PERSONAL INCOME AND POPULATION IN ARKANSAS COUNTIES: 1950-1962

ARKANSAS APPENDIX
to
METHODOLOGICAL SUMMARY REPORT
1 June 1966

Contract No. NASr-63(04)
MRI Project No. 2571-M

For

Headquarters
National Aeronautics and Space Administration
Office of Grants and Research Contracts
Washington, D. C. 20546

MRI
MIDWEST RESEARCH INSTITUTE
425 VOLKER BOULEVARD/KANSAS CITY, MISSOURI 64110/AC 816 LO 1-0202

PREFACE

Personal income is considered to be one of the best single measures of economic progress and well-being. This is true at all levels--national, state, local. Estimates of personal income for the nation are published monthly by the U. S. Department of Commerce, Office of Business Economics, in its Survey of Current Business, and state estimates are prepared annually. Unfortunately, comparable estimates of personal income at the county level are not available. Because of the need for income information at the sub-state level, a research effort was undertaken, under the sponsorship of the National Aeronautics and Space Administration, to develop estimates of county income, population and other measures of economic progress for a six-state region.* Questions relating to concepts, methodology, data sources, and data limitations for the region as a whole are discussed in separate volumes.** This appendix volume dealing with the State of Arkansas was prepared by Dr. Robert N. McMichael of the University of Arkansas. The report is one of six which present the methodology followed by the respective states along with estimates of county population and personal income.

---

* Arkansas, Iowa, Kansas, Missouri, Nebraska and Oklahoma.

** Midwest Research Institute, Methods of Estimating Personal Income by County in the Six-State Region of Arkansas, Iowa, Kansas, Missouri, Nebraska and Oklahoma, May 1966.

Richard W. Poole, James D. Tarver, David White and William R. Gurley, An Evaluation of Alternative Techniques for Estimating County Population in a Six-State Area, Economic Research Series No. 3, Oklahoma State University, March 1966.

W. Nelson Peach, Richard W. Poole and James D. Tarver, County Building Block Data for Regional Analysis: Oklahoma, Research Foundation, Oklahoma State University, March 1965.

W. Nelson Peach, Richard W. Poole, James D. Tarver, Larkin B. Warner and Lee B. Zink, Source Notes and Explanations for County Building Block Data for Regional Analysis, Research Foundation, Oklahoma State University, March 1965.

Larkin Warner, Estimates of Electricity Sales by Utilities, by County and of Service, Oklahoma, 1950 and 1960, Research Foundation, Oklahoma State University, 1965.

TABLE OF CONTENTS

		Page No.
I.	Introduction	1
II.	Strengths and Limitations	2
	Wages and Salaries	2
	Other Labor Income	2
	Proprietors' Income	2
	Property Income	3
	Transfer Payments	3
	Personal Contributions for Social Security	4
III.	Methodology for Personal Income Estimation	4
	A. Wage and Salary Disbursements	4
	B. Other Labor Income	11
	C. Proprietors' Income	11
	D. Property Income	16
	E. Transfer Payments	17
	F. Personal Contributions for Social Insurance	19
IV.	Estimates of Population and Personal Income by County in Arkansas	20
	Table I - Personal Income in Arkansas by County: 1950-1962	21
	Table II - Population in Arkansas by County: 1950-1962	23
	Table III - Per Capita Personal Income in Arkansas by County: 1950-1962	25
	Table IV - Major Components of Personal Income in Arkansas by County: 1950-1962	27
	Table Va - Wage and Salary by Sector in Arkansas by County: 1950	29
	Table Vb - Wage and Salary by Sector in Arkansas by County: 1962	31

I. INTRODUCTION

This study of personal income by county for the State of Arkansas was undertaken as part of a six-state project encompassing Iowa, Kansas, Missouri, Nebraska, Oklahoma and Arkansas. The completed Arkansas study was contributed to by many persons. Several state departments and officials, including Governor Orval Faubus, supported and contributed valuable information to the study. Special mention is due the Employment Security Division of the Arkansas Department of Labor (commonly referred to as "ESD" in the remainder of the report).

