					I.	Firms ope	operating1/	81/					E	L'ETT J	of th	Firms with grocery	, s		Share of	•••	SMSA sales	8 88
Item		Grocery	y sto	stores	in SMSA	SA	Grocery		stores	tn Un		States		tores ther	stores in follo other SMSA's $1/$	stores in following other SMSA's $\frac{1}{2}$		SMSA	l · · · · ·	U.S.	portion or sales in	io
	-	: 2-4	5- 10	11-	26-	51 or more	-	: 2-4	** ** ***	5- 11- 10 25		26- 51 or 50 more	-		3-5	6-9:	10 or more	sales $\frac{3}{4}$	sales	sales : 5/ :	: Division :	U.S.
										SMSA	's wi	SMSA's with 150,000	- 1	299,9	10d 66	299,999 population	띪					
								Number	of	firms												
Nonzero entries <u>6/</u> Mean, unweighted Standard deviation	1.2	2.0	1.9	1.1	1.0	0 0	1.1	1.2	1.1	1.3	1.1	2.5	1.0	1.0	1.3	1.2	2.2					
									Number	H												
Number of SMSA's	: 15	62	70	24	7	0	00	24	19	19	27	75	14	17	26	56	73					
	1	1	1	1	1 1 1		1	Number of		firms	1	; 	! ! !	1	1		1	1	1 1 1	- Percent	1 1 1	-
All SMSA's 7/ Mean, unweighted Standard deviation	: 0.2	1.6	1.7	9.4	0.2	00	0.1	9.0	0.3	0.3	0.4	2.5	0.2	0.2	0.4	4.0	2.1	52.5	17.1 7.1	6.8	8.5 8.9	4.4
													Number	ы								
Number of SMSA's	3 76	9/	16	76	76	92	76	16	76	92	92	9/	76	9/	9/	9/	9/	92	37	20	37	20
										SMSA	W S	SMSA's with less than 150,000 population	than	150,0	00 00	ulati	00					
								Number	ir of	firms												
Nonzero entries <u>b/</u> Mean, unweighted Standard deviation	1.6	2.4	1.4	1.0	1.0	0 0	1.1	1.1	1.1	1.1	1.0	2.6	1.2	1.0	1.1	1.3	2.3					
									Number	Ħ												
Number of SMSA's	: 45	71	39	4	3	0	16	24	17	27	17	77	16	14	18	32	72					
	1	1	1	i	1	1 1 1	I I	Number	r of	firms	1	t I	1 1	1	1	I I		i	1 1 1 1	Percent	1 1 1	1
All SMSA's 7/ Mean, unweighted :0.9 Standard deviation :1.0	:0.9	2.2	0.7	0.1	0	00	0.2	0.4	0.2	0.4	0.2	2.6	0.2	0.2	0.2	0.5	2.1	56.3	15.8	7.5	4.5 11.2	3.3
													Number	н								
Number of SMSA's	: 77	77	77	77	77	77	77	77	77	77	77	11	11	77	77	77	11	77	38	17	38	17
	•																					

Continued--

	н	1 :2-4 : 5- 11- 26- 10 25 : 50	5-	11-	26-	51 or	н	2-4	2-4; 5- 11- 26- 51 or	11-	26-	51 0	 ⊢		:3-5	:3-5 :6-9	10 or more	or 3/	. sales : 4/	25/	1	: Division : U.S.	ro.
						Q.				ଔ	fSA's	in t	SMSA's in the Northeastern region	heast	ern r	egion							
							-	Jumpe	Number of firms	irms													
Nonzero entries <u>6</u> / Mean, unweighted Standard deviation	2.0	1.9	1.9	1.5	1.6	2.2	1.1	1.0	1.0	1.2	1.1	2.9	1.1	0.0	1.1	1.3	2.4						
								-	Number	4.					Ť								
Number of SMSA's	: 14	36	32	26	6	9	ω	16	4	19	12	26	7	11	1 20	1 22	53						
	1 1	1	1	1	1	t t = t	1	Number of	r of i	firms	1	1	1 1 1	1	1	1 1 1	1	1	1 1 1	Per	Percent	1 1 1	
All SMSA's 7/ Mean, unweighted :0.5 Standard deviation :1.0	0.5	1.2	1.1	0.7	0.3	0.2	0.2	0.3	0.1	9.0	0.2	2.9	0.1	0.2	2 0.4	0.5	2.3	50.5	21.3	3.6	8 7.7 6 9.2		5.3
													Number	er									
Number of SMSA's	56	99	56	26	56	56	99	56	56	56	56	26	56	26	5 56	26	26	26	32	25	5 32		25
										64	4SA's	int	SMSA's in the North Central region	h Cen	tral	regio	۵I						
							1	Number of		firms													
Nonzero entries <u>b/</u> Mean, unwelghted Standard deviation	1.4	2.1	1.8	1.3	2.1	2.0	1.2	1.2	1.1	1.2	1.1	2.4	1.2	1.0	1.3	1.2	2.1						
Number of SMSA's	20	67	77	21	10	9	5	21	Number 25	19	26	98	16	12	2 18	33	62						
		1	l l	i	= 1 1	1 1 1	1 1	Number of	r of f	firms	i	1 L 1	1 1 1	1	1	1	1	1	1 1 1	Per	Percent	1 1	
All SMSA's 7/ Mean, unweighted Standard deviation	0.4	1.5	1.1 0.4		0.3	0.2	0.1	0.4	0.4	0.3	9.0	2.4	0.3	0.2	2 0.3	9.0	1.9	53.7	11.7	6.0	0 17.4 9 22.2	4 14.4 2 20.8	4.80
													Number	er									
Number of SMSA's	69 :	69	69	69	69	69	69	0 7	69	69	69	69	69	69	69 6	69	69	69	33	3 16	6 33		16

Continued--

See footnotes at end of table.

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

					FI	rms op	Firms operating1/	<u>1-1</u>					ļ	Firms	Firms with grocery	groce	ry		Share of		SMSA sales	les as
Item		Grocery		stores	in SM	SMSA	Grocery		stores	in Un	United	States	1	store	stores in rollowing other SMSA's $\frac{1}{2}$	s 1/	71ng 2/	SMSA	-tvid	: U.S.	sales in	in or
	-	2-4	5-	11-	26-	51 or more		: 2-4		5- 11- 10 25	26- 50	1- :26- :51 or 25:50; more	-		:3-5	6-9:	10 or more	: sales : 3/	sales:	: sales : <u>5</u> /	: Division	u.s.
											SMSA's	뒤	the Southern	ther	n region	e l						
								Numbe	Number of	firms												
Nonzero entries 6/ Mean, unweighted Standard deviation	1.2	2.0	1.7	1.6	1.3	1.6	1.0	1.2	1.0	1.3	1.1	2.8	1.1	1.0	1.0	1.2	2.5					
									Number	ы												
Number of SMSA's	30	58	99	48	25	00	12	15	18	24	33	98	21	17	21	30	86					
	l 1	1	1	l t	1	1	1	Number	of	firms	1	1	1	1	1 1 1	1	1	1	1 1	- Percent	T - 1	1
All SMSA's 7/ Mean, unweighted Standard deviation	:0.4 :.6	1.2	1.1	0.8	0.3	0.1	0.1	0.2	0.2	0.3	0.4	2.8	0.2	0.2	0.2	0.4	2.5	52.3 10.8	17.5	8.9	8.8	3.3
													Number	E S								
Number of SMSA's	. 98	98	98	86	98	98	98	98	98	98	98	98	98	98	98	98	86	98	65	33	65	33
											SMSA's	무	the Western	stern	region	힑						
								Numb	Number of	firms												
Nonzero entries 6/ Mean, unweighted Standard deviation	.0:0:	2.0	1.8	1.9	1.2	1.8	1.0	1.1	1.2	1.1	1.0	2.7	1.2	1.0	1.1	1.0	2.4					
									Number	н												
Number of SMSA's	. 7	23	28	18	6	5	2	00	15	11	6	40	11	9	10	9	40					
	1 1	į	1	1	I I I	1	1		Number of	firms	1	l I I	1	1 1	1	1	25. <mark>1</mark>	1	1 1 1 1	- Percent	t	+
All SMSA's 7/ Mean, unweighted Standard deviation	:0.2	1.2	1.2	0.9	0.3	0.2	.2	0.2	0.4	0.3	0.2	2.7	0.3	0.1	0.3	0.1	2.4	52.6	27.0	8.7	12.1	3.8
													Number	Ti.								
Number of SMSA's	. 40	40	40	40	40	40	40	40	40	04	40	40	40	40	40	40	40	40	17	7	17	7
																					Con	Continued
See lootnotes at end of table.	10 01	caple																				

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

					F	Firms ope	operating- $-1/$	31/					遥!	Firms with	ith 8	grocery		S.	Share of		SMSA sales	es as
Item		Grocery stores in SMSA	ry st(	ores :	in SM	SA	Groce	ery st	ores	in Un	Ited	Grocery stores in United States		stores in lollo other SMSA's $1/$	MSA's	stores in rollowing other SMSA's $\frac{1}{2}/\frac{2}{}$		SMSA	Divi-	u.s.	sales in	II.
	-	2-4	5- 10	11-25	26- 5	51 or more		: 2-4		5- 11- 10 25		26- 51 or 50 more		2	3-5	6-9	10 or more	sales $\frac{3}{4}$	sales		: Division	. U.S.
							SMSA	's wi	th 197	72 fou	r-fir	m conce	SMSA's with 1972 four-firm concentration ratios of 60 percent	on rat	Tos c	,f 60	percent	t or over	ы			
								Number	er of	firms												
Nonzero entries 6/ Mean, unweighted Standard deviation	1.3	2.0	1.8	1.5	1.4	2.0	1.1	1.1	1.1	1.2	1.1	2.6	1.3	1.0	1.3	1.2	2.5					
									Number	H												
Number of SMSA's	: 23	42	77	26	11	2	7	16	17	23	16	99	00	17	16	22	59					
	l 	1	1	1	1	I I I	1	Number	er of	firms	1	1 1	1	I I	1	1	ı	1	1	- Percent	1 1 1	1
All SMSA's 7/ Mean, unweighted Standard deviation	.0.5	1.3	1.2	9.0	0.2	0.1	0.1	0.3	0.3	4.0	0.3	2.6	0.2	0.3	6.3	9.0	2.3	67.2	17.1	3.9	9.4	3.4
													Number	ы								
Number of SMSA's	: 64	99	99	64	99	99	64	99	64	99	64	64	99	99	99	99	99	99	38	29	38	29
							SMSA	SMSA's with	ch 1972	72 fou	r-fir	m conce	four-firm concentration ratios	on rat		of 50	- 59.99	9 percent	ыI			
								Number	er of	firms												
Nonzero entries <u>6/</u> Mean, unweighted Standard deviation	1.6	2.1	1.7	1.7	1.5	2.3	1.2	1.2	1.2	1.2	1.1	2.8	1.1	1.0	1.2	1.2	2.4					
									Number	3r												
Number of SMSA's	: 15	53	48	34	18	7	5	12	19	26	27	81	15	13	25	26	80					
1	  -  -	İ	l l l	i	1	1	1	Number	er of	firms	l I	1 1 1		i i	1	1	1	1	1 1	- Percent	1 1 1 1	1
All SMSA's // Mean, unweighted Standard deviation	:0.3	1.3	1.0	0.7	0.3	0.2	0.1	0.2	0.3	0.4	0.4	2.7	0.2	0.2	0.4	9.0	2.3	54.7	18.8	6.9	10.6	6.9
													Number	L.								
Number of SMSA's	. 82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	43	23	43	23
See footnotes at end of table.	d of	table,																			Cont	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

					E	Firms operating1/	perati	[ gu]						Fir	w Sar	Firms with grocery	rocer		Sh	Share of		SMSA sales	88 88
Item		Groce	Grocery stores in SMSA	ores	In SM	ISA	J.B.	cery	Grocery stores	1 44	United	d States	tes	oth	er S	stores in rollowing other SMSA's $1/2/$	$\frac{1}{2}/\frac{2}{2}$	80	SMSA	Divi-	U.S.	portion of sales in	#   
		: 2-4	5-	111-	26- 50	51 or 0 more		: 2-4	l	5- 11- 10 25	11- 26- 25 50	26- 51 or 50 more	or .		2 ::3	3-5 :6	6-9:	10 or more	sales : 3/ :	sion sales	sales : 5/	Division	. U.S.
					ıń		SMS	A's v	rith 1	972 £	our-f	1rm c	SMSA's with 1972 four-firm concentration ratios of	ation	rati	10 80	40	. 49.99	- 49.99 percent				
								Nua	Number of	f firms	80												
Nonzero entries <u>b/</u> Mean, unweighted Standard devlation	1.4	1.9	1.7	1.5	1.5	1.5	0.0	0 1.2	2 1.1	1 1.2		.3 .8		1.2 1	1.0 1	1.0 1	1.2	2.3					
									Num	Number													
Number of SMSA's	: 26	59	62	43	20	13	1	11 2	24 1	18 1	18 3	31 93		26	11	25	34	92					
	1 1	1	1	1	 	1	1	- Nu	Number of	f firms	1		l l	1	. !	I I	1	ı	1	1 1 1	- Percent	 	!
All SMSA's 7/ Mean, unweighted Standard deviation	:0.4	1.2	1.1	0.7	0.3	0.2	0.1	1 0.3	0	.2 0.2	0	.4 2.7		0.3 0	0.1 0	0.3 0	4.0	2.3	45.0	18.2	9.3	12.4	7.2
													Nu	Number									
Number of SMSA's	: 93	93	93	93	93	93	ďΛ	93 9	93 9	93 9	93 9	93 93		93	93	93	93	93	93	57	25	25	25
							S.	SA'8	with	1972	four-	firm	SMSA's with 1972 four-firm concentration ratios less than	ratio	n rat	los ]	ess	chan 40	40 percent				
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7								Nun	ber o	Number of firms	8												
Monzero entites of Mean, unweighted Standard deviation	1.3	2.0	2.1	1.5	1.5	2.7	1.0	0 1.1	1 1.1	1 1.3	3 1.0	0 2.5		1.3 1	1.0 1	1.0 1	1.3	2.0					
									Num	Number													
Number of SMSA's		12	16	10	4	6		7	<b>80</b>	00	9	6 24	· ob	9	2	6	6	22					
100000	l 	1	1 1 1	1	1	1	1	- Num	Number of	f firms	ı	1 1	1 1 1	1 1	1	1	1	ι	1	1 1	- Percent	1 . 1 . 1 .	ı
All SMSA's <u>//</u> Mean, unweighted Standard deviation	:0.4	1.0	1.4	9.0	0.3	0.3	0.2	0	0	.4 0.3	0	.3 2.5		0.3 0	0.2 0	0.1 0	.8	1.9	33.6	18.7	3.4	12.4	10.4
													Nu	Number									
Number of SMSA's	24	24	24	24	24	24	2	24 2	24 2	24 24		24 24		24	24	24	24	24	24	6	4	6	4

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 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/

	:			CURRENT			:	DE	FLATED	2/	
SMSA	:	1954	: 1958	1963	1967	: 1972	1954	1958	1963	: 1967	1972
	:										
	:					MILLION	DOLLARS				
ABILENE	тх:	24	30	32	35	50	28	33	35	35	41
AKRCN	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 ALBUQUERQUE	NM:	161 45	211 67	225 74	287 92	414 157	188 53	231 74	245 81	287 92	341 129
	LA:	NA	NA	NA	NA	58	NA	NA	NA	NA	48
ALLENTOWN-BETHLEH		118	138	158	201	312	128	151	172	201	257
ALTCONA AMARILLO	PA: TX:	33 29	32 37	4 4 4 4	48 51	66 78	38 34	35 41	48 48	48 51	55 65
ANAHEIM-SANTA ANA		97	179	320	496	788	113	197	348	496	648
ANCHORAGE	AK:	NA	N A	N A	NA	78	N A	N A	NA	NA	64
ANDERSON	IN:	28	38	44	50	66	33	42	48	50	54
ANN ARBOR	MI:	38	45 NA	61 NA	86 NA	140 117	45 NA	49 N A	66 NA	86 N A	115 96
APPLETON-OSHKOSH ASHEVILLE	NC:	NA 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:		59	64	73	107	57	65	70	73	88
AUGUSTA AUSTIN	GA:	52 39	49 50	55 59	71 80	116 175	60 45	53 55	59 64	71 80	95 144
BAKERSFIELD	CA:		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:		59	74	99	204	45	64	80	99	168
BATTLE CREEK	MI:		NA 70	NA	NA 44	94	NA On	NA 35	NA 37	N A 4 4	77 51
BAY CITY BEAUMONT-PORT ART	MI:	24 62	32 97	35 101	117	62 18 <b>0</b>	28 72	106	110	117	148
BILLINGS	MT:		23	28	33	42	22	26	30	33	35
BILOXI-GULFPORT	MS:		NA	NA	39	74	N A	NA	NA	39	61
BINGHAMTON BIRMINGHAM	NY:		63 156	98 178	127 245	169 363	61 152	70 172	106 193	127 245	139 298
BLOOMINGTON-NORMA			NA.	NA	29	43	NA	NA	NA	29	35
BOISE CITY	ID	19	30	30	38	59	23	33	32	38	48
BCSTON	MA:		836	946	1,057	-	897	919	1,026	1.057	1,237
BRIDGEPORT BRISTOL	CT:		110 NA	131 NA	159 NA		100 NA	121 NA	142 NA	159 NA	184 28
BROCKTON	MA:		44	57	69		45	49	62	69	68
BROWNSVILLE-HARLI			29	32	41	69	30	32	35	41	57
BRYAN-COLLEGE STA	TX:		NA 402	NA 424	NA 497	34 642	NA 397	NA 442	NA 460	N A 497	28 528
BUFFALO BURLINGTON	NC:		NA	NA NA	NA		NA	NA	NA	NA	41
CANTON	0н:		100	102	152		101	110	111	152	146
CEDAR RAPIDS	IA:		42	43	57		33	46	47	57	62
CHAMPAIGN-URBANA-			31	39	51		27 45	34	42	51 77	49 129
CHARLESTON CHARLESTON	SC:		48 74	56 75	77 89		89	53 82	61 81	89	109
CHARLOTTE-GASTONI			71	101	128	281	51	78	110	128	231
CHATTANOOGA	TN:		89	90	114		76	98	98	114	167
CHICAGO CINCINNATI	OH:	1•535 279	1,905	2•142 414	2,616 476		1 •789 326	2 • 0 9 3 3 6 3	2 • 323 449	2,616 476	2•729 519
CLEVELAND	OH:		589	673	805		563	648	730	805	847
COLORADO SPRINGS	co:	27	32	43	55		31	36	47	55	85
COLUMBIA	MO:	N A	NA	NA	NA		NA	NA	NA	NA	29
COLUMBIA COLUMBUS	SC:		47 43	60 48	82 60		37 43	52 47	65 52	82 60	117 68
COLUMBUS	OH		191	253	305		188	210	274	305	410
CORPUS CHRISTI	TX:	52	68	64	97	140	6.0	75	70	97	115
DALLAS ET WORTH	TX		317	390	509		250	349	423	509	NA
DALLAS-FT WORTH DANBURY	CT		NA NA	N A N A	N A Ņ A		N A N A	N A N A	N A N A	N A N A	998 60
DAVENPORT-ROCK IS			74	101	129		75	81	110	129	139
DAYTON	0Н:		189	234	294	410	166	208	254	294	337
	- 1										

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

SMSA				CURRENT			: :	D	EFLATED	2/	
AChe	:	1954	: 1958		1967			1958	: 1963	: 1967	: 1972
,	:										
						MILLION	DOLLARS				
	FL:	NA	NA	NA	NA	115	NA	NA	N A	NA	94
	IL:	29	36	37	45	56	34	39	40	45	46
	co:	197	248	326	395	672	229	273	354	395	552
	IA:	62	82	92	120	163	72	90	99	120	134
	MI:	980	1,140	1.237	1,606	2.264	1.142	1 +253	1,342	1,606	1 • 862
	IA:	18	21	24	29	42	21	23	26	29	35
	MN: NC:	71 21	81 27	79 33	98	113	83 25	89	85	98	93
	TX:	56	73	76	60 89	NA 146	65	29 80	36 83	60 89	NA 100
	NY:	NA	NA	N A	NA	56	NA	NA.	N A	N A	120 46
DIE .	:	60	71	70	0.0	177	7.0	7.0	0.4	9.0	
	PA:	60 43	71 44	79	90	133	70	78	86	, ,	109
:UGENE-SPRINGFIEL :VANSVILLE	IN:	43	59	61 65	71 91	116 128	50 50	48	66	71	95
	MA:	35	42	44	51	76		64	70	91	106
	ND:	19	25	30	38	53	41 22	47 27	48 32	51 38	63 44
	NC:	NA.	NA	N A	41	62	N A	NA NA	NA	41	51
AYETTEVILLE-SPRI		NA NA	NA	N A	NA	69	NA NA	N A	NA	NA NA	56
ITCHBURG-LEOMINS		NA.	26	32	34	52	NA	28	35	34	43
	MI:	94	197	144	189	273	110	118	156	189	225
	AL:	NA	NA	N A	NA	50	NA	NA	NA NA	NA	41
ORT LAUDERDALE-H	FI:	50	103	160	224	461	58	113	173	224	379
	FL:	NA.	NA NA	NA	NA	74	N A	NA NA	NA NA	224 NA	60
	AR:	17	20	38	50	75	20	22	41	50	62
	IN:	40	64	77	106	170	47	70	83	106	140
	TX:	126	172	197	250	NA	147	189	214	250	N A
	CA:	96	116	138	153	209	112	127	149	153	172
	AL:	20	21	25	28	43	24	24	27	28	35
AINESVILLE	FL:	NA	NA	N A	NA	63	NA	NA	NA	NA	52
ALVESTON-TEXAS C	TX:	32	47	50	64	85	37	51	54	64	70
ARY-HAMMOND-EAST		129	178	200	243	329	151	196	217	243	271
RAND RAPIDS	MI:	90	107	160	223	346	105	117	174	223	284
	MT:	16	21	28	28	37	19	24	30	28	31
REEN BAY	WI:	31	39	39	50	72	37	43	43	50	59
REENSBORO-HIGH P	NC:	48	60	75	NA	NA	56	66	81	NA	N A
REENSBORO-WINSTO	NC:	NA	NA	N A	196	338	NA	NA	NA	196	278
REENWILLE-SPARTA	sc:	39	50	78	101	241	46	55	85	101	198
AMILTON-MIDDLETO	OH:	41	53	62	70	106	48	58	67	70	87
	PA:	72	96	111	136	210	84	106	120	136	173
ARTFORD	CT:	114	173	221	261	362	133	190	239	261	297
ONOLULU	ні:	85	119	148	195	311	99	131	161	195	255
OUSTON	TX:	291	398	464	677	1,126	340	437	503	677	926
UNTINGTON-ASHLAN	WV:	56	69	75	91	142	65	76	81	91	117
UNTSVILLE	AL:	19	30	53	68	120	23	33	58	68	99
NDIANAPOLIS	IN:	156	199	284	381	510	182	218	308	381	420
IACKSON	MI:	29	36	42	53	74	34	39	45	53	61
	MS:	33	49	59	85	130	39	54	64	85	107
	FL:	108	126	151	183	301	126	138	164	183	248
	NJ:	181	191	201	227	246	211	210	218	227	202
	PA:	56	69	75	79	112	65	75	81	79	92
ALAMAZOO-PCRTAGE	MI:	35	54	55	83	142	41	59	59	83	117
ANSAS CITY	MO:	238	311	353	461	615	277	341	383	461	506
ENOSHA	WI:	24	26	36	39	55	27	28	39	39	45
ILLEEN-TEMPLE	TX:	NA	NA	NA	NA	62	N.A.	NA	NA	NA	5 3
INGSPORT-BRISTOL	TN:	NA	NA	N A	NA	105	NA	NA	NA	NA	86
	TN:	83	91	108	132	200	97	100	117	132	164
A CROSSE	WI:	NA	NA	NA	NA	37	NA	NA	NA	N A	30
		9	15	19	33	57	10	16	20	33	47
AFAYETTE	LA:										
AFAYETTE AFAYETTE-WEST LA	IN:	NA	NA	N A	41	51	NA	NA	N A	41	42
AFAYETTE AFAYETTE-WEST LA	IN: LA:										

	:			CURRENT			:	DE	FLATED 2	2/	
SMSA		1954	: 1958 :	1963 :	1967	: 1972				1967	1972
	:					MILLION	DOLLARS				
LANCASTER	PA:	54	67	80	105	155	63	74	87	105	128
LANSING-EAST LANS		53	84	104	126	187	62	92	113	126	154
LAREDO	TX:	12	13	15	24	44	13	15	16	24	36
	NV:	30	43	76 72	105 87	175 141	34 36	47 67	83 78	105 87	144 116
LAWRENCE-HAVERHIL LAWTON	OK:	31 14	61 14	19	23	32	16	16	20	23	26
	ME:	N.A	23	24	30	43	NA	25	27	30	36
LEXINGTON	KY:	24	34	46	61	128	29	38	50	61	106
LIMA LINCOLN	OH: NE:	25 25	33 36	32 42	57 50	91 66	29 29	36 40	35 45	57 50	75 54
LINCOLN	:	23	30	75	30		٤,	10	13	30	3 1
LITTLE ROCK-NORTH		47	63	69	100	152	55	69	75	100	125
LONG BRANCH-ASBUR		NA	NA	NA	NA	296	NA	NA	NA	NA	243
LORAIN-ELYRIA LOS ANGELES-LONG	OH:	47 1,626	57 2•037	71 2•382	90 2•829	120 3,643	55 1 •895	63 2•239	76 2•584	90 2•829	99 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
L YNCHBURG MACON	VA: GA:	21 34	26 40	34 52	45 70	67 106	25 39	29 43	37 56	45 70	55 87
MADISON	WI:		53	65	85	136	54	58	71	85	111
	:										4.7
MANCHESTER MANSFIELD	NH:	28 NA	33 NA	4 0 N A	44	81 62	32 NA	37 NA	43 NA	44	67 51
MCALLEN-PHARR-EDI		NA	NA	N A	44	67	NA	NA	NA	44	55
MELBOUR NE-TITUS VI	FL:	NA	NA	N A	NA	116	NA	NA	NA	NA	95
MEMPHIS	TN:		157	192	223	381	154	173	208	223	314
MERIDEN MIAMI	CT:		16 296	16 377	23 476	30 742	16 251	18 <b>32</b> 5	18 409	23 476	24 610
MIDLAND	TX:	_	22	23	24	30	17	24	25	24	25
MILWAUKEE	WI:		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	NA	NA	NA	92
MONROE	LA:		21	27	37	72	21	23	30	37 63	59 83
MONTGOMERY MUNCIE	AL:		34 31	52 31	63 42	101 58	35 29	38 34	56 33	42	47
MUSKEGON-MUSKEGON			44	54	65	101	45	49	58	65	83
NASHUA	NH:		NA	NA	NA	66	NA	NA	NA	N A	54
NASHVILLE-DAVIDSO			122	140	204		96	134 NA	152	204 NA	289 1•339
NASSAU-SUFFCLK New Bedford	NY:		N A 4 4	N A 51	NA 53		NA 47	48	NA 55	53	62
NEW BRITAIN	CT:		4.0	44	49			44	48	49	64
NEW BRUNSWICK-PER NEW HAVEN-WEST HA			NA 104	N A 125	NA 141		N A 96	NA 114	NA 136	141	278 188
NEW LONDON-NORWIC			NA.	64	67		NA	NA.	70	67	198
NEW ORLEANS	LA:	153	258	283	406		178	284	307	406	497
NEW YORK		3.131	3,669	4 9 0 0 4	4.546			4 • 032	4,343	4,546	4 • 065
NEWARK NEWPORT NEWS-HAMP	NJ:		558 54	592 64	750 82			613 60	642 70	750 82	900 121
NORFOLK-VIRGINIA	VA		154	158	197			169	€ 172 NA	197	248
NORTHEAST PENNSYL			NA	N A	NA	317	NA	NA	NA NA	N A	261
NORWALK	CT:		NA	44	58	74	N A	NA	47	58	61
ODESSA	TX:		31	31	35			34	34	35	39
OGDEN	UT	24	29	37	41	. NA	28	32	40	41	NA
OKLAHOMA CITY	OK		132	175	213			145	189	213	294
OMAHA ORLANDO	NE:		121 79	142 117	183 134			133 87	155 127	183 134	196 209
OWENSBORO	KY		NA	NA	NA			NA	NA	NA.	31
OXNARD-SIMI VALLE	CA	NA.	NA	N A	125	199	NA.	NA	N A	125	164
PARKERSBURG-MARIE			NA Zeo	NA	NA En a			NA A17	NA Ear	N A	60
PATERSON-CLIFTON	NJ	316	380	461	593	258	368	417	500	593	213
		-									

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

SMSA				CURREN			:	0	EFLATED	2/	
31134	:		: 1958				-	1958	: 1963	: 1967	: 1972
	:		******								
	:					MILLION	N DOLLARS				
PENSACOLA	FL:		47	55	68	115	42	51	60	68	94
PEORIA	IL:	66	81	101	132	170	77	90	110	132	140
PETERSBURG-COLONI PHILADELPHIA		N A 999	NA 1 310	NA 1 750	NA 1 (70	63	NA	NA	NA	NA	51
PHOENIX	PA:	114	1,210 164	1,358 241	1,679 341	2,385 587	1,164	1,329	1,473	1,679	1,962
PINE BLUFF	AR:		17	21	28	39	132 20	18 <b>0</b> 18	261 22	341 28	483 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:		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	N A	NA	137	NA	NA	NA	NA	112
PROVIDENCE-WARWIC		189	234	276	332	440	220	257	300	332	362
PROVO-OREM	UT:	17	22	27	35	51	19	24	29	35	42
PUEBLO RACINE	CO:	26	30	35	39	60	30	33	38	39	49
RALEIGH	WI:	33 32	49 42	44	62	83	38	54	48	62	68
RALEIGH-DURHAM	NC:	NA	NA NA	52 NA	67 NA	NA 221	38 NA	46	56	67	NA 100
READING	PA:	67	72	81	90	145	78	NA 79	NA 88	N A 90	182 119
RENO	NV:	18	29	45	55	90	21	32	49	55	74
RICHLAND-KINNEWIC	WA:	NA	NA	N A	NA	49	NA	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.	31	NA	NA	NA	N A	25
ROCHESTER	NY:		178	261	344	512	171	195	284	344	421
ROCKFORD SACRAMENTO	IL:	42 114	61	79	101	131	49	67	85	101	108
SAGINAW	MI:	38	15 <b>0</b> 52	258 61	307 75	454 117	132	165	279	307	373
ST CLOUD	MN:	NA	NA	NA	NA NA	52	NA	57 NA	66 NA	75 NA	96 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		NA	NA	N A	NA	332	NA	NA	NA	N.A.	273
SAN ANGELO SAN ANTONIO	TX:	118	19	20	24	37	21	21	22	24	30
SAN DIEGO	CA:	127 190	170 269	179 295	227 414	376	148	187	194	227	309
SAN FRANCISCO-OAK		768	896	1,070	1,315	645 1,739	221 895	296 985	320 1,161	414 1,315	531
SAN JOSE	CA:	123	180	266	385	614	144	198	288	385	1 • 430 505
SANTA BARBARA-SAN	CA:	33	45	78	92	134	39	50	85	92	110
SANTA CRUZ	CA:	NA	NA	N A	NA	83	NÁ	NA	NA NA	NA.	68
SANTA ROSA	CA:	NA	NA	N A	NA	137	NA	NA	NA	NA NA	113
SARASOTA	FL:	NA	NA	NA	NA	89	NA	NA	NA	NA	73
SAVANNAH	GA:		44	49	62	97	42	49	53	62	8 0
SCRANTON SEATTLE-EVERETT	PA:		77	72	89	NA	71	85	78	89	
SEATTLE-EVERETT SHERMAN-DENISON	WA:		361	417	551	758	25,7	397	452	551	
SHREVEPORT	LA:		NA 67	NA 76	30 95	37 150	NA	NA ZA	NA	30	
SIGUX CITY	IA:		31	42	46	158 55	68 32	74 34	83 45	95 46	130 45
SIOUX FALLS	SD:	17	23	24	29	A 4	10				
SOUTH BEND	IN:	54	61	82	101	41 128	19 63	25 67	27	29	34
SPOKANE	WA:	70	87	85	100	139	82	96	89 92	101 100	
SPR INGF IELD	IL:	35	48	49	60	86	41	53	53	60	
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			149	169	199	240	138	163	183	199	197
STAMFORD STEUBENVILLE-WEIR	CT:	82	68	84	101	136	96	75	92	101	
STOCKTON	CA:		47 71	54	59	78	NA CO	51	58	59	
on i on	UA.		71	91	115	139	68	78	99	115	114
	•										

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

	:		(	CURRENT				DE	FLATED :	2/	
ASMS	:	1954 :	1958 :	1,963 :	1967	: 1972		1958	1963	: 1967	: 1972
	:					MILLION	DOLLARS				
0 V D 4 0 11 0 F		109	166	203	242	331	127	183	220	242	272
	NY:	70	88	87	127	163	81	97	95	127	134
TACOMA	WA:			N A	25	61	N A	NA NA	NA	25	50
TALLAHASSEE	FL:	NA	A N		_	628	151	223	285	318	517
TAMPA-ST PETERSBU		130	203	262	318 58	78	28	31	53	58	64
TERRE HAUTE	IN:	24	28	49		7 8 5 5	20	26	29	34	45
TEXARKANA	TX:		24	26	34			162	220	254	312
TOLEDO	OH:		147	202	254	379	138	-			_
TGPEKA	KS:		40	43	50	78	36	43	47	50	64
TRENTON	NJ:		87	90	111	164	86	96	97	111	135
TUCSON	AZ:		71	88	116	206	59	78	95	116	169
TULSA	ok:		114	132	1/74	280	83	125	144	174	231
TUSCALOOSA	AL:		22	28	36	54	18	24	31	36	45
TYLER	TX:		27	31	32	51	22	30	33	32	4
UTICA-ROME	NY:	_	92	108	127	150	91	101	117	127	12
VALLEJO-FAIRFIELD			ΝĀ	63	84	127	NA	NA	68	84	10
VINELAND-MILLVILL			N A	N A	52	74	NA	NA	NA	52	6:
	TX:		40	44	52	77	41	44	48	52	6
WACO			598	723	978	1,460	544	658	784	978	1 • 20
WASHINGTON	DC:					111	57	63	77	86	9
WATERBURY	CT:		58	71	86			36	37	44	4.
WATERLOO-CEDAR FA	IA:		33	34	44	59	29	36	37	77	7
WEST PALM BEACH-B	_		74	101	134	249	49	81	109	134	20
WHEELING	WV:		56	6.0	69	95	NA	62	65	69	7
WHEELING-STEUBENV			NA	NA	NA	NA	105	NA:	NA.	N A	N
WICHITA	KS		108	111	136	170	87	110	121	136	14
WICHITA FALLS	TX		31	34	37	48	31	34	37	37	4
WILKES BARRE-HAZL			104	103	122	NA	100	114	112	122	N
WILLIAMSPORT	PA:		NA	NA	NA.	59	NA	NA	NA	NA	4
WILMINGTON	DE		110	144	173	273	95	120	156	173	22
WILMINGTON	NC		NA	NA	35	65	NA	NA.	NA	35	5
	NC		42	55	NA NA	NA NA	38	46	60	NA	N
PINSTON SALEM	NU		76	33	IAM	1470	56	70		117	.,
WORCESTER	MA	-	94	113	134	192	89	103	122	134	15
YAKIMA	WA		NA.	NA	NA		NA	NA	NA	NA	6
YORK	PA		59	82	104		56	65	88	184	12
			151	162	192	240	182	166	176	192	19
YOUNGSTOWN-WARREN	UH	156	131	102	172	240	102	100	110	176	1
MEAN, UNWEIGHTED		127	157	181	216		148	172	196	216	23
STANDARD CEVIAT	ION	290	345	382	441	523	338	379	414	441	43
						NI	JMBER				
							ulin				
NUMBER OF SMSA*S		212	215	218	230	263	212	215	218	230	26

<sup>1/ &</sup>quot;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 38--CURRENT AND DEFLATED GROCERY STORE SALES BY SMSA+ CENSUS YEARS 1954-72 1/

SMSA				CURRENT				D	EFLATED	2/	
	:	1954	1958	: 1963 :	1967	: 1972	1954	1958	: 1963	: 1967	: 1972
	:										
	:					MILLION	DOLLARS				
BILENE	TX:	23	30	31	34	48	27	33	34	34	4
KRON	0H:	102	129	172	214	311	118	141	186	214	25
LBANY	GA:	13	14	18	22	41	16	15	20	22	3
LBANY-SCHENECTAD		136	181	205	260	382	159	198	223	260	31
LBUQUERQUE LEXANDRIA	NM:	43 NA	64	71	86	146	50	71	78	86	12
LLENTOWN-BETHLEH		95	NA 116	NA 143	NA 184	56 282	NA	NA	NA	NA	4
LTOONA	PA:	28	28	38	42	282 57	110 32	128 31	155	184	23
MARILLO	TX:	27	36	42	48	75	32	39	42 46	42 48	4
NAFEIM-SANTA ANA	CA:	85	166	298	455	727	99	182	323	455	6 59
NCHORAGE	AK:	NA	NA	N A	NA	76	NA	NA	NA	AL A	
NDERSON	IN:	27	36	42	49	64	32	40	46	N A 4 9	6 5
NN ARBOR	MI:	36	42	57	81	132	42	46	62	81	10
PPLETON-OSHKOSH	WI:	NA	NA	NA	NA	110	NA	NA	NA	NA	- 5
SHEVILLE	NC:	24	30	41	51	78	28	33	44	51	E
TLANTA TLANTIC CITY	GA:	183	241	319	441	727	213	265	346	441	59
UGUSTA	NJ: GA:	37 50	45 47	55 54	62	94	43	49	59	62	7
USTIN	TX:	37	49	57	69 79	114 167	58	51	58	69	9
AKERSFIELD	CA:	67	83	93	113	147	43 78	53 92	62 101	79 113	13 12
ALTIMORE	MD:	309	414	463	619	926	760	455			
ATON ROUGE	LA:	37	55	69	94	193	360 43	455 60	502	619	76
ATTLE CREEK	MI:	NA	NA	NA	NA	89	NA	N A	75 NA	94 N A	15
AY CITY	MI:	21	26	31	41	55	24	29	34	41	4
EAUMONT-PORT ART	TX:	59	93	99	113	173	68	103	107	113	14
ILLINGS	MT:	17	22	27	31	39	20	25	29	31	- 3
ILOXI-GULFPORT	MS:	NA	NA	NA	37	70	NA	NA	NA	37	
INGHAMTON IRMINGHAM	NY:	48	58	93	123	157	56	64	101	123	12
LOOMINGTON-NORMA		122 NA	150 NA	174 NA	239 27	355 40	143 NA	165 NA	188 NA	239 27	29
OISE CITY		10									
OSTON	ID:	18 620	29 698	29	36	56	21	32	31	36	4
RIDGEPORT	CT:	71	93	841 121	922 143	1 • 324 203	723	767	912	922	1+08
RISTOL	CT:	NA	NA	- NA	NA NA	31	83 NA	102 NA	131 NA	143	16
ROCKTON	MA:	35	40	54	62	78	41	44	59	NA 62	2
ROWNSVILLE-HARLI	TX:	25	28	30	39	67	29	31	33	39	- 9
	TX:	NA	NA	NA	NA	32	NA	NA	NA	NA	
UFFALO	NY:	261	340	371	437	560	304	374	403	437	46
JRLINGTON ANTON	NC:	NA	NA	NA	NA	49	NA	NA	N A	N A	4
KIN I OIL	OH:	73	84	87	142	164	85	92	94	142	13
DAR RAPIDS	IA:	25	40	42	54	71	30	44	46	54	
	IL:	22	29	37	50	58	26	32	4 G	5 0	4
HARLESTON HARLESTON	SC:	37 72	45	53	72	151	43	49	58	72	12
ARLOTTE-GASTONI		42	71 67	72 98	85	130	84	78	78	85	10
ATTANOOGA	TN:	63	87	86	125 110	275 199	49 73	73	107	125	22
HICAGO		1,259	1,638	1.944	2,415	3,054	1,468	96 1•800	94 2+109	110	16
INCINNATI	0H:	218	280	368	434	551	254	308	400	2,415	2 • 51
LEVELAND	OH:	356	478	574	728	938	415	525	623	728	77
CLORADO SPRINGS	CO:	24	31	42	53	98	29	34	45	53	
LUMBIA	MO:	NA	NA	N A	NA	34	NA	NA	N A	N A	
DLUMBIA	sc:	30	45	58	79	138	35	50	63	79	1
LUMBUS	GA:	36	41	47	57	81	41	45	51	57	
DLUMBUS	OH:	136	175	238	288	471	159	193	258	288	36
DRPUS CHRISTA Allas	TX:	50	66	62	93	133	58	73	67	93	11
ALLAS ALLAS-FT WCRTH	TX:	207 NA	308	380	493	NA	242	339	412	493	١
NBURY	CT:	NA NA	N A N A	N A N A	N.A.	1,169	NA	NA	NA	NA	96
VENPORT-ROCK IS		59	69	96	NA 123	69 158	N A 6 9	N A 76	NA 104	NA 123	13
			u /	/0							

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

CNC+	:		(	CURRENT			:	DE	FLATED 2		
SMSA		1954	1958 :	1963 :	1967	: 1972	1954	1958 :	1963	1967	: 1972
	:			1112349		MILLION	DOLLARS				
	:				N A		NA	NΑ	NA	NA	11 1
	FL:	NA	NA	NA	NA	110			38	44	i
	IL:	27	35	35	44	53	32	38			
	C 0:	180	227	306	372	637	210	250	332	372	53
	IA:	57	75	88	115	157	66	83	96	115	12
ETROIT	MI:	835	1.013	1,113	1,460	2,370	973	1.113	1,208	1,460	1 , 7
UBUQUE	IA:	16	19	22	27	40	19	21	24	27	3
JLUTH-SUPERIOR	MN:	64	75	74	89	99	74	83	80	89	
JRHAM	NC:	20	25	32	59	NA	23	27	35	59	
. PASO	TX:	53	69	71	85	137	62	76	77	85	1:
MIRA	NY:	NA	NA	NA	NA	51	N A	NA	NA	NA	
RIE	PA:	52	63	71	83	119	61	69	77	83	
GENE-SPRINGFIEL		38	39	57	67	109	45	43	61	67	
	IN:	41	55	62	89	126	48	61	67	89	1
/ANSVILLE	MA:	26	32	39	43	67	31	35	42	43	-
LL RIVER			23	28	37	49	20	25	30	37	
RGO-MOORHEAD	ND:	17			40	60	NA NA	NA NA	NA	40	
YETTEVILLE	NC:	NA	N A	NA		67	N A	NA	NA	NA	
YETTEVILLE-SPRI		NA	NA	N A	NA						
TCHBURG-LEOMINS		NA	23	30	31	49	NA	25	32	31	
.INT .ORENCE	MI:	88 N A	101 NA	137 NA	181 NA	260 49	103 NA	111 NA	149 NA	181 NA	2
	:									0.05	
RT LAUDERCALE-H	FL:	46	95	149	205	418	53	104	161	205	3
RT MYERS	FL:	NA	NA	NA	NA	71	NA	N A	NA	NA	
ORT SMITH	AR:	17	20	37	49	73	19	22	40	49	
ORT WAYNE	IN:	35	60	72	100	156	41	66	78	100	1
RT WORTH	TX:	123	167	192	244	N.A	144	183	208	244	
RESNO	CA:	82	105	129	141	199	96	115	140	141	1
DSDEN	AL:		21	24	27	42	23	23	26	27	
INESVILLE	FL:		NA	NA	NA	60	NA	NA	NA	N A	
			44	48	61	81	34	48	52	61	
ALVESTON-TEXAS C ARY-HAMMONC-EAST			160	186	229	305	134	176	201	229	2
AND DADIDE	M 7 .	79	96	150	212	328	93	106	163	212	
PAND RAPIDS	MI:				28	35	17	21	29	28	
REAT FALLS	MT:		19	27				39	39	45	
REEN BAY	WI:		35	36	45	66	33				
REENSBORO-HIGH P	NC:		58	74	NA	NA	53	64	80	NA	
REENSBORO-WINSTO	NC:	N A	NA	NA	192	325	NA	NA	NA	192	
REENVILLE-SPARTA	SC:	39	49	77	97	235	45	54	84	97	
AMILTON-MICDLETO	0H:	37	49	58	65	99	44	54	62	65	
ARRISBURG	PA:		86	104	124	196	73	94	113	124	
ARTFORD	CT:		154	200	237	329	114	169	217	237	
DNOLULU	HI	73	106	135	175	281	85	117	146	175	
OUSTON	TX	-	383	446	656	1,076	319	421	484	656	
UNTINGTON-ASHLAN			66	73	88	138		72	79	88	
UNTSVILLE	AL		29	52	67	115		32	57	67	
NDIANAPOLIS	IN		180	269	361	482		198	292	361	
	MI		34	40	50	68		37	44	50	
ACKSON					81			53	63	81	
ACKSON	MS		48	58				130	155	174	
ACKSONVILLE	FL:		119	143	174					187	
ERSEY CITY	NJ		131	155	187			144	168		
OHNSTOWN Alamazgo-portage	PA		62 50	71 51	75 81			68 55	77 56	75 81	
ALAMALOV-FUNTAGE		:									
ANSAS CITY	MO		295	338	444			324	367	444	
ENOSHA	WI	: 19	22	33	36			24	36	36	
ILLEEN-TEMPLE	TX	: NA	N A	N A	NA			NA	NA	NA	
INGSPORT-BRISTOL	TN	: NA	NA	NA	NA	101		NA	NA	NA	
NOXVILLE	TN		88	105	129			97	114	129	
A CROSSE	WI		NA	NA	NA			NA	NA	N.A	
AFAYETTE	LA		14	18	32			15	20	32	
			NA	N A	39			NA	NA	39	
AFAYETTE-WEST LA								32	33	48	
.AKE CHARLES .AKELAND-WINTER H	LA		29	31 NA	48 NA			NA	NA	N A	
		: NA	NA			1.51		INA			

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

SMSA				CURRENT					EFLATED		
	:	1954	1958	1963 :	1967	: 1972	1954 :	1958	: 1963	: 1967	: 197
	:					MILLION	DOLLARS				
	. :										
ANCASTER	PA:	42	53	66	85	123	48	59	71	85	1
ANSING-EAST LANS		49	80	99	120	179	57	88	108	120	1
AREDO	TX:	11	12	14	23	42	13	14	16	23	
AS VEGAS	NV:	28	40	74	103	169	32	44	80	103	1
AWRENCE-HAVERHIL		23	50	64	78	124	27	55	70	78	1
AWTON	OK:	13	14	18	22	30	15	15	20	22	
EWISTON-AUBURN	ME:	NA	20	24	28	41	NA	22	26	28	
EXINGTON	KY:	24	33	45	60	125	27	36	48	60	1
I M A	0H:	22	29	30	54	86	26	32	32	54	
INCOLN	NE:	23	35	41	49	64	27	38	44	49	
ITTLE ROCK-NORTH	AR:	45	60	67	96	144	53	66	73	96	1
DNG BRANCH-ASBUR	NJ:	NA	NA	NA	NA	266	N.A.	NA	NA	NA	2
DRAIN-ELYRIA	OH:	41	52	60	82	112	48	57	65	82	
S ANGELES-LONG	CA:	1.383	1.842	2,177	2.559	3,278	1,611	2.024	2,361	2,559	2 ,6
UISVILLE	KY:	150	181	213	265	381	175	198	231	265	3
WELL	MA:	29	36	50	64	90	34	40	55	64	
BBOCK	TX:	31	39	53	51	82	36	43	58	51	
NCHBURG	VA:	20	25	34	45	66	23	28	37	45	
CON	GA:	32	39	51	68	103	37	42	55		
DISON	WI:	39	49	61	80	129	46	54	66	68 80	
NCHESTER	NH:	25	30	3.8	41	75	29	33	41	41	
NSFIELD	OH:	NA	NA	NA.	44	56	NA	NA NA		44	
ALLEN-PHARR-EDI		NA	- NA	N A	42				NA		
LBOURNE-TITUSVI	_	NA	NA NA			63	NA	NA	NA	42	
				N A	NA	112	NA	NA	NA	NA	
MPHIS	TN:	127	151	184	212	364	148	166	200	212	
RIDEN	CT:	11	14	14	21	26	13	15	15	21	
AMI	FL:	194	266	353	430		226	292	383	430	
DLAND	TX:	14	21	22	23		17	23	24	23	
LWAUKEE NNEAPOLIS-ST PA	WI:	214 270	303 356	364 441	452 514	597 785	250 314	333 391	394 478	452 514	4
0.71.5	:										
BILE	AL:	57	71	100	106	172	67	78	108	106	
DESTO	CA:	NA	NA	NA	NA	106	NA	NA	NA	N A	
NROE	LA:	16	20	25	35		19	22	27	35	
NTGOMERY	AL:	28	34	51	62	95	33	37	55	62	
INCIE	IN:	24	29	29	40	53	28	32	31	40	
SKEGON-MUSKEGON	MI:	36	42	52	63	99	42	46	57	63	
SHUA	NH:	NA	NA	NA	NA	62	NA	N A	NA	NA	
SHVILLE-DAVIDSO	TN:	80	119	137	201	345	93	131	149	201	
SSAU-SUFFOLK	NY:	NA	NA	NA	NA	1,421	NA	NA	NA	N A	
W BEDFORD	MA:	35	38	45	47	67	40	42	49	47	
W BRITAIN	CT:	37	35	4 0	43	68	43	39	43	43	
W BRUNSWICK-PER	NJ:	NA	N A	NA	NA		NA	NA	NA	NA	
W HAVEN-WEST HA		66	84	112	125		76	92	122	125	
W LONDON-NORWIC		NA	NA	59	61		NA	NA	64	61	
W ORLEANS	LA:	136	240	267	386		158	264	289		
W YORK		1,982	2,640	3,096	3,658		2,310	2,901	3,358		
WARK	NJ:	357	441	497	652		416	485	539		
WPORT NEWS-HAMP			51	62	80		45				
RFOLK-VIRGINIA	VA:		144	152	191			56	67	_	
RTHEAST PENNSYL		NA	NA	NA	NA		126 NA	159 NA	165 NA		
DRWALK	:	N A									
DESSA	CT: TX:	NA 19	NA 30	4 0 3 0	53		N A	NA 77	43		
DEN					33		23	33	33		
	UT:	23	29	36	D		26	31	39		
CLAHOMA CITY	OK:	89	125	171	207		104	137	186		
AHA	NE:	89	113	133	173		104	125	145		
RLANDO	FL:	41	74	113	128		47	82	122		
ENSBORO	KY:	NA	NA	NA	NA		NA	NA	NA		
XNARD-SIMI VALLE		NA	NA	NA	118	186	NA	NA	NA		
ARKERSBURG-MARIE		NA	NA	N A	NA	76	NA	NA	NA		
TERSON-CLIFTON	NJ:	241	303	386	502	216	281	333			

			·	CURRENT			:		FLATED	2/	
SMSA		1054	4 1050	. 1063	1067		: 1954 :		1963	: 1967	• 1972
	:	1954	: 1328	1963			. 1734 .			. 1707	. 17/2
	:										
						MILLION	DOLLARS				
	:										
PENSACOLA	FL:	31	44	5 4	66	109	37	48	58	66	90
	IL:	60	75	94	125	158	70	82	102	125	130
PETERSBURG-COLONI		NA	NA	NA	NA	61	NA	NA	NA	NA	50
	PA:		1.000	1,198	1,503	2.131	939	1,098	1,300	1.503	1,752
	AZ:		155	229 20	327 28	568 38	125 - 19	170 18	248 22	327 28	31
	AR: PA:		16 630	675	789	937	598	692	732	789	771
	MA:		23	30	34	48	22	25	32	34	39
PORTLAND	ME:		42	54	70	105	39	46	59	70	86
PORTLAND	OR:		241	245	326	593	226	265	266	326	488
	:										
POUGHKEEPSIE	NY:	NA	N A	■ N.A	NA	125	NA	NA	NA	NA	103
PROVIDENCE-WARWIC	RI:	155	201	243	287	380	181	221	263	287	312
PROVO-OREM	UT:		20	26	32	47	18	22	28	32	39
PUEBLO	co:		28	33	38	54	28	31	35	38	45
RACINE	MI:		42	41	57	76	30	47	44	57	63
RALEIGH	NC:			51	65	NA	31	45	55	65 NA	NA 176
RALEIGH-DURHAM	NC:			N A	NA 77	214	N A 6 3	NA 62	NA 77	77	101
READING	PA: NV:			71 45	77 53	123 85	18	31	49	53	70
RENO RICHLAND-KINNEWIC			NA	NA	NA.	47	NA.	NA I	N A		38
KICHLAND-KINNEWIC	***		147	1414	***		140	""			• • • • • • • • • • • • • • • • • • • •
RICHMOND	VA:		112	128	187	273	95	123	139	187	224
RIVERSIDE-SAN BER				285	373	551	164	251	310	373	453
ROANOKE	VA:	29	40	49	63	107	34	44	53	63	88
ROCHESTER	MNS	N A	NA	NA	NA	28	NA	N A	NA	NA	23
ROCHESTER	NY:			237	315	480	143	170	257	315	395
ROCKFORD	IL:			75	97	126	44	62	81	97	104
SACRAMENTO	CA:			244	290	427	115	152	265	290	352
SAGINAN	MI			57	71	110	39	50	62 NA	71 NA	91 38
ST CLOUD	MN			N A	NA 7.0	47	NA 26	NA 29	31	32	37
ST JOSEPH	MO		26	29	32	77	20	27	31	32	3,
ST LOUIS	MO		553	644	782	1.043	515	607	699	782	858
SALEM	OR:			N A	60	95	NA	NA	NA	6.0	78
SALINAS-SEASIDE-M	CAS	. NA	NA	NA	70	113	NA	NA	N A	70	93
SALT LAKE CITY	UT	70	96	140	161	N A	82	106	152	161	NA
SALT LAKE CITY-OG				NA	NA	311	NA	NA	NA	N A	255
SAN ANGELO	TX:			20	24	36	21	20	22	24	29
SAN ANTONIO	TX			173	218	357	137	176	188	218	294
SAN DIEGO	CA			277	388	602	194	270	300 1,049	388 1•175	495 1,299
SAN FRANCISCO-OAK SAN JOSE				967 248	1,175 356	1,580 575	697 122	845 179	269	356	473
SAN JUSE	CA	105	163	240	336	313	122	117	207	330	413
SANTA BARBARA-SAN	CA	30	40	72	83	122	35	44	78	83	101
SANTA CRUZ	CA			N A	NA	77	NA	NA	NA	N A	63
SANTA ROSA	CA			N A	NA	126	NA.	NA.	N A	NA	103
SARASOTA	ĒL	: 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		65	83	NA		76	71	83	NA
SEATTLE-EVERETT	WA			392	516	717		367	425	516	590
SHERMAN-DENISON	TX			N A	30	35		NA	NA	30	29
SHREVEPORT	LA			75	91	152		71	81		125
SIOUX CITY	IA		30	39	43	51	30	33	43	43	42
SIOUX FALLS	SD	: 16	5 22	24	28	39	19	24	26	28	32
SOUTH BEND	IN				95	119		62	82		98
SPOKANE	WA			82	96	132		91	89	96	108
SPRINGFIELD	IL			46	57	83		50	49		68
SPRINGFIELD	MO			35	48	78		33	38		64
SPRINGFIELD	OH			38	53	78		36	42		64
SPRINGFIELD-CHICO				155	178	211		138	168		
STAMFORD	CT				92	125		67	82		
STEUBENVILLE-WEIR					54	72		45	53		
STOCKTON	ÇA		0 62	82	104	128	58	68	89	104	106
		:									

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

PMC 4			100		(	CURRENT	r				:		D	EF	FLATED	2	/		
SMSA		1954	: :	1958	:	1963	:	1967	:	1972		1954	1958	:	1963	:	1967	:	1972
											<b>P</b>		 					-	
	- :																		
										MILLION	1	DOLLARS							
SYRACUSE	NY:			147		184		222		308		108	161		199		222		25
TACOMA	WA:			81		82		121		155		72	89		88		121		12
TALLAHASSEE	FL:			N A		N A		24		59		NA	NA		NA		24		4
TAMPA-ST PETERSBU				191		249		299		582		138	210		271		299		47
TERRE HAUTE	IN:			27		4.8		55		75		26	30		52		55		6
TEXARKA NA	TX:			23		26		33		53		20	25		28		33		4
roledo	0H:	105		133		191		239		356		122	146		207		239		29
TOPEKA	KS:	30		39		43		50		77		34	42		46		50		6
TRENTON	NJ:	58		72		78		162		152		67	79		85		102		12
TUCSON	AZ:	48		66		8 4		112		199		56	73		91		112		16
	. :																		
TULSA	0K:	67		108		127		166		272		78	119		137		166		22
TUSCALOOSA	AL:	15		21		28		35		54		18	24		31		35		4
	TX:			27		30		31		47		22	30		33		31		3
JTICA-ROME	NY:			81		99		117		138		81	89		107		117		11
ALLEJO-FAIRFIELD				NA		58		78		113		NA	NA		63		78		- 19
INELAND-MILLVILL				NA		N A		47		66		NA	NA		- NA		47		5
ACO	TX:			38		42		50		72		38	41		46		50		5
ASHINGTON	DC:			563		682		941		1,367		497	619						_
WATERBURY	CT:			47		63		76		98		50			740		941		1+12
WATERLOO-CECAR FA				32		33		43					52		69		76		8
MATEREOU-CELAR PA	IA.	24		36		33		43		56		28	35		36		43		4
WEST PALM BEACH-B	E1 :	40		68		94		126		077			3.0						
WHEELING	WV:									233		46	75		102		126		19
				51		56		64		87		NA	56		60		64		7
HEELING-STEUBENV				NA		NA		NA		NA		93	NA		NA		N A		N
WICHITA	KS:			98		109		132		163		84	107		119		132		13
WICHITA FALLS	TX:			29		32		36		46		29	32		35		36		3
WILKES BARRE-HAZL				89		95		113		NA		88	98		103		113		N
WILLIAMSPORT	PA:			NA		N A		NA		51		NA	NA		NA		NΑ		4
WILMINGTON	DE:			96		133		159		252		82	105		144		159		20
WILMINGTON	NC:			NA		N A		34		63		NΑ	NA		NA		34		5
WINSTON SALEM	NC:	31		40		54		NA		NA		36	44		58		NA		N
	:																		
WORCESTER	MA:			78		102		123		175		76	86		111		123		14
YAKIMA	WA:	NA		NA		N A		NA		76		NA	NA		N A		NA		6
YORK	PA:	41		50		73		94		137		48	55		80		94		11
YOUNGSTOWN-WARREN	OH:	137		125		140		177		224		160	137		152		177		18
MEAN, UNWEIGHTED	:	106		137		164		198		261		123	150		178		198		21
STANDARD CEVIAT	ON:			275		322		382		458		247	302		349		382		37
								-36					001				002		31
										MI	E ME	BER							
										140	e ( )	J _ I							
NUMBER OF SMSA S		212		215		218		229		263		212	215		218		229		26
TOTAL OF OHOR O	•	-12		223		E T 0		227		203		616	513		210		267		46

<sup>1/ &</sup>quot;NA" DENOTES THAT CATA 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/

		GRO	CERY	STORE	S	:			SALES P				
SMSA							CUR	RENT		:	DEFLAT		
	:					-			: 1972	•			
	:				101				1		1.6		
	:	-	- NUM	BER -	-				- 1,000	DOLLAR	S		
PILENE	TX:	12	15	18	13	853	1.071	945	1,778	994	1,177	1,025	1,46
KRON	0H:	51	52	76	144	966	1,509	1.404	1.152	1,126	1,658	1,522	94
	GA:	8	6	6	6	763	1.144	1,590	3,081	889	1,257	1,725	2,53
LBANY-SCHENECTAD		57	79	75	95	941	1.086	1,307	2,138	1,096	1,193	1,418	1,75
LBUQUERQUE	NM:	20	26	33	42	1.061	1.493	1,488	2,301	1,237	1,640	1,614	1,89
	LA:	NA	NA	NA	9	NA	NA	NA	2,727	NA	NA	NA	2,2
LLENTOWN-BETHLEH		60	52	51	52	773	1,225	1,464	2,185	901	1,346	1.588	1.79
	PA:	22	20	21	22	828	949	1,176	1,468	965	1.043	1,276	1.2
	TX:	22	26	25	23	776	945	1,056	2,035	905	1,038	1,146	1,6
NAPEIM-SANTA ANA		28	42	58	94	1,205	1,861	2,218	3,407	1,405	2,045	2,406	2.8
WALCTH-SHILL HIN		20	72	36	24	14203	14001	24210	34401	14403	29043	24100	2901
NCHORAGE	AK:	NA	NA	N A	10	NA	NA	NA	5,351	NA	NA	NA	4 9 4 1
	IN:	5	8	9	15	2,120	1,727	1,964	2,630	2,471	1,898	2+131	2 • 1 (
NN ARBOR	MI:	18	15	20	22	1.114	1,680	1,745	3,927	1,298	1.847	1,893	3 . 2
PPLETON-OSHKOSH		NA	NA	N A	13	NA	N.A.	NA	2,250	NA	NA	NA	1.8
SHEVILLE	NC:	14	16	17	33	D	1,292	1,527	1,732	D	1,419	1,656	1 +42
TLANTA	GA:	98	124	153	203	1,007	1.082	1,262	1,954	1+174	1:189	1,369	1.6
	NJ:	26	19	18	21	812	1,464	1,724	2,812	947	1,609	1,870	2 . 3
	GA:	19	25	24	26	1,287	912	1,234	2,067	1,500	1.002	1.338	1,6
USTIN	TX:	20	27	24	28	815	827	1,084	3,095	950	909	1.176	2,5
BAKERSFIELD	CA:	18	21	22	24	1,159	1,249	1,510	2,503	1,350	1,372	1,638	2,0
BALTIMORE	MD:	132	129	154	146	1,121	1 • 603	1,621	3,614	1,307	1.762	1,758	2.9
	LA:	21	18	26	35	920	1.887	1,626	2.602	1.073	2.074	1,763	2.1
	MI:	NA	NA	NA	15	NA	NA	NA	3,109	NA	NA	NA	2,5
BAY CITY	MI:	6	7	6	11	1,332	1,803	2,689	3+389	1,553	1,981	2,916	2.7
BEAUMONT-PORT ART		12	16	18	18	1,806	2,403	2,281	3,286	2,105	2,640	2,474	2.7
ILLINGS	MT:		7	9	10	1,227	1,532	1,537	2,165	1,430	1,684	1,667	1.7
BILOXI-GULFPORT	MS:	-	NA	NA	22	NA	NA	NA NA	1,622	NA	NA	NA	1.3
BINGHAMTON	NY:	36	27	44	41	720	1,110	1,101	1,598	839	1,220	1,194	1,3
BIRMINGHAM	AL:		64	61	74	662	1,080	1,195	2,288	771	1,187	1,296	1.8
BLOOMINGTON-NORMA			NA	N.A	8	NA.	NA NA	NA	2,830	NA	NA	NA	2,3
-	:	344	_							102			
BOISE CITY	ID:		8	18	15	1,076	1,486	1.015	2,451	1,254	1.633	1.101	2.0
BOSTON	MA:		295	259	189	938	1,126	1,613	3,435	1,093	1,237	1,750	2 . 8
BRIDGEPORT	CT:	26	29	34	31	D	1,797	1,860	2,845	D	1,974	2,017	2,3
BRISTOL	CT:	N A	NA	NA	5	N.A	NA	NA	3,426	NA	N A	NA	2,8
BROCKTON	MA:	20	16	18	16	813	1,538	1,780	3,319	947	1,690	1,931	2,7
BROWNSVILLE-HARLI	TX:	7	9	12	11	1.081	1,021	986	2,689	1,260	1,122	1,070	2 • 2
BRYAN-COLLEGE STA	TX:	NA	NA	N.A	6	N A	NA	NA	3,136	N A	NA	NA	2,5
BUFFALO	NY:	147	137	126	114	1,061	1,399	1,380	1,875	1,236	1.537	1,497	1,5
BURLINGTON	NC:	NA	NA	NA	18	N A	NA	NA	1,481	N A	NA	NA	1,2
CANTON	OH:		21	22	22	1,293	1 .564	1,537	2,513	1,507	1,719	1,667	2,0
CEDAR RAPIDS	IA:	10	13	20	22	1,150	1,731	1.341	2,627	1,341	1,902	1.455	2.1
CHAMPAIGN-URBANA-			14	12	15	863	1,285	1,568		1,006	1,412	1,700	2,0
			17	17	14	1.062		1,099		1,238			
CHARLESTON Charleston	MA:		23	24	27	1,158	1,823	1,698		1.350	1,033	1,842	2 • 0
CHARLOTTE-GASTONI			30	38	76	1,052		1,477		1,226		1,602	1,4
CHATTANOOGA	TN:		43	34	41	461	724			537	1,427	1,208	1.7
				-				1,113			795	1.533	-
CHICAGO	IL:		682	714	587	954	1 + 246	1,413		1,112	1,369		2 • 4
CINCINNATI	0H:		98	114	90	943	1 470	1,583		1,099	1,615	1,717	2,5
CLEVELAND COLORADO SPRINGS	OH:		178 19	209 19	326 52	1,033	1,422 1,087	1,537 1,531		1,204	1,563	1,667	1 • 2
COLUMBIA	MO:		NA	NA	- 5	N A	NA	NA		N A	NA	N.A	2 • 5
COLUMBIA	sc:		23	24	32	619	938	1,249		721	1.031	1,354	1 • 5
COLUMBUS	GA:		20	16	16	563		1,099		656	931		1,3
COLUMBUS	0Н:		58	78	85	1,310	1,720	1,620		1,526	1,891	1,757	2+3
CORPUS CHRISTI	TX:		34	34	29	926	1,011	975		1,079	1,112	1,057	2,0
DALLAS	TX:		108	134	NA	1:411	1,343	1,296	NA.	1,644	1,476	1,406	
DALLAS-FT WORTH	TX:		NA	N A	279	N A			1.954		NA.		

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

		GRO	CERY	STORE	S	:			SALES P				
SMSA							CUR	RENT		:	DEFLAT		
	:	1954:				-	: 1958	: 1963	: 1972	: 1954	: 1958		
	:												
	:	*	- NUM	BER -	-				- 1,000	DOLLAR	s		
ANBURY	CT:	NA	NA	N A	8	N A	NA 1	NA 1	4,741	NA	NA	NA	3,89
AVENPORT-ROCK IS AYTON		30	30	41	33	994	1,275	1,265	3,217	1.158	1.401	1,372	2,64
AYTONA BEACH	OH:	57 NA	60 NA	64 NA	63 50	1,015 NA	1,324 NA	1,501 NA	2,423	NA	1 • 454 NA	1,628 NA	1,99
ECATUR	IL:	9	10	12	12	1,627	2,238	1.852	3,249	1,896	2,459	2,009	2,6
ENVER-BOULDER	co:		96	109	122	1,405	1.584	1.975	4.207	1.638	1.741	2.142	3.4
ES MOINES	IA:		24	23	28	834	1.303	1,302	3,898	973	1,432	1.412	3,2
ETROIT	MI:		278	337	228	1,311	1,820	1,721	4,517	1,528	2.000	1,866	3,7
JBUQUE	IA:	7	7	12	8	1.022	1,502	1,209	3,467	1,191	1,650	1,311	2,8
JLUTH-SUPERIOR	MN:	26	24	21	22	690	1.044	1,219	1,943	805	1,147	1,322	1,5
JRHAM	NC:	15	12	15	NA	657	1.159	1,374	NA	766	1,274	1,490	
_ PASO	TX:	_	31	54	47	929	1,188	699	1,578	1,083	1,305	759	1,2
MIRA	NY:		NA	NA	13	NA	NA	NA	1.825	NA	NA	NA	1,5
RIE	PA:		31	29	28	1,129	1,177	1,201	1,867	1,316	1,293	1,302	1,5
UGENE-SPRINGFIEL	OR:	18	24	27	24	832	898	1,359	2,121	969	987	1,474	1.7
VANSVILLE	IN:	15	21	17	18	1,156	1 +154	1,552	2,888	1,347	1,268	1,683	2,3
ALL RIVER	MA:	13	11	12	14	1.094	1,598	1.810	2,757	1,275	1.756	1,963	2,2
ARGO-MOORHEAD	ND:		6	9	11	659	1,695	1,541	2 + 3 9 3	768	1,862	1,671	1,99
YETTEVILLE	NC:		NA	NA	28	NA	NA	NA	1,044	N.A	NA	N A	8
YETTEVILLE-SPRI	AR:	NA	NA	NA	15	NA	NA	NA	1,886	NA	NA	NA	1 • 5
TCHBURG-LEOMINS	MA:	N A	7	6	5	NA	1.375	1.850	4.320	NA	1.511	2,007	3 • 5
INT	MI:		33	41	35	1,368	1,641	1,772	3,377	1.594	1,803	1,922	2,7
ORENCE	AL:		NA	NA	12	NA	NA.	NA	1,677	NA	NA.	NA	1.3
ORT LAUDERDALE-H	FL:	21	40	51	87	1,567	1,675	1,911	3,336	1,826	1 . 841	2,073	2 . 7
MYERS	FL:	NA.	NA	NA	16	N A	NA	- NA	2,770	NA	NA.	NA	2 , 2
T SMITH	AR:	6	7	6	14	1,079	1 • 355	2,133	2,053	1,257	1 • 489	2,314	196
T WAYNE	IN:	_	18	17	29	1,295	2,031	2,228	3,039	1,509	2,232	2,417	2,4
T WORTH	TX:		69	54	NA	1,304	1,121	1.318	NA O O O O	1,520	1,232	1,429	
RESNO Adsden	CA:		27 10	21 10	26 9	746 991	1 • 0 7 3 9 3 3	1,444 899	2,079 2,100	870 1,156	1.179	1,566 975	1,7
ADSDER	N.L.		10	10	,	221	,,,,	677	24100	14170	1 4020	713	14
AINESVILLE	FL	N A	NA	NA	36	NA	NA	NA	1,024	NA	NA	NA	8
ALVESTON-TEXAS C			10	10	17	878	1,500	1,926	2,109	1.023	1,648	2,089	1 . 7
ARY-HAMMOND-EAST		_	45	39	35	1,063	1,221	1,395	3,121	1,239	1,342	1,513	2 •
RAND RAPIDS	MI:		38	45	27	999	1,135	1,468	8,240	1,165	1,247	1,592	6 9
REAT FALLS			11	14	10	1,035	1,108	1,434	2,386	1,207	1,217	1,556	1 95
REEN BAY REENSBORO-HIGH P	WII		18 23	20 30	23 NA	985 949	988 1,165	1,021	1,940 NA	1,106	1.085	1,107	1,
REENSBORO-WINSTO			NA	N A	67	NA.	NA	NA	1,769	NA	NA	NA NA	1,4
REENVILLE-SPARTA			22	24	61	908	1,286	1.786	2,442	1,058	1.413	1,937	2.1
AMILTON-MIDDLETO			17	18	20	1,171	1,595	1,612	2.564	1,364	1,753	1,749	2,
	:												
ARRISBURG	PA:		33	40	40	707	1.246	1,324	2,502	824	1,369	1,436	2 •
ARTFORD	CT		54	68	57	D 150	1,383	1,426	2,363	D 516	1,519	1,546	1 9
ONOLULU OUST <b>o</b> n	HI:			24 86	145	1,796	1 • 823 2 • 118	2 • 4 9 0 1 • 8 2 2		2,516		2,701	2,
UNTINGTON-ASHLAN				18	15	1,263	1,834	1,575		1,472			2 9
UNTSVILLE	AL:			11	29	828	1,253	2,377	1,934	965	1,377	2,578	1,5
NDIANAPOLIS	IN		80	105	131	1,149	1,249	1,535	1,942	1,339	1,373	1,665	1,5
ACKSON	MI		12	13	15		1,513	1,635		1,121	1,662	1,773	2,
ACKSON	MS	20	20	28	34	846	1,178	1,152	2.086	986	1,295	1,249	1.
ACKSONVILLE	FL	36	58	67	79	1,440	1,283	1,310	1,997	1,678	1,410	1,420	1,0
ERSEY CITY	NJ	66	62	57	33	986	1,103	1,201	2,746	1,149	1,212	1,303	2 •
OHNSTOWN	PA			41	36	D	1,053	980	1,524	19145	1,157	1,063	
ALAMAZOO-PCRTAGE				29	30	875	1,006	1,004		1,020	1,106	1,089	2,
ANSAS CITY	MO			119	129	1,047		1,397		1,220	1,368	1,515	1,
ENOSHA	WI			10	12	956	1,386	1,444		1,114	1,523	1,566	1 9
ILLEEN-TEMPLE	TX:			NA	14	NA	NA.	NA		NA	NA	NA	1,
INGSPORT-BRISTOL	TN:	NA.	NA	NA	20	NA	NA	NA	1,801	N A	NA	NA	