In addition, this entire project has had the support of the Dean of the College of Business Administration at the University of Arkansas. Very significant contributions have been made by the Bureau of Business and Economic Research of the University.

The methodology used in the study is described in detail in a subsequent section. Although there are certainly places in the methodology where improvement could be made, the methods used were felt to be the best available under the circumstances existing at the time they were employed.

The Arkansas methodology is not necessarily, and probably not, like that used by any other state. One common characteristic, however, is the device of using an allocation technique--as opposed to a buildup method--in distributing income to counties. The basic figures for this allocation method are the state income aggregate estimates supplied annually by the National Income Division of the Office of Business Economics of the U. S. Department of Commerce. These data are frequently referred to as "OBE" figures in the remainder of the report.

The income figures are reported in the county where they were earned rather than in the county of residence of the income recipient. In some instances, this results in a significant deviation from census figures which report personal income in the county of residence of the income recipient. However, even with this obvious discrepancy, the coefficient of rank correlation considering the 1960 census data and the study values for 1960 was 0.9857.

A situs adjustment could be made using the 1960 Census of Population to obtain the number of people going outside a county to work. Some inference could be drawn relative to where the people worked and a monetary evaluation of their total earnings could be made by using census income figures. Then an adjustment could be made in the study figures for the commuting to other counties. However, no situs adjustment was made in this study. The problem of

situs tends to disappear as the number of counties in a single multi-county unit increases. Since it is felt that this information will frequently be used in "blocks" of several counties, the situs problem becomes less significant.

II. STRENGTHS AND LIMITATIONS

In considering strengths and weaknesses, it seems best to present each segment separately.

Wages and Salaries

The wage and salary component is the strongest part of the Arkansas study. This is a result of the Arkansas Employment Security law which requires employers in covered industries to report wage payments if they have one or more employees. This provides more coverage than is available in most states. Coverage of 90 per cent or more of the employees in an industry is common.

The extrapolation of farm-wage payments, using the 1954 - 1959 change rate (from the Census of Agriculture), will yield negative figures in some counties for later years. Care should be taken here in projection.

Other points of weakness in the 1962 income estimates occur in contract construction and in military pay. Both of these components are very volatile--making extrapolations somewhat dangerous. A large construction project or the activation or deactivation of a military base contributes to fluctuations in these components.

Other Labor Income

The other labor income segment of personal income is primarily employer contributions to private pension plans. With this in mind, the industries were chosen in which it was felt that private pension plans would be most consistently maintained.

Proprietors' Income

Farm: Significant improvement in existing methodology is felt to have been made in this area. Allocation of farm cash receipts for Arkansas' three major field crops (cotton, soybeans and rice), which account for over

90 per cent of all cash field crop receipts in Arkansas, are considered especially reliable. The main weakness in this area lies in the allocation of production expenses to counties, particularly those types which are not reliably shown or indicated in the Census of Agriculture.

Nonfarm: The allocation of this component by use of a nonfarm self-employment estimate, weighted by the average county ESD covered wage may be open to some criticism. However, considering budget and time limitations and the inadequacy of available Census of Population data, it was not considered worthwhile to allocate the "professional services" component separately from the "business" component. The former component was approximately 11 per cent of the total nonfarm proprietors' income in 1949.

Property Income

Minor component detail obtained from the U. S. Department of Commerce enabled the separation of rental income from dividend and interest income and contributed substantially to the reliability of these estimates.

Rental income: The methodology used here is considered sound. A very desirable method would be to use property assessments, but these values in Arkansas are not considered reliable over the entire period of the study.

Dividend and interest income: The methodology employed was predicated on the assumption that dividend and interest income generally is a function of two variables: current income and savings (or wealth). Although the measures of these variables may possibly be considered rather crude and their weighting arbitrary, more reliable methods of estimation were not known to be readily available.

Transfer Payments

Minor component detail obtained from the U. S. Department of Commerce enabled the separation of the various components and contributed substantially to the reliability of these estimates.

OASI benefits: The methodology used appears sound as payment proportions tend to be rather stable.

Direct relief payments: This component was based on actual agency payments by county and is felt to be quite reliable.

State unemployment benefits: This component was based on agency payment records for all years except 1950 and 1951, and is considered very reliable except for these two years.