		GRO	CERY	STORE	s	:			SALES P				
SMSA	:					:	CUR	RENT		: :	DEFLAT	ED 2/	
	_					-			: 1972				
	:		- NUN	ßER ←	_				- 1,000	DOLLAR	s		
NOXVILLE	TN:		46	47	55	801	1,067	1,344	1.895	933	1,172	1,458	1,5
A CROSSE	WI:		NA	NA	- 6	NA	NA	NA	2,696	N A	NA	NA	2,2
AFAYETTE	LA:		6	10	11	1,060	1,194	1,009	2,011	1,235	1+312	1,095	1,6
AFAYETTE-WEST LA			NA	NA	9	NA	NA	NA	3,924	NA	NA	NA	3,2
AKE CHARLES	LA:		8	9	21	1,331	1,648	1,423	1,417	1,551	1,811	1,543	1,1
KELAND-WINTER H	FL:	NA	NA	NA	29	NA	NA	NA	2,606	NA	N.A	NA	2 • 1
INCASTER	PA:	22	23	23	23	803	1,059	1,375	2,456	936	1,163	1,492	2 , 0
ANSING-EAST LANS			33	32	18	1.032	874	996	4,249	1,203	960	1,081	3 , 4
AREDO	TX:		4	5	11	764	1,508	1,289	2,151	890	1 • 657	1,398	1.7
S VEGAS	NV:	6	9	11	21	2,130	2,078	3,559	4,634	2,482	2,283	3,860	3 , 8
WRENCE-HAVERHIL	MA:		18	17	19	760	1,287	1,624	3,636	885	1,414	1,762	2,9
WTON	OK:		6	10	10	1,188	1 + 114	922	1,792	1,385	1 • 224	1,000	1 • 4
WISTON-AUBURN	ME:		6	5	9	NA 1.107	1,051	1.560	2,720	NA 1 201	1,155	1,692	2 • 2
XINGTON	KY:		11	15	33	1.594	1,651	1.820	2 • 285	1,291	1,814	1,974	1 . 8
MA NCOLN	OH:		11	15 17	21 15	1,594	1,379	1,435	2,126	1,858	1,515	1,557	197
TTLE ROCK-NORTH			28	26	42	833	1 + 3 6 3	1,428	2,437	970	1,498 D		2 • 0
NG BRANCH-ASBUR			NA.	NA	42	NA.	NA	NA NA	3,382	NA	NA.	1,548 NA	2,7
RAIN-ELYRIA	OH:		22	22	19	964	1 +294	1,467	2,505	1,124	1,422	1,592	2.1
S ANGELES-LONG	CA:		250	283	286	1,396	1.811	2,333	4.081	1,627	1,990	2,530	3.3
UISVILLE	KY:	66	69	83	84	1,163	1.509	1,547	2,486	1,355	1 • 659	1.678	2,1
WELL	MA:		13	7	18	724	1,080	2,673	3,567	844	1 187	2,899	2,9
ВВОСК	TX:		17	22	32	951	1,371	1.516	1,772	1,109	1,507	1,644	1,
NCHBURG	VA:	11	- 8	12	13	700	1,241	1,148	2,071	816	1,364	1,245	1.
CON	GA:	18	23	19	25	672	723	1,274	2,076	783	794	1,382	1,
DISON	WI:	19	18	17	30	861	1,171	1,458	2,036	1,003	1,286	1,581	1,0
NCHESTER	NH:	14	9	8	8	732	1,537	2,060	3,135	853	1,689	2,235	2 , 5
NSFIELD	OH:	N A	N.A.	N A	5	NA	NA	NA.	5,733	NA	NA	NA	4 9
CALLEN-PHARR-EDI			NA	N A	16	NA	NA	NA	1,639	NA	NA	NA	1 .
LBOURNE-TITUSVI	FL:		NA	NA	40	NA	NA	NA	2,207	NA	NA	NA	1 9
MPHIS	TN:	23	37	31	91	1,272	1,336	1,717	1,656	1,483	1,468	1,863	1,
RIDEN	CT:		5	5	5	893	1,647	1,859	3,531	1,041	1,809	2,016	2 •
IMAI	FL:		98	115	153	1,679	1,699	1,635	2,778	1,957	1,867	1,774	2 .
DLAND	TX:		9	9	9	921	1+144	1,385		1,073	1,258	1,503	19
LWAUKEE	WI:		106	117	127	1.074	1,335	1,241	2,699	1,252	1,467	1,346	2 ,
NNEAPOLIS-ST PA			129	112	116	932	1,061	1,547		1,086	1,166	1,678	2,
OBILE ODESTO	CA:		30 NA	39 NA	35 18	1,090 NA	1.139 NA	1,182		1,270	1,252	1,282	1,0
NROE	LA:		12	22	45	879	657	NA 623	2,506 706	NA 1.025	NA 722	NA 676	2 ,
NTGOMERY	AL		19	25	37	1.288	1,102	1.086		1,501	1,211	1+178	1,
INCIE	IN	8	14	7	18	1.172	1.247	1,834	2,008	1,366	1,371	1,989	1.
SKEGON-MUSKEGON			18	17	11	898	1,100	1,527		1,046	1,209	1,656	
SHUA	NH			NA	5	NA	NA	NA		NA	NA	NA	-
SHVILLE-DAVIDSO			56	62	70	630	1,258	1,155		734	1,383	1,253	1,
SSAU-SUFFOLK	NY		NA	NA	191	NA	NA	NA		NA	NA	NA	2,
W BEDFORD	MA	13	15	12	15	1,025	1,108	1,522		1,195	1,218	1,651	2.
W BRITAIN	CT	18	9	10	8	1,069	1,826	2,005		1,246	2,007	2,174	3,
W BRUNSWICK-PER			NA	N A	29	NA	NA	NA		N A	N A	NA	3,
W HAVEN-WEST HA			30	36	30	1,007	1,228	1,505		1,174	1,350	1,632	2 9
W LONDON-KORWIC	CT		NA	22	27	NA	NA	1,446	2,281	NA	NA	1,568	1,
W ORLEANS	LA	21	43	58	80	2,324		2,393		2,709		2,595	3,
W YORK	NY:		809	915	512	1.048				1,222		1,266	1 9
WARK	NJ		166	146	145	952		1,371		1,110	1,400		
SUPORT NEWS-HAMP			24	31	46	1,152		1,195		1,343		1,296	1 :
ORFOLK-VIRGINIA	VA		47		89	1,072		1,323		1,249		1 + 434	1,
DRTHEAST PENNSYL				NA	83	NA		NA		NA		NA	1,
ORWALK	CT	: NA	NA	16	10	NA	NA	1,624	3,817	NA	NA	1,761	3 9

TABLE 39--NUMBER OF GROCERY STORES AND SALES PER STORE OF THE FOUR LARGEST GROCERY FIRMS.

SMSA\*S. CENSUS YEARS 1954-72 1/--CONTINUED

	:	CDO	CEDY	STORES		:			SALES P				
SMSA	:						CUR	RENT		:	DEFLAT	ED 2/	
						-			: 1972	-			
	:	-	- NUM	BER -		,			- 1,000	DOLLAR	s <b></b>		
DDESSA	TX:	8	12	13	13	1,223	1,232	1,212	1,578	1,425	1,353	1,314	1,29
DGDEN	UT:		13	12	NA	733	1,353	1.812	NA	855	1,487	1,965	N
OKLAHOMA CITY	OK: NE:	35 44	40 56	47	72 57	1,030	1.251	1,466	1.713	1,201	1,374	1,590	1,40
DMAHA Drlando	FL:	24	31	51 47	58	789 1,071	912 1•499	1,398	2,442	920	1,002	1,517	2,00
DWENSBORO	KY:	NA	NA	NA	7	NA	NA	NA	2,956	NA	NA	NA	2.43
XNARD-SIMI VALLE		NA	NA	NA	28	NA	NA	NA	3,074	NA	NA	N A	2,52
ARKERSBURG-MARIE		NA	NA	NA	14	NA	NA	NA	2,282	NA	NA	NA	1.87
ATERSON-CLIFTON	NJ:	128	123	126	32	1,208	1,494	1,491	3,148	1,408	1 +642	1,618	2,58
PENSACOLA	FL:	9	13	20	22	1,304	1,675	1,153	2,010	1,520	1,840	1,251	1,65
EORIA	IL:	26	28	31	25	883	1,226	1,148	2,315	1,029	1,348	1,245	1,96
ETERSBURG-COLONI		NA	NA	NA	14	NA	NA	NA	2,172	NA	NA	NA	1,78
PHILADELPHIA	PA:		360	400	381	863	1 + 675	1,818	3 • 0 2 3	1,005	1,841	1,971	2,48
PHOENIX	AZ:		46	70	80	1,135	1,551	1.523	3,396	1,323	1,705	1.652	2,7
PINE BLUFF	AR: PA:		8 230	6	12 221	936	1,003	1,463	1,837	1,091	1,102	1,587	1,5
PITTSBURGH PITTSFIELD	MA:		10	221 10	6	1,100	1,458	1,579 2,060	1,839	1,282	1,603	1.713	1,5
ORTLAND	ME:		17	20	16	849	1,008	1,193	3,283	990	1,107	1,294	2.7
PORTLAND	OR:		79	83	93	1,242	1,314	1,043	3,425	1,447	1,444	1.131	2,8
OUGHKEEPSIE	NY:		NA	NA	39	NA	NA	NA	2,338	NA	NA	NA	1,9
ROVIDENCE-WARWIC			93	92	67	657	1,059	1,343	3+353	765	1,164	1,457	2,7
ROVO-OREM	UT:	_	9	12	12	805	891	1,060	2,010	938	979	1,150	1,6
UEBLO	CO:		10	13	13	1,011	1 • 519	1.553	2 + 944	1,179	1,669	1,684	2 • 4
RACINE	WI:		11 15	14 22	14 NA	820 806	1.977	1.539 1.353	2 . 8 2 2 NA	955 940	2,172	1,669	2,3
RALEIGH-DURHAM	NC:		NA	NA	63	NA	NA NA	NA	2,155	NA	NA	1,467 NA	19.7
READING	PA:		39	27	21	538	646	1,260	2,487	627	710	1,367	2.0
RENO	NV:	6	11	12	15	1,256	1,373	2,451	3,402	1,464	1,509	2,659	297
RICHLAND-KINNEWIC	WA:	NA	NA	NA	14	NA	NA	*NA	1,907	NA	N A	N A	1,5
RICHMOND	VA:	47	46	57	51	874	1,168	1,124	2,418	1,019	1,283	1.219	1,9
RIVERSIDE-SAN BER	CA:	31	42	54	85	1,353	2.019	2,014	2,950	1,577	2,218	2,184	2,4
ROANOKE	VA:	16	19	21	20	1,064	1,333	1,545	3,358	1,240	1,465	1,676	2.7
ROCHESTER	MN:		NA	NA	8	N A	NA	NA	2,693	NA	NA	NA	2 , 2
ROCHESTER	NY:		98	118	99	653	1,034	1,116	2 + 875	762	1,137	1,210	2 • 3
ROCKFORD	IL:		21	25	20	918	1,365	1,226	3,198	1.070	1,500	1,330	2,6
SACRAMENTO Saginaw	CA:		50 8	72 14	61	1,036	1,228	1,229	3,397	1.207	1,350	1,333	2,7
ST CLOUD	MN:		NA.	N A	7	NA	2 • 105 NA	1,899 NA	3,380 2,700	1,658 NA	2,313 NA	2,060 NA	2,7
ST JOSEPH	MO:		11	12	13	962	1.091	1,240	1,753	1,121	1,199	1,345	1 , 4
T LOUIS	MO		157	173	180	1,013	1,502	1,599	2,677	1,181	1,651	1,734	2,2
ALEM	OR:		NA	NA	18	- NA	N A	NA	2,826	N.A	NA	NA	2+3
ALINAS-SEASIDE-M			NA	NA	14	NA D.7.6	NA 1 . 0.71	NA 1.010	3,836	NA 1 001	NA 1 177	NA FOO	3 + 1
SALT LAKE CITY SALT LAKE CITY-OG	UTS		38	5 O	73	876	1+071	1,410	NA 2.517	1,021	1,177	1,529	2.0
SAN ANGELO	TX		NA 11	NA 9	73 10	NA 977	NA 1,098	NA 1,330	2,517	NA 1,139	NA 1,207	NA 1,442	2,0
SAN ANTONIO	TX:		58	68	136	840	1,323	1,384		979	1,454		1.1
SAN DIEGO	CA		53	83	104	1,222	1,881	1,750	3,200	1,425	2.067		2 • 6
SAN FRANCISCO-OAK			198	185	217	811	1,111	1,727		945	1,221	1,873	2,8
SAN JOSE	CA:		36	56	84	1.027	1,390	1,502		1,196	1,528	1.629	2,5
SANTA BARBARA-SAN	CA		14	21	32	832	1,318	1,809	2,370	970	1,449	1,962	1,9
SANTA CRUZ	CA		NA	NA	10	NA	NA	NA	3,816	NA	NA	N A	3 , 1
SANTA ROSA	CAS		NA	NA	19	NA	NA	NA NA	3,415	NA	NA	NA:	2,8
SARASOTA	FL	NA.	NA	NA	18	NA	NA	NA	3,304	NA	NA	NA	2.7
SAVANNAH	GA:		10	10	13	896	1 • 258	1,629		1,044	1,383	1,767	2 . 4
SCRANTON	PA		35	28	NA	542	936	1,182		631	1,028	1.282	
SEATTLE-EVERETT	WAS		106	118	138	1,136	1,210	1,365		1,324	1,330	1,481	2 , 0
SHERMAN-DENISON	TX:	NA.	NA	NA	19	NA	NA	NA	1,064	NA	NA	NA	8

	:				_	:			SALES P	ER STO	RE		
SMSA		GRO	CERY			:	CUF	RENT		:	DEFLAT	ED 2/	
		1954:	1958:						: 1972		: 1958		
	:	_	- NUM	RER -	_				- 1,000	DOLLA			
	:		- 11011	DLN -	_				- 14000	DOLLA	(3		
	LA:	32	36	47	81		1,031	864			1,133	937	700
	IA:	22	18	18	14	504	774	961	1+663	588	850	1.042	1,368
	SD:	14	13	15	16	766	1.053	1,125	1,943	892	1,158	1,220	1,598
	IN:	16 21	21 25	22 34	21	1,305	1,250	1.518	2,689	1,520		1,646	2,211
	IL:	13	15	15	35 16	1,162	1,562	1,313	2,347 2,881	1,354		1,424	2.369
	MO:	11	13	14	25	965	1,153	1,359	1.829	1,125		1,474	1,504
	OH:	32	18	13	26	439	1,084	1,465	1,323	512	1,191	1,589	1,088
SPRINGFIELD-CHICO		44	51	50	37	1,044	1,120	1,348	2,677	1,216	1,230	1,462	2,20
STAMFORD	CT:	31	23	22	24	1,234	1,581	1,578	2,260	1,438	1,737	1,711	1,859
	:												
STEUBENVILLE-WEIR		NA	16	13	10	NA	1,513	2,056	3,119	NA	1,663	2,230	2,565
	CA:	16	14	18	21	743	1,120	1,188	2,074	866	1,231	1,288	1.70
	NY:	39	62	73	46	939	1,010	1,012	2,006	1,094		1.098	1,65
	WA:	22	25	27	35	948	1,281	1,247	2,167	1,105	1,408	1,352	1,78
TALLAHASSEE TAMPA-ST PETERSBU	FL:	NA 44	NA 60	N A 86	35	NA 1.370	NA	NA 1.807	1.184	NA 1 EDD	NA NA	NA 1 OCA	97
	IN:	13	9	17	130	1.372	1,924	1,479	2,844 4,214	1,599	2,114	1,960	2,33
	TX:	6	15	8	14	774	727	1.326	1,558	902	799	1,438	
	OH:	39	41	67	90	1,288	1,701	1,690	2,177	1,501	1,870	1,833	1,79
	KS:	10	12	12	19	931	1.048	1,151	1,438	1.084	1,152	1,248	1,18
	:												
	NJ:	34	24	21	26	1,085	1,829	2,235	2,939	1,264		2,424	2,41
	AZ:	16	19	26	103	1+613	1,916	1,573	886	1,879		1,706	72
	OK:	24	35	42	57	1,260	1 • 435	1,442	2.502	1,469		1,564	2,05
TUSCALOOSA Tyler	AL:	7 12	10	11	18 16	781 615	1,277	1,011	1.951	911		1,097	
	NY:	38	37	38	35	685	1,278	1,415 999	1,968	717 798		1,535	1,61
VALLEJO-FAIRFIELD		NA	NA	15	18	NA	NA	1,426	3,109	NA.		1,547	
VINELAND-MILLVILL		NA	NA	NA	12	NA	NA.	NA	3,443	NA	NA	NA	2,83
	TX:	22	19	30	39	634	998	690	1,138	739	1.097	749	93
WASHINGTON	DC:	195	216	253	305	1,225	1,556	1.814	3,420	1,428	1,710	1,968	2,81
	:												
	CT:	29	23	16	13	575	823	1,827	3,541	671		1,982	2,91
WATERLOO-CEDAR FA WEST PALM BEACH-B		10	10	13	13	1.025	1,234	1,105	2.814	1,195		1,199	
	WV:	19 NA	27 35	42 27	44 16	1+334 NA	1 •549 825	1,486	3,431 2,519	1,555 NA		1,612	
WHEELING-STEUBENV		50	NA.	NA	NA	748	NA	NA	NA	871	NA NA	1,268 NA	
	KS:	40	43	46	41	954	1,079	998	1,613	1,112	1.185	1.082	1,32
	TX:	12	13	18	21	1.093	1,193	1,018	1,447	1,274		1 104	1,19
WILKES BARRE-HAZL	PA:	51	45	44	NA	729	1,087	1,207	NA	850		1,309	N
WILLIAMSPORT	PA:	NA	NA	NA	19	NA	NA	NA	1,989	N.A	NA	NA	1,63
WILMINGTON	DE:	45	39	50	55	937	1,567	1,754	2,926	1.092	1,722	1,902	2,40
LITE MINCION	ALC :	81.8	81.8	AI A	10		81.4	414	4 704	41.4		A1 A	4 44
	NC:	NA 14	NA 12	NA 17	19 NA	NA 864	NA 1,533	1 - 5 5 2	1,724	NA 1,007	NA 1.COF	1.607	-
	MA:	23	28	25	22			1,552	NA 2 - 6 2 A			1+683	
	WA:	NA	NA	N A		NA	1 • 109 NA	1,106 NA		1+404 NA		1 • 199 NA	
	PA:	18	19	22	21		1,200			958		1.605	
YOUNGSTOWN-WARREN		53	52	60	23		1,203			1,329			
	:												
MEAN. WEIGHTED	2		N	N			1.342				1,474	-	
MEAN, UNWEIGHTED	:		47	52		1,026					1,461		
STANDARD DEVIATI	ON:	87	85	93	72	292	327	381	940	340	359	413	77
								NUMBER					
	:												
NUMBER OF SYSA'S	:	212	215	218	263	208	214	218	263	208	214	218	26

<sup>1/ 1967</sup> 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.

<sup>2/</sup> 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. 226

Table 40--Number of stores and sales per store of four largest grocery firms, census years 1954-72, SMSA summaries by population, rable 40--Number of stores and sales by population, and 1972 four-firm concentration ratio  $\frac{1}{2}$ 

			- Caro				1	ور موادی	0	3		
	=	_							her score			
Item	** **	Groce	Grocery stores			Actual	al			Deflated	2/ ps	ij.
	1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
					SMSA's with	1 million	or more	population				
		Z	Number	 	1	1 1 1 1 1 1	1 1 1 1 1 1	- 1	1,000 dollars	1 1 1		! !
Mean, weighted Mean, unweighted Standard deviation	: : 168 : 174	 172 169	190 183	189 118	1,076 1,189 298	1,418 1,527 335	1,567 1,638 309	2,882 2,942 723	1,254 1,386 347	1,559 1,678 368	1,700 1,776 335	2,370 2,419 595
Number of SMSA's	32	32	32	34	32	Number 32	er 32	34	32	32	32	34
					SMSA's with	300,000 -	666,666	population				
		Z	Number	1	1	1 1 1 1	1 1	1,000	dollars	1	1 1 1	1 1
Mean, weighted Mean, unweighted Standard deviation	. 38	40	46	51 27	995 1,021 285	1,269 1,306 306	1,373 1,410 322	2,364 2,588 989	1,113 1,190 332	1,394 1,436	1,489 1,529 349	1,944 2,128 813
Number of SMSA's	. 67	68	69	76	19	Number 68	er 69	76	67	89	69	76
					SMSA's with	150,000 -	299,999	population	1			
		Z	Number	} } !	1		1	1,000	1,000 dollars	1 1 1 1 1 1	1 1	I I
Mean, weighted Mean, unweighted Standard deviation	177	18	119	23 9	938 998 276	1,235 1,306 329	1,439 1,526 419	2,354 2,506 777	1,093 1,164 322	1,358 1,435 362	1,560 1,655 454	1,936 2,061 639
Number of SMSA's	. 55	59	61	9/	55	Number 59	er 61	92	55	59	61	92
					SMSA's with	n less than	150,000	population				
		Z	Number	1 1	1	1 1 1 1 1	1 1 1 1	1,000	dollars	1 1 1 1		 
Mean, weighted Mean, unweighted Standard deviation	100	10	12 5	13	922 985 280	1,212 1,275 318	1,297 1,404 436	2,212 2,584 1,079	1,075 1,149 327	1,332 1,401 350	1,407 1,523 473	1,819 2,125 887
Number of SMSA's	. 43	45	94	77	43	Number 45	er 46	77	43	45	97	77
See footnotes at end of table.											<b>ల</b>	Continued

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

								Sales po	per store			
Item		Groce	Grocery stores			Actual	ıaı			Deflated	ed <u>2</u> /	
	1954	1958	: 1963	1972	1954	1958	1963	1972	1954	1958	: 1963	1972
	** **				SMSA's	in the No	Northeastern	region				
		1 1 1 1	Number	1 1				1,000	dollars	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	1 1
Mean, weighted Mean, unweighted Standard deviation		74 133	74	26 90 90 90	936 888 185	1,268 1,251 270	1,397 1,507 351	2,668 2,914 936	1,091 1,036 216	1,394 1,375 297	1,516 1,634 381	2,194 2,397 769
Number of SMSA's	04	45	47	26	40	Number 45	er 47	56	40	45	47	56
	•• ••				SMSA's	in the North	th Central	region				
			Number	1 1	1 1	1	, I , I	1,000 0	1,000 dollars	† 1 s 1 1		; ;
Mean, weighted Mean, unweighted Standard deviation		49	55	 49 86	1,031 1,053 262	1,359 1,384 313	1,476 1,475 307	2,685 2,843 1,057	1,201 1,228 305	1,494 1,520 344	1,601 1,599 333	2,208 2,338 869
Number of SMSA's		09	09	69	59	Number 60	er 60	69	59	09	09	69
					SMSA's	in the	Southern re	region				
	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	Number	1 1 1	1 1	1 1 1 1 1 1	1	1,000 6	1,000 dollars	1 1 1		1 1
Mean, weighted Mean, unweighted Standard deviation	29	32 33	38	45	1,058 1,027 311	1,354 1,294 351	1,436 1,378 356	2,270 2,153 654	1,233 1,197 362	1,488 1,422 386	1,558 1,494 386	1,867 1,771 538
Number of SMSA's	. 78	78	79	86	78	Number 78	er 79	86	78	78	79	86
					SMSA	a in the	Western rep	region				
		N 1	Number	1 1 1	1	1 1 1 1	1 1 1 1 1 1 1	- 1,000	dollars	! ! !	1 1 1	1 1 1
Mean, weighted Mean, unweighted Standard deviation		 44 54	50	53 58	1,154 1,147 337	1,460 1,426 321	1,733 1,653 511	3,085 2,894 888	1,345 1,337 393	1,604 1,567 353	1,880 1,793 554	2,537 2,380 731
Number of SMSA's		31	32	70	31	Number 31	er 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, rable 40--Number of storestration ratio 1/--Continued

Mean, weighted Mean, unweighted Standard deviation Number of SMSA's Mean, weighted Standard deviation Standard deviation Number of SMSA's	1954 :	Grocery	ry stores	88									i
Mean, weighted Mean, unweighted Standard deviation Number of SMSA's Mean, weighted Standard deviation Standard deviation Number of SMSA's	1954						Actual	ıaı			Deflated	ed <u>2</u> /	
Mean, weighted Standard deviation Standard deviation Number of SMSA's Mean, weighted Standard deviation Standard deviation Number of SMSA's		1958	1963		1972	1954	1958	1963	1972	1954	1958	1963	1972
Mean, weighted Standard deviation Standard deviation Number of SMSA's Mean, weighted Standard deviation Number of SMSA's				SMSA's	with	1972 four-firm	rm concentration	ration ratios	ios of 60	percent or o	over		
Mean, weighted Standard deviation Standard deviation  Number of SMSA's  Mean, weighted Standard deviation Standard deviation  Number of SMSA's	l l	N - 1 -	Number -	1 1	1	1			1,000	1,000 dollars	1		1
Number of SMSA's  Mean, weighted  Mean, unweighted  Standard deviation  Number of SMSA's	23 29	26	31	116	36	1,106 1,052 279	1,442 1,386 276	1,595 1,548 380	2,795 2,772 1,093	1,289 1,226 325	1,585 1,523 303	1,730 1,679 412	2,299 2,280 899
Mean, weighted Mean, unweighted Standard deviation Number of SMSA's	64	20	51		99	67	Number 50	ber 51	99	67	50	51	99
Mean, weighted Mean, unweighted Standard deviation Number of SMSA's				SMSA	with	1972 four-firm	Irm concentration	ration ratios	tos of 50	- 59.99 per	percent		
Mean, weighted Mean, unweighted Standard deviation  Number of SMSA's	1 1	l l	Number -	1		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	1,000	1,000 dollars	1 1 1 1		-
Number of SMSA's	52 102	53 98	59 104	100	55 86	986 1,081 333	1,370 1,391 355	1,474 1,493 441	2,532 2,697 997	1,149 1,260 388	1,505 1,529 390	1,599 1,619 478	2,083 2,218 820
	59	09	62	2	82	59	Number 60	ber 62	82	59	09	62	82
				SMSA	with	1972 four-firm	irm concentration		ratios of 40	- 49.99 per	percent		
•	1	1	Number -	1		1 1	1 1 1		1,000	dollars	1 1 1		1
Mean, weighted : Mean, unweighted : Standard deviation :	50	67	52 9	52	50 57	978 970 238	1,297 1,248 305	1,480 1,422 321	2,581 2,480 798	1,140 1,131 278	1,425 1,372 335	1,605	2,122 2,039 657
Number of SMSA's	89	73	7	74	93	68	Number 73	ber 74	93	89	73	74	93
				SMSA's	with	1972 four-firm	irm concentration		ratios less	than 40 percent	ent		
	1	1	Number -	- 1 - 1 - 1		1	1 1	1	1,000	1,000 dollars		1 1 1 1 1	; 1
Mean, weighted : Mean, unweighted : Standard devlation :	80 168	81 171	- 8 19	89 94	 66 110	1,119 1,070 315	1,338 1,343 397	1,418 1,457 416	2,603 2,374 638	1,304 1,247 368	1,471 1,475 436	1,538 1,581 451	2,141 1,952 525
Number of SMSA's	21	21	2	21	24	21	Number 21	ber 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/

	:	GRAI	CERY	STORE	s	:			SALES PI	ER STOR	E		
SMSA		51,01				:	CUR	RENT		:	DEFLAT	ED 2/	
		1954:	1958:			-	: 1958	: 1963	: 1972	1954	: 1958	: 1963	: 197
		-1	- NUM	BER -					- 1,000	DOLLAR	s		
BILENE	TX:	4	11	5	16	512	302	875	653	597	332	949	53
KRON	OH:	11	14	9	30	623	906	1.739	1,814	727	996	1,886	1.49
LBANY	GA:	5	4	7	19	397	482	378	480	462	530	410	39
LBANY-SCHENECT AD	NY:	19	11	20	18	826	1,220	1.014	2.466	963	1.341	1.100	2,02
LBUQUERQUE	NM:	10	9	12	87	531	828	315	299	619	910	342	24
LEXANDRIA	LA:	NA	NA	N A	14	NA	NA	NA	329	NA	NA	NA	27
LLENTOWN-BETHLEH	PA:	4	6	4	5	1,053	1,205	2,161	6,317	1,227	1,324	2.344	5,19
ALTOONA	PA:	4	4	5	15	203	236	966	702	236	259	1,048	57
AMARILLO	TX:	5	6	6	39	537	404	572	371	626	444	620	30
NAHEIM-SANTA ANA	CA:	6	16	33	59	2,061	1,657	1,679	2,857	2,402	1.821	1,821	2,35
ANCHORAGE	AK:	NA	NA	NA	7	NA	NA	NA	1,536	NA	NA	NA	1.26
ANDERSON	IN:	8	7	8	4	674	1,306	1,129	2,534	786	1.435	1.225	2.08
ANN ARBOR	MI:	4	4	4	7	641	839	1,423	2,927	747	922	1.543	2 • 40
	WI:	NA	NA	NA	9	NA	NA	NA	1,811	NA	NA	NA	1.48
ASHEVILLE	NC:	5	4	12	4	D	455	228	1.855	â	500	248	1.52
ATLANTA	GA:	10	19	45	218	1,157	742	464	460	1,348	815	503	37
ATLANTIC CITY	NJ:	4	4	4	16	539	800	2,068	6 9 5	628	879	2,242	5
AUGUSTA	GA:	7	6	10	13	739	924	443	1,691	861	1,015	481	1,39
AUSTIN	TX:	18	24	45	45	325	351	203	700	379	386	220	5
BAKERSFIELD	CA:	7	6	8	4	<b>7</b> 93	1,174	1,193	3,905	925	1,290	1,294	3,21
BALTIMORE	MD:	8	9	15	93	909	2,523	2,283	1,050	1.059	2,772	2,477	8.6
BATON ROUGE	LA:	5	13	19	57	475	377	385	523	553	414	417	43
BATTLE CREEK	MI:	NA	NA	N A	8	NA	NA	NA	D	NA	NA	NA	
BAY CITY	MI:	4	5	7	9	439	732	647	7.94	512	805	702	65
BEAUMONT-PORT ART		15	6	6	21	295	884	1,138	1,002	344	971	1,234	8:
BILLINGS	MT:	4	4	4	2	585	927	980	D	682	1,018	1,062	
BILOXI-GULFPORT	MS:	NA	NA	NA	32	NA	NA	NA	416	NA	NA	NA	34
BINGHAMTON	NY:	6	12	18	21	827	775	824	1,897	963	851	894	1,50
BIRMINGHAM	AL:	4	10	12	44	1,520	1,472	1,694	856	1,772	1,617	1,837	7 (
BLOOMINGTON-NORMA	IL:	NA	NA	N.A	4	NΑ	NA	NA	1,553	NA	NA	NA	1,2
BOISE CITY	ID:	4	4	4	27	583	1,079	733	326	679	1,186	795	26
BOSTON	MA:	36	27	36	92	1.263	2,823	2,421	2,028	1.472	3,102	2+626	1.66
BRIDGEPORT	CT:	6	6	5	9	D	1,259	3,712	5.820	D	1,383	4.026	4978
<b>ERISTOL</b>	CT:	NA	NA	NA	5	NA	NA.	NA	1.743	N.A	NA	NA	1.4
BROCKTON	MA:	7	6	5	13	902	709	1,658	752	1,051	779	1,798	6:
BROWNSVILLE-HARLI	TX:	4	5	5	9	655	838	849	1.427	763	921	921	1,1
BRYAN-COLLEGE STA		NA	NA	NA	3	NA	NA	NA	2,088	NA	NA	NA	1,7
BUFFALO	NY:	4	9	13	25	1,416	872	1,948	2,631	1,651	958	2,112	2 .11
BURLINGTON	NC:	NA	NA	NA	6	NA	NA	NA	1,491	NA	NA	NA	1,2
CANTON	OH:	6	7	6	46	1,496	1.722	1.874	720	1,743	1,892	2.033	5
CEDAR RAPIDS	IA:	5	6	6	7	626	1.285	991	900	730	1,412	1.074	7
CHAMPAIGN-URBANA-		6	4	5	5	319	806	1,123	1,688	372	885	1.218	1,3
CHARLESTON	SC:	6	6	7	17	1.015	1 .203	1,198	1,933	1,182	1,322	1,299	1,5
CHARLESTON	MA:	8	9	7	12	361	500	725	709	421	550	787	5
CHARLOTTE-GASTONI		- 6	7	27	49	566	715	385	955	659	786	418	7
CHATTANOOGA	TN:	12	13	17	19	674	807	564	1,170	785	887	612	9
CHICAGO	IL:	107	61	102	232	1,009	1,997	1,802	1,208	1.176	2,194	1,954	9
CINCINNATI	0H:	5	4	6	94	866	1.801	2,474	782	1,009	1,979	2,683	6
CLEVELAND	OH:	9	24	9	38	2,354	1,712	3,753	3+440	2,743	1.882	4+070	2 • 8
COLORADO SPRINGS	CO:	4	10	20	11	808	455	393	1.897	941	500	426	1,5
COLUMBIA	MO:	NA	N A	N A	5	NA	NA	NA	1,560	NA	NA	NA	1,2
COLUMBIA	sc:	6	7	4	36	454	394	842	411	529	433	913	3
COLUMBUS	GA:	5	14	9	20	860	264	731	542	1,002	290	793	4
COLUMBUS	OH:	8	5	45	107	632	1.740	338	747	736	1,912	366	6:
CORPUS CHRISTI	TX:	5	8	9	38	806	949	1,129	456	940	1,043	1.225	3
DALLAS	TX:	90 NA	142 NA	171 NA	NA 358	237 NA	243 NA	348 NA	NA 620	276 NA	267	378	5
DALLAS-FT WORTH											NA	N 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/--CONTINUED

	:	6000	ERY S'	TUBES	:			-	ALES PE	K STORE			
SMSA							CURR	ENT			DEFLATE	D 2/	
	:-	1954:1	958:1	963:1	972 :	1954	1958	1963	1972	1954	1958	1963	1972
	:		NUMB	ER =	- 11				- 1.000	DOLLARS	3		
ANBURY	CT:	NA	NA	NA	7	NA	NA	NA	2,103	NA	NA	NA	1,730
AVENPORT-RCCK IS	IA:	3	4	6	11	1,653	1 • 425	1,762	1,967	1,927	1,566	1,708	1,618
	0H:	14	9	11	42	973	1,892	1,574	942 546	1 •135 NA	2 - 079 NA	NA	449
	FL:	NA	NA	NA	25	N A 908	NA 870	NA 872	1.246	1,058	956	946	1.025
	IL:	4	4	5 43	6 133	876	1.118	373	373	1.020	1,228	404	30
	CO:	12 7	11	4 3	10	640	1.860	3,390	1,866	746	2,044	3,677	1,53
	MI:	59	66	70	259	990	1,217	1.594	D	1,153	1,337	1,728	
_ ,	IA:	4	4	4	14	415	521	538	528	483	572	583	43
	MN:	11	5	6	6	336	908	1,270	2,064	392	998	1,377	1,69
LIDUAM	NC:	12	6	5	NA	169	358	351	NA	197	393	381	N
URHAM L PASO	TX:	13	19	15	48	267	345	413	341	311	380	448	28
LMIRA	NY:	NA	NA	NA	7	NA	NA	NA	1,995	NA	NA	NA	1 +64
RIE	PA:	7	4	14	7	520	795	438	2,300	607	873	476	1,89
	OR:	8	6	5	5	558	590	1,267	2,417	650	648	1.374	1,98
VANSVILLE	IN:	4	5	7	7	1,231	1,297	1.095	2,188	1,435	1,426	1,187	1,80
ALL RIVER	MA:	9	5	4	4	162	901	1,101	D	189	990	920	59
ARGO-MOORHEAD	ND:	4	5	5	12	501	774	848	723	584	850 NA	NA	50
AYETTEVILLE	NC:	N A	NA	N A	15	N A	NA	NA	609	N A N A	NA NA	NA	30
AYETTE VILLE-SPRI	AR:	NA	NA	NA	7	NA	NA	NA	D	NA	IVA	144	
ITCHBURG-LEOMINS	MA:	NA	4	5	4	NA	1,450	1,308	2,616	NA	1,593	1,419	2 +15
LINT	MI:	- 5	10	9	21	1,279	888	1,573	2,021	1,490	975	1,706	1,6
LORENCE	AL:	NA	NA	NA	7	NA	NA	NA	1,281	NA	NA ZEO	NA 294	1,0
ORT LAUDERDALE-H		11	24	78	91	269	326	271	D	314	358 NA	NA	4
T MYERS	FL:	NA	NA	NA	19	NA	NA	NA OS 1	508	NA 669	747	1.032	1.8
T SMITH	AR:	5	5	5	3	574	679	951 1 • 415	2,300	449	1.386	1,535	1.44
T WAYNE	IN:	8	10	10	14	385 302	1 • 262 315	335	NA	352	346	363	- 1
T WORTH	TX:	41	48	71 16	NA 6	878	1+644	1,167	3,686	1.023	1.807	1,201	3.0
RESNO SADSDEN	CA:	10	4	4	4	291	587	832	1,800	339	645	902	1 , 48
	:	***	41.0	A1 A	4.7	N/A	NA	N A	640	N A	NA	NA	5
GAINESVILLE	FL:	NA	NA	NA	13 23	N A 9 4 4	1.110	398	310	1.100	1.220	431	2
GALVESTON-TEXAS C		7	5 <b>7</b>	14	18	782	2.058	1,434	3,672	912	2,262	1 + 555	3.0
GARY-HAMMOND-EAST	MI:	4	5	9	6	1,298	1,355	2,058	3.614	1.512	1,489	2,232	2,9
GRAND RAPIDS	MT:		4	4	11	451	406	463	467	526	446	502	3
GREAT FALLS Green bay	WI:	5	5	4	7	785	1,237	1,045	883	915	1,359	1,133	7
REENSBORO-HIGH P		_	6	8	NA	438	730	1,102	NA	510	802	1,195	
REENSBORD-WINSTO			NA	NA	30	NA	N A	NA	1,746	N A	NA	NA	1 • 4
GREENVILLE-SPARTA			7	13	21	814	778	690	1,055	948	854	748	8
HAMILTON-MIDDLETO			4	6	30	563	967	1,513	592	656	1.062	1,640	4
HARRISBURG	PA	4	3	5	32	1.023	3,008	2,004	841	1,192	3,306	2,173	6
HARTFORD	CT:		9	15	14	D	2,066	2,059	3 + 0 90	D		2,234	2,5
HONOLULU	HI:		9	12	6	1.300	1,333	1,272	6 • 6 3 6	1,515		1,379	
HOUSTON	TX:		108	148	327	715	296	218	315	833	325	237	
UNTINGTON-ASHLAN			4	4	9	474	997	1,434		553		1,555	
HUNTSVILLE	AL:	4	4	5	32	546	1,156	911	452	637		988	
INDIANAPOLIS	IN		8	7	27	2,379	2 + 0 0 4	1,585	2,818	2,773		1,719	
JACKSON	MI		4	6	5	440		846		512 504		395	
JACKSON	MS:		15 39	16 53	22 159	433 1•107		364 368		1,291		399	
JACKSONVILLE												0-700	1.7
JERSEY CITY	NJ		6	4	17	979		4 • 046				4,389 907	
NUOTZMHOL	PA		11	6	4	D		836		763			
KALAMAZOO-PORTAGE			8	5	10	655		1.425					
KANSAS CITY	MO		11	13	67	2,049	-	1,640				1,310	
KENOSHA	WI		4	4	4	416		1,208					
KILLEEN-TEMPLE	TX		N A	N A	24	N A N A		NA NA					
KINGSPORT-BRISTOL													

	:	GRO	CERY	STORF	S	:			SALES PI				
SMSA					-		CUR	RENT		:	DEFLAT	ED 2/	
	:							: 1963	: 1972	1954	: 1958	: 1963	: 19
	:	_	- NUM	BER -					- 1,000	DOLLAR			ľ
NOXVILLE	TN:	4	6	8	10	1-170							
A CROSSE	WI:	NA	NA	N A	4	1+172 NA	582 NA	700 NA	D 1•728	1+366 NA	639	760	1 6
AFAYETTE	LA:	4	4	5	5	152	243	273	2.155	177	NA 266	NA 207	1 , 4
AFAYETTE-WEST LA		N.A	NA	NA	8	NA	NA	NA	D D	NA	N A	297 NA	1 ,7
AKE CHARLES	LA:	3	10	13	24	611	347	358	475	713	382	388	3
AKELAND-WINTER H	FL:	NA	NA	NA	40	NA	NA	NA	435	NA.	N A	N A	3
ANCASTER	PA:	8	6	8	27	304	570	572	457	354	627	620	3
ANSING-EAST LANS	MI:	3	10	10	21	1,363	983	1,510	1.446	1,588	1,080	1.638	1.1
AREDO	TX:	4	3	7	5	454	594	315	1.440	529	653	342	1.1
AS VEGAS	NV:	6	6	6	46	746	1,194	2+348	886	869	1,312	2.547	7
AWRENCE-HAVERHIL		4	4	10	8	539	1.074	1,098	2.193	628	1,180	1,191	1.0
AWTON	OK:	3	4	6	18	304	446	440	250	354	490	477	1,8
EWISTON-AUBURN	ME:	N A	5	5	3	NA	651	837	1,337	NA	715	908	1.1
EXINGTON	KY:	4	4	6	6	421	763	701	2,109	491	838	760	1,7
.IMA	0H:	4	4	4	8	576	1,155	611	1,215	671	1,269	663	9
·INCOLN	NE:	6	5	5	4	385	823	1.015	2,408	448	905	1,101	1,9
ITTLE ROCK-NORTH	AR:	4	5	5	25	394	D	949	310	459	D	1.029	2
ONG BRANCH-ASBUR	NJ:	NA	NA	NA	16	N A	NA	NA	3,293	NA	NA	NA	2,7
ORAIN-ELYRIA	OH:	6	4	5	36	619	1,014	1.066	693	721	1+114	1,156	5
OS ANGELES-LONG	CA:	78	108	141	181	1,960	2,559	1,966	3,302	2.284	2,812	2,133	2,7
OUISVILLE	KY:		5	4	9	1,476	1,644	2,535	2,754	1,720	1,807	2,749	2 • 2
OWELL	MA:		4	8	10	873	1 • 795	1,361	893	1,017	1,972	1,476	7
UBBOCK	TX:	5	4	5	17	298	552	886	601	347	606	961	4
YNCHBURG	VA:	4	7	6	4	241	338	591	2,613	281	372	641	2 • 1
ACON ADISON	GA:	5 5	6	11	34	968	959	699	409	1.128	1,054	758	3
	MH:	4	8	8	8	876	701	1,167	2 • 439	1,021	770	1,266	2,0
ANSFIELD	OH:	NA.	NA	6	4	585	599	1,108	3,454	682	658	1,201	2 ,8
CALLEN-PHARR-EDI		N A	NA.	N A N A	6	N A N A	NA NA	NA	2 • 173	N A	N A	NA	1,7
ELBOURNE-TITUSVI			NA	NA	64	NA	N A N A	NA NA	1•362 181	NA NA	N A	N A N A	1.1
IEMPHIS	TN:	7		21	25	1 700	4 707						
ERIDEN	CT:	4	8	21	25	1,389	1+383	1,220	1.916	1,618	1,520	1.323	1.5
IAMI	FL:	12	42	109	1.75	233	341	409	701	271	375	444	5
IDLAND	TX:	4	5	5	175	2,242 550	657	660	367	2.613	722	716	3
ILWAUKEE	WI:	4	7	13	36	2,642	682 2•172	459	326	641	750	498	2
INNEAPOLIS-ST PA		32	21	21	39	565	981	2.066	1,566	3,080	2,386	2 • 241	1 • 2
OBILE	AL:		7	31	43	473	1,135	1,964	2,632	658	1.078	2,131	2.1
ODESTO	CA:		NA	NA	11	NA	NA	NA.	803 1,582	551 NA	1,247	542	1 7
IONROE	LA:		4	3	- 5	358	653	1,219	2,954	408	718	NA 1 • 322	2.4
IONTGOMERY	AL:		5	8	41	212	398	631	331	247	437	684	2 1 2
UNCIE	IN:		4	5	5	950	806	1,203	1.712	1,108	885	1,305	1.4
USKEGON-MUSKEGON	MI:	3	5	8	6	900	731	623	1,755	1.049	803	676	1.4
ASHUA	NH:	NA	NA	NA	6	NA	NA	NA.	1,891	N A	NA	NA	1,5
ASHVILLE-DAVIDSO			16	12	6	636	606	463	2,738	741	666	502	2 . 2
ASSAU-SUFFCLK	NY:		NA	NA	148	N A	NA	- NA	2,407	N A	NA	NA	1,9
EW BEDFORD	MA:		8	10	16	797	750	1,056	D	928	825	1+146	190
EW BRITAIN	CT:		4	8	6	434	1,234	1.017	2,531	505	1,356	1,103	2,0
EW BRUNSWICK-PER		NA	NA	N.A.	18	NA	NA	NA.	3,163	NA	NA	NA	2 • 6
EW HAVEN-WEST HA		4	4	7	35	1,426	1,884	2,024	800	1,662	2,070	2,195	€
EW LONDON-NORWIC	CT:		NA	7	6	NA	NA	1.055	3,846	N A	NA	1,144	3 + 1
EW ORLEANS	LA:	4	18	7	54	1,959	1.387	2,506	798	2+284	1,524	2,718	6
EW YORK	NY:	179	285	215	304	712	804	1,886	1,917	830	884	2,046	1,5
EWARK	NJ:	25	29	34	42	1,050	1,292	1,644	3,077	1,224	1,420	1,783	2,5
EWPORT NEWS-HAMP	VA:	6	6	7	50	532	1,084	1,418	598	619	1,191	1,538	4
ORFOLK-VIRGINIA	VA:	4	7	33	92	1.824	2,197	471	590	2.126	2,414	510	-
			***		-								
ORTHEAST PENNSYL	PA: CT:	NA	NA	NA	9	NA	N A	NA	2,872	NA	NA	NA	2 • 3

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

	:	GRO	CERY :	STORE	5				SALES PE				
SMSA	:	OKU					CUR	RENT	:		DEFLAT	ED 2/	
	:	1954:				1954			: 1972			: 1963	: 1972
		-	- NUM	BER -	•1				- 1,000	DOLLAR	s		
DESSA	TX:	7	7	19	23	508	725	317	541	592	797	344	44
	UT:	4	4	7	NA	781	758	958	NA	910	832	1,039	N.
KLAHOMA CITY	0K:	7	5	29	34	666	1,662	395	890	776	1,826	428	73
MAHA	NE:	6	4	6	6	747	1 .874	1,819	4,118	871	2,060	1,973	3,38
	FL:	8	6	48	90	253	1,000	278	393	295	1,099	301	32
	KY:	NA	NA	N A	5	N A	NA	NA	1,360	NA	NA	NA	1,11
XNARD-SIMI VALLE		N.A	NΑ	NA	12	NA	NA	NA	3,410	NA	NA	NA	2,80
PARKERSBURG-MARIE		NA	NA	NA	5	N A	NA	NA	2,355	N A	NA	NA	1,93
	NJ:	13	15	16	14	785	1.264	2,576	2,562	915	1.389	2 + 794	2.10
ENSACOLA	FL:	7	4	7	33	485	1,182	1,265	806	565	1,299	1,372	66
	IL:		7	15	16	707	760	933	1,891	824	835	1,012	1,55
PETERSBURG-COLONI			NA	N A	20	NA	NA	NA	537	NA	N A	NA	44
	PA:	27	33	57	249	1,309	888	635	9 0 5	1,526	975	689	74
	AZ:	-	8	91	200	984	2,302	425	692	1,147	2,530	461	56
	AR:	5	5	4	3	381	398	559	1,199	445	438	606	98
	PA:	25	39	56	20	1,135	1,239	966	2 9 8 9 3	1,323	1,361	1,048	2,37
	MA:		5	4	5	612	533	840	1,923	714	585	911	1,58
	ME:	4	4	5	5	542	1,288	1,381	2,673	632	1,415	1,498	2,19
	OR:		. 9	19	24	918	1,510	1,698	2,417	1,070	1,660	1 + 842	1,98
POUGHKEEPSIE	NY:	NA	NA	NA	5	N A	NA	NA	2,966	NA	NA	NA	2 • 4 3
ROVIDENCE-WARWIC	RI:	9	12	19	34	910	1,609	1,914	1,878	1,061	1,768	2,076	1,54
ROVO-OREM	UT:	4	4	4	4	449	657	828	2,615	523	722	898	2,15
UEBLO	CO:	4	5	8	35	611	743	531	246	712	816	576	20
RACINE	WI:	10	5	4	4	293	1,020	1,220	3,320	341	1,121	1,323	2,73
	NC:	6	7	3	NA	282	416	647	NA	328	457	702	N
	NC:		NA	N A	39	N A	NA	NA	289	NA	NA	NA	23
READING	PA:	7	4	9	9	635	1,209	973	2,138	740	1 +329	1,055	1,75
	NA:		5	7	4	585	1,007	879	D	682	1,106	954	
	WA:		NA	N A	8	N A	NA	NA	D	NA	NA	NA	
RICHMOND	VA:	6	11	10	57	997	1.002	1,336	988	1,161	1,101	1,449	81
RIVERSIDE-SAN BER	CA:	6	10	25	128	1,672	2,122	2,036	727	1,948	2,332	2,208	59
	VA:		4	7	26	347	595	631	422	404	654	684	34
ROCHESTER	MN:	NA	NA	NA	8	NA	NA	NA	516	NA	NA	NA	4 2
	NY:		9	12	15	622	614	1,275	2,695	725	675	1,383	2,21
	IL:	_	4	9	10	621	1,319	1,358	2,021	723	1,449	1,473	1,66
	CA:		5	13	32	1,275	1,892	2,092	2,338	1 + 486	2,079	2,269	1 +92
	MI:		5	6	4	443	1 • 1 9 8	1,055	2,945	517	1,316	1,144	2,42
	MN:		NA	NA	5	N A	NA	NA	1,694	NA	NA	NA	1,3
	MO:	_	4	6	4	465	1,004	850	2+498	542	1,103	922	2.0
ST LOUIS	MO:	28	21	26	23	1,585	1,677	1,905	3,131	1,848	1,842	2,066	2,5
SALEM	OR:		NA	NA	6	NA	NA	NA	1,738	NA	NA	NA	1,4
SALINAS-SEASIDE-M	CA:	N A	NA	NA	8	NA	NA	NA	1,411	NA	NA	NA	1 91
SALT LAKE CITY	UT:	8	12	6	NA	640	650	1,514	NA	745	714	1,642	
SALT LAKE CITY-OG			NA	NA	51	N A	NA	NA	440	NA	NA	NA	3 (
SAN ANGELO	TX:		4	9	21	317	407	249	293	369	447	270	2
	TX:		33	37	58	169		348	675	197	393	377	5
SAN DIEGO	CA:	_	25	24	145	1,212	962	1,329	826	1,413	1,057		6
SAN FRANCISCO-OAK			53	63	38	813	976	1,511	3,871	947	1,073	1,639	3,1
SAN JOSE	CA:		12	13	27	1,154	1,319	1,864	3,047	1,345	1 • 450	2,021	2,5
SANTA BARBARA-SAN	CA		4	4	6	1,025	1,129	2,093	2,605	1,194	1.241	2,270	2,1
SANTA CRUZ	CA		NA	NA	5	NA	NA	NA	1,879	NA	NA	NA	1,5
SANTA ROSA	CAS	NA.	NA	NA	5	NA	NA	NA	2,827	NA	NA	NA	2,3
SARASOTA	FL	NA.	ÑΑ	NA	23	NA	NA	NA	404	NA	NA	NA	3
SAVANNAH	GA:		4	7	7	1,058		1,196	1.802	1,233	1.729		1,4
	PA:		6	6	NA	271		1,194	NA	316	1,852		- 1
SCRANTON													
SEATTLE-EVERETT	WA			25	44	995		1,676	2,149	1,160	2,097		1,7

	:		0557	070-		:			SALES P	ER STO			
SMSA		GRO	CERY	STORE	S	:		RRENT	• • • • • • • • • • • • • • • • • • • •	:	DEFLA	TED 2/	
		1954:	1958:	1963:	1972	1954	: 1958	: 1963	: 1972	1954	: 1958	: 1963	: 197
			- NUM	BER -	-				- 1,000	DOLLA	RS		
SHREVEPORT L	: LA:	4	11	7	11	536	304	1,084	2,325	625	334	1,176	1.91
	IA:	4	5	4	3	1.046	822	1,195	3,207	1.219	903	1,296	2,63
	SD:	4	4	4	4	263	567	595	764	307	623	645	62
	IN:	5	5	7	5	621	1.089	1,551	3,144	724	1,196	1,682	2,58
SPOKANE	AA:	9	10	13	5	899	1.007	671	2,072	1.048	1,106	728	1,70
SPRINGFIELD	IL:	5	5	6	9	549	1.087	1,170	1,490	640	1,195	1,269	1,22
SPRINGFIELD M	101	6	4	5	15	429	886	988	856	500	973	1.072	70
SPRINGFIELD (	эн:	4	4	13	6	920	915	416	2,352	1,072	1.005	451	1.93
SPRINGFIELD-CHICO N	:AP	5	7	13	26	1,815	2,474	2,356	1.525	2.115	2,719	2,555	1,25
STAMFORD	CT:	11	11	12	7	724	768	1.019	D	843	844	1,105	1111
STEUBENVILLE-WEIR	он:	NA	5	11	7	N A	241	370	D	NA	265	401	
	CAI	9	8	11	8	615	964	899	D	717	1,060	975	
	YY:	13	28	25	36	713	764	968	1.357	831	840	1.049	1,11
	HA:	13	14	. 8	13	485	791	1,595	2,217	565	869	1,730	1,82
	FL:	NA	NA	N A	18	NA	NA	NA	381	N A	- NA	NA	31
TAMPA-ST PETERSBU F		12	18	128	223	886	1,029	248	379	1,033	1,131	269	31
	IN:	4	4	5	- 5	202	415	799	1,960	235	455	866	1,61
	TX:	4	5	9	17	312	315	286	448	364	346	311	36
	OH: KS:	14	7 5	9	28 7	771	1.878 1.504	1,789	1,677	899 1,308	2,064	1,940	1,37
	:			_		.,	24001	24.00	24713	14300	1,002	14707	1433
	J:	4	4	6	6	537	1,555	1,624	5 . 807	626	1,709	1,761	4 9 7 7
	AZ:	5	9	37	16	697	858	375	2,927	812	943	406	2,40
	OK:	5	4	13	121	1.134	1,990	634	306	1,322	2,187	687	25
	AL:	4	4	4	25	332	712	1,048	218	387	782	1,137	17
	TX:	5 10	9 13	7	9	624	507	514	434	728	557	558	35
VALLEJO-FAIRFIELD (		NA.	NA.	15	26 8	843 NA	1,211 NA	1,356	1,255	982	1,331	1,471	1.03
VINELAND-MILLVILL		NA.	NA NA	N A	9	N A	N A	1 • 412 NA	2•258 D	N A N A	NA	1,532	1 .85
	TX:	8	19	16	6	511	181	291	805	596	NA 199	NA 316	66
	oc:	40	60	124	261	873	989	589	514	1,018	1,087	639	42
WATERBURY (	: :T:	5	4	8	10	1.105	1.700	1 007	0.000	. 700		4 476	
	IA:	6	5	8	10	1+185 705	1.780		2,286	1,382	1,956	1,136	1,88
WEST PALM BEACH-B		5	4	58	79	690	1,078	832	1 • 4 0 8	821	1,184	903	1,15
	VV:	NA.	10	13	9	N A	279	157 366	423 1,563	804 NA	1,829	170 397	34 1,28
WHEELING-STEUBENV N		16	NA	NA	NA	298	NA	NA	NA NA	347	NA.	NA	1920
	KS:	6	4	4		969	2,291	3,417	3,714	1.129	2,518	3,706	3.05
	TX:	4	17	19	23	496	212	192	227	578	233	208	18
WILKES BARRE-HAZL F	A:	4	4	4	NA	708	1.425	1,388	NA.	825	1,566	1,506	N N
WILLIAMSPORT F	A:	NA	NA	NA	11	NA	NA	NA	423	NA	NA	NA	34
WILMINGTON I	DE:	4	6	10	34	995	1,730	1,383	1,027	1,160	1,901	1,500	84
WILMINGTON 1	NC:	N A	NA.	NA	19	N A	NA.	NA	583	NA	NA	NA	4.8
MINSTON SALEM	NC:	6	6	6	NA	571	831	945	_	666		1,025	
ORCESTER N	:AP	5	5	5	6				5,437		1,951		
	IA:	NA	NA	NA	7	NA			1,454	NA		NA	
	A:	4		8		429		1,067		499		1.158	
YOUNGSTOWN-WARREN (	эн:	35	8	6	70	207					1,042		
MEAN. WEIGHTED		N	N	N	N	791	994	984	1+101	922	1.092	1.067	90
MEAN. UNWEIGHTED			12		33				1,637		1,141		
STANDARD DEVIATION			25	29	55	451			1,161	526		760	
	:							NUMBER					
	:												
NUMBER OF SMSA'S		212	215	218	263	208	214	218	247	208	214	218	24

<sup>1/ 1967</sup> 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.

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. 234

Table 42--Number of stores and sales per store of the 5th-8th largest grocery firms, census years 1954-72, SMSA summaries by population, rable 42--Number of stores and 1972 four-firm concentration ratio  $\frac{1}{2}$ 

	•• ••	-						Sales per	store			
Item		NO	Number			Actual			9	Deflated	d <u>2</u> /	
	1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
ar ar					SMSA's with	1 million or	more	population				
		N	Number	1 1	1	1 1 1 1 1 1	1 1 1	- 1,000 dollars	llars	1 1 1	1	! !
Mean, weighted Mean, unweighted Standard deviation	27	37	53	122 98	1,100 1,324 574	1,239 1 1,468 1 602	1,235 1,554 787	1,185 1,724 1,117	1,282 1,543 669	1,361 1,614 661	1,339	975 1,418 919
Number of SMSA's	32	32	32	33	32	Number 32	32	33	32	32	32	33
	•• ••				SMSA's with	300,000 - 999	9,999 po	,999 population				
		No	Number	1 1	1	1 1 1 1 1	1	- 1,000 dollars	llars		1 1 1	t I
Mean, weighted Mean, unweighted Standard deviation		10	17	34	699 833 400	1,012 1,244 1	870 1,337 866	1,073 1,946 1,518	815 971 466	1,112 1,367 667	944 1,450 940	833 1,600 1,248
Number of SMSA's	. 67	89	69	74	19	Number 68	69	74	67	89	69	74
	•• ••				SMSA's with	150,000 - 299	666	population				
	1	N	Number	1 1	1	1 1 1 1 1	1 1	- 1,000 dollars	llars	1 1 1 1	1 1 1 1 1	1
Mean, weighted Mean, unweighted Standard deviation		1 9 m	1 ∞ m	14	605 642 254	843 913 352	909 031 440	1,017 1,590 891	706 748 296	926 1,003 386	986 1,119 478	837 1,308 733
Number of SMSA's	: 55	59	61	70	55	Number 59	61	70	55	59	61	70
					SMSA's with	less than	0,000 P	150,000 population				
		N I I I	Number	1 1	1		1 1	- 1,000 dollars	llars	1 1 1 1 .	 	1
Mean, weighted Mean, unweighted Standard deviation		1 9 6	9 4	100	493 490 187	588 653 299	638 730 316	843 1,314 853	575 571 218	646 718 329	692 791 343	693 1,081 702
Number of SMSA's		45	94	70	43	Number 45	97	70	43	45	46	70
See footnotes at end of table.	 										Con	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, rebien, and 1972 four-firm concentration ratio  $\underline{1/}$ --Continued

and a like								Sales pe	per store	7		
Item		-	Tagmos			Act	Actual	Ī		Deflated	ed <u>2</u> /	5
	1954	1958	1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
					SMSA'B	붜	the Northeastern region	region				
		1 1 1 1 1	Number	1 1 1			1	1,000	1,000 dollars	1 1 1 1 1	1	1
Mean, weighted Mean, unweighted Standard deviation	. 13	15	16 32	28 55	825 781 359	1,050 1,189 618	1,513 1,473 756	1,861 2,316 1,315	961 910 419	1,153 1,307 679	1,641 1,597 820	1,531 1,905 1,081
Number of SMSA's	70	45	47	52	40	Number 45	ber 47	52	40	45	47	52
	•• •• •				SMSA's	s in the North	rth Central	l region				
	1	l l t	Number	] [ ]		1 1 1	1 1 1 1	1,000 d	dollars	1 1 1	1	!
Mean, weighted Mean, unweighted Standard deviation		1 8 11	11 1	20 34	858 846 529	1,339	1,430 1,375 674	1,424 1,866 912	1,000 986 616	1,472 1,321 524	1,551 1,491 731	1,171 1,534 750
Number of SMSA's		09	09	65	59	Number 60	ber 60	65	59	09	9	65
					SMSA	in the	Southern re	region				
		 	Number	1 1 1		1		1,000 dollars	i	1 1		=
Mean, weighted Mean, unweighted Standard devlation	9 12	13	23	43	559 644 417	588 771 493	487 722 496	584 938 700	651 750 486	646 847 541	528 783 538	481 772 576
Number of SMSA's	. 78	78	79	96	78	Number 78	) Jer 79	96	78	78	79	76
	• •• ••				SMSA	a in the	Western reg	region				
		1 1 1	Number	1 1 1				- 1,000 dollars	ollars	1 1 1	1 1 1 1 1 1	1
Mean, weighted Mean, unweighted Standard deviation	117	13	22 28	39	1,124 901 403	1,514 1,178 531	1,251 1,202 589	1,487 2,065 1,323	1,310 1,050 470	1,664 1,295 583	1,357 1,304 639	1,223 1,698 1,088
Number of SMSA's		31	32	36	31	Number 31	32 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, rable 42--Number of stores and 1972 four-firm concentration ratio 1/--Continued

										Sales per	r store			
Item			Number	1.				Actual				Deflated	ed 2/	
	1954	1958		1963	1972	1954		1958	1963	1972	1954	1958	1963	1972
				SMS	SMSA's with	1972	four-firm co	concentration	tion ratios	of 60	percent or ov	over		
	1	1 1 1	Number	1				I I		- 1,000 dollars	ollars	1 1		<u> </u>
Mean, weighted Mean, unweighted Standard deviation	105	10		18 29	30 30	734 682 356		810 884 419	563 907 617	558 1,095 908	856 795 415	890 971 460	610 983 669	459 901 747
Number of SMSA's	. 49	20		51	09	4	69	Number 50	51	09	67	20	51	09
				SW	SMSA's with	1972	four-firm co	concentration	ion ratios	os of 50 -	59.99 percent	비		
		1	Number	1	1 1 1	1	1 1	1	1 1 1	- 1,000 dollars	ollars	1 1 1		!
Mean, weighted Mean, unweighted Standard deviation	1 6 21	1 01 01		14 17	34	787 771 541		1,059 1,075 591	1,043 1,166 672	989 1,647 1,200	917 898 630	1,164 1,181 649	1,132 1,264 729	813 1,354 987
Number of SMSA's	. 59	09		62	75	50	29	Number 60	62	75	59	09	62	75
	••••			SMS	SMSA's with	1972	four-firm co	concentration	ton ratios	os of 40 -	49.99 percent	int		
	1	1 1 1	Number	1 1 1	 	1	1	1 1	1 1 1	- 1,000 dollars	ollars	 	,   	1
Mean, weighted Mean, unweighted Standard deviation	199	199		16 16	30	893 857 437		1,179 1,123 594	1,182 1,251 790	1,381 1,902 1,134	1,041 998 509	1,296 1,235 653	1,282 1,357 857	1,136 1,564 933
Number of SMSA's		73		74	89	9	89	Number 73	74	89	89	73	74	88
	»			SW	SMSA's with	1972	four-firm co	concentration	ion ratios	os less than	an 40 percent	삠		
	! !	- 1	Number	1 1 1	1 1		1	1 1 1		- 1,000	dollars	1	1	1
Mean, weighted Mean, unweighted Standard deviation	21	31 64		34	53	904 830 393		1,065 1,151 572	1,340 1,301 567	1,534 1,990 1,220	1,053 967 458	1,170 1,265 629	1,453 1,411 615	1,261 1,636 1,003
Number of SMSA's	: : 21	21		21	23	2	21	Number 21	21	23	21	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/

	:	GRO	CERY	STORF	S	:			SALES P		E		
SMSA			-	OTORE	•	:	CUF	RRENT		:	DEFLAT	ED 2/	
	:	1954:	1958:	1963:	1972		: 1958		: 1972		: 1958	: 1963	: 197
	:										********		
	:	-	- NUM	BER -	-				- 1,000	DOLLAR	rs		
BILENE	тx:	13	12	20	11	271	340	239	599	316	374	260	49
KRON	0 H:		13	12	17	579	569	1,014	1,784	675	625	1,100	1.46
LBANY	GA:		15	13	19	144	163	202	390	168	179	219	32
LBANY-SCHENECTAD	NY:		17	16	27	629	842	1.112	1,236	734	926	1,206	1.01
BUQUERQUE	NM:		12	15	9	343	533	416	942	400	585	451	77
EXANDRIA	LA:		NA	NA	13	NA	NA	NA	441	N A	NA	NA	36
LENTOWN-BETHLEH			17	12	16	267	504	1 • 095	3,401	311	554	1,187	2,79
TOONA	PA:		12	12	12	128	151	202	580	149	166	219	4
ARILLO	TX:		14	30	11	173	285	217	861	201	313	235	71
AHEIM-SANTA ANA	CA:	12	15	24	140	905	1,573	2,197	1,110	1.054	1,728	2,383	9:
CHORAGE	AK:		NA	NA	12	NA	NA	NA	690	NA	NA	NA	5 (
DERSON	IN:	12	15	13	13	446	528	772	852	520	580	837	7
N ARBOR	MI:		12	13	14	307	416	482	1,102	358	457	523	9
PLETON-OSHKOSH	WI:		NA	NA	18	NA	NA	NA	1,691	NΑ	NA	NA	1,3
HEVILLE	NC:		11	14	13	157	169	244	371	182	186	264	3
LANTA	GA:	19	33	32	41	560	423	502	818	653	465	544	6
LANTIC CITY	NJ:		11	10	16	202	253	424	684	235	278	460	5
GUSTA	GA:		16	13	50	320	279	364	276	372	307	395	2
STIN	TX:		11	27	58	368	846	490	457	428	929	531	3
KERSFIELD	CA:	15	13	18	28	490	871	741	834	571	957	803	6
LTIMORE	MD:	15	21	40	26	934	1,014	703	1,829	1,088	1,114	762	1.5
TON ROUGE	LA:	11	12	13	43	253	274	446	455	294	301	484	3
TTLE CREEK	MI:	NA	NA	NA	12	= NA	N A	NA	D	NA	NA	N A	
Y CITY	MI:	12	11	11	12	188	265	299	345	219	291	324	2
AUMONT-PORT ART	TX:	12	13	14	49	587	762	758	622	684	837	822	5
LLINGS	MT:	13	12	12	22	197	306	447	D	230	336	485	
LOXI-GULFPORT	MS:	N A	NA	N A	23	N A	NA	NA	307	NA	NA	NA	2
NGHAMTON	NY:	13	12	16	12	207	484	560	1,797	241	532	607	1,4
RMINGHAM	AL:	16	13	14	17	661	8:91	1,317	1,826	770	979	1,428	1,5
OOMINGTON-NORMA	IL:		NA	NA	13	NA	- NA	NA	5 <b>7</b> 5	N A	NA	NA	4
ISE CITY	ID:		13	12	12	229	4/70	314	539	266	517	341	4
STON	MA:	16	31	67	83	1,608	1,319	752	1,304	1.874	1.450	816	1.0
IDGEPORT	CT:	15	15	14	33	359	502	598	746	419	551	648	6
ISTOL	CT:	NA	NA	NA	15	NA	NA	NA	282	NA	NA	NA	2
OCKTON	MA:	16	13	12	16	222	255	425	517	259	280	461	4
OWNSVILLE-HARLI	TX:	12	12	11	18	352	423	495	639	410	465	537	5
YAN-COLLEGE STA	TX:	NA	NA	NA	11	N.A	NA	NA	291	NA	NA	NA	2
FFAL0	NY:	14	14	13	15	616	1,114	2,702	4,289	717	1,224	2,931	3 . 5
RLINGTON	NC:	NA	NA	NA	21	NA	NA	NA	249	NA	NA	NA	2
NTON	OH:		15	16	19	512	681	935	2,289	597	749	1.014	1,8
DAR RAPIDS	IA:		13	12	12	224	269	330	385	260	295	358	3
AMPAIGN-URBANA-	IL:	12	13	14	14	192	351	580	600	224	386	629	9
ARLESTON	sc:	13	13	15	67	371	502	490	530	433	552	532	4
ARLESTON	WV:		11	13	12	356	411	536	1,474	415	452	581	1,2
ARLOTTE-GASTONI	NC:	14	12	23	62	252	391	321	539	293	430	348	4
ATTANOOGA	TN:	16	14	13	53	406	632	972	645	473	695	1.054	5
ICAGO	IL:	22	20	40	31	1,290	2,774	2,009	4.186	1.503	3,048	2,179	3,4
NCINNATI	0H:	14	15	18	30	499	831	1,261	1,306	582	913	1,367	1.0
EVELAND	OH:	12	15	38	43	1,094	1,672	875	1,411	1,275	1,838	949	1,1
LORADO SPRINGS	CO:		11	12	16	227	257	262	658	264	283	284	5
LUMBIA	MO:		NA	NA	14	NA	NA	NA	656	NA	NA	NA	5
LUMBIA	SC:		13	14	20	253	336	422	1.358	295	369	457	1,1
LUMBUS	GA:		13	24	46	277	391	319	417	323	430	346	3
LUMBUS	OH:	_	13	12	12	349	974	1,564	2,556	406	1,071	1,697	2,1
RPUS CHRISTI	TX:		17	23	23	395	485	365	799	461	533	396	6
LLAS	TX:		29	32	NA	299	847		NA	349	931	1,097	-
LLAS-FT WERTH	TX:	NA	NA	NA	179	NA	NA	NA		NA	NA	NA	4
	:												
SEE FOOTNOTES	ΑТ	END OF	TABL	.E								CONTI	NUFD-
		22 31										001111	

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

	:	6800	FRY	STORES	,				SALES PE	R STOR	L ()		
SMSA		ORUC	ERI 3	31045		1		RENT	:		DEFLAT	ED 2/	
7/ = 1	:	1954:1	958:1	1963:		1954			: 1972		: 1958	: 1963	: 1972
	:		- NUME	BER -	- 2		12		- 1,000	DOLLAR	s		
ANBURY	: c T:	N A	NA	N A	16	N A	NA	NA	637	N A	NA	NA	524
AVENPORT-ROCK IS	IA:	13	12	13	13	403	540	823	942	478	593	892	779
AYTON	0H:	18	15	34	48	482	1,047	672	1,521	562	1,150	729	1,251
	FL:	NA	NA	NA	31	NA	NA	NA	317	NA	NA	NA	261
	IL:	13	12	12	10	237	318	355	483	276	350	385	397
	co:	17	14	25	17	527	915	695 1,389	1,331	615 529	1,005	754 1•507	1,095
	IA:	14 36	11 23	14	11 110	454 1,157	1,025	1,744	1,158 D	1,349	2,144	1,891	95,
	IA:	12	11	12	13	177	240	236	230	206	263	256	18
	MN:	14	12	13	14	471	774	913	1,212	549	850	991	99
020111 001 211211	:					- 3			-,				
	NC:	12	13	12	NA	185	205	229	NA	216	225	248	N.
	TX:	15	18	25	52	363	502	406	404	423	551	440	33
	NY:	NA	NA	NA	19	NA	NA	NA	408	NA	NA	NA	33
	PA: OR:	13 12	11	14	38 14	317 428	459 364	658 496	560 1•459	369 499	504 400	713 537	1,20
	IN:	16	8	14	12	261	1.045	747	1.871	304	1,148	810	1,53
	MA:	18	16	19	19	127	141	179	D	148	155	194	1,00
	ND:	12	12	11	11	170	270	345	714	198	296	374	58
	NC:	NA	NA	NA	14	NA	NA	NA	545	NA	NA	NA	44
AYETTEVILLE-SPRI		NA	NA	NA	14	NA	NA	NA	D	NA	NA	NA	
ITCHBURG-LEOMINS	M A +	N A	12	12	13	N A	291	592	960	NA	320	642	78
	MI:	14	15	14	15	593	646	898	2.417	692	710	974	1,98
LORENCE	AL:	NA	NA	NA	12	N A	N A	NA	543	NA	NA	NA	44
ORT LAUDERDALE-H		11	12	37	127	225	698	370	D	263	767	401	
	FL:	NA	NA	NA	22	NA	NA	NA	394	NA	NA	NA	32
T SMITH	AR:	14	12	14	10	224	243	435	1.190	261	267	472	97
T WAYNE	IN:	12	14	18	15	222	279	290	1,479	259	307	314	1,21
T WORTH	TX:	21	17	49	NA	604	1,314	916	NA	704	1,444	993	N
RESNO	CA:	18	14	20	34	575	1,097	1,190	1.118	670	1,206	1,290	91
ADSDEN	AL:	13	13	12	23	149	203	277	334	173	223	301	27
AINESVILLE	FL:	NA	NA	NA	19	N A	NA	NA	429	NA	NA	NA	35
	TX:	12	16	12	29	474	576	753	563	552	633	817	46
GARY-HAMMOND-EAST		14	12	14	19	763	2.076	2.700	3.066	889	2,282	2,929	2,52
GRAND RAPIDS	MI:	12	11	14	24	605	859	969	1,103	705	944	1.051	90 36
REAT FALLS	MT:	12	12	13	9	232	178	205 455	448 705	270 314	195 471	222 493	58
REEN BAY REENSBORO-HIGH P	MI:	14 14	12	13	15 NA	270 272	480	343	NA	317	527	373	70
REENSBORD-WINSTO		NA	NA	NA	79	NA	N A	NA	612	NA	NA	NA	50
REENVILLE-SPARTA		12	12	14	67	287	387	547	269	334	425	594	22
MAMILTON-MIDDLETO		15	15	15	13	231	306	400	1,009	269	337	434	8 2
MARRISBURG	PA:	15	16	15	23	258	585	743	1.088	301	643	806	89
ARTFORD	CT:		11	12	33	687	1,092	1,472	1,558	801	1,200	1,596	1,28
CONOLULU	HI:		13	18	29	505	1,035	878	1,279	589	1,137	952	1,05
HOUSTON	TX:		16	20	187	1,212	1.862	1,664	8 2 5	1,413	2,046	1.804	67
HUNTINGTON-ASHLAN			14	16	12	409	436	542	1,960	477	479	588	1,61
HUNTSVILLE	AL:		12	14	11	166	356	428	1,379	193	391	464	1,13
INDIANAPOLIS	IN:	16	16	17	58	786	726	1,059	950	916	798	1+149	78
JACKSON	MI:		12	12	12	239	306	430	553	279	336	466	45
JACKSON	MS: FL:		12 14	15 48	41	181 616	374 477	377 217	302 472	211 718	411 524	409 236	38
JACKSONVILLE		_											
JERSEY CITY	NJ:		12	14	10	446	588	1,332	2,725	520	646	1,445	2.24
JOHNSTOWN	PA:		13	13	14	234	348	403	799	273	383	437	65
KALAMAZOO-PORTAGE			11	13	13	300	697	482	1,175	349	766	522	96
KANSAS CITY	MO:		15	16	57	1,264	1,733	2,021	1,213	1,473	1,904	2,192	99
KENOSHA	WI:		11	12	12 18	172 NA	306 NA	386 NA	512 644	201 NA		NA	
KILLEEN-TEMPLE	TX:	N A	NA	NA									