Veterans' payments: The allocation of this component has at least two weaknesses. First is the lack of reliable veteran population estimates by county. The second reason is that the category was allocated in total rather than by components. In the future it is recommended that allotments be allocated separately. Also, in earlier years where educational payments were substantial, it would be desirable to allocate these payments separately to counties in which such institutions are located.

Business transfer payments: The methodology employed should adequately account for the "consumer bad debts" and much of the "other business transfers" portions of this rather small component. No attempt was made to allocate the other portion, "corporate gifts to nonprofit institutions," separately.

Other transfer and retirement benefits: The allocation of this rather small component appears reasonable considering its relative insignificance and rather nebulous nature.

Personal Contributions for Social Security

The only consistent method of allocating this component appears to be that followed. No attempt was made to divide these contributions among those by farmers, self-employed persons, and wage earners; nor to allocate these components separately under the various laws applicable to the years under study.

III. METHODOLOGY FOR PERSONAL INCOME ESTIMATION

A. Wage and Salary Disbursements

General Allocation Techniques--Wages

Three similar techniques were employed in the allocation of various nonfarm, nongovernment wage components to counties in Arkansas in order to make fullest use of all available data.

1. General Residual Method: In those instances where complete enumeration of wage payments was obtained from the Employment Security

Division (ESD) of the Arkansas Department of Labor for the odd years, 1951 - 1961, and substantial data were available for the even years, 1950 - 1962, the following general procedure was employed.

a. Aggregates for the odd years, 1951 - 1961, were allocated on the basis of the complete enumeration available.

b. The available data on covered wages for the even years, 1950 - 1962, were recorded; "gaps" being left where the wages paid were undisclosed (i.e., lumped into an "other" category).

c. A residual applicable to these undisclosed counties was established by subtracting from the total state covered wages in the category the total of wages classified as "statewide" and those disclosed by county. This residual was allocated to fill the "gaps" on the basis of the proportion that covered wages in both surrounding odd years bore to the total odd year covered wages in all such counties undisclosed in the even year data. In the case of 1950 and 1962, 1951 and 1961 data, respectively, were used, as surrounding year data were not readily available.

2. "Supplementary Data Only" Variation: In some instances no published wage data were available but odd year wage data were furnished for the years, 1951 - 1961, by ESD. In these instances wages were allocated in the even years on the basis of the unweighted mean of the covered wages in the surrounding odd years. Again, 1950 and 1962 were based on 1951 and 1961 data.

3. "No Supplementary Data" Variation: In order to impose on the staff of ESD only where supplementary data were considered sufficiently valuable to justify their effort, certain data were not requested where wage coverage was virtually complete and the component being considered was not subject to extreme fluctuations. In these instances the "gaps" in wage coverage were estimated by various supplemental data.

These general techniques will be referred to frequently in the following detailed methodology summary. Variations in these techniques for specific components will be noted appropriately.

Specific Component Methodology

1. Farm:

a. Wages paid hired labor by county (Tables 3, 6 and 7 of the 1950, 1954 and 1959 Census of Agriculture, respectively), were adjusted to

equivalent bases. (The 1950 census data were actually 1949 data in this instance and were used as such.) The years, 1950, 1951, 1952 and 1953 were estimated by straight-line interpolation of the average 1949 - 1954 change. The years 1955, 1956, 1957 and 1958 were estimated by straight-line interpolation of the 1954 - 1959 average change. The years, 1960, 1961 and 1962 were estimated by extrapolation of the 1954 - 1959 change coefficient.

b. This allocator series was adjusted to the appropriate annual state aggregate figures, as determined by the National Income Division of the Office of Business Economics of the U. S. Department of Commerce (henceforth referred to as OBE).