		CBU	CEBV	STORE	9	:			SALES PI	ER STOR	RE		
SMSA		0.0	1733	SIUNE		:	CUR	RENT			DEFLAT	TED 2/	
	:	1954:	1958	1963:		: 1954	: 1958	: 1963	: 1972	1954	: 1958	: 1963	: 197
	:		- NUM	1BER -	-				- 1,000	DOLLAR	ks = -		
CNOXVILLE	TN:	12	12	14	36	469	517	543	D	547	568	589	
A CROSSE	WI:	N A	NA	NA	15	NA	NA.	NA	431	NA	NA	NA	35
AFAYETTE	LA:	12	12	12	23	92	131	198	D	107	143	214	
AFAYETTE-WEST LA		NA	NA	N A	12	NΑ	NA	NA	D	NA	NA	NA	
AKE CHARLES	LA:	13	14	14	20	202	265	316	530	235	291	343	4
AKELAND-WINTER H		NA	NA	NA	65	NA	NA	NA	226	NA	NA	NA	1
ANCASTER	PA:	12	14	14	25	298	385	444	730	347	423	481	6
	MI:	11	12	17	20	434	967	828	1 + 2 90	506	1,062	898	1.0
AREDO	TX:	14	15	12	16	130	152	251	D	152	167	272	
AS VEGAS	NV:	12	12	25	26	537	740	542	764	625	813	587	6
AWRENCE-HAVERHIL		12	12	12	16	166	489	804	1,235	193	537	872	-1+0
LANTON	OK:	12	12	11	16	137	189	311	260	160	208	337	2
EWISTON-AUBURN	ME:	NA	11	13	11	N A	299	343	446	NA	329	372	3
EX INGT ON	KY:	14	12	14	13	239	358	352	772	279	393	381	6
.IMA	0H:	17	12	12	19	140	261	183	659	163	287	199	5
INCOLN	NE:	12	12	12	11	319	477	583	D	372	524	632	
ITTLE ROCK-NORTH		14	13	14	17	191	331	378	857	223	364	409	7
ONG BRANCH-ASBUR		NA	NA	NA	45	NA	NA	NA	982	NA	NA	NA	8
ORAIN-ELYRIA	OH:	12	13	11	14	348	405	625	1,465	406	445	678	1 ,2
OS ANGELES-LONG	CA:	65	107	172	342	2,627	2,624	2 • 204	1,729	3,061	2 ,884	2,390	1 ,4
CUISVILLE	KY:	13	14	16	37	530	680	838	731	618	747	908	6
OWELL	MA:	12	12	13	15	310	419	734	480	361	460	796	3
UBBOCK	TX:	10	12	15	19	271	301	379	341	316	330	411	- 2
YNCHBURG	VA:	12	12	12	18	177	248	350	607	206	273	379	4
ACON	GA:	13	12	14	36	320	425	484	409	373	467	525	3
ADISON	WI:	12	11	11	17	330	522	791	1,129	384	574	858	9
MANCHESTER	NH:	12	11	12	12	212	336	374	1,332	247	370	406	1,0
MANSFIELD	OH:	NA	NA	NA	23	NA	NA NA	NA	435	N A	NA	NA	3
CALLEN-PHARR-EDI  ELBOURNE-TITUSVI	TX: FL:	NA NA	NA NA	N A N A	15	N A	NA NA	NA NA	647 259	N A N A	N A	NA NA	5
EMPINE	:											17.0	
EMPHIS	TN:	17	23	34	65	698	677	712	542	814	744	772	4
ERIDEN	CT:	12	11	11	10	128	161	155	208	149	177	168	1
IAMI	FL:	15	14	42	30	942	1,196	551	1,294	1,098	1,315	597	1 + 0
IDLAND	TX:	12	11	10	10	278	434	419	337	324	477	454	2
ILWAUKEE	WI:	13	14	15	14	1,274	1.938	2,238	2,822	1 • 485	2,130	2,428	2 9 3
INNEAPOLIS-ST PA		25	20	23	82	949	1 • 477	2,300	955	1,106	1,623	2,494	1
OBILE	AL:	13	18	21	35	411	573	526	632	479	630	570	
ODESTO	CA:	NA	NA	NA	18	NA	NA	NA	1 • 1 95	NA	NA	N.A	9
ONROE ONTGOMERY	LA:	13 14	13 12	13	24 20	156 166	254 2 <b>0</b> 9	277 367	519 562	182 194	279 230	300 398	
	:										230	376	
JNCIE	IN:	11	12	11	11	433	328	532	493	505	360	577	
USKEGON-MUSKEGON		13	14	12	12	287	332	561	1,164	335	365	609	9
ASHUA	NH:	NA	NA	NA	12	NA	NA	NA	911	NA	NA	NA	щ
ASHVILLE-DAVIDSO		19	27	18	51	320	306	472	565	373	337	512	4
ASSAU-SUFFOLK	NY:	NA	NA	N A	116	NA	NA	NA.	1.457	N A	N A	N A	1,0
EW BEDFORD EW BRITAIN	MA:	15	14	14	15	284	269	340	D	331	295	369	
	CT:	12	12	12	18	283	405	437	873	330	445	474	1
EW BRUNSWICK-PER		NA	NA 1.7	NA I	36	NA	NA	NA	1.710	NA	NA	NA	1 • 4
EW HAVEN-WEST FA EW LONDON-NORWIC		13 NA	13 NA	13	18 23	457 NA	747 NA	902 567	1+341 898	532 NA	820 NA	978 615	1 • 1
	:												
EW ORLEANS	LA:	14	13	25	39	855	1.675	946	1,184	996	1.841	1,026	
	NY:	235	232	330	261	602	1.021	872	1,702	701	1,122	946	19
EWARK	NJ:	15	22	27	28	1,422	1 .885	2,507	5 • 4 92	1,657	2,072	2,719	4 9 5
EWPORT NEWS-HAMP	VA:	13	14	25	21	215	287	304	774	250	316	330	6
					7.7	E / /	9 - 4 A A	4 4/7	4 700		4 4 5		
ORFOLK-VIRGINIA	VA:	16	20	20	37	566	1,144	1,167	1.300	660	1,257	1,266	
		NA NA	NA NA	NA 15	21	NA NA	NA NA	1,167 NA 257	1,300 1,125 590	NA NA	1 • 25 / NA NA	1,266 NA 279	1 • 0

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

		GRO	CERY	STORE	s	:			SALES PI				
SMSA	:	211		3.3116				RENT			DEFLAT	ED 2/	
		1954	1958	1963:		1954	: 1958		: 1972	-	: 1958	: 1963	: 197
	:												
		•	- NUI	IBER -	-				- 1,000	DOLLAR	s		- 11 -
DESSA	тх:	13	16	18	15	267	289	350	472	311	317	379	38
GDEN	UT:	12	12	12	NA.	279	332	354	NA.	325	364	384	N
	OK:	13	16	12	17	768	972	1,716	2,712	895	1,068	1,861	2,23
	NE:	14	12	12	13	654	1 • 054	1.042	1,893	762	1,158	1.130	1,55
	FL:	12	19	25	69	272	332	367	310	317	364	398	25
VENSBORO	KY:	NA	NA	NA	16	NA	NA	NA	349	NA	NA	NA	28
XNARD-SIMI VALLE		NA	NA	NA	33	NA	NA	NA	974	NA	NA NA	NA	80
ARKERSBURG-MARIE		NA 20	NA 16	NA 18	10	NA 648	NA 1,273	NA 2+698	1,376 2,929	755	NA 1,398	NA 2,926	2 • 40
ENSACOLA	NJ: FL:	13	12	22	52	296	445	414	364	345	488	449	30
ENSACULA	:	13	12	~ ~	26	276	773	717	307	343	700	777	30
EORIA	IL:	14	15	15	15	509	684	930	1,790	594	752	1,009	1,47
ETERSBURG-COLONI		NA	NA	NA	12	NA	NA	NA	777	NA	NA	NA	63
PHILADELPHIA	PA:		15	16	70	978	1,739	2,541	2,153	1,140	1,911	2,756	1,77
HOENIX	AZ:		28	52	127	696	674	635	646	811	741	688	53
INE BLUFF	AR:		12	13	14	175 777	173	267	387	204 905	191	290	1.26
TTTSBURGH TTTSFIELD	PA:		24 12	21 12	- 46 9	199	207	1,707 221	1,542 531	231	1,680 228	1,851	1926
ORTLAND	ME:		14	13	18	303	398	676	832	353	438	733	68
ORTLAND	OR:		19	20	118	1.062	1.067	1,216	574	1.238	1.173	1.319	4
OUGHKEEPSIE	NY:		NA	N A	10	NA NA	NA	NA	752	NA	NA	NA	6:
OOUNICE! UIE	:	110	144	117	10	110	140	110	132	17.0		1416	
ROVIDENCE-WARWIC	RI:	15	17	12	103	650	1,026	1,275	288	758	1,127	1,383	23
ROVO-OREM	UT:		12	11	15	248	355	466	523	290	390	505	43
PUEBLO	co:		11	12	12	261	404	296	416	304	444	321	34
RACINE	WI:		18	12	12	260	336	412	1.123	303	369	447	98
RALEIGH	NC:		12	15	NA	205	299	238	N.A.	239	328	258	
RALEIGH-DURHAM	NC:		NA	NA	22	NA	NA	NA	580	NA	NA	NA	47
READING	PA:		12	14	13	317	527	507	1,446 D	370	579	549	1,18
RENO	NV:			13 NA	20 16	288 NA	486 NA	468 NA	D	335 NA	534 NA	507 NA	
RICHLAND-KINNEWIC	VA:			27	37	457	897	571	1,120	533	985	620	9:
	:												
RIVERSIDE-SAN BER				23	65	1,313	1,297	1,536	1,016	1,531	1,425	1,666	83
ROANOKE	VA:		_	10	19	174	222	309	574	202	244	335	47
ROCHESTER	MN			NA	10	NA	NA AAA	NA	194	NA	NA	NA	10
ROCHESTER	NY:			15	17	333	412	900	1,941	388 380	453 614	976 1•197	1,5
ROCKFORD Sacramento	IL:	-	_	13 26	16 84	326 808	559 1 • 371	1,104	1,475	942	1,506	1,800	1,2
SAGINAW	MI			13	11	314	367	467		366	403	507	8
ST CLOUD	MN			NA	18	NA		NA NA	596	NA	NA	NA.	4
ST JOSEPH	MO:			12	13	222		343		259	315	372	4
ST LOUIS	MO:			42	111	1,135		953		1,322	1,646	1,033	7
SALEM	00.	A. A.	AL A	A1 A	35	81.6	TIPL NA	21.4	499	AL A	NA NA	31.4	4
SALINAS-SEASIDE-M	OR			NA	14	N A		NA		N A N A	NA NA	NA NA	
						NA 431		NA 825	1,111	503	818	895	
SALT LAKE CITY SALT LAKE CITY-OG	UT				NA 27	NA NA		NA NA	1,856	NA NA	NA NA	NA NA	
SAN ANGELO	TX				14	160		210		186	226	228	2
SAN ANTONIO	TX				113	380		518		443		562	
SAN DIEGO	CA				17	719		1,407		838	1,858	1,526	
SAN FRANCISCO-OAK	_				150	969		1,550		1,129			
SAN JOSE	CA				129	1,056		2,024		1,231		2,195	
SANTA BARBARA-SAN	CA	14			21	271		919		316	667		
SANTA CRUZ	CA	N A	N N A	N A	18	N A	NA	NA	877	NA	NA	NA	7
SANTA ROSA	CA				18	N A		NA NA		NA NA	NA NA	NA NA	
SARASOTA	FL				27	N A		NA NA		N A	NA	NA NA	
SAVANNAH	GA:				28	353		851		412		923	
SCRANTON	PA				NA.	210		348		245		377	
SEATTLE -EVERETT	WA				109	852		1,809		993		1,962	
SHERMAN-DENISON	TX	_			10			NA		NA		NA	

			0554	07005		:			SALES PE	R STOR	Ε		
SMSA		GRO		STORES		:		RENT	:		DEFLAT	ED 2/	
		105/1				-			: 1972		. 1050	. 1063	. 107
		1 704:	1328:	12021	17/2	. 1704	. 1738	1,763	. 1912 :	1704	. 1238	. 1760	. 17/
	:										_		
	:	-	- NUM	BER -	- į				- 1+000	DOLLAR	s		
-	LA:	14	13	22	14	259	424	375	D	301	466	406	
	IA:	12	12	13	13	218	371	574	755	254	407	623	62
	SD:	11	12	11	12	172	257	299	322	201	282	324	26
	IN:	12	16	15	14	350	391	871	1,509	408	430	945	1,24
	WA:	22	12	13	17	404	767	643	953	471	842	697	78
SPRINGFIELD	IL:	13	13	12	12	249	424	587	1,068	290	466	636	87
SPRINGFIELD	MO:	12	12	13	30	222	277	357	371	259	304	387	30
SPRINGFIELD	0H:	14	12	12	14	183	268	515	1:187	213	295	559	97
SPRINGFIELD-CHICO	MA:	12	12	12	18	702	1.126	1.223	1.521	819	1.237	1,327	1,25
TAMFORD	CT:	13	12	12	20	567	510	1,413	D	660	561	1,533	
STEUBENVILLE-WEIR		NA	13	12	14	N A	167	308	D	NA	184	334	
STOCKTON	CA:	15	14	15	23	519	838	1.160	Ď	605	921	1,258	
	NY:	14	13	13	22	679	854	1 • 481	2,528	791	939	1,606	2.07
TACOMA	WA:	13	12	12	31	655	872	1.075	736	764	958	1,166	60
	FL:	NA.	NA	NA	12	N A	NA	NA	419	NA	NA.	NA	34
TAMPA-ST PETERSBU		12	30	22	173	515	304	680	285	600	335	737	23
		13	12	13	10	108	209	374	963	126	229	406	79
TERRE HAUTE	IN:												
	TX:	12	13	12	10	162		324	706	189	197	351	58
	OH:		12	12	15	731	1,269	1,331	2,053	852	1,394	1,444	1,68
TOPEKA	KS:	14	14	14	12	370	636	905	1,497	431	699	981	1,23
TPENTON	NJ:		14	18	28	234		328	776	273	368	356	63
TUCSON	AZ:	15	12	26	46	294	544	437	725	343	598	474	59
TULSA	OK:	12	13	15	15	490	1 , 0 9 6	911	1,771	571	1,204	988	1,45
TUSCALOOSA	AL:	12	12	13	11	159	243	332	460	185	267	360	37
TYLER	TX:	15	21	13	17	206	181	236	256	240	198	256	21
UTICA-ROME	NY:	14	12	14	12	478	582	805	1,494	557	639	873	1,22
VALLEJO-FAIRFIELD	CA:	NA	NA	15	40	N A	NA	853	573	NA	NA	925	47
VINELAND-MILLVILL	NJ:	NA	NA	NA	13	N A	NA	NA	D	NA	NA	NA	
WACO	TX:	14	12	15	17	286	324	314	333	334	356	341	27
WASHINGTON	DC:	21	21	29	22	1,149	1,943	1,359	1,946	1,339	2.135	1,474	1,60
	:		4.0				470	744			704		7.0
VATERBURY	CT:		12	13	24	338		711	473	394	701	771	38
WATERLOO-CECAR FA			13	12	12	175		581	645	203	618	630	53
WEST PALM BEACH-B		18	21	13	65	190		654	386	222	293	709	31
WHEELING	MA:		15	14	23	N.A		273		NA	207	296	50
WHEELING-STEUBENV	MA:	14	NA	NA	NA	256	NA	NA	NA	298	NA.	N A	N
WICHITA	KS:		14	13	29	751		1,343		875	1,146	1,457	83
WICHITA FALLS	TX:	15	14	11	13	199	314	352	D	232	345	382	
WILKES BARRE-HAZL	PA:	13	13	13	NA	265	380	436	NA	309	418	473	N
WILLIAMSPORT	PA:	NA	NA	NA	12	N A	N'A	NA.	315	N.A.	NA	N A	25
WILMINGTON	DE:	14	11	14	21	289	432	492	1.067	337	475	534	87
WILMINGTON	NC:	NA	NA	N A	19	N A	NA.	NA NA	432	NA	NA NA	NA	35
WINSTON SALEM	NC:		13	14	NA	227		521		265	286	565	1
WORCESTER	MA:		15	16	30	464				540	873	1,606	
YAKIMA	WA:		NA	NA	10	NA.				NA	NA	NA	
YORK	PA:		13	13	46	230				268	300	592	
YOUNGSTOWN-WARREN			13	13	16	436				508	768	1.043	
GOROG FORRESENTICH	:												
MEAN, WEIGHTED		N	N	N	N	510				594	848	921	
MEAN, UNWEIGHTED	:	16	16	19	32	437	652	744	986	509	717	807	81
STANDARD DEVIATI	ON:	16	17	25	39	324	4:98	542	730	378	548	588	60
								NUMBER					
NUMBER OF SMSA*S	:	212	215	210	067	212	0.15	218	242	212	215		24

<sup>1/ 1967</sup> 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.

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. 242

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/

		C						Sales per	r store			
Item		Gro	Grocery stores	\$3	1	Actual				Deflated	2/ pa	
	1954	1958	1963	1972	1954	1958 ;	1963	1972	1954	1958	1963	1972
					SMSA's with	1 million	or more p	population				
		N	Number	1 1	1	1 1 1 1	1	- 1,000 dollars	$\stackrel{1}{=} \frac{1}{1}$			
Mean, weighted Mean, unweighted Standard deviation	27	28 40	42 59	 86 76	990 1,000 415	1,476 1,494 561	1,356 1,505 635	1,275 1,634 1,115	1,154 1,165 484	1,622 1,641 616	1,471 1,632 689	1,048 1,344 917
Number of SMSA's	32	32	32	33	32	Number 32	32	33	32	32	32	33
					SMSA's with	300,000 -	999,999 р	population				
		N	Number	1 1		1 1 1		- 1,000	dollars	4		
Mean, weighted		1;	1 9		462	706	792	919	539	776	859	756
Mean, unweighted Standard deviation	: 14 : 2	14 3	18	35 24	459	332	862 488	1,226	535 202	789 365	934 529	1,008
Number of SMSA's	69	69	69	73	69	Number 69	69	73	69	69	69	73
					SMSA's with	150,000 -	299,999 р	population				
	1 1	N	Number	1 1 1	1   1   1	1 1 1 1	1	- 1,000 dollars	l I	1 1 1 1		t .
Mean, weighted Mean, unweighted Standard deviation	13	13	14	20 11	291 291 101	410 417 180	542 550 245	719 852 420	339 340 118	451 458 198	587 596 265	591 700 346
Number of SMSA's	57	59	61	69	57	Number 59	61	69	57	59	61	69
					SMSA's with	less than	8	-11				
	1	N N	Number	1 1 1	1 1 1		1	- 1,000 dollars	llars	1 1 1 1 1	1 1 1 1	1
Mean, weighted Mean, unweighted Standard deviation		13	l El e	14	211 212 73	288 291 103	337 343 125	527 544 256	246 247 85	316 319 113	366 372 136	434 448 210
Number of SMSA's	. 43	45	97	67	43	Number 45	97	29	43	45	46	29
See footnotes at end of table.											8	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, reble 44--Number of stores and 1972 four-firm concentration ratio 1/--Continued

									Sales po	Sales per store			
Trem T		Groc	Grocery stores	ores			Actual				Deflated	ed 2/	ļ
	1954	1958		1963	1972	1954	1958	1963	1972	1954	1958	1963	1972
						SMSA's 1	in the Northeastern	heastern	region				
		1 1	Number	1	1	1 1	1	1 1 1	1,000	1,000 dollars	= 1 1 1 1	1 1 1 1	1 1
Mean, weighted Mean, unweighted Srandard deviation	119	19		22 46	30 8	500 438 312	778 629 423	908 878 659	1,343	583 511 364	855 692 465	984 953 715	1,104 1,050 830
Number of SMSA's	: 43	45		47	52	43	Number 45	r 47	52	43	45	47	52
						SMSA's	in the Nort	the North Central	1 region				
		1	Number	1	1	1 1	1 1 1	1 1 1 1	1,000	1,000 dollars	1 1 1 1	1 1 1 1 1	 
Mean, weighted Mean, unweighted Standard devlation	17 - 17 - 17	13		155	20 17	494 455 311	766 716 548	923 838 553	1,219 1,191 743	576 530 362	842 787 602	1,002 908 600	1,002 979 611
Number of SMSA's	: 59	09		09	99	59	Number 60	.r. 60	99	59	09	09	99
						SMSA's	in the	Southern region	egion				
,		1 1 1	Number	i I I	1	1 1 1	1 1 1 1	1 1 1	1,000	1,000 dollars	1 1 1 1	1 1 1	t t
Mean, weighted Mean, unweighted Standard deviation	14	15		19	34 33	370 355 229	528 505 379	537 515 315	605 684 466	431 413 266	580 555 417	583 559 342	497 563 383
Number of SMSA's	: 79	79		79	06	79	Number 79	2r 79	06	79	79	79	06
						SMSA's	in the	Western region	1.000	1.000 dollars	1	1 1 1 1	1
Mean, weighted		1 1 2	Number		. I.	835 611	1,301	1,268	-	974	1,430	1,375	873 787
Mean, unweighted Standard deviation	11	17		23	64	695	610	581	400	246	670	630	329
Number of SMSA's	. 31	31		32	36	31	Number 31	ar 32	36	31	31	32	36
Cae footnotes at end of table.	•											Ü	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

							50			Sales	per store				
Item		Groce	Grocery stores	89			3.1	Actual	12	83		-	Deflated	1 2/	
	1954	1958	1963	E	1972		1954	1958	1963	1972	1954	: 15	1958	1963	1972
		100		SMS	SMSA's with	1972	our-firm	four-firm concentration ratios	ation ra	tios of 60	of 60 percent or	over			
	= 1= 	Nu	Number -	= 1 1 1	l I		1	1		1,000	1,000 dollars	i	5 L 1 1	1	1
Mean, weighted Mean, unweighted	14	13	1 53		70		323 310	464	509	561	377		510 499	552	461
Standard deviation		ന			24		191	319		378	222		320	292	311
Number of SMSA's	. 50	51	51	7	59		20	Number 51	er 51	59	50		51	51	59
				SMS	SMSA's with	1972	four-firm	concentration		ratios of 50	- 59.99	percent			
	1 1 	mN	Number -	1	1		1 1 1 1			1	1,000 dollars		1	i ! !	1
Mean, weighted		1			1		442	675	702	889	515		742	761	731
Mean, unweighted Standard deviation	: 14	14	17 8		27 22		420 293	645 520	682	975 692	489		709 572	739	802 569
Nimber of SMSA's		09	62		73		9	Number 60	er 62	73	09		09	62	73
					SMSA's with	with 1972 f	four-firm	COD	ation ra	ratios of 40	- 49.99	percent			
	1	Nur	Number -		I I		1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1,000	1,000 dollars		H		1
Mean, weighted Mean, unweighted Standard deviation	 133	115	19		35		558 507 336	814 739 519	952 879 590	976 1,060 749	650 591 392		894 812 570	1,033 953 640	803 872 616
Number of SMSA's	. 70	73	74		87		70	Number 73	74	87	70		73	74	87
				SMS	SMSA's with 1972		four-firm	concentration	ation ra	ratios less	less than 40 percent	ent			
	1	mN	Number -	1	l t		1 1	1 1 1	1	1,000	1,000 dollars			1	t I
Mean, weighted Mean, unweighted Standard deviation	28	28	38		57 85		793 629 495	1,226 915 582	1,248 1,173 685	1,421 1,648 902	924 733 577	ਜੌਜੌ	1,348 1,005 639	1,353 1,272 743	1,169 1,355 742
Number of SMSA's	. 21	21	21		23		21	Number 21	21	23	21	10	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, 1953, and 1972, respectively. Sources: Tables 13 and 43 and appendix A.

CONTINUED --

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

SCHEMECTAL MISS 1956 1956 1957 1972 1956 1956 1957 1972 1956 1956 1957 1975 1956 1957 1956 1956 1957 1956 1956 1956 1956 1956 1956 1956 1956		••			9	,		••					AL	STORE	i		Π	1
Table   Tabl	ΣS	•• ••		9 P O	RY ST	ORES		İ	1		URREN				DEF	ATED 1		
TY 165 166 166 166 169 101 170 170 214 242 367 1164 196 222 242 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			195	958	1963	196	1972		954	958	1963	1967	1972	1954	1958	1963	1967	197
THE CTAIN NOT THE TAIL THE TAI	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				NUMBE		1		1	l F	1	1	1,000	OLLARS		1	1	
FERCETAL NY 159	L L		100	166	~	4	Pr.		- 4	-	-	41	9	v	9	197	4	302
FERETIA NY: 1.056 1.053   964 1.05   116 111 113 145 159 378 322 534 116 117 12 12 14 15 15 15 15 15 15 15 15 15 15 15 15 15	K PON	K I	0 6 C	4 4	ተቀ	r 45			- 1-	. 9	l Ø	-	9	9	8	N	-	631
FUND ANY 1,056 1,034 964 806 715 151 9175 213 322 554 150 192 221 352 4  BETHLEH PAT 1,056 1,034 916 189 165 141 110 134 225 554 150 189 222 554 189 189 189 189 189 189 189 189 189 189	A BANY	6 A :	119	96		0	-			4	E	0	-	m	9	~	0	305
FETHER PAIR SEZ 215 189 165 165 191 181 189 378 522 595 176 329 410 526 3 1	CTA	YN	0	63	ഴ	0	7		N	-	-	S	m	S	9	<b>60</b> 1	OL (	439
BETHLEH LAT NA NA NA NA NA NA NA NA NA NA NA NA NA	BUQUERQUE	ΣZ	N.	21	00	9	4		S	9	<b>~</b> :	N:	ው ነ	~ 7	N 2	H 2	N a	48.4
HETHLEH PAT 1 1005 846 155 145 165 141 194 158 189 502 521 110 1131 202 502 502 502 502 502 502 502 502 502	ALEXANDRIA	LA:	N.A.	A N	z	Z	S		۷ ۷	Z	z	2	ກ	2 (	ZL	2. (	2 (	900
NYA ANA CA: 307 343 426 132 155 111 110 134 203 556 495 155 208 623 14185 155 111 110 134 492 84 699 623 14185 257 268 623 528 623 14185 115 110 110 122 84 84 699 623 14185 1149 1149 1149 1149 115 110 110 1149 1149 1149 1149 1149 1149 1	BETHLE	PA:	0.	846	S	0	4		g.	M I	8	0	N (	- (	ស ៤	<b>3</b> C	э и	467
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NITA ANA CA: 307 343 426 731 613 278 484 699 623 1-185 324 532 758 623 19 8	AMARILLO	TX:	126	136	רא	រោ			-	9	_	_	∞ −	Ω	30	d-	-	262
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TABLE 45--NUMBER OF GRCCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS. SMSA\*S, CENSUS YEARS 1954-72 1/--CONTINUED

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

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

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TABLE 45--NUMBER OF GRCCERY STORES AND SALES PER STORE OF ALL GROCERY FIRMS.
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TABLE 45--NUMBER OF GRCCERY STCRES AND SALES PER STORE OF ALL GROCERY FIRMS.
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	AT END C	OF TABLE.												1	,

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

									S	ALES PER	STORE				1
SMSA		ιο Ε	χ γ	TORES				CURRENT	į į			DEFL	EFLATED 17		
	1954	: 1958	: 1963	1967	: 1972	1954	: 1958 :	1963	1967	1972	1954	: 1958 :	1963 :	1967 :	1972
8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			- NUMBE		1	,	1		;	- 1,000	DOLLARS	1	1	1	
			136	132	126	111	155	221	237	373	130	171	239	237	307
			463	399	303	117	184	214	292	456	136	202	232	292	375
VALLEJO-FAIRFIELD CA:	4 ×	Z :	143	152	155	Z Z	Z Z	405	510	731	<b>4</b>	Z 2	440	510	601 499
			2 N A	251	100	107	N N N	1 K 2	191	307	105	143	176	191	269
	• • •	-	1.388	1.468	16343	270	34.0	492	641	1,018	315	380	533	641	837
AATERBURY CT			N	N		130	193	267	370	489	152	212	289	370	402
DAR FA			107	98	72	152	257	313	504	782	177	282	339	504	643
WEST PALM BEACH-B FL	•••		305	311	360	211	263	309	404	648	246	289	335	404	533
AHEEL ING			м	267	208	N	115	159	241	420	N A	126	172	241	345
-STEUBENV				NA	NA	96	ZA	N N	NA	NA	105	NA	NA	NA	Z
(i)			2	247	205	256	338	434	534	797	298	371	471	534	652
WICHITA FALLS TX:	: 183	147	143	153	123	137	202	223	232	375	160	220	242	232	309
AZL	1,		80	638	NA	72	76	119	177	NA	84	107	129	177	NA N
				AN	98	NA	Z A	Z Z	NAN	523	ď Z	N N	N A	NA	430
			4	369	363	145	208	274	432	694	169	229	297	432	570
WILMINGTON NC				206	194	N A	NA	Z	165	323	Z	N A	Z	165	566
LEM			ю	Z	Y Z	83	123	160	NA	NA	16	135	174	Z	Z
TFR		37	316	246	224	157	211	323	500	783	183	232	351	500	644
	NA.		N N	Z	123	NA	NA	Z Z	A Z	618	NA	A N	NA	NA	508
YORK		39	407	326	267	81	126	181	290	515	95	138	196	290	423
GSTOWN-WARREN	894	605	527	4 93	429	154	206	266	359	521	179	227	288	359	429
MFAN. JFTGHTFD		S	(N)	(N)	(N)	10	216	287	392	608	184	m	311	392	500
MEAN. UNWEIGHTED		63	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	98	123	149	184
	•••							NUMBER							
NUMBER OF SMSA *S	: 212	215	218	229	263	212	215	218	229	263	212	215	218	229	263
		1		3 3 8 8 8	2 3 3 4 1			1	1						1

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, .910, .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

										Sales per	r store				
Item		Gr	Grocery stores	ores				Actual				De	Deflated 1/		
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	: 1958	1963	1967	1972
						SMSA's wi	with 1 mi	million or	more po	population					
		1 1	- Number	1 1 1	1	1	1	1 1	1 1	- 1,000 dollars	lollars -	1 1 1	1 1	1	!
Mean, weighted Mean, unweighted Standard deviation	2,345 2,458	2,319 2,467	2,057 2,172	1,881	1,659	177 190 51	236 262 80	318 352 111	434 462 114	678 725 182	207 221 59	260 288 88	345 382 120	434 462 114	558 597 150
Number of SMSA's	32	32	32	32	34	32	32	Number 32	32	34	32	32	32	32	34
	•• ••					SMSA's wi	with 300,000	666 - 000	666	population					
		! !	- Number	=    -  -  -  -	1 1	1	1		1	- 1,000 dollars	ollars -	= 1 1 1	1 1 1 1		
Mean, weighted Mean, unweighted Standard deviation	543 257	511 240	486 216	443	439	145 150 38	203 213 61	268 281 85	371 395 131	560 612 202	169 175 44	223 234 67	290 304 93	371 395 131	461 504 166
Number of SMSA's	69 :	69	69	71	76	69	69	Number 69	71	92	69	69	69	71	92
	•• •• •					SMSA's wi	with 150,	,000 - 299	666	population					
	1	1 1 1	- Number	1 1 1	1	1		1 1	1	- 1,000 d	dollars -	1 1	1 1 1	1 1	1
Mean, weighted Mean, unweighted Standard deviation	280	253 112	235	205	197 81	128 143 60	177 201 83	234 273 122	328 375 156	514 583 220	149 167 70	195 221 92	254 296 132	328 375 156	422 480 181
Number of SMSA's	57	59	61	99	9/	57	59	Number 61	99	92	57	59	61	99	92
						SMSA's wi	with less	than 150,000 population	log 000,	pulation					
	i L		- Number	1 1 1	1 1	1	1	1 1 1	l l	- 1,000 d	dollars -	1 1	1 1 1 1		
Mean, weighted Mean, unweighted Standard deviation	. 166 . 166 . 68	142 55	128 53	118	108	122 138 52	175 195 77	232 265 116	303 358 167	491 574 247	142 160 61	192 215 84	251 288 126	303 358 167	404 472 203
Number of SMSA's	: 43	45	46	53	77	43	45	Number 46	53	77	43	45	94	53	77
	•														

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

	1		,												
										Sales p	per store				
Item	** **	5	Grocery stores	ores				Actual				ă	Deflated 1	1/	
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	; 1958	1963	1967	1972
						SMSA's	뒤	the Northe	Northeastern r	region					
	1	1 1 1	- Number	1	I 1= I	1	1 1 1	1 1 1		- 1,000	1,000 dollars -	1	1 1 1	1 1	1
Mean, weighted Mean, unweighted Standard deviation	1,118 2,073	1,052	900 1,823	748 1,618	561 1,159	145 138 38	186 180 47	251 250 70	356 367 98	594 636 163	169 161 44	205 197 51	272 272 76	356 367 98	488 523 134
Number of SMSA's	: 43	45	47	84	99	43	45	Number 47	48	56	43	45	47	48	99
	•• ••					SMSA's	뒤	the North	Central	region					
		1 1 1	- Number	1 t 1	1	1	5 I	1	1	- 1,000	dollars -	1 1	1 1 1	1 1	1
Mean, weighted Mean, unweighted Standard deviation	638	578 1,055	519 923	426 753	350	169 161 31	236 239 55	316 323 75	467 484 133	719 746 185	196 188 36	259 263 60	342 350 81	467 484 133	591 613 152
Number of SMSA's	. 59	09	09	63	69	59	09	Number 60	63	69	59	09	09	63	69
						ŝ	SMSA's in	the Sout	Southern region	lon					
	1	1 1 1	- Number	1	1	t I	1 1 1	1 1 1	1 1 1	- 1,000 0	1,000 dollars -	1 1 1	1 1 1	! !	1
Mean, weighted Mean, unweighted Standard deviation	 : 481 : 405	464	441 358	429	415	133 127 50	185 175 66	236 217 79	303 273 91	465 426 140	155 148 58	203 193 72	256 235 85	303 273 91	382 351 115
Number of SMSA's	. 79	79	79	84	98	79	79	Number 79	84	98	79	79	79	84	86
						Š	SMSA's in	the Western	ern region	uol					
		     	- Number	1	I I	l		1	1 1	- 1,000 d	1,000 dollars -	1 1	1 1 1 1	1 1 1	ı
Mean, weighted Mean, unweighted Standard deviation	588	559 843	508 768	494 718	421 590	222 206 68	322 301 89	436 425 139	541 515 131	819 773 211	259 240 79	354 331 98	473 461 150	541 515 131	674 636 173
Number of SMSA's	31	31	32	34	07	31	31	Number 32	34	07	31	31	32	34	40
See footnotes at end of table.														Conti	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.

		Ċ			!			-		Sales per	r store				
Item	•• ••	Ĭ,	Grocery stores	res	!			Actual				De	Deflated $1/$	,	
	1954	1958	1963	1967	1972	1954	1958	1963	1967	1972	1954	1958	1963	1961	1972
	•• ••			SMSA's	s with 1972	72 four-firm		concentration	on ratios	of 60	percent or	over			
		1 1	- Number	1 1 1	t !	1	1	1	1	- 1,000 dollars	1	1	1 1 1	1 1 1	ŀ
Mean, weighted Mean, unweighted Standard deviation	: : 278 : 253	263 260	249 244	223 249	215 248	175 116 49	246 237 73	330 317 95	449 448 161	685 701 258	204 193 57	270 261 80	358 344 103	449 448 161	563 577 212
Number of SMSA's	. 50	51	51	54	99	20	51	Number 51	54	99	20	51	51	54	99
	•• ••			SMSA	s with 1972	72 four-firm		concentration	on ratios	a of 50 -	59.99	percent			
	! !	1 1 1	- Number	1	1 1	1	1	1 1	1	- 1,000 dollars	- 1	1 1 1	1 1	1 1 1	ı
Mean, weighted Mean, unweighted Standard deviation	: : 730 : 1,269	 688 1,176	 600 993	505 829	421 652	144 147 58	201 210 82	272 285 124	382 383 147	598 602 199	168 172 68	221 231 90	295 309 134	382 383 147	491 495 164
Number of SMSA's	09	09	62	68	82	09	09	Number 62	89	82	09	09	62	89	82
	** **			SMSA	s with 1972	72 four-firm		concentration	on ratios	s of 40 -	49.99	percent			
	t r 	1 1	- Number	1 1 1	i !		1	1		- 1,000 dollars	ollars -	1 1 1	, 		1
Mean, weighted Mean, unweighted Standard deviation	: : 721 : 873	656 789	598 693	523 574	466	156 146 50	214 202 75	284 269 109	393 362 135	606 563 206	182 170 58	236 222 82	308 291 118	393 362 135	499 463 169
Number of SMSA's	. 70	73	74	78	93	70	73	Number 74	78	93	70	73	74	78	93
	•• ••			SMSA	s with 1972	72 four-firm		concentration	on ratios	less	than 40 per	percent			
		1 1	- Number	1 1 1	1		1 1 1		i I I	- 1,000 d	dollars -	1 1 1	1 1	1 1	
Mean, weighted Mean, unweighted Standard deviation	: 1,307 : 2,581	1,344 2,770	1,208	1,102 2,193	891 1,614	182 150 51	233 205 75	306 275 109	394 365 135	577 546 196	212 175 59	256 225 82	332 299 118	394 365 135	474 449 161
Number of SMSA's	: : 21	21	21	22	24	21	21	Number 21	22	24	21	21	21	22	24
	•														

-- = 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, 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.

$$CR_{\mathbf{N}} = \sum_{i=1}^{\mathbf{N}} S_{i}$$

where CR is concentration ratio, N is number of largest firms in the market, and Si is the percentage market share of the ith 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.

<u>Disparity Index</u>--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:

$$D_{N} = \frac{H_{N} - L_{N}}{L_{N}} \text{ and } L_{N} = (CR_{N}/N)^{2}. N,$$

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 then 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."

<u>Division</u>—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 or 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 Si is market share of the ith 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 <u>rank</u> was determined by summing the sales of its establishments in business all year plus the <u>annualized</u> 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:

Region	Division
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

$$\sqrt{\frac{\sum_{\underline{i=1}}^{n} X_{\underline{i}}^{2}}{\sum_{\underline{n}} - \overline{X}^{2}}},$$

where Xi is a set of numbers X1, X2, X3, ..., Xn, with mean  $\overline{X}$ . 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

	Appe	andix	B—S	tanda	ird me	tropoli	tan sta	Appendix B—Standard metropolitan statistical	areas (SMSA's)	3) defined by political subdivision,	Taron,	Centron 7	750	3				- 1
SMSA, political		Area	Areas included in SMSA 2/	luded 2/		First	Food st	Food store sales	<u>س</u>	SMSA, political		Areas	Areas included in SMSA 2/	uded 2/	!		ale	m
subdivision $1/$	:1954	:195	:1954:1958:1963:1967:1972:	3:196	7:197		in:	: 1961	1972	subdivision 1/	:1954	: 1958	:1963	:1954:1958:1963:1967:1972:		year in : SMSA 4/ :	1967	1972
						'	1,000	1,000 dollars	1 1							1,0	1,000 dollars	1
Abilene, TX Callahan Co., TX Jones Co., TX Taylor Co., TX	:::	UU	υυ	××	××	x x x	5,256	35,151 2,216 5,538 29,613	49,797 3,184 6,338 40,275	Appleton-Oshkosh, WI Calumet Co., WI Outagamie Co., WI Winnebago Co., WI					×××		6,124 34,934 41,957	117,214 10,956 49,105 57,153
Akron, OH Portage Co., OH		×	×	××	××	X 25 X 129	25,126 129,124	227,822 29,929 197,893	329,589 43,344 286,245	Asheville, NC Buncombe Co., NC	• • •	×	×	×	××	26,118	52,862 52,862 2,080	80,581 78,093 2,488
Albary, GA Dougherty Co., GA Lee Co., GA	::	υ	Ö	×	×	× ×	14,752	22,588 22,588 860	43,062 42,656 406	Atlanta, GA Butts Co., GA Cherokee Co., GA		*	-	×	×××	5.15	459,311 2,466 6,513 26,031	751,324 5,523 9,278 44,788
Albany-Schenectady-Troy, NY Albany Co., NY		×	><	×	×		74,711	286,801 129,506 17,884	414,403 161,972	Cobb Co., GA.		××	××	:××	:×××	17,693	63,717 121,403 6.169	99,377 202,538 17.086
Montgomery Co., NY Rensselaer Co., NY Saratoga Co., NY Schenectady Co., NY		××	×××	×××	×××	x 37 x 255 x 49	37,049 25,096 49,409	51,980 34,634 70,681	71,137 65,842 87,380	Fayette Co., GA Forsyth Co., GA Fulton Co., GA	× 	×	×	×	×××	143,859	2,826 3,143 235,719	4,120 5,775 284,784
Albuquerque, NM Bernalillo Co., NM Sandoval Co., NM	• • •	×	×	×	×	××	45,408	91,655 91,655 (D)	156,757 153,763 2,994	Gwinnett Co., GA Henry Co., GA Newton Co., GA Paculding Co., GA		×		×	××××	5,258	12,441 4,658 8,533 2,721 4,794	29,535 8,565 15,588 4,753
Alexandria, IA Grant Parish, IA Rapides Parish, IA						××		2,334	57,947 3,136 54,811	Walton Co., GA				;	× >	676	6,906	107,290
Allentown-Bethlehem-Easton, Warren Co., NJ	PA-N		×	×	×	7	2,835	201,312	312,044	Augusta, GA-SC	•			< ;	٠ ;	49,643	70,536	115,976
Carbon Co., PA Lehigh Co., PA Northampton Co., PA		××	××	××	××	×××	45,890 51,034	18,729 85,939 77,385	40,472 135,932 89,300	Aiken Co., SC	× ×	× ×	××	××	×××	14,702 37,127	25,381 2,905 45,155	5,349 71,084
Altoona, PA Blair Co., PA		×	×	×	×	x 32	32,797	48,057	66,285 66,285	Austin, TX Hays Co., TX		>	>	>	××	38.924	30,472 5,524 80,472	175,341
Amarillo, TX Potter Co., TX Randall Co., TX		××	××	××	××	××	25,803 3,483	50,923 35,752 15,171	78,493 47,896 30,597	Bakersfield, CA Kern Co., CA				× ×	<b>*</b> ×	72,665	120,507	156,655
Anaheim-Santa Ana-Garden Grove, Orange Co., CA 5/		ర్బ	U	×	×	×	885,96	496,146 496,146	788,328 788,328	Baltimore, MD Anne Arundel Co., MD		**	*>	××	×>	36,308		1,044,124
Anchorage, AK Anchorage Census Division, AK	on, AK					×		NA	78,004 78,004	Carroll Co., MD	• • •			< × × >	< × × >	12,139	30,678	35,656
Anderson, IN Madison Co., IN		S	×	O	×	×	28,434	50,133 50,133	65,889 65,889	Baltimore city, MD	· ×	< ×	< ><	< ><	< ×	278,620	300,698	391,579
Ann Arbor, MI Washtenaw Co., MI		υ	×	×	×	× 38	38,315	85,907 85,907	140,069 140,069									
																		= ,

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

1,000 dollars  100 dollar	sh, IA	1958:1	963:1	: : : : : : : : : : : : : : : : : : :		First : year in : SMSA 4/ :	1967	it : 1967 : 1972	SMSA, political subdivision 1/	: in SMSA 2/ : 1954:1958:1963:1967:1972:	in Si 1958: ]	in SMSA 2/ :1958:1963:196	 967:19	Firs year SMSA	in: 1967:	: 1972
1,	sh, LA ish, LA					1,(	00 dollar	1						= i =	. 1,000 dolla	
National Color   Nati	ge ish, IA				×		98,613 12,884	204,444	Boston, MAcontinued Essex County, MA (part)	- 1						
Maintenance Conv., No.   No.	ish, IA	×	×	×	×	38,780	98,613	165,129	Lynn city, MA		××	××	××			<b>₹</b> 9
10,100   93,54   Patterness Conf. PR   N. X. X. X. X. X. X. X. Y. N. N. N. N. N. N. N. N. N. N. N. N. N.	West Baton Rouge Parish, IA				×		8,099	12,979	Manchester town, MA	×	×	×:	×:			2,7
Number Compact Compa	Barry Co., MI				×		4,099	6,016	Marblehead town, MA . Middleton town, MA .	××	××	××	××		4 2	N. W.
10   14   36   58   58   58   58   58   58   58   5	Barry Co., MI							A53 50	Nahant town, MA	**	××	××	× >			33
Earnge, TA					××		10,100	14,805	Salem city, MA	< x>	< >< >	< × >	< × >			23,4
Table   Tabl		3	,	;		200.000	44,366	61,564	Swampscott town, MA Topsfield town, MA	× :	<××:	< × × :	<××:			7,2 A
Middlease County, MB   Middlease County, MB		×	×	×	×	24,3/6	44,366	61,564	Wenham town, MA	×	×	×	×			Š
National Column   National C					>		121,104	12 920	Middlesex County, MA (F	art)				>	MA	70
Action of the control	o., 1X	×	×	×	< ×	61,788	95,821	129,718		×	×	×	×			18,4
Beliacid town, MA	•	×	×	×	×	17,210	25,283	37,553	Ashland town, MA	×	×	×	×			4,1
1,000,   1	Rillings, Mr						32.736	42.051	Bedford town, MA	× ×	××	××	××			, e
Burlingcon town, MA	Co., MT	ပ	×	×	×	18,513	32,736	42,051	Boxborough town, MA.		:	:	:			Z
National   National							30 00	13 050	Burlington town, MA .	×:	×	×	× :			13,6
National Concord Comm. Ma	Hancock Co., MS				×		5,865	8,731	Carliele form, MA	۷	<	<	<			NA NA
Deverted city, MA   1,819   4,241   Deverted city, MA   1,819   4,241   Deverted city, MA   1,819   12,005	Harrison Co., MS			×	×		38,686	878,09	Concord town, MA	×	×	×	×			
Frantagam Cown, MA	Stone Co., MS				×		1,819	4,241	Everett city, MA	×:	×:	×:	× :			17,9
Extingtion town, Ma. X X X X X X X X X X X X X X X X X X X	Ringhamton, NY-PA						127.008	160.091	Framingham town, MA .	ν	×	×	<			2,0
National Lown, MA	:	×	×	×	×	52,655	102,632	130,402	Lexington town, MA .	×	×	×	×			11,80
Madford city, MA	Tioga Co., NY		×:	× ;	× :	11,697	14,560	24,059	Lincoln town, MA	×:	×:	×:	× :			9
244,853 362,736 Metrose city, MA	Susquenanna Co., PA		×	٧	<	9///9	A GTO	14,030	Malden City, MA	× ×	× ×	< ×	< ×			42,8
11,666  11,666							244,853	362,736	Melrose city, MA	×	×	: ×	×			19,3
	, AL	×	×	×	×	130,238	215,696	311,864	Natick town, MA	×:	×:	×:	×:			22,23
The state of the s				×	××		10.574	14.580	North Beading town N		××	××	××			200
Sherborn town, Ma	Walker Co., AL			×	: ×		18,583	28,262	Reading town, MA		×	: ×:	<b>ا</b> ا			12,3
Suborty MA							1		Sherborn town, MA		1	×	×:		,	8
Subbury town, MA	McToan Co TT			×	>		31,975	42,776	Stoneham town MA	× ×	××	××	××			16,85
37,765 58,582 Wakefield town, MA X X X X X X X NA 6,719  Walchem city, MA X X X X X X X X X 39,735  Walchem city, MA X X X X X X X NA 9,274  I,056,818 1,503,801 Wayland town, MA X X X X X NA 3,772  Whetch cown, MA X X X X X X NA NA NA NA NA NA NA NA NA NA NA NA NA	•			4	4		200		Sudbury town, MA	•	×	4 >4	<b>*</b> ×			9
1,056,818 1,503,801 Watertoon town, MA		c	;	٥	;	24.0	37,765	58,582	Wakefield town, MA	× ×	× >	× :	×			9,0
1,056,818 1,503,801 Wayland town, MA X X X X X X NA 3,272  I,056,818 1,503,801 Wayland town, MA X X X X X NA NA NA NA NA NA NA NA NA NA NA NA NA	•	ر	<	<	<	72,042	201110	700 100	Watertown town, MA .	< ×	< ×	< ×	< ×			14,0
X X X X X 9,448 19,170 26,131 Wilmington town, MA X X X X X NA 6,742  X X X X X X X NA 11,295 20,467 Woburn city, MA X X X X X NA 6,500  X X X X X X X X X X X X X X X X X X	Soston, MA					1	,056,818 1	,503,801	Wayland town, MA	×:	×	×	×			4,4
NA NA Winchester town, MA	,	×	×	×	×	9.448	19,170		Weston town, MA Wilmington town, MA .	××	××	××	××			10,55
X X X X X X NA 11,295 20,467 Woburn city, MA X X X X X 6,337 20,243					×		S		Winchester town, MA .	×	×	×	×			6,7
		××	× >	×>	××	8 8	11,295		Woburn city, MA	×	×	×	×			22,2

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

SMSA, political	**	Ø.	Areas included in SMSA 2/	incluc MSA 2	ided /		Food	Food store sales	3/	SMS nolitical		Areas included in SMSA 2/	s inclux	ded /		First .	Food store sales	3/
Subdivision 1/	ا	954:	_ = 1	1963:	1967:		year in : SMSA 4/ :	1967	1972		:1954:	1954:1958:1963:1967:1972:	1963:	1967:1	1972:	year in : SMSA 4/ :	1967	1972
							1,	1,000 dollars								1,0	1,000 dollars	t I
Boston, MA-continued Norfolk County, MA (nart)-continued	= t	i t	100							Bridgeport, CT Fairfield County, CT (part)	1						158,868	223,496
Bellingham town, MA					9	×		NA	8,940	Bridgeport city, CT	×	×	×	×	×	56,547	63,994	76,350
Braintree town, MA	•	×	×	×	×:	×	K	14,748	24,940	Easton town, CT			×	×	×	N.	N S	361
Brookline town, MA	:	× >	× >	×	× >	× ;	¥.	19,924	29,248	Fairfield town, CT	×		× ;	× ;	×÷	NA S	1/8,62	41,1/5
Canton town, MA		< >	< >	<>	< >	< >	N N	7,507	15,806	Monroe town, Cr.		× >	< >	< >	< >	NA 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	NA 770	7 724
Decham town, Ma	•	< >	< >	< >	< >	< >	N N	11 157	18 963	Shelton City, Ci		< >	< >	< >	< >	NA	24.97	29.461
Dover town, MA		< >	< >	< ×	< ×	< >	SIN	NA	NA	Trimball town (T	< >		< >	< >	< ×	NA N	9,006	17.078
Foxborough town, MA	• •	:		:	:	×		(0)	5,337	· · · · · · · · · · · · · · · · · · ·			:	:	:			
Franklin town, MA .					9	×		5,085	7,137	New Haven County, CT (part)	(1)							
Holbrook town, MA .		7	×	×	ì≍	×	N.	6,635	(0)	Derby city, Cl					×		7,947	9,722
Medfield town, MA .		'l×	×	×	×	×	NA	NA	5,554	/8	×	×	×	×	×	NA	24,059	34,824
Medway town, MA						×		(D)	(D)	1								
Millis town, MA	•			×	×	×	1,201	<u>(a)</u>	<u>(a)</u>	Bristol, CT								33,661
Milton town, MA	:	×	×	×	×	×	NA NA	3,258	4,210	Hartford County, CT (part)	_							
Needham town, MA .	•	×	×	×	×	×	NA		14,990	Bristol city, CT				6	×		25,385	31,486
Norfolk town, MA	•	٥	×:	×	× ;	×÷	\$		N N	Burlington town, CT					×		N.	TAA×
Original City: MA		< >	< >	<>	< >	< >	NA 207 20	C/6,CT	10,3/5 52 055		1							
Randolph form, MA	•	< >	< >	< >	< >	< >	NA VAN		13,714	ולי ולים בי	()			6	×		2.138	1.976
Sharon town, MA		:×	: ×	: ×	×	: ×	NA.		7,010	•				1	:			
Stoughton town, MA				1	7	×			11,358	Brockton, MA							68,749	83,240
Walpole town, MA .		×	×	×	l×	×	Š	5,285	8,476	Bristol County, MA (part)								
Wellesley town, MA		×	×	×	×	×	NA	11,879	14,265	Easton town, MA	Χ.	×	×	×	×	NA	3,273	3,773
Westwood town, MA .		×	×	×	×	×	Z	1,523	2,783									
weymouth town MA		×	×	×	κů	× :	S.	19,244	30,730	Norrolk County, MA (part)			:	:	:	:	(4)	5
wrentham town, MA.					١٥	4		S.	NA.		< >	٠ r	4	<	٧	N N	(a)	216
Dlymouth County Mil (next)	1446									Storehton term Ma			>	>	1/	S N	8.126	
Abinotes councy, in the	/a + c/				1/	*		A 077	8,076	יייי ייייייייייייייייייייייייייייייייי	•		4	•	-1			
- 22	• •		×	×	Ή×	×	NA	N	N	Plymouth County, MA (part.)								
Hanover town, MA			×	×	×	×	NA	NA	14,434	Abinaton town, MA			×	×	1/	NA	4,077	
Hanson town, MA					1	×		Z	N	Bridgewater town, MA .	×	×	×	×	×	NA	1,408	3,374
Hingham town, MA .		×	×	×	×	×	NA	8,519	18,089	Brockton city, MA	×		×	×	×	20,629	39,994	59,648
Hull town, MA		×	×	×	×	×	NA	2,675	2,393	town,	MA X		×	×	×	NA	NA	Z
Kingston town, MA .						×		NA NA	1,942	Halifax town, MA					×		NA	W
Marshfield town, MA			×	×	×	×	NA NA	Ŋ	10,723	Hanson town, MA			×	×	7	M	NA NA	
Norwell town, MA .			×	×	×	×	NA	NA	NA	Rockland town, MA	× •.	7				NA		
		ì	×	×	×	×	S.	8	<u>(a)</u>	town,	MAX		×	×	×	NA.	N	<u>e</u>
	•	-1	×;	×	⋈ :	×:	6,047	6,356	8,441	Whitman town, MA	×		×	×	×	NA	2,052	4,028
Scituate town, MA .			×	×	×	×	N.	4,480	7,813								001	200
Cuffolk County MA (111)	1							302 975	340 035	Brownsville-Harlingen-San Benito,		ži Ži	>	>	>	12 963	40,598	69,3/4
Boston city, MA	1	×	×	×	×	×	311,370	251.810	301.770	Cameron co., to.			¢	4	4			
Chelsea city, MA .		×	×	×	×	×	12,039	14,087	14,844	Bryan-College Station, TX								33,529
Revere city, MA		×	×	×	×	×	9,280	23,280	27,564	TX					×		16,921	33,529
Winthrop town, MA .		×	×	×	×	×	NA	3,698	4,857									
										Buffalo, NY	>	>	*	>	×		497,270	528.768
										Niagara Co., NY	×	: ×:	: ×	×	: ×	56,839	86,275	113,176

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

SMSA, political :	ļ	Areas included in SMSA 2/	eas including SMSA 2,	uded 2/		First	d store sales	ss 3/	GMC A COME		incl	nded		Food	Food store sales	38 3/
	1954	: : : : : : : : : : : : : : : : : : : :	1963	1967	:1972		1967	1972	subdivision 1/	: : : : : : : : : : : : : : : : : : :	3.1963	1967	1972	Year in :	1961	: : 1972
						1	1,000 dollars	ı ı							- 1,000 dollars	1 1 1 10
urlington, NC Alamance Co., NC					×		32,952	50,189	Cincinnati, OH-KY~IN—continued Campbell Co., KY	×	×	×	×	21.435	26.914	39,685
Carroll Co., OH	*	×	×	×	××	86,234	152,271 4,296 1 152,271	177,257 6,995 170,262	Kenton Co., KY Cleveland, OH Cuyahoga Co., OH	× ×	× ×	××	× ×	32,570	41,385 804,618 690,282	59,671 1,029,632 866.075
Cedar Rapids, IA Linn Co., IA	×	×	×	×	×	27,893	57,108 57,108	75,944	Geauga Co., OH	×	×××	×××	×××	11,626 26,136 20,533	13,758 74,857 25,721	20,870 107,425 35,262
Champaign-Urbana-Rantoul, IL Champaign Co., IL	O	×	×	×	×	23,535	51,042	59,938 59,938		o o	×	×	×	26,870	55,224	103,728
Charleston, SC Berkeley Co., SC Charleston Co., SC Dorchester Co., SC	×	×	××	××	×××	4,095 38,722	76,655 6,086 70,569	157,158 18,913 123,376 14,869	Teller Co., CO Columbia, MO Boone Co., MO				××		1,148	2,022 35,387 35,387
arleston, WV  Fayette Co., WV  Kanawha Co., WV	××	100×	×	×	×	13,572		132,841	Columbia, SC Lexington Co., SC Richland Co., SC	× × ×	××	××	××	10,774 32,029	82,311 21,191 61,120	142,653 43,115 99,538
Putnam Co., WVCharlotte-Gastonia, NC Gaston Co., NC	: >		: >	: >	:× ×>	09 64		281,405 67,138	Columbus, GA-AL Chattahoochee Co., GA Columbus Consol. Govt., GA 12. Russell Co., AL	×××	×××	×××	×××	122 30,737 5,962	59,714 140* 46,926 12,648	83,137 841 63,007 19,289
Union Co., NC	1		×	<b>×</b>	<b>×</b>	10,819	12,809	22,772	Columbus, OH Delaware Co., OH		×	×	×	9,475	305,004	498,715
Catoosa Co., GR	* >	* >	××	* >	×××	5,287		203,202 6,720 4,532 23,308	Fairfield Co., CH Franklin Co., OH Madison Co., OH Pickaway Co., OH	×	××	××	××××	161,203	21,836 282,444 9,826 10,326	33,958 416,895 14,169 15,474
Marion Co., TN	•		•	•	××		5,777 1,706	11,898 2,189	Corpus Christi, TX Nueces Co., TX	× ×	×	××	××	51,541	96,668	140,005 123,800 16,205
Icego, IL Cook Co., IL Kane Co., IL Cake Co., IL Kenry Co.	×××××××	XXXXXX	×××××	×××××	×××××	1,327,760 55,824 48,069 62,063 18,065 40,900 119,921	2,616,333 2,075,753 183,228 103,372 140,497 37,889 75,594	3,318,003 2,567,527 134,665 186,272 54,962	Dallas, TX (See Dallas-Ft. Worth, Collin Co., TX Dallas Co., TX Denton Co., TX Ellis Co., TX Kaufman Co., TX Rockwall Co., TX	A TX SASA X X X X X X X X X X X X X X X X X X X	A x x x	7		10,307 214,754 11,273 11,014	508,781 18,131 444,827 21,645 13,830 9,185	7 29
Cincinnati, OH-KY-IN Clermont Co., OH Hamilton Co., OH Warren Co., OH Dearborn Co., IN Boone Co., KY	×	×	××××	××××	××××	26,921 225,477 18,255 8,791 4,841	475,899 30,459 341,230 22,440 8,702 4,769	630,527 34,443 430,278 37,208 12,415 16,827	Dallas-Fort Worth, TX (See Dallas, before 1972) Collin Co., TX Dallas Co., TX Denton Co., TX Elis Co., TX Hood Co., TX	ži.	d For	and Fort Worth, X X X X X X X	xxxxx	SMSA's	18,131 444,827 21,645 13,830 1,755	1,213,567 32,528 679,359 38,889 20,451 4,002

Continued—

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

		ni sec	Areas included	70	-	Pood	Food store sales	3/	: Areas included	nded		Food st	Food store sales	3/
		in SMSA 2/	A 2/	,	.!".	First :		5		2/	First	rst :		
	1954:1	: 958:19	963:19	67:19	972: S	year in : SMSA 4/ :	1967	1972	subdivision 1/ : : : : : : : : : : : : : : : : : :	1967:19		year in : SMSA 4/ :	: 1961	1972
			_	-		1,0	1,000 dollars	1				1,00	1,000 dollars	ı I
Dallas-Fort Worth, TXcontinued	jed								Detroit, MIcontinued					
Ė					×:		14,203	21,846	, MI	>	××	70 600	16,731	27,583
Kaufman Co., TX					××		7,530	11,749	Oakland Co., MI X X X	< ×	П			510,403
Rockwall Co., TX					×		1,163	1,306	MI					59,875
Tarrant Co., TX					××		236,198	377,153 8.839	Wayne Co., MI X X X	×		765,141 1,	1,044,192 1,	277,146
Wise Co., IA					۲		000						28,576	42,098
Danbury, CT								73,316	Dubuque Co., IA X X X	×	×	17,797	28,576	42,098
Fairfield County, CT (part)					>		5 A 23	4 399	Pallith-Smerior. MN-647				996,76	113,066
Bethel town, Cr.					< ×		NA NA	(D)		×	×	12,319	13,257	19,202
Danbury city, CT					×		28,189	45,412	х х	×		58,637	84,709	93,864
New Fairfield town, CT					××		MA 1002	(D)	CMCA				60.260	
Redding town, CT					< ×		N	S S	NC X	××		21,333	43,506	
Litchfield County. CT (part)	_									:				
New Milford town, CT					×		5,107	7,004	El Paso, TX El Paso Co., TX X X X	×	×	56,091	89,077 89,077	145,813 145,813
Davenport-Rock Island-Moline, IA-IL	IA-IL						129,432	169,296						CE 607
Benry Co., IL	>	>	××	× >	× >	12,772	17,059	22,262	Elmira, NY		×		39,745	55,687
Scott Co IA	< ×	< ×	< ×	< ><	< ×	26,520	50,506	69,602	n					
BO COST							294.161	409,688	Erie, PA Erie Co., PA x x x	×	×	60,293	90,372 90,372	132,657
Greene Co., OH	×	×	×	×:	×	14,560	31,263	47,334						115,859
Miami Co., OH	×	××	××	××	××	20,623	29,21/	309,220	Eugene-Springrield, OK	×	×	43,182	70,802	115,859
5	:	:	×	×	×	7,575	8,921	12,284	VA 137				91 408	128.425
Daytona Beach, FT.								114,650	Evansville, in-Kr Gibson Co., IN		×			11,193
Volusia Co., FL					×		68,012	114,650	>	>		43 057	5,545	7,259
Decatur, IL							45,129	55,865		:×>	:×>	4,793	6,536	10,280
Macon Co., IL	×	×	×	×	×	28,789	45,129	25,865	Henderson Co., KY	<		3,400	077 677	CTC'OT
Denver-Boulder, CO	;	>	>	>	>	0,062	394,970	671,710	Fall River, MA-RI Rristol County, MA (part)				50,517	76,479
Arabahoe Co., CO.	< ×	۷ ×	< ×	< ×	< ⋈	25,663		99,747			×		NA	NA.
Boulder Co., CO	1	×	×:	×	×	18,777		78,475	ж × ×	× >	× >	28,431 NA	34,293	14.312
Denver Co., CO	×	×	×	×	××	13/,999		870°2		< ×	< ×	S S	797	(Q)
Gilpin Co., O	;	;	>	>	:×>	25 100	81	140 412	A A	×	×	NA	1,968*	NA NA
Jefferson Co., W	×	<	<	4	<	901607	10/12/	771.1047	Newport County, RI (part)					
Des Moines, IA Polk Co., IA	×	×	×	×	×	61,545	119,635	162,735	Little Compton town, RI Portsmouth town, RI	>	×××	NA NA	AN NA	2,659 4,576
Warren Co., IA					<		0,000	COTIO	49	:	:	i		
Detroit, MI Lapeer Co., MI				13/	×		1,606,007	2,263,735 23,299						

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

		Are	ni se	Areas included	\ \		Food	store sales	3/			Areas included	ac included	المال		Food	store sales	3/
SMSA, political	!	ı.a	in SMSA	A 2/	,	,  <u>"</u> 			1	SMSA, political		in SMSA	MSA 2				••	1
subdivision 1/	119	:1954:1958:1963:1967:1972:	58:19	63:19	67:19		year in : SMSA 4/ :	1967	1972	subdivision 1/	:1954	1954:1958:1963:1967:1972	1963:	1967:		year in : SMSA 4/ :	1967	1972
							1,0	1,000 dollars	î î							1,0	1,000 dollars	1
Fargo-Moorhead, ND-MN Clay Co., MN		υc	O C	××	××	××	5,318	38,050 15,348	53,174 23,651 29,523	Fresno, CA Fresno Co., CA		×	×	×	×	96,392	153,017 153,017	208,876 208,876
. O.		)	)		: ×	: ×		41,329	62,078 62,078	Gadsden, AL Etowah Co., AL	× •	×	×	×	×	20,236	27,984	43,058 43,058
Fayetteville-Springdale, AR	o:					>		13.429	68,622	Gainesville, FL Alachua Co., FL	:				×		36,760	62,862 62,862
Washington Co., AR						: ×		23,601	38,522	Galveston-Texas City, TX Galveston Co., TX	×	×	×	×	×	32,151	64,030 64,030	84,984
Fitchburg-Leominster, MA Middlesex County, MA (part) Shirley town, MA Townsend town, MA	£ : :		×	××	××	××	NA NA	33,773 NA NA	51,847 NA NA	Gary-Hammond-East Chicago, Lake Co., IN Porter Co., IN	N	× × ×	××	××	××	119,921 9,258	242,682 221,583 21,099	329,405 294,978 34,427
<u>г</u>	£ : :		××>	××>	××>	××>	16,863 8,740	18,751 13,911	30,410 19,341	Grand Rapids, MI Kent Co., MI Ottawa Co., MI	× 	×	××	××	××	89,826 28,883	223,456 180,539 42,917	345,764 267,423 78,341
Westminster town, MA .	• •		4	< ×	<b>*</b>	<×	S S	<b>S S</b>	N N	Great Falls, MT Cascade Co., MT		O	×	×	×	16,037	28,131	37,278
Flint, MI Genesee Co., MI Lapeer Co., MI Shiawassee Co., MI		×	×	××	××	×	94,248 10,839	189,164 174,401 14,763 22,276	273,327 244,171 29,156	Green Bay, WI Brown Co., WI		×	×	×	×	31,400	49,788 49,788	71,734
TK comments	,								40 514	Greensboro-High Point, NC (See	(See Gr	eensbo	ro-Wi	nston	Salen	Greensboro-Winston Salem-High Point, NC SNSA	t, NC SMSA	for 1967
Colbert Co., AL.	•					××		14,672	19,117	and 1972) Guilford Co., NC	× ·	×	×			48,381		
/wood,	E :	c)	c	×	×	: ×	49.506	224,031	460,986	Greensboro-Winston-Salem-High Salem, NC SMSA's before 1967) Pavideon Co NC	High Poi 1967)	Point, NC	(See	Gree	nsbord	(See Greensboro-High Point, NC and 195,503 x		Winston 337,544 34,122
						>		35,156	73,551	Forsyth Co., NC Guilford Co., NC				×××	×××		71,298	109,898 146,063 30,773
Fort Smith, AR-OK								49,668	75,156	Stokes Co., NC Yadkin Co., NC	• • •			: ×	:××		3,960	6,029
Crawford Co., AR Sebastian Co., AR Le Flore Co., OK Sequoyah Co., OK		×	×	××××	××××	××××	4,359 17,345 6,032 2,553	6,418 30,242 6,737 6,271	10,451 43,593 11,900 9,212	Greenville-Spartanburg, SC Greenville Co., SC Pickens Co., SC	×	×	××	××	××	39,287 10,313	100,683 83,569 17,114	240,924 130,705 25,512
Fort Wayne, IN Adams Co., IN Allen Co., IN		×	×	×	×	×××	39,998	105,743 7,719 105,743	169,752 11,190 134,844	Spartanburg Co., SC Hamilton-Middletown, OH . Butler Co., OH	· · · ·	×	×	×	× ×	40,944	70,204 70,204	106,217 106,217 106,217
Wells Co., IN						< ×		7,389	9,005	Harrisburg, PA	>		×	×	×	24.640	135,511	210,083
Fort Worth, TX (See Dallas-Fort Worth, Tarrant Co., TX X X Johnson Co., TX X X	Fort	Worth X	ř	SMSA X	x x g	1972)	126,226	250,401 236,198 14,203			: × · · ·	: ×	××	××	××	47,133	70,661	109,335

See footnotes at end of table.