2. Mining:

a. Covered payrolls in mining industries were obtained for all 75 Arkansas counties for the odd years, 1951 - 1961, from the ESD.

b. Published covered payrolls in mining industries for the even years, 1952 - 1962, were obtained by county. General Allocation Technique A, the General Residual Method, was followed for the years, 1951 - 1961.

c. Covered payrolls in mining industries during 1950 were estimated by use of the first quarter report of the ESD (prior to 1951, only the first quarter data were published). Published county covered payrolls were adjusted to an annual equivalent by application of the average ratio of total covered annual payrolls to total covered first quarter payrolls during the 1951 - 1961 period. General Allocation Technique A was employed using 1951 data to fill the "gaps."

d. The residual attributable to 1962 nonreported counties was established and allocated to nonreported counties on the basis of 1961 relationships of these nonreported counties. Again, General Allocation Technique A was used.

e. This allocator series was adjusted to the OBE state aggregate figures.

3. Contract Construction:

a. Published covered county payrolls in contract construction for the even years, 1952 - 1962, were obtained and complete odd year data were obtained for 1951 - 1961. General Allocation Technique A, the General Residual Method, was employed.

b. "Gap" estimates for 1950 were based on 1951 data; 1962 "gap" estimates were based on 1961 data.

4. Manufacturing:

a. Covered wage data in manufacturing industries were available for all counties during 1951 - 1962. General Allocation Technique C, "No Supplementary Data Variation," was employed.

b. Covered wages by county during 1950 were estimated from first quarter data only.

c. Covered payroll data were adjusted to the OBE state aggregate figures.

5. Wholesale and Retail Trade:

a. Published covered payrolls in wholesale and retail trade by county were obtained for 1950 - 1962. General Allocation Technique C was employed as complete listings were not obtained for odd years.

b. First quarter covered OASI wages for 1951, 1953, 1956 and 1959 were obtained from County Business Patterns. The figures were multiplied by 4 and interpolated and extrapolated (straight line) for use as estimators of covered ESD payrolls in nonreported counties ("gap").

c. Covered payrolls for 1950 were estimated from first quarter data only.

d. The foregoing series was adjusted to the OBE state aggregate figures.

6. Finance, Insurance and Real Estate:

a. Covered payrolls in finance, insurance and real estate were obtained for all 75 counties for the odd years, 1951 through 1961.

b. To make fullest use of available data, both General Allocation Techniques A and B were used.

(1) Covered payrolls in 1952, 1954 and 1956 were estimated to be the unweighted mean of ESD covered wages during the surrounding odd years and this series was adjusted to the OBE state aggregate. The residual methodology could not be used for

these years as published data before 1958 did not appear comparable with later values. Data obtained for odd years from the ESD were all comparable.

(2) Allocation of the OBE state aggregates for 1958, 1960 and 1962 was done by General Allocation Technique A.

c. The 1950 allocation was based on 1951 data; 1962 "gap" estimates were based on 1961 information.

7. Transportation:

a. Highway and other:

(1) Covered payrolls in transportation were obtained from ESD for all 75 counties for the odd years, 1951 through 1961. (These wages excluded those paid by railroads and railway express agencies.) General Allocation Technique B was employed, as no even year data were available.

(2) County estimates for 1950 were based on 1951 data; 1962 was based on 1961 data.

(3) This series was then adjusted to the OBE state aggregate values for this category.

b. Railroads:

(1) Employment in railroads and railway express service by county was obtained from the 1950 and 1960 Census of Population. Estimates of employment by county for the years, 1951 through 1959, were based on straight-line interpolation of these census data; 1961 and 1962 employment was estimated by extrapolation of this change coefficient.

(2) This series was adjusted to OBE wages paid in railroads.

8. Communications and Public Utilities:

a. Covered payrolls in communications and public utilities industries were obtained for all 75 counties from ESD for the odd years, 1951 - 1961.

b. General Allocation Technique B was employed.

c. The 1950 OBE state aggregate was allocated on the basis of 1951 data; 1962 was based on 1961 data.

9. Services:

a. Covered payrolls in services were obtained for all 75 counties for the odd years, 1951 through 1961.

b. To make fullest use of available data, both General Allocation Techniques A and B were used.

(1) Covered payrolls in 1952, 1954 and 1956 were estimated to be the unweighted mean of ESD covered wages during the surrounding odd years and this series was adjusted to the OBE state aggregate. The residual methodology could not be used for these years as published data before 1958 did not appear comparable with later data. Data obtained for odd years from the ESD were comparable.