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

3/		1	1,126,394 62,723	25,191	21,872	29,094	6,151	142.433	30,695	54,328	15,209	28,410	10111	119,803	13,926	79,527	000,02	510,166	9,568	20,341	14,846	24,267	970 275	24.243	16,826	0	73,906	2000	130,355	15,515	301.244	2,977	13,043	255,772	20,137		245,761		111,983	28,010	
Food store sales it: in: 1967 :	••	1,000 dollars	674,053 1, 35,059	13,146	13,259	12,704	3,728	101.10	19,411	39,954	9,794	21,942	0,400	68,461	9,112	59,349	C0/ 18T	381.053	7,005	12,842	7,687	11,415	22,434	16.044	12,453	1	53,353	22,022	84,545	8,351	183 401	2,614	6,815	183,401	12,078		227,375	200	79,177	19,382	
Food s First : year in :	SMSA 4/:	I,0			291, 368				10,969	27,434	4,192	13,536			4,612	14,696				9,137	6,569	10,427	15,494	12,064	9,514		102 00	73 t 37T	000	5,679				108,494			101 246	OFC TOT	41,385	14,250	
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Areas included in SMSA 2/	:1954:1958:1963:1967:1972:				×				×	: ×	×	×			U	ပ							:	×			>	×	1	×				×			>	<	>	< ×	
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SMSA, political subdivision 1/			uston, TX	Fort Bend Co.,	Harris Co., TX	Liberty Co., in Montgomery Co.,	Waller Co., TX		ngton	Lawrence co., on Cabell Co., WV	Wayne Co., WV	Boyd Co., KY	Greenup Co., KY	סוויי	Limestone Co.,	Madison Co., AL	Marshall Co., AL	•	napot	Hamilton Co.	Hancock Co., IN	Hendricks Co., IN	Johnson Co.,	Marion Co., IN	Morgan Co.,	, T	on,	Jackson Co.,	on, M	Hinds Co., MS Rankin Co., MS		Jacksonville,	Clay Co Pf.	Duval Co., FL	Nassau Co., FL		Jersey City, NJ	Hudson Co., NU	Johnstown, PA	Cambria Co., PA Somerset Co., PA	
1 22			Houston, TX	For	Har	Mon	Wal		funtington-Ashland, WV-KY-OH	Cab	Way	Bo.	Gre	Hunterille AL	Li	Mad	Mar	;	Indianapolis, in	2 1	Ha	Hen	Joh	Mar	Mor	ğ	Jackson, MI	Jac	Jackson, MS	Hin		Jacks	E C	Duv	Nas	נ נ	Jerse	Hud	Johns		
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3/		1	361,560	NA NA	6,908	NA NA	26,595	Ø	25,289	9,364	2	51,348	36,724	NA 18 950	5,919	11,888	3,503	2	47,036	NAN	4.971	!		Z.		<u>(a)</u>	N	( <u>0</u> )		2,828		<b>E</b> 9	S S	<u>(a)</u>	Z S	£ (2)	NA	18,041 NA		310,586	
sales	**	llars	345	_	91/		389	126	187	5,900 6,440		240	541	٠ ا	1,474	4,066	-		7 2	00	4.819			<b>a</b> *		280	1,841	143		NA		<b>§</b> 9	¥ 8	,832	5 5	<b>£</b> (2)	Z	105		881	1
Food store sales it : :		1,000 dollars	260,645	2	10,716	<b>E E</b>	22,889	3,026	19,187	2 6	Ø	59,240	25,6	AN OL	10,1	4,	N.	N	38,142	AN AN	4.8			NA		1,(	1,8	3,		_		~ .	-	1,1			. –	12,105		194,881	
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Areas included in SMSA 2/	:1954:1958:1963:1967:1972:			×	×	×	×	×	×	× ×	4	×	×	٥	< >	: ×	×	×	×:	× >	< >	4				×	•											×		>	<
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SMSA, political			rg,	Martiord County, CF (part)	Bloomfield town, CT .	Canton town, CT	East Granby COWII, CI . Rast Hartford town. CI	East Windsor town, CT.	Enfield town, CT	Farmington town, CT.	Graph, town (T	Hartford city, CT	Manchester town, CT	Marlborough town CT	Newington town, CI	Simshiry fown, CT.	South Windsor town, CT	Suffield town, CT .	West Hartford town CT	Wethersfield town, CT.	Windsor town, CT.	Wildsol Locks comity of	Litchfield County, CT (part)	New Hartford town, CT		Middlesex County, Cl (part)	East Hampton town, CT	Portland town, CT	New London County, CT (part)	Colchester town, CT	Tolland County, CT (part)	Andover town, CT	Bolton town,	Coventry town, CT	Ellington town, CT	Hebron town, CT.	Tolland town,	Vernon town, CT	Willington town,	10, H	HONOLULU CO., HI
SW			Hartford, CT	Hart.	B	S S	E C	E E	E	Fa	ל ל	Hai	Mai	Ma	NG.	2 5	S	Su	We	¥.	WI.	M	Litc	Ne		Midd	ig Eg	Po	New	8	Toll	An	<b>&amp;</b> (	3 8	EI	H d	N G	N.	IM	Honolulu, HI	Hono

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

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		reas	Areas included	ded	"'	g	store sales	3/			Areas	Areas included	nded		Food s	Food store sales	3/
subdivision $\underline{1}/$	1054	1050	: : : : : : : : : : : : : : : : : : :	1967		First : year in :	: 1961	1972	SMSA, political subdivision $1/$		#	SMSA	7	in SMSA 2/	First	1961	: 1972
	170%	1270	1703	1207	12/61	ACIDO 4	•			CAT:	130	COATE	120/1	13/5:	SMSA 4/ :		
						1,0	1,000 dollars	1							1,0	- 1,000 dollars	1 1
Kalamazoo-Portage, MI Kalamazoo Co., MI Van Buren Co., MI	×	×	×	×	××	35,292	83,158 83,158 21,806	141,830 111,180 30,650	Lansing-East Lansing, MI Clinton Co., MI	• •		××	××	××	6,498	125,561 9,623 20,866	186,866 19,358 26,117
Kansas City, MO-KS			>	>	>	740	461,387	615,451	Ingham Co., MI Ionia Co., MI	• •	×		×	××	52,852	95,072 15,109	119,643 21,748
Clay Co., MO	××	××	< × × >	<××>	<××;	15,688	44,907	61,471 327,123	Laredo, TX Webb Co., TX	:	×	×	×	×	11,505	23,886 23,886	44,166
Ray Co., M. K.S	××	××	< ××	< ××	<×××	23,534	4,099 65,334 68,606	13,037 8,268 97,905 89,227	Las Vegas, NV Clark Co., NV	:	ນ	*	×	×	29,537	105,139 105,139	175,337
Kenosha, WI Kenosha Co., WI	×	×	×	×	×	23,535	38,955 38,955	54,839	Lawrence-Baverhill, MA-NH Rockingham County, NH (part) Atkinson town, NH	(part)				×		87,237 NA	141,107 NA
					>		000	62,423	Kingston town, NH .			٥	٠	××	-	<b>E E</b>	N N
Coryell Co., TX					××		4,752	9,618	Plaistow town, NH		× >	< × >	< × >	< × >	<b>5</b> 5 5	NA NA	NA Ac
Kingsport-Bristol, TN-VA					×		4 082	105,137	Windham town, NH		4		4	< ×	S	NA	NA
Washington Co., VA					< × :		6,279	14,152	Essex County, MA (part)					;			
Hawkins Co., IN					< ×		9,902 6,527	12,091	Amesbury town, MA Andover town, MA	::	×	×	×	××	NA	8,453	9,687
Sullivan Co., TN					×		34,152	61,300	Georgetown town, MA .		×	××	××	××	es es	AN AN	A C
Knoxville, TN Anderson Co., TN	×	×	×	×	×	15,451	132,474	200,014	Haverhill city, MA . Lawrence city, MA		:××	××	:××	:××	17,506	20,122	29,141
Blount Co., IN	××	××	××	××	× >	15,191	18,037	28,542	Metrimac town, MA		>		××	××	8 8	NA SCC.	NA L
Union Co., TN	¢	4	4	4	×	000	925	2,379	North Andover town, M	• ~	< ×		×	< × :	NA NA	1,848	12,328
La Crosse, WI La Crosse Co., WI					×		26,753	37,025 37,025	Salisbury town, MA . West Newbury town, MA			×	×	××	NA NA	<b>£</b> £	<b>E</b> E
Lafayette, LA Lafayette Parish, LA	O	Ü	×	×	×	8,940	33,387	56,609	Lawton, OK Comanche Co., OK		O	×	×	×	13,716	22,835 22,835	31,944 31,944
Lafayette-West Lafayette, IN Tippecanoe Co., IN				×	×		41,188	51,004	Lewiston-Auburn, ME Androscoggin County, ME Auburn city, ME	(part)	×		×	×	926,9	29,827	43,249
Lake Charles, IA Calcasieu Parish, IA	O	O	×	×	×	20,619	49,068	67,499	Lewiston city, ME Lisbon town, ME		××	××	××	××	14,131 1,517*	15,703	23,780
Lakeland-Winter Haven, FL Polk Co., FL					×		81,456	135,371 135,371	Lexington, KY Bourbon Co., KY Clark Co., KY	• •		,	,	×××	94	61,007 6,787 8,049	128,442 8,722 12,574
Lancaster, PA Lancaster Co., PA	×	×	×	×	×	54,301	104,937	155,471 155,471	Jessamine Co., KY Scott Co., KY Woodford Co., KY	• • • • •	<		<	<×××	74,400	3,845 5,482 5,325	6,282 7,732 5,691

Continued

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

		2	Brose included	100	7		Pood	store sales	3/			Areas included	incl	nded		Food	Food store sales	5 3/	
SMSA, political		11. 1	in SMSA	SA 2/	,	.'			1072	SMSA, political		ij.	SMSA.	7.		: First : vear in	1967	: 1972	
subdivision 1/	:19	54:19	1954:1953:1963:1967:197	963:1	967:1	:	year in : SMSA 4/ :	1967		/T HOTSTATEONS	:1954	: 1958	:1963	:1967	:1954:1958:1963:1967:1972:	SMSA 4/			
							1,	1,000 dollars	1							1,	1,000 dollars	1 1	
Lima, OH Allen Co., OH Auglaize Co., OH Putnam Co., OH	• • •	×	×	×	× ××	××××	24,913	56,906 40,889 14,723 6,948 9,069	91,053 50,666 19,353 8,589 12,445	Macon, GA Bibb Co., GA Houston Co., GA Jones Co., GA Twiqus Co., GA	×× · · · · ·	××	**	**	××××	28,125 5,466	69,953 54,249 15,704 1,183	105,758 76,060 26,089 2,422 1,187	
Lincoln, NE		×	×	×	×	×	25, 263	50,112	66,168 66,168	Madison, WI Dane Co., WI		×	×	×	×	46,647	85,411 85,411	135,581	
[‡	- · Boc	AR ×	×	×	××	××	47,082	99,669 92,013 7,656	151,525 137,530 13,995	Manchester, NH Hillsborough County, NH Bedford town, NH	(part)		××	××	××	NA 1,342*		81,046 NA 2,048	
Long Branch-Asbury Park,	₹.					×		184,764	295,566 295,566	Goristown town, na Manchester city, NH		<×				.,	42,683	61,661	
Lorain-Elyria, OH Lorain Co., OH	•	×	×	×	×	×	46,997	90,133 90,133	120,232 120,232	Merrimack County, NH Allenstown town, NH Hooksett town, NH Dembroke town. NH A	(parc)		^	×	×××	NA	AN NA	NA NA 807	
Los Angeles-Long Beach, Los Angeles Co., CA . Orange Co., CA $\frac{5}{5}$	5 · ·	××	××	×	×	×	1,625,952	2,829,373	3,643,167 3,643,167	. E . 2	(part)				××		4,044 NA	10,491 NA	
Louisville, KY-IN Clark Co., IN	• •	××	××	××	××	××	14,106	278,768 27,536 17,677	409,559 52,135 25,787	Mansfield, OH Richland Co., OH	•			~	×		47,938 47,938	61,910 61,910	
Bullit Co., KY Jefferson Co., KY Oldham Co., KY		×	×	×	×	×××	138,813		7,214 319,695 4,728	MCAllen-Pharr-Edinburg, Hidalgo Co., TX	¥1 .				×	5	44,135	66,668 66,668	
Lowell, MA-NH Hillsbarowh County, NH (part)	NH (par	1						69,259	720,96	Melbourne-Titusville-Coca, Brevard Co., FL	ca, FL				×		87,617	116,106	
Pelham town, NH		ì				×		NA	NA	Memphis, TW-AR-MS Shelby Co., TN	•	×	×	×	×	131,968	222	.,,,,,	
Middlesex County, MA (pair) Billerica town, MA Chelmsford town, MA	(part)	×××	××>	×××	×××	×××	A A A	9,599 14,268 4,520		Tipton Co., TN De Soto Co., MS Crittenden Co., AR .				×	××× ×	( ( 9,545	5,830 4,855 14,184	12,500	
Lowell city, MA	• •	< × >	< × ×	××	< × ×	:××	25		3,3								23,112	29,512	
Tewksbury town, rw . Tyngsborough town, MA	. Æ .	<	×	××	××	××		508* 851		County, CT city, CT .	(part)	υ	υ	×	×	( 13,353	3 23,112	29,512	
Lubbock, TX Tarbbock Co. TX	•	×	×	×	×	×	32,221	54,317	85,741	Miami, FL Dade Co., FL	•	×	×	×	×	x 215,151	476,004	742,229	
5		O	×	×	×	×	2,757	4		Midland, TX Midland Co., TX	•	ں ن	U	×	×	X 14,957	24,306	29,953 29,953	
Appoint to		ပ္ပ	××	××	××	×××	4,208		3,616 14,592 41,035	Milwaukee, WI Milwaukee Co., WI Ozaukee Co., WI	• •	>4	×	××	××	X 266,246 X 11,843	497,610 6 387,597 3 15,093	645,006 470,393 28,107	

Contri mued

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

CMCh molitical		Areas included in SMSA 2/	eas incluc	g \	'	Pira	Food store sales	s 3/	: Areas included : in SMSA 2/ : Firs	Food store sales	8 3/
	1954	1954:1958:1963:1967:1972:	1963:	1967:	1972:		1967	1972	vision 1/ : : : : : : : : : : : : : : : : : :	1967	1972
						1	1,000 dollars	1 1 19	1	- 1,000 dollars	1 1 122
Milwaukee, WIcontinued Washington Co., WI Waukesha Co., WI		×	×	××	××	36,290	17,443	29,289 117,217	Nashville-Davidson, TNcontinued Summer Co., TN 10,021 Williamson Co., TN x x 7 215 Williamson Co., TN x x 7 215	14,704	24,256
Minneapolis-St Paul, MN-WI St. Croix Co., WI Anoka Co., MN	×	×	×	×	××	8,325	30 (1	853,021 11,309 66,845	( (See New York, NY-NJ SMSA before 1972)	672,499	1,628,529
Carver Co., MN			>	>	×××	10 475	3,982	6,439 57,648	Suffolk Co., NY X	355,198	74.984
Hennepin Co., MN Ramsey Co., MN	<××	<××	<××	< × ×	< × ×	201,281	, <del>2</del> 2 5	420,992	y, MA (part)	481	530
Scott Co., MN		×	×	×	×××	8,962	6,404 17,618 8,406	15,277 30,227 15,789	Partmouth town, MA X X X X NA Faithaven town, MA X X X X NA Faithaven town, MA X X X X X X NA NA Freedom town, MA X X X X X X X X X X X X X X X	3,572 NA 36,645	14, 213 6,889 NA 49,340
Mobile, AL Baldwin Co., AL Mobile Co., AL	×	×	××	××	××	13,304	109,412 13,652 95,760	177,929 24,863 153,066	art)		N S
Modesto, CA Stanislans Co., CA					×		70,801	112,403	Mattapoisett town, MA	8 8	22
Monroe, LA	,							71,690	(part)	54,713	77,397
Ouachita Parish, IA	υ.	O	×	×	×	17,647	37,155	71,690	××	6,527	177,6
Montgomery, AL Autauga Co., AL Elmore Co., AL			×	×	= ××	7,573		101,376 9,618 12,642	****  ****  ****  ****  ****  ****  ****	31,501 6,982 9,703	38,635 10,189 18,802
Montgomery Co., AL	×	×		×	×	29,663		79,116	Litchfield Co., (part) v 0/		
Muncie, IN Delaware Co., IN	×	×	×	×	×	24,755	42,000	57,548	ambon-Sauravi]]a. M7		338.465
Muskegon-Muskegon Heights, MI	н	*	×	×	×	38,903	64,730	101,158 90,945	Middlesex Co., NJ X	217,724	338,465
•					×	•		10,213	New Haven-West Haven, CT Middlesex Comtv. CT (part)	140,687	228,072
Nashua, NE Hillsborough County, NH (part)	art)							65,613	Clinton town, CT X Killingworth town, CT X	3,531 NA	5,428 NA
· · · · · · · · · · · · · · · · · · ·					×××:		3,915 NA	6,916 NA	[ (part)		AN S
Milford town, NH					××		26,729	47,055	BERILOGO COWN, CI	13,645	13,519
Nashville-Davidson, TN					>		203,921		× × × ×	24	39,529
Davidson Co., IN	×	×	×	×	< × >	82,554			× × × × × × × × × × × × × × × × × × ×	55,	53,512
Robertson Co., IN Rutherford Co., IN					<××		6,661 17,518	10,317 24,843	×× ×× ×× ×× ×× ×× ×× ×× ×× ×× ×× ×× ××	7,820 NA	21,717

See footnotes at end of table.

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

New Haven-West Haven, CT—continued New Haven-West Haven, CT—continued New Haven County, CT (part)—continued Wallingford town, CT (x x x x x x x x x x x x x x x x x x x	1958:196	1	-			•		SWSA, political :	17	12 ACING UI		- 	First : :	••	:
Haven-West Haven, CI—continued was Haven County, CT (part)—cont Wallingford town, CT		963:10	967:19	:	year in :	1967	1972		:1954:1958:1963:1967:1972:	1963	1967:	1972:	year in : SMSA 4/ :	1967	1972
Haven-West Haven, CT—continued Wallingford town, CT (part)—conf West Haven city, CT 15/ X Woodbridge town, CT X London-Norwich, CT-RI ashington County, RI (part) Hopkinton town, RI					1,00	1,000 dollars	1						1,00	- 1,000 dollars	1
Wallingford town, CT.  West Haven city, CT 15/ X Woodbridge town, CT X London-Norwich, CT-RI Behington County, RI (part) Hopkinton town, RI	a tinued							New York-Northeastern New Jersey, NY-NJ (after 1954 see New York, NY-NJ; Jersey (NJ; New Brunswick-Perth Amboy-Sayreville, NJ; Paterson-Clifton-Passaic, NJ; and	ey, NY-N -Sayrevi	J (aft	er 19 U; Pat	54 see terson	New York, -Clifton-Pa	NY-NJ; Je	sey City, and
part)	>		>	××	NA.	14,660	22,669	Newark, NJ SMSA'S) Bronx Co. NY	×				393,149		
London-Norwich, CT-RI ashington County, RI (part) Hopkinton town, RI Westerly town, RI iddlesex County, CT (part)	< ×	< ×	< ×	< ×	N N	AN .	NA	Kings Co., NY	×				753,609		
London-Worwich, Li-ku asshington County, RI (part) Westerly town, RI Westerly town, RI						67.477	131,572	Oueens Co., NY	< ×				543,251		
Hopkinton town, RI Westerly town, RI								Richmond Co., NY	×				59,312		
Westerly town, RI iddlesex County, CT (part)				×:		NA C	NA 971 31	Nassau Co., NY	× >				28,461		
iddlesex County, CT (part)				×		106,11	0/1/07	Suffolk Co., NY	< ><				131,154		
E 114 114 1								Westchester Co., NY	×				243,319		
Old Saybrook town, Cr.				×		NA NA	NA	Bergen Co., NJ	× >				272,086		
								Budgen Co. N.	< ×				181,346		
New London County, CT (part)				>		NA	NA	Middlesex Co. NI	; ><				84,398		
Bozrah town, CT		>	>	< >	3,859	3,583	8.322	Morris Co. N.	×				60,264		
East Lyme town, Cr.		< >	< >	< >	N.	N.	<u>(a)</u>	Passaic Co., NJ	×				118,445		
Griswold town, CI		<b>*</b>	: ×	×	M	9,815	15,025	Somerset Co., NJ	×				26,735		
Todiesed from (T		×	×	×	NA	NA	1,013	Union Co., NJ	×				141,644		
Lishon town, Cl		×	×	×	NA	Z	NA				1		IV NT CMCA		
Montville town, CT		×	×	×	AN .	N I	4,590	Newark, NJ (Also see New York-Northeastern New Jersey, Mi-No Star	Northear	rern i	ew oe	rsey	AGNO ON-IN	750.413	1,093,880
New London city, CT		×:	×	× >	10,958	27 244	11,879	EDE 1934)			×	×	272,086		442,774
Norwich city, CI		< >	< >	< >	NAN T	N	2	Morris Co. NJ	C	×	×	×	60,264	154,325	232
Old Lyme town, Cl.		< >	< ×	; ×	Ź	NA	NA	Somerset Co., NJ				×		81,267	111,214
Preston towns of		: ×	×	×	NA	NA	NA	Union Co., NJ	ر د	×	×	×	141,644	727,587	304,/56
Stonington found (7)		×	×	×	8,445	6,170	7,408							200	146 002
		×	×	×	772	( <u>o</u> )	10,612	Newport News-Hampton, VA				>		4 864	7,979
						100	201 105	Gloucester Co., VA				< >		853	1,456
New Orleans, LA				1		405,541	004,190	James City Co., VA			>	<b>;</b> ×	1.684	3,696	
ish, LA		×	×	×	33,430	130,77	234,333	TOTK CO., VA			<b>:</b> ×	<b>;</b> ><	16 419*	42,359	56,293
Orleans Parish, LA X	×	×:	×:	×	170,821	070,052	39,648	Memort Mana city VA	: ×	: ×	: ×	×	16,117	36,238	5
		× ;	κ :	۷:	26/17	10,000	34 530	THE SITE OF THE STATE OF THE ST			1		9.717		
St. Tammany Parish, LA		×	×	×	14,0/9	6T 6033	00000	Williamsburg city, VA		21		×		9,037	16,314
Name of the New York-Northeastern New Jersey	heast	ern Ne	ew Jer	sey,	NY-NJ SMSA		and							000 501	201
Naggara Suffolk, NY SMSA for 1972	5)					4,545,905	545,905 4,943,237	Norfolk-Virginia Beach-Portsmouth,			>	>	שטני פו	23 401	42,690
		×	×	×	393,149	474,987	474,987 583,338	Chesapeake city, VA	ΞI	٧ ا	<	< >	20,200	2017	1
		×	×	×	753,609	915,336	1,087,723	Nansemond city, VA			>	< >	888 88	100.824	120
	×	×	×		342,092	672,499		Norfolk city, VA			۷,	<	090,000	TOOLOGE	1
New York Co. MY C		×	×	×	636,786	709,535	901,578	Norfolk Co., VA	×	e e	,	>	23,240	735	50.728
				×		15,028	24,335	Portsmouth city, VA			۲ .	<	2000	CC / 4 TE	5
		×	×	×	543,251	808,847	969,381	Princess Anne Co., VA					0,000		
XI		×	×	×	59,312	104,095	162,577					>	4,120	11.506	3
		×	×	×	28,461	93,112	128,900	Suffolk city, VA	>	>	>	< >	700 3	070, 15	2
Suffolk Co., NY C	×	×	×		131,154	355,198	644	Virginia Beach City, VA	4	د د		< >	10710	1,306	2,616
NY		×	×	× :	243,319	417,290	127,044	CULTITUCK CO., INC				:			
Bergen Co., NJ			16/	×			797 1 OT								

See footnotes at end of table.

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

5ales 3/ 7 : 1972	llars	68,406 114,721 60,323 99,065 8,083 15,656	132,272 170,383 81,121 94,404 44,084 66,826		1,509 3,163 495 1,588	7,295 10,583 10,789 17,410 23,656 29,865	2,	070 244,692 984 84,847 364 250,323 012 136,163		6, 4,	959 38,866 959 38,866	330 1,078,530 921 712,967 352 97,386	-	51	NA NA NA 921 (D) NA NA NA NA NA NA NA NA NA NA NA NA NA	7
in: 1967:	- 1,000 dollars	32,987 60 3,105 8	132,272 43,217 81,121 22,670 44,084		1,	10,	1,678,804		187 223,115 832 262,257 436 654,069	.,,,,,	27,959 767 27,959	884,330 418 603,921 488 82,852	_	4,453	,	
Firs year SMSA	1	32,	43,	6,			33,	23,902 23,902 49,871 38,384	126,187 110,832 526,436	113,657	16,767	438,418	79,		AN AN AN AN AN AN AN AN AN AN AN AN AN A	
1972:		××	××	< ×	××	×××	×	××××	×××	×	×	×××	< × -	×	×××××	×
in SMSA 2/ in SMSA 2/ iii iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii		××	××	< ×			×	××××	×××	×	×	××>	< ×		××××	4
in SMSA 2/ in SMSA 2/ : : : :1958:1963:196		××	××	< ⋈			×	××××	×××	×	×	×××	< ×		××××	•
in SMSA in SMSA : :		××	××	¢	1, VP		×	××××	×××	×	ပ	×××	< ×		× ×××	•
		υυ	××	¢	pewe]		×	××××	×××	×	ပ	×××	< ×		× ××	•
		FL ,			lal Heights-Ho VA	S city, vA . VA	NJ NJ		PA	AZ	AR	PA	.o., PA	y, MA (part)	MA town, MA	own, MA
SMSA, political subdivision 1/		Pensacola, FL Escambia Co., F Santa Rosa Co.,	Peoria, IL Peoria Co., IL	Woodford Co., IL	Petersburg-Colonial Heights-Hopewell, VA Dirwiddie Co., VA Prince George Co., VA	Colonial Heights city, Hopewell city, VA Petersburg city, VA	Philadelphia, PA-NJ Burlington Co., NJ	Camden Co., NJ . Gloucester Co., NJ Bucks Co., PA Chester Co., PA .	Delaware Co., PA Montgomery Co., PA Philadelphia Co.,	Phoenix, AZ Maricopa Co., A	Pine Bluff, AR Jefferson Co., AR	Pittsburgh, PA Allegheny Co., Beaver Co., PA	, 0	Pittsfield, MA Berkshire County, MA Adams town, MA	Cheshire town, MA. Dalton town, MA. Lanesborough town, Lee town, MA. Lenox town, MA.	Stockbridge town, WA Portland, ME
1972	1	317,171	28,246	41,248	914 24,678 6,951	46,952 46,952		357,228 15,605 37,708	277,422 20,979	238,600 34,452 188,821	15,327	201,105 16,906 36,228	38,152 38,152	198,820 198,820	72,611 28,852 495 43,264	258,471
t : 1967 : 4/:	1,000 dollars	n, PA 89,293	17,845	37,743	NA 15,417 5,279	34,510 34,510	41,461	212,774 7,998 20,734	4,726 184,042 12,393	183,300 28,172 146,243	8,885	116,675 8,431 16,907	26,042	124,715	23,380 (D) 28,423	Jersey, 593,035 415,824
First : year in : SMSA 4/ :	1,0	Barre-Hazelton, PA		27.289	11,857	19,812	23,631	6,929 10,966	96,290	16,573	2,388	42,671				197,061
·			<×	×	×××	×	(575)	××	×××	××	×	×××	×	×	×××	orthe:
1972		9		×	××	×	for	××	×	××	×	××		×		rk-No
1967:1972		Will					44									×
4SA 2/ : :1963:1967:1972		A and Will	1954)	į ×	××	×	SMSA	××	×	××	×	× ×				Jew Jew
in SMSA 2/ 1958:1963:1967:1972		on, PA and Will	for 1954)	/E	: ××	×	UT SMSA X X	××	×	××		× × × ×				see New
in SMSA 2/ :: in SMSA 2/ ::::::::::::::::::::::::::::::::::::		Northeast Pennsylvania, PA (Scranton, PA and Wilkes SMSA's combined) Lackawanna Co., PA	SMSA for 1954)	Norwalk, cr (See Scall Old, cr Scor Lot 1997)  Fairfield County, Cr (Part)  Norwalk crity, Cr X	x /61		SMSA				×			<b>5</b> .		New

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

SMSA, political subdivision 1/	: Areas included : in SMSA 2/ : : 11954:1958:1963:1967:1972:	Areas included in SMSA 2/ : : :	eas includ in SMSA 2/ in 5958:1963:1	2/ 2/ :1967	:1972	Fire	Food store sales it : in: 1967 : 14/: : :	1972	SWSA, political subdivision 1/	: Areas included : in SMSA 2/ : : 1954:1958:1963:1967:1972:	in SMSA	Areas included in SMSA 2/ : : : :1958:1963:196	, 1967:		First : year in : SMSA 4/ :	t : 1967 : 4/:	1972
							- 1,000 dollars	I I							1,0	1,000 dollars	1
Portland, ME-continued		ant inc	- Del						Providence-Warwick-Pawtucket, RI-MAcontinued Newport County, RI (part)	ket, RI⊣	AA—CC	ntino	Pa Pa				
Cumberland town, ME	} }	>	× ×	××	××	NA	<b>8</b> 8	<b>E</b>	Jamestown town, RI		×	×	×	×	NA	NA NA	NA.
FreeDort town, ME	٥ . ِ .	<	4	4				NA	Providence County, RI	(part)							
Gorham town, ME		;	×	>< ;	×	1,182	2,413	4,170	Burrillville town, RI		× >	× >	× >	× ×	NA 5.052	5,045	(D)
Portland city, ME	×	×	× >	× >		701'C7		NA NA	Craneton city, RI		< ×	< ×	< ><	< ><	11,858	25,444	38,455
Scarborough town, ME .		×	< ×	< ×		6.264		18,274	Cumberland town, RI		•	< ><	<b>×</b>	: ×	NA NA	12,038	15,974
Westbrook city, ME	:×	: ×	: ><	: ×		4,054	17	11,561	East Providence city, RI	, RI X	×	×	×	×	NA	22,832	37,120
					×			NA	Johnston town, RI	х	><	×	×	×	NA:	6,121	4,475
Yarmouth town, ME			×	×		1,540		NA	Lincoln town, RI	:	× >	× >	× >	× >	N S	17.29/	25 594
									North Providence town,		< >	< >	< >	< >	NA	OF ATT	(0)
York County, ME (part)	9				>		2,176	3.392	Dauticket city, RI		< ×	< ><	< ×	< ><	23,634	24,447	30,594
Saco city, ME	딭 .				< ×		4,672	9,705	Providence city, RI	. ×	×	×	×	×	63,081	67,584	966,09
· · · · · · · · · · · · · · · · · · ·	,								Scituate town, RI					×		2	2
Portland, OR-WA								624,326	Smithfield town, RI	×:	× :	× :	×:	× ;	W.	3,048	11,797
Clark Co., WA	× .	×	×	×	×:	19,187	30,093	66,206	Woonsocket city, RI		×	×	×	×	16,823	10,242	17, 'CI
Clackamas Co., OR	×:	<b>⊳</b> 4 :	×	⋈ :		17,481		82,245	F	4111							
Multromah Co., OR	× :	× >	× >	× >		16/,430		101.411	Washington County, Ki (part)	(part)	>	×	>	×	NA	NA	1.771
Washington Co., UK	٠.	<	<	<		71,700		*********	North Kingstown town,	. RI .	<b>×</b>	: ×	×	: ×	NA	7,390	12,261
Poughkeepsie, NY								136,728	South Kingstown town,					×		7,401	13,658
Dutchess Co., NY					><		94,194	136,728								35,138	51,187
Daniel Daniel Control of the Control	10	4					331,550	439,987	III CO. III		U	×	×	×	16,527	35,138	51,187
Rristol County, MA (part)		g									)						
Attleboro city, MA		×	×	×	25	6,964	12,868	20,783				1	:	1		39,428	59,536
	, MA X	×	×	×	<b>25</b> 7	NA NA	8,570	14,737	Pueblo Co., CO	× · · ·	×	×	><	×	25,590	39,428	39,330
Norton town, MA			>	,	× >	MA	<b>E</b>	K K	IM COLOR						ï	61,938	82,638
Seekonk town, MA		×	< ×	< ×	Q 2G	S S	10,645	11,235	Racine Co., WI	× · · ·	×	×	×	×	32,545	61,938	82,638
			٠						medrid-driefed one) on driefed		NC SMSB	f.	1972)	_		969.99	
Norfolk County, MA (part)			×				Ø		Wake Co., NC		2		×		32,340	969,99	
Franklin town, MA	×	×	×	×	19		5,085										010 100
Plainville town, MA			×			<b>2</b> :	8	( <u>a</u> )	Raleigh-Durham, NC (Raleigh,	2	SA ar	SMSA and Durham,	nam,	NC SMSA	A compined	43.506	67 389
Wrentham town, MA			×				W		Durham Co., NC.					< ><		16.754	30,956
men of when of motor and	1								Wake Co. NC					< ><		969,99	122,967
Wordester Councy, MA (part)			×	~		NA	N.	( <u>Q</u> )	and the same of th					:			
Millville town, MA	• ×	×	×	<b>:</b> ×		NA NA	Ø	N	Reading, PA	:		;	;	>	ACC 72	89,701	145,269
	٥	٥	>	>	,	966 8	14.831	20.235	Berks Co., PA	Υ	K	4	<	<	4764/0	TO / 1/20	COTICET
BEESEOI COUNTY, KI (ALL)	۲				4				Reno, NV	1			1	1		54,709	89,730
Kent County, RI (part)		>					7.463	11.627	Washoe Co., NV		U	×	×	×	1/,/18	24, /03	89,730
Rest Greenwich town. RI								(D)	Richland-Kennewick, WA								48,804
Warwick city, RI	×	×	×	×	×	12,471	30,738	45,067	Benton Co., WA					>< >		25,719	35,909
West Warwick town, RI .								13,023	Franklin Co., WA					<		201411	110011

Continued

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

	-	Area	in in	Areas included	P		Food s	Food store sales	3/			Areas	Areas included	nded		poq	store sales	3 3/
SMSA, political			in SMSA	A 2/	.  .	٦	First :	1967		SMSA, political subdivision 1/		æ.	in SMSA	/7		First :	1967	1972
7 HOTELATIONS	:13	:1954:1958:1963:1967:1	58:19	63:19	67:19	972: 5				7	:195	:1954:1958:1963:1967:1972:	3:196	1196	1972	SMSA 4/	- 1	
							1,(	1,000 dollars	1 1 1							1,	1,000 dollars	l I
Richmond, VA						>		192,864	281,239	St. Louis, MO-IL					>		840,775	1,130,277
Chesterfield Co., VA.		×	×	×	×	< >< >	2,572	14,428	35,892	Madison Co., IL		×	×	×	< × >	55,508	87,005	122,100
Gooch Land Co., VA				;	<b>&gt;</b>	< >	101	900	174 140	St Clair Co.		,	,				88 900	113 954
Henrico Co., VA		×	×	< ×	< ×	< ×	8,378	57,394	108,656	Franklin Co., MD	• •		< ×		×		18,456	27,980
Powhatan Co., VA	• (	>	>	>	>	× >	80 440	1,277	705	Jefferson Co., MO			× × × ×			14,237	28,541	46,795
Kichmond City, VA	•	<	<	<	<	<	05.500	016/211	7726277	St. Louis Co., MO		· ×					352,387	500,087
Riverside-San Bernardino-Ontario,	ntari	S, C						397,247	591,539							230,919	239,317	255,825
Riverside Co., CA.		× >	× >	× >	× >	× >	57,972	165,269	258,012	Soles OB							64.949	100.586
San beindiging co., ca		<	<	۲_	<	<	001480	0101107	1	Marion Co. OR				~			56,381	87,208
Roanoke, VA								65,620	110,298	Polk Co., OR				×	×		8,568	13,378
Botetourt Co., VA						×:		2,164	3,595		ŧ						070 77	123 130
Craig Co., VA				>	>	× >	6 200	19 828	13,227	Monterey Co. CA	5			~	×		77,978	123,130
Roanoke City, VA				< ×	< ×	< ><	26,038	36,008	56,835	· · · · · · · · · · · · · · · · · · ·	•			•				
Salem city, VA		20/	20/	20/	×	×		9,784	15,684	See	Salt Lake	e City	City-Ogden,	-	SMSA	for 1972)	169,368	
				1					į	Salt Lake Co., UT	•	×	×;	×;		76,888	147,682	
Rochester, MN						>		24 400	30,673	Davis Co., Ur.			×			11,093	080'T7	
Olimsted Co., MN						<		004 447	20,00	Salt Lake City-Ogden, UT	UT (Salt Lake City, UT	ake Ci	ity, u	T and	and Ogden,	UT SMSA	s were	
Rochester, NY								343,602	512,231	combined in 1972)								331,561
Livingston Co., NY		:		×	×:	×:	14,494	17,573	26,287		•				× >		21,686	45,434
Monroe Co., NY		×	×	×	×	××	146,566	282,049	384,134 42,089	Toole Co. IT					< ×		6,308	8,171
Orleans Co. NY				×	><	< ><	11,288	13,316	19,033	Weber Co., UT					×		41,461	66,267
				×	×	×	21,638	30,664	40,688									1
										<b>1</b>	•						24,485	36,568
Rockford, IL				>	>	>	300	101,043	130,811	Tom Green Co., TX		×	× ×	<b>K</b>	Κ.	18,212	74,400	30,300
Winnebado Co., IL		×	×	4 >4	< ×	< ><	41,975	93,198	119,281	San Antonio, TX							227,105	376,103
												×	×	×		126,973	217,607	348,762
				>	>		23,639	35,901	454,055	Guada lune Co. TX			×	×	< ×	7,513	9,498	14,703
Sacramento Co., CA.		×	Þ¢	< ×	< ×	: ×	113,632	240,438	358,425				•					
Yolo Co., CA				×	×		28,087	30,458	49,543	San Diego, CA	•					000	414,307	645,245
TM Susaines								75,443	117,235	san Diego Co., CA	•	4	< <	<	<	700 601	4T# 201	C#7/C#0
Saginaw Co., MI		×	×	×	×	×	37,510	75,443	117,235	San Francisco-Oakland, CA							1,314,706 1	1,738,607
									E1 5.40	Alameda Co., CA						248,661 97 950	228 715	235,U14
St. Cloud, MN Renton Co.: MN						×		4,722	5,681	Marin Co., CA				< ×	< ×	31,749		138,281
Sherburne Co., M						×		2,474	5,550	San Francisco Co., CA.						257,052	339,552	401,279
Stearns Co., MN						×		26,385	40,317	San Mateo Co., CA.		× × × ×	× ;			32,265	240,857	330,369
St. Joseph, MD								33,337	45,907	in the same and th				*1		1		
Andrew Co., MO		;	, ,	<b>;</b>	>	×>	23 725	2,173	2,636	San Jose, CA		>	×	*	×	123.347	385,013	613,662
Buchanan Co., MO		×	×	×	×	×	23,123	33,331	40,414	ייי יייי יייי אייייי						1501031	242700	anni eta

Continued

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

subdivision 1/		Area	Areas included	Inded		2 4	rood St	rood store sales	3/	SMSA molitical	¢ 	in SMSA	Areas included in SMSA 2/	2		First :	tour store sales	
	1.61		: : : : : : : : : : : : : : : : : : :	3:1967		year	year in :	1967	1972	subdivision 1/	:1954:1958:1963:1967:1972:	1958:1	963:1	: 296		year in : SMSA 4/ :	1967	1972
	_						1,00	- 1,000 dollars	t t							1,00	- 1,000 dollars	i
Santa Barbara-Santa Maria-Lompoc, Santa Barbara Co., CA C	-Lompoc	5	×	×	×	m	33,401	91,790	134,180	Springfield, MO-continued Greene Co., MO	×	×	×	×	×	23,936	50,661	76,644
Santa Cruz, CA Santa Cruz Co., CA	•				×	- 4		53,711	82,942 82,942	Springfield, OH Champaign Co., OH		×	×	×	××	31.445	51,153 9,434 51,153	84,047 13,374 70,673
Santa Rosa, CA Sonoma Co., CA					×			84,877	136,850 136,850	Springfield-Chicopee-Holyoke,	₹	_	:				199,269	239,915
Sarasota, FL Sarasota Co., FL	•				×			47,192	88,850 88,850	Hampden County, MA (part) Agawam town, MA Chicopee city, MA	×××	×××	×××	×××	×××	NA 11,734 NA	6,578 28,889 5,083	9,832 29,398 3,888
Savannah, GA Bryan Co., GA Chatham Co., GA Effingham Co., GA		×	×	×	***	M	35,742	61,954 1,296 61,954 1,777	96,923 2,007 91,773 3,143	Eargen town, MA.  Bangden town, MA.  Bolyoke city, MA.  Longmeadow town, MA.  Ludlow town, MA.	. ***	. ×××	:××××	:××××	:××××	NA 16,830 NA NA	NA 18,774 2,818 5,551	NA 27,126 6,203 5,157 NA
Scranton, PA (See Northeast Lackawanna Co., PA		Pennsylvania . X X	ania SV X	SMSA fo	for 1972) X		60,752	89,293 89,293		Palmer town, MA Southwick town, MA		< × >	<××>	:××>	:××>	2,804 NA	4,181 NA 68,635	8,838 NA 75,575
Seattle-Everett, WA King Co., WA Snohomish Co., WA	• •	×	××	××	××	22	220,457 47,078	550,600 461,053 89,547	758,036 617,378 140,658	Sprindield City, MA	 	<×××	<×××	<×××	×××	6,870 NA NA	15,070 11,622 NA	19,425 13,596 856
Sherman-Denison, TX Grayson Co., TX	:			^	×	F.4		30,023	36,772 36,772	Hampshire County, MA (part) Belchertown town, MA Resthamaton fown. MA	£	×	×	×	××	¥	NA 3,816	856 5,997
Shreveport, LA Bossier Parish, LA . Caddo Parish, LA . Webster Parish, LA .		××	××	××	×××	** *** **	8,603	95,089 15,163 79,926 13,855	157,610 25,941 111,126 20,543		×	× ×	×× ×	×× ×	××××	NA NA 7,923	NA NA NA 16,589	NA NA NA 15, 297
Sioux City, IA-NE Woodbury Co., IA Dakota Co., NE		×	×	~ ^ × ×	××	8	27,466	46,085 40,331 5,754	54,617 47,481 7,136	South Badley town, MA . Enfield town, CI	××	14 ×	×	×	< ×	NA AN	2,596	3,656
Sioux Falls, SD Minnehaha Co., SD		×	×	~ ×	×	- 1	16,615	28,585 28,585	40,840	Worester County, MA (part) Warren town, MA	Ç •	×	×	×	×	N N	658	NA
South Bend, IN Marshall Co., IN St. Joseph Co., IN .	• •	×	×	××	××	. u	9,457	101,122 10,818 90,304	128,023 16,755 111,268	Schert CT (See Norwalk, CT Existence of Schert CT CT See Norwalk, CT Existence of CT CT CT CT CT CT CT CT CT CT CT CT CT	CT SMSA	for	X 1963,	x 1967	X and 1	NA 1972)	NA 101,135	NA 135,774
Spokane, WA Spokane Co., WA	•	×	×	×	×	7	70,428	99,938 99,938	139,373	Fairlield County, C. (par.) Greenwich town, CT		×××	×××	×××	×××	<b>E E E</b>	13,396 30,180 8,772	22,455 38,133 10,313
Springfield, IL Menard Co., IL Sangamon Co., IL		×	×	×	**	, E	35,180	60,106 2,746 60,106	86,344 3,213 83,131	Norwalk city, CT Stamford city, CT Westport town, CT	***	ણ×શ	×	<b>×</b>	×	21,980 30,646 NA	48,787	64,873
Springfield, MO Christian Co., MO	•				~	_		50,661	4,338									

				3			7000		3,		Populari pear	y Louis	2		Pood o	Pood ctore cales	3/
SMSA, political		Area: in	Areas included in SMSA 2/	2/ 2/		First	8 "	store sales		SMSA, political	in S	in SMSA 2/	3		First :	ייייי מזכם	. 1
subdivision $1/$	:1954	: 195	:1954:1958:1963:1967:197	3:196	:1972	: yes	year in : SMSA 4/ :	1967 :	1972		:1954:1958:1963:1967:1972:	1963:	1967:1		year in : SMSA 4/ :	1967	1972
							1,00	- 1,000 dollars	1						1,0	1,000 dollars	!
Steubenville-Weirton, OH-WV (See Wheeling-Steubenville,	See	Whee	Ling-6	Steube	nvil]		WV-OH SMSA	-	1	Tucson, AZ		>	>	>	50 330	116,303	205,698
Tor 1954) Jefferson Co., OH							4.492	38,812	48.724	Fina Co., AZ	<	<	4	4	20,330	FOC OTT	2021030
			××	××	××		4,481	5,909	10,121	Tulsa, OK Creek Co., OK	×	×	×	×	9,078	174,048	279,603
Stockton, CA San Joaquin Co., CA			×	×	~	u,	58,555	115,318	138,576	Mayes Co., OK		×	×	×××	10,614	6,046 7,745 8,126	9,695 11,142 12,673
Syracuse, NY								242,294	330,770	Tulsa Co., OK	×	×	×	××	71,274	152,933 3,773	218,862 5,587
Madison Co., NY Onondaga Co., NY Oswego Co., NY	× 		~ ~ ~ × ×	~ ~ ~ ×	××× ×××		15,601 108,841 23,421	23,028 184,493 34,773	32,568 249,662 48,540	Tuscaloosa, AL Tuscaloosa Co., AL	υ υ	×	×	×	15,542	35,686 35,686	54,136 54,136
Tacoma, WA Plerce Co., WA	× .		×	×	×		69,746	127,005	162,519 162,519	Tyler, TX Smith Co., TX	υ υ	×	×	×	18,867	32,179 32,179	51,037
Tallahassee, FL Leon Co., FL				×	××			24,826 24,826 952	61,274 59,243 2,031	Utica-Rome, NY Herkimer Co., NY Oneida Co., NY	× ×	××	××	××	17,619 60,361	126,812 26,195 100,617	149,800 33,495 116,305
Tampa-St. Petersburg, FL Hillsborough Co., FL Pasco Co., FL	٠.							318,471 160,845 19,648	628,236 281,684 47,800	Vallejo-Fairfield-Napa, CA Napa Co., CA Solano Co., CA	27	××	××	××	25,835	83,992 27,484 56,508	126,837 44,870 81,967
Pinellas Co., FL	×		~ ×	×	×		55,942	157,626	298,752	Vineland-Millville-Bridgeton, Cumberland Co. NI	20		×	×		51,995	73,879
Clay Co., IN Sullivan Co., IN				×××	×××		5,973 4,912 4,847	5,304	9,236 6,917 8,072	Waco, TX McLennan Co., TX	×	×	×	×	34,811	52,476 52,476	76,666
Vigo Co., IN	×		×		×		4,227	41,689	53,480	Washington DC-MD-W						977.754 1	.459.589
Texarkana, TX-Texarkana, AR Little River Co., AR Miller Co., AR Bowie Co., TX			××	××	×××		5,490	33,642 2,979 10,031 23,611	54,881 4,863 17,268 32,750	Challes Co., MD.  Montgomery Co., MD.  Prince Georges Co., MD.  Washington, DC.	×××;	××××	×××	××××	62,311 67,577 224,737	14,475 188,255 230,491 246,992	26,440 288,655 368,828 296,969
Toledo, OH-MI Fulton Co., OH					×			253,616	379,153			< ×	<××:	<××:	15,963	129,783	220,247
Lucas Co., OH Ottawa Co., OH Wood Co., OH	×	×	× ××	× ××	***	7 77	26,132 25,404	192,226 12,819 30,351 31,039	254,604 17,401 43,260 46,895	Frince William Co., VA	x x x x x x x x x x x x x x x x x x x	×××	<×××	<×××	38,845 16,338 13,629	29,123 44,518 19,643 14,964	53,220 31,879 12,871
Topeka, KS Jefferson Co., KS Osage Co., KS Shawnee Co., KS	×	×	×	×	***	m 	30,725	50,286 1,993 2,946 50,286	78,262 3,823 5,018 69,421	Waterbury, CT Litchfield County, CT (part) Thomaston town, CT Waterform town, CT	××	×××	= ×××	- ×××	NA NA	3,005 6,513	NA 9,303 NA
Trenton, NJ Mercer Co., NJ	×	×	×	×	*	_	74,084	176,011	163,869 163,869		×	× ×	: ×	<b>×</b>	N N	<b>8</b>	2

Continued—

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

		: Are	Areas included	ludec	-	[	Food s	Food store sales 3/	3/		**	Ä	Areas included	clude	_		Food s	Food store sales	8 3/
New Harmonto Co., NC.   No.	-1 \	1954:19	n SMS. : : 58:19(	63:19	67:19	**. ** **		1967	1972	SMSA, political subdivision $1/$	::	954:1	ın SMS : 958:19	8 2/ 63:19	: 57:197		" <del>2</del> 4	1967	1977
Name								0 dollars	- 1								1	00 dollar	1
X         X         X         X         X         X         X         X         Y         Y         Y         Y         Y         Y         Y         Y         Y         Y         X	Waterbury, CT—continued	)Cont	Paris d							Wilmington, NC Brinswick Co., NC					×	×		35,258	10.7
X         X	Cheshire town, CT.	. X	2 × ×	× >	× >	× ×	NA NA	5,414	9,822	New Hanover Co., NC.					: ×	: ×		30,768	53,9
X	Naugatuck borough, CT		·×>	; × >	;×>	:×>	5, 274	6,598	11,491	Winston Salem, NC (See G	reensb	OZO-W	inston	Sale	n-High	Point	, NC SM	SA for 19	67 and
X         X         X         33,990         57,714         Worcester, PA         Morcester, PA         Morcester, PA         Morcester, PA         X	Southbury town, CT	٠.	<	<	<	< ×	Ş	S	NA NA	yth Co., NC .		×	×	×		m	2,571		
No. Cont.   No.	Waterbury city, CT	××	××	× ×	××	××	35,890	57,049 NA	67,771	Worcester, MA	į:							134,120	192,24
Second Comp. May.   Seco	יייי די זיייי משוול כי ייי	•	•	:	:	:	• 8			Worcester County, MA (	part)	;		;	;				
13, 135	terloo-Cedar Falls, IA	>	>	>	>	>	וני זי	44,182	58,866	Auburn town, MA	:	×	××	××	××	××	N NA	6,422 NA	8,64
18,	Black Hawk Co., IA	۷.	<	<	<	<	177,07	707 4 4 4	20,000	Boylston town, MA .			< ×	< ×	< ×	< ×	<b>1 2 3</b>	N	N
18,	st Palm Beach-Boca Raton, 1	FL						134,225	248,814	Brookfield town, MA			×	×	×	×	NA	Z	N
18, WF-CH   SNEAN for   1954   68,690   94,579   Grafton town, PM   No.   No	Palm Beach Co., FL		×	×	×	×	42,257	134,225	248,814	Charlton town, MA .		>	>	>	>	× >	MA	2 2	NA NA
X         X         Z3, 125         31,065         45,260         Holden town, Ma         X <t< td=""><td>meling WV-OH (See Wheeling</td><td>a-Steube</td><td>nville</td><td></td><td></td><td>KSA fo</td><td>r 1954)</td><td>069,89</td><td>94,579</td><td>Grafton town, MA .</td><td>g .</td><td>&lt; ×</td><td>&lt; ×</td><td>&lt; &gt;&lt;</td><td>&lt; ×</td><td>&lt; ×</td><td>S S</td><td>3,465</td><td>2,51</td></t<>	meling WV-OH (See Wheeling	a-Steube	nville			KSA fo	r 1954)	069,89	94,579	Grafton town, MA .	g .	< ×	< ×	< ><	< ×	< ×	S S	3,465	2,51
No.   No.	Belmont Co., OH	) ) ) h •	×			×	25,125	31,065	45,260	Holden town, MA		×	×	×	×	×	NA	3,819	5,49
Northborough town, Ma	Marshall Co., WV		>< :	×	×	×	8,757	9,356	19,464	Leicester town, MA	:	× ;	× >	× >	× >	××	e s	1,240	1,6
ng, W-OH and Steubenville-Weirton, OH-WV Northbridge town, MA  25,184	:		><	×	×	×	22,306	58,269	58,62	Milloury town, Ma		< ×	< ×	< ×	< ≻	< ×	S S	(0)	2,56
25,184  29,834  29,834  Surfact Com, Ma	eeling-Steubenville, WV-OH	(See Wh	eelind	, WV-	다 다		ubenvill	-Weirton,		Northbridge town, MA			×	×	×		4,722	5,033	8,10
25,184 29,834 4,327 8,184 8,428 8,178 8,178 8,171 8,428 8,432 8,171 18,428 8,432 8,170,039 8,421 8,428 8,432 8,433 8,432 8,433 8,433 8,432 8,433	SMSA's after 1954)									North Brookfield town	n, MA	×	×	×	×:		NA	1,488	9
29,834 4,337 5,178 8,184	Belmont Co., OH	×					25,184			Oxford town, MA			×	× >	× >	× >	827	2,612	2,96
x x x x 10,075 10,035 14,198 Upton town, Ma x x x x x x x NA A4,382	Jefferson Co., OH	× >					429,834 A 327			Shrewshire town, MA		><	×	< ×	< ><	< ×	N N	18,473	16,32
Name	Brooke Co., WV	< ×					5,178			Spencer town, MA .		: ×	×	<b>×</b>	×	×	NA.	4,382	6,35
National Supplementary, MA   National National Part   National National Part   National Part	Marshall Co. WV	×					7,141			Sterling town, MA .				×	×	×	M	N	2
X X X 10,075 10,035 14,198 Webster town, MA	Ohio Co., WV	×					18,428			Sutton town, MA	•		× :	× >	××	××	NA	2	N S
X X X 10,075 10,035 14,198 Webster town, MA . X X X X X X NA 525  X X X X 1,352 1,345 15,861 Westborough town, MA . X X X X X X NA (D)  X X 23/ 1,352 1,345 46,176 Yekima, WA . X X X X X X X X X (B1,690 75,670  X X X 26,529 35,796 46,176 Yekima Co., WA	4							135,589	170.059	Upton town, na.			<	<	۷.	< ×	Ş	1,158	9
x         x	Culta, No Butler Co. KS			×	×	×	10,075	10,035	14,198	Webster town, MA						×		8,811	12,16
X X 23/ 1,352 1,345 1,346 Worcester city, WA X X X X X X X X X 51,670 75,670 75,670   X X X X 26,529 35,796 46,176 Yakima, WA	Sedgwick Co., KS	×	×	×	×	×	74,962	125,554	155,861	Westborough town, MA		× >	× >	× >	× >	× >	NA NA	525	8,68
x         x         23/2         1,345         2,266         Yakima, WA         Xakima, WA <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>37,141</td> <td>48,442</td> <td>Worcester city, MA</td> <td> g .</td> <td>&lt;×</td> <td>&lt; ×</td> <td>&lt; ×</td> <td>&lt; ×</td> <td></td> <td>1,690</td> <td>75,670</td> <td>98,06</td>								37,141	48,442	Worcester city, MA	 g .	<×	< ×	< ×	< ×		1,690	75,670	98,06
X X X Z6,529 35,796 46,176 Yekima Co., WA X X X X X X X X X X X X				×		21	1,352	1,345		!									20 00
X X 85,384 122,217 York, PA  X X X X X X 11,784 14,615  Se,688 Youngstown-Warren, OH  X X X X X X X 47,781 89,101  Se,688 Youngstown-Warren, OH  X X X X X X X X X 47,781 192,328  X X X X X X X X X X X X X X X X X X X	Clay Co., TX	×	×	×		××	26,529	1,670 35,796	2,266 46,176	Yakima Co., WA						×		54,631	79,50
X X 85,384 122,217	lkes Barre-Hazelton, PA (se	ee North	east					122,217										103,716	153,29
58,688 Youngstown-Warren, OH  192,328	Pennsylvania SMSA for 1972)	×	×	×	×		85,384	122,217				×	×	××	××		1,784 7,781	14,615 89,101	21,22
S6, 688 Youngstown-Warren, OH		:		:															
173,296 273,225 Mercer Co., PA	Williamsport, PA Lycoming Co., PA					×		41,382	58,688 58,688			××	××	××			0,115	192,328 107,353 84,975	239,81 129,90 109,91
	Imington, DE-NJ-MD Salem Co., NJ	××	××	×××	×××	×××	12,488 69,334 10.253	173,296 19,105 139,231 14.960	273,225 23,436 228,089 21,700	Mercer Co., PA	•	×	24/				9,972		
	• • • • • • • • • • • • • • • • • • • •																		

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.

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  $\underline{1}/$ 

	:	Popula	tion $2/$	Grocery s	store sales
Area		Number	Percent of U.S. total	: Amount	Percent of U.S. total
	:			1,000	-
	:	Number	Percent	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	1	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	1A :	2,899,101	1.427	1,324,120	1.419
Providence-Warwic F	: IS	905,558	.466	379,957	.407
Hartford (	CT:	720,581	.355	329,464	.353
Springfield-Chico M	íA:	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 M	íA:	372,144	.183	175,282	.188
Lawrence-Haverhil M	1A :	258,564	.127	124,113	.133
New London-Norwic (	ct:	241,556	.119	120,165	.129
Lowell M	íA:	218,268	.107	89,722	.096
•	CT:	216,808	.107	98,309	.105
	CT:	206,419	.102	124,914	.134
	Œ:	170,081	.084	104,769	.112
	ſA:	169,549	.083	66,626	.071
	ſA:	161,288		66,984	.072
	íA:	150,416	.074	77,563	.083
	CT:	145,269	.071	67,999	.073
	TH:	132,512	.065	74,839	.080
	CT:	127,516	.063	67,112	.072
	CT:	115,538		68,602	.074
Fitchburg-Leomins M		97,164		48,660	.052
	1A :	96,817	.048	47,827	.051
	TH:	86,280		61,747	.066
	Œ:	72,474		40,760	.044
	CT:	69,878		30,994	.033
Meriden (	CT:	55,959	.028	26,149	.028

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

	:	Popula	ation $\underline{2}/$	Grocery s	tore sales
Area	:	Number	Percent of U.S. total	Amount	Percent of U.S. total
	:			1,000	
	:	Number	Percent	dollars	Percent
Middle Atlantic division	n:	37,199,040	18.306	16,670,211	17.862
Nonmetropolitan areas	3 :	4,645,197	2.286	2,259,801	2.421
All SMSA's	:	32,553,843		14,410,410	15.441
	IY:	9,973,577		3,975,067	4.259
	PA :	4,817,914		2,130,776	2.283
	TY:	2,553,030		1,420,824	1.522
	PA :	2,401,245		937,249	1.004
•	IJ:	2,054,928		965,585	1.035
	TY:	1,349,211		559,721	.600
Rochester	IY:	961,516		479,758	.514
Albany-Schenectad N	1Y :	777,793		381,788	.409
_	IY:	636,50		308,481	.331
Northeast Pennsyl H	PA :	621,830		289,313	.310
_	IJ:	609,266		205,092	.220
Allentown-Bethleh B	PA :	594,124		282,095	.302
New Brunswick-Per N	IJ:	583,813		299,889	.321
Paterson-Clifton N	IJ:	460,78		216,273	.232
Long Branch-Asbur N	Ŋ:	459,379		266,045	. 285
9	PA :	410,620		195,840	.210
•	YY:	340,670		138,092	.148
	PA :	329,540		137,398	.147
	PA:	319,69		123,296	.132
Trenton	NJ:	303,968		152,355	.163
	YY:	302,67		156,682	.168
_	PA:	296,38		122,804	.132
9	PA :	263,65		119,035	.128
Johnstown I	PA :	262,82		102,681	.110
	YY:	222,29		124,926	.134
	NJ:	175,04		93,554	.100
	PA :	135,35		57,278	.061
Vineland-Millvill N		121,37		66,278	.071
	PA :	113,29		51,256	.055
_	YY:	101,53		50,979	.055

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

	Populat	$\frac{2}{}$	Grocery s	tore sales
Area	Number	Percent of U.S. total	: Amount	Percent of
	•		1,000	
	: Number	Percent	dollars	Percent
North Central region	: 56,571,663	27.839	24,640,752	26.402
East North Central	: 11			
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		3.434	3,054,355	3.273
Detroit MI		2.181	2,069,781	2.218
Cleveland OH		1.016	937,709	1.005
Milwaukee WI	, , , , , , , , , , , , , , , , , , , ,	.691	596,530	.639
Cincinnati OH		.681	551,171	.591
Indianapolis IN		.546	482,413	.517
Columbus OH		.501	471,268	.505
Dayton OH		.418	373,618	.400
Toledo OH		.375	356,190	.382
Akron OH	•	.334	310,839	.333
Gary-Hammond-East IN		.312	305,414	.327
Grand Rapids MI		.265	327,952	
Youngstown-Warren OH		. 264		.351
Flint MI		.250	223,646	
	- ,		259,909	.278
Lansing-East Lans MI Canton OH		. 209	178,861	.192
Ft Wayne IN		.194	164,035	.176
	,	.178	156,061	.167
		.168	157,654	.169
Madison WI Evansville IN	,	.143	128,861	.138
	,	.140	125,704	.135
South Bend IN	,	.138	119,432	.128
Appleton-Oshkosh WI		.136	109,935	.118
Rockford IL		.134	126,109	.135
Kalamazoo-Portage MI	•	.127	135,801	.146
Lorain-Elyria OH		.126	112,006	.120
Ann Arbor MI		.115	132,472	.142
Hamilton-Middleto OH	•	.111	99,362	.106
Saginaw MI	•	.108	110,197	.118
Lima OH	-	.103	85,712	.092
Springfield OH		.092	77,879	.083
Battle Creek MI		.089	88,637	.095
Muskegon-Muskegon MI	: 175,410	.086	98,905	.106

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

	Populat	$\frac{2}{}$	Grocery s	tore sales
Area	Number	Percent of U.S. total	: Amount	Percent of U.S. total
	•		1,000	
	Number	Percent	dollars	Percent
Terre Haute IN	175,143	0.086	75,084	0.080
Springfield IL	-	.084	82,914	.089
Racine WI	•	.084	76,112	.082
Steubenville-Weir OH		.082	72,111	.077
Champaign-Urbana- IL		.080	57,564	.062
Green Bay WI	-	.078	66,382	.071
Jackson MI	,	.071	68,154	.073
Anderson IN		.068	63,814	.068
Mansfield OH		.064	56,398	.060
Muncie IN		.064	53,005	.057
Decatur IL	. ,	.062	52,962	.057
Kenosha WI		.058	50,382	.054
Bay City MI		.058	54,842	.059
Lafayette-West La IN	. ,	.054	48,980	.052
Bloomington-Norma IL		.051	39,715	.043
La Crosse WI		.040	33,892	.036
West North Central	1			
division	16,319,187	8.031	6,606,453	7.079
	7,167,889	3.527	2,709,697	2.903
411 OVG 41	9,151,298	4.503	3,896,756	4.175
St Louis MO		1.186	1,043,138	1.118
Minneapolis-St Pa MN		.967	785,482	.842
Kansas City MO		.626	587,719	.630
Omaha NE	, ,	.266	224,417	.240
Wichita KS	,	.192	163,364	.175
Davenport-Rock Is IA	,	.178	158,496	.170
Des Moines IA		.154	157,191	.168
Duluth-Superior MN	_	.131	98,836	.106
Topeka KS		.089	76,544	.082
Springfield MO	•	.083	77,764	.083
Lincoln NE	•	.083	63,835	.068
Cedar Rapids IA	,	.080	71,230	.076
St Cloud MN	, -	.066	46,544	.050
Waterloo-Cedar Fa IA		.065	56,289	.060
Fargo-Moorhead ND		.059	49,086	.053
Sioux City IA	•	.057	50,756	.054
St Joseph MO		.049	44,463	.034
110	, ,,,,,,,	• 0 7 7	44,403	•040

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

		:		Popu	lat:	ion <u>2</u> /	:	Grocery s	tore sales
Area		:	Nu	mber	:	Percent of U.S. total	:	Amount	Percent of U.S. total
		:	Nu	ımber		Percent		1,000 dollars	Percent
Sioux Falls	SD	:		95,2	09	0.047		39,180	0.042
Dubuque	IA			90,6		.045		39,963	.043
Rochester	MN			84,1		.041		28,122	.030
Columbia	MO			80,9		.040		34,337	.037
		:		•					
Southern region		: 1	62,	795,3	67	30.901		29,074,411	31.153
South Atlantic divisi	on	:	30,	671,3	37	15.093		14,509,365	15.547
Nonmetropolitan are	as	:	10,	,482,2	98	5.158		4,699,621	5.036
All SMSA's		:	20,	,189,0	39	9.935		9,809,744	10.511
Washington	DC	:	2,	,908,8	01	1.431		1,366,631	1.464
Baltimore	MD	:		,070,6		1.019		925,693	.992
Atlanta	GA	:	1,	,597,8	16	.786		726,910	.779
Miami	FL	:	1,	,267,7	92	.624		676,277	.725
Tampa-St Petersbu	FL	:	1,	,088,5	49	.536		582,410	.624
Norfolk-Virginia	VA	:		732,6	00	.361		287,926	.309
Greensboro-Winsto	NC	:		723,3	04	.356		324,502	.348
Jacksonville	FL	:		621,5	19	.306		280,821	.301
Fort Lauderdale-H	FL	:		620,1	.00	.305		417,932	.448
Charlotte-Gastoni	NC	:		557,7	85	.274		274,920	.295
Richmond	VA	:		542,2	42	.267		272,619	.292
Wilmington	DE	:		449,4	93	.246		251,755	.270
Greenville-Sparta	SC	:		473,2		.233		234,957	.252
Orlando	FL			453,2	70	.223		239,908	.257
Raleigh-Durham	NC	:		418,8	341	.206		213,976	.229
West Palm Beach-H	FL	:		348,7	53	.172		233,364	.250
Charleston	SC	:		336,1	.25	.165		151,200	.162
Newport News-Hamp	VA	:		333,1	.40	.164		137,867	.148
Columbia	SC			322,8		.159		137,881	.148
Huntington-Ashlar	ı WV	:		286,9		.141		138,290	.148
Augusta	GA			275,7		.136		113,937	.122
Charleston	WV	:		257,1		.127		129,625	.139
Pensacola	FL			243,0		.120		109,365	.117
Columbus	GA			238,5		.117		80,648	.086
Melbourne-Titusvi				230,0		.113		111,667	.120
Lakeland-Winter h				227,2		.112		131,396	.141
Macon	GA			226,7		.112		103,183	.111
Fayetteville	NC			212,0		.104		59,751	.064

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

	:	Populat	ion $\underline{2}$ /	Grocery s	tore sales
Area	:	Number :	Percent of U.S. total	: Amount	Percent o
	:			1,000	
	:	Number	Percent	dollars	Percent
Savannah	GA:	207,938	0.102	92,492	0.099
Roanoke	VA:	203,153	.100	106,808	.114
Wheeling	WV:		.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		128,809	.063	60,554	.065
Sarasota	FL:		.059	81,227	.087
Tallahassee	FL:	,	.054	58,640	.063
Wilmington	NC:		.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
1 III, 5	:	1 0		.0,071	iline pel
East South Central	:				
division	:	12,803,470	6.300	5,523,911	5.919
Nonmetropolitan area	as :	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		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	.134
Kingsport-Bristol		241,123	.119	101,246	.108
Montgomery	AL:	225,785	.111	95,353	.108
Biloxi-Gulfport	MS:	160,070	.079		
Florence	AL:	117,743		69,980	.075
Tuscaloosa	AL:	-	.058	48,640	.052
Gadsden	AL:	116,029	.057	53,534	.057
Owensboro		94,144	.046	42,167	.045
OWEHEDOLO	KY:	79,486	.039	37,796	.040

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

	:	Populat:	ion <u>2</u> /	:	Grocery st	ore sales
Area	:	Number :	Percent of U.S. total	:	Amount	Percent of U.S. total
	:	Number	Percent		1,000 dollars	Percent
	•	Mumber	TCTCCIT		4011410	
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
		159,794	.079		61,010	.065
		147,553	.073		72,009	.077
	:	145,415	.072		66,194	.071
		144,316	.071		74,581	.080
	:	140,368	.069		67,237	.072
		131,749	.065		55,822	.060
	:	129,941	.064		46,186	.049
		127,846	.063		67,042	.072
Fayetteville-Spri AF	: ]	122,164	.060		48,086	.052
		115,387	.057		68,177	.073
	· ·	112,392	.055		53,022	.057
		109,716	.054		53,920	.058
	A :	108,710	_		30,437	.033
	: :				46,975	.050
- 3	: >	97,096			43,455	.047
	X :	91,805			38,024	.041
	R :	85,329			35,040	.038
Sherman-Denison T	X :	83,225	.041		33,040	.030

Appendix C--1970 population and 1972 grocery store sales by geographic region, division and SMSA  $\underline{1}/\text{--}\text{Continued}$ 

	:	Populat	$\frac{2}{}$	Grocery s	tore sales
Area	:	Number :	Percent of U.S. total	: Amount	Percent of U.S. total
	:			1,000	
	:	Number	Percent	dollars	Percent
Laredo T	X :	72,859	0.036	41,780	0.045
San Angelo T	Х:	71,047	.035	35,663	.038
Midland T	Х:	65,433	.032	28,006	.030
Bryan-College Sta T	Х:	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	/ /12
Nonmetropolitan areas	•	3,515,382	1.730		4.413
All SMSA's	•	4,766,180	2.345	1,672,995	1.793
	· ·	1,237,208		2,445,953	2.621
	Z :	967,522	.609	637,392	.683
Salt Lake City-Og UT			.476	567,716	.608
	2:	705,458	.347	310,515	.333
	-	351,667	.173	199,099	.213
	1:	333,266	.164	145,717	.156
_	7:	273,288	.134	169,305	.181
	) :	239,288	.118	98,126	.105
Provo-Orem UT	-	137,776	.068	47,045	.050
	7 :	121,068	.060	85,443	.092
	) :	118,238	.058	54,418	.058
	) :	112,230	.055	56,410	.060
Billings M7	-	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	1/ 066
Nonmetropolitan areas		3,377,262	1.662		14.066
All SMSA's	•	23,145,369		1,789,586	1.918
	:	7,032,075	11.390	11,337,700	12.148
San Francisco-Oak CA		3,109,519	3.460	3,277,530	3.512
			1.530	1,579,732	1.693
Anaheim-Santa Ana CA		1,421,869	.700	717,180	.768
	-	1,420,386	.699	726,563	.779
	:	1,357,854	.668	602,482	.646
Riverside-San Ber CA San Jose CA		1,143,146	.563	551,058	.590
	:	1,064,714	.524	575,198	.616
		1,009,129	.497	593,394	.636
_	:	800,592	.394	427,428	.458
Honolulu HI		629,176	.310	280,777	.301
Fresno CA	:	413,053	. 203	198,658	.213

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

			:	Populat	ion <u>2</u> /	Grocery st	ore sales
	Area		:	Number :	Percent of U.S. total	Amount	Percent of
			:			1,000	
				Number	Percent	dollars	Percent
Tac	oma	WA	:	411,027	0.202	154,542	0.166
	ard-Simi Valle	CA		376,430	.185	185,548	.199
	ersfield	CA		329,162	.162	147,405	.158
	ckton	CA		290,208	.143	128,357	.138
	kane	WA		287,487	.141	131,687	.141
	ta Barbara-San	CA	:	264,324	.130	122,283	.131
Sal	inas-Seaside-M	CA	:	250,071	.123	113,235	.121
	lejo-Fairfield			249,081	.123	113,354	.121
	ene-Springfiel			213,358	.105	108,524	.116
_	ta Rosa	CA		204,885	.101	125,540	.135
Mod	esto	CA	:	194,506	.096	106,072	.114
Sal	em	OR	:	186,658	.092	95,207	.102
Yak	ima	WA	:	144,971	.071	75,990	.081
Anc	horage	AK	:	124,542	.061	76,113	.082
	ta Cruz	CA	:	123,790	.061	77,068	.083
Ric	hland-Kinnewic	WA	:	93,356	.046	46,775	.050

<sup>1/</sup> In instances where an SMSA overlapped division boundaries, the SMSA was placed in the division in which it was primarily located. Data for nonmetro-politan 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).

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.

<sup>2/</sup> 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.

# 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
Cleveland, OH
Colorado Springs, CO
Daytona Beach, FL
Fayetteville, NC
Gainesville, FL
Madison, WI
McAllen-Pharr-Edinburg, TX
Memphis, TN
Monroe, LA

Norfolk-Virginia Beach-Portsmouth, VA
Oklahoma City, OK
Sherman-Denison, TX
Shreveport, LA
Springfield, OH
Tallahassee, FL
Topeka, KS
Tuscon, AZ
Waco, TX

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
Austin, TX
Binghamton, NY
Brockton, MA
Bryan-College Station, TX
Buffalo, NY
Burlington, NC
Canton, OH
Columbus, OH
Dubuque, IA
Duluth-Superior, MN
Evansville, IN
Fall River, MA
Florence, AL
Gadsden, AL

Huntington-Ashland, WV
Indianapolis, IN
Jackson, MI
Jacksonville, FL
Kenosha, WI
Laredo, TX
Lorain-Elyria, OH
Lynchburg, VA
Milwaukee, WI
New London-Norwich, CT
Provo-Orem, UT
Rochester, NY
San Francisco-Oakland, CA
Stockton, CA

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

Utica-Rome, NY

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

		· S	MSA's where	the four large	est
	•			re firms are	
SMSA's with 1970	: All	: The same as	the four	: Not the same	
population of	: SMSA'	s :largest super		:largest super	cmarket firm
	:	Number	Share of total	Number	Share of total
W =	:	Number	Percent	Number	Percent
l 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

		of	sales	: Portion	Percent	7.1	er.	.7	9	4	
		95%	ery	Por	Perc	7.	20.3	19.7	24.6	19.4	
ır	1	thar	groc		1 .						
the for	ted for	Less	: their grocery sales	Number : Portion	Number	2	13	12	15	42	
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 :	: Portion :	Percent	82.1	59.4	55.7	36.1	54.7	
re super	ocery st	5%-99.9%	grocery	Number	Number	23	38	34	22	114	
whe	t gr	11:9	S	1/:							
SMSA's	larges	heir tota	tore sale	Number: Portion:	Percent	10.7	20.3	24.6	39.3	25.7	
		100% of t	grocery s	Number	Number	3	13	15	24	55	
٠.	er-:			 s							
Supermarket	sales as per-:	centage of	their total	grocery store sales	Percent	98.3	97.2 2/	97.0 2/	96.8 2/	97.2	
••	••	••	••	•• ••							
		SMSA's			Number	28	99	61	61	214	
••	•	SMSA's with 1970:	population of:	••	•••	1 million or more :	300,000 to 999,999	150,000 to 299,999 :	Less than 150,000 :	All SMSA's	

1/2 Portion of SMSA's where the four largest grocery store firms are also the four largest supermarket firms. 1/2 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	S	MSA's	<ul> <li>SMSA's where one or more of the</li> <li>four largest grocery store firms</li> <li>operated a significant number of—</li> </ul>			
			Convenience stores	Superettes		
	*		Number			
l million or more	•	6	1	5		
300,000 to 999,999	•	12	6	6		
L50,000 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.

Firm 1 30%	15%
Firm 2	15
Firm 3 10	10
Firm 4 5	10
	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 ÷ 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 <u>annualized</u> 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 <u>actual</u> 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 whenver 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

	Change in 1967		a large number	
	population due to			our largest firms
SMSA	: additions or dele-		sings	: Openings
	tions of political		: Change in	: Change in
	subdivisions during	:four firms at	: number of	,: number of
	: 1967-72 <u>1</u> /	end of year 2/		supermarkets 4/
	percent		<u>Per</u>	cent
Akron, OH	<u> </u>		<del></del>	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	<b></b> 5/	
Canton, OH		-		29
Charleston, SC	:	X	25	
Charlotte-Gastonia, NC	35		-	
Fayetteville, NC		X	10	
Fayetterville, AR	•		20	30
Fort Wayne, IN	: 23	X	11	
Grand Rapids, MI	:	X	37	
Greenville-Sparta, SC	54			
Huntsville, AL	: 27	an an		
Kalamazoo-Portage, MI	: 26			
Las Vegas, NV			29	
Lexington, KY	: 48			
Lima, OH	: 26			
Mansfield, OH	• •	x	100 6/	est este
Mobile, AL		X	25	
Monroe, LA	<u></u>			44
Muskegon, MI		X	45	
Nashville-Davidson, TN	20		<del></del>	
New London-Norwich, CT	44			
Owensboro, KY		X	43	***
Paterson-Clifton, NJ	-70		<del></del>	
Pittsfield, MA		X	67 7/	
Portland, ME	•	4h	0, <u>,,</u>	

See footnotes at end of table

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

		Change in 1967	: SMSA's with a				
	<ul><li>population due to</li><li>additons or dele-</li></ul>		openings or closings by the four largest firms				
SMSA			: Clos	ings	: Openings		
	:	tions of political	: Fewer than :	Change in	: Change in		
	:	subdivisions during	:four firms at :	number of	: number of		
	:	1967-72 <u>1</u> /	:end of year $\frac{2}{}$ :	supermarkets 3/	:supermarkets 4/		
	:	Percent		<u>Per</u>	cent		
	:						
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> /			
	:						

<sup>1/</sup> 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 more of the SMSA's 1967 population were deleted during the 1967-72 period. —denotes that neither criteria was met.

Source: Special tabulations by the Bureau of the Census and appendix B.

<sup>2/</sup> 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.

<sup>3/</sup> 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.

<sup>4/</sup> 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.

<sup>5/</sup> No supermarkets were closed by the four leading firms during 1972. However, they closed 15 small grocery stores.

<sup>6/</sup> 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.

<sup>7/</sup> The four largest firms operated six supermarkets at the end of 1972; one was opened and four were closed during the year.

<sup>8/</sup> Eighteen supermarkets were closed by the largest firms during 1972 and none were opened.

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