(2) Allocation of the OBE state aggregates for 1958, 1960 and 1962 was done by General Allocation Technique A, the "General Residual Method."

c. The 1950 allocation was based on 1951; 1962 "gap" estimates were based on 1961 data.

10. Government:

a. Federal civilian:

(1) Federal civilian employment by county for the years 1950 and 1960 was obtained from the Report of the Joint Committee for the Reduction of Nonessential Federal Expenditures (Byrd Reports) for the respective years.

(2) Employment by county for the years 1951 - 1959 was estimated by straight-line interpolation. Employment during 1961 and 1962 was estimated by extrapolation of this change coefficient.

(3) This allocator series was adjusted to the OBE state aggregates of wages and salaries in federal civilian employment.

b. Federal military:

(1) Employment in armed forces was obtained by county from the 1950 and 1960 Census of Population (Tables 43 and 83, respectively).

(2) Employment by county for the years 1951 - 1959 was estimated by straight-line interpolation; employment estimates for 1961 and 1962 were made by extrapolation of this change coefficient.

(3) Armed forces population estimates by county were supplemented by information on personnel in the four major counties affected in the state for the years 1951 - 1961. This information was obtained from the Director of Statistical Services of the Office of the Assistant Secretary of Defense.

(4) This allocator series was adjusted to the OBE state aggregates.

c. State and local:

(1) Civilian employment in Government was established from the 1950 and 1960 Census of Population (Tables 43 and 84, respectively), and federal civilian employment by county was subtracted in order to obtain an estimate of state and local Government employment by county.

(2) Employment by county was estimated for the years 1951 - 1959 by straight-line interpolation between the 1950 and 1960 benchmarks; 1961 and 1962 were estimated by extrapolation of the change coefficients.

(3) This employment by county series was weighted by the average covered weekly wage by county.

(4) This allocator series was adjusted to the OBE state aggregates.

d. Federal civilian, federal military and state and local wages and salaries were summed and adjusted to the OBE state aggregates for "Government" wage and salary disbursements.

11. Other Industries

a. Employment in agriculture, forestry and fisheries by county was obtained from the 1950 and 1960 Census of Population (Tables 43 and 85, respectively).

b. Employment by county for the years 1951 - 1959 was estimated by straight-line interpolation between the 1950 and 1960 benchmarks; estimates of employment in these industries during 1961 and 1962 were made by extrapolation of this change coefficient.

c. This allocator series was adjusted to the OBE state aggregates.

B. Other Labor Income

County wage and salary estimates for the following categories were summed:

1. Mining,
2. Contract construction,
3. Manufacturing,
4. Finance, insurance and real estate,
5. Transportation, and
6. Communications and public utilities.

This allocator series was adjusted to the OBE state aggregates. (The industries in which private pension plans were considered prevalent in Arkansas for the 1950 - 1962 period were selected; wholesale and retail trade was omitted as this category is largely composed of unincorporated small businesses in the state and it was felt that few would have had pension plans during the entire period under study.)

C. Proprietors' Income

1. Farm Proprietors' Income: (The following methodology was furnished by the Bureau of Business and Economic Research of the University of Arkansas.)

a. General procedures:

(1) State farm wages and state farm proprietor income aggregates were obtained from U. S. Department of Commerce. (These data were from the U. S. Department of Agriculture--USDA--in the more recent years.)

(2) These annual estimates were distributed or allocated to the 75 counties on the basis of other farm statistics, primarily those shown in the Census of Agriculture for 1950, 1954 and 1959.

(3) Interpolation procedures were designed for arriving at intercensal year estimates. These were largely straight-line interpolations of county ratios or proportions (to state totals) in the benchmark years of 1949, 1954 and 1959. This was done because the annual state estimate controls the sum of the 75 county estimates.

(4) The distribution or allocation methods described later for farm production expenses differ considerably from similar procedures which adopt nearly all the census "specified farm expenditures" data as measures of the county allocations. In Arkansas, the latter data on feed costs and livestock purchases were found to result in unacceptable income estimates for many counties. In general, the rejected results were considered too low in many instances for livestock-dominated counties and too high for crop-dominated counties. This decision was based on careful analysis and comparison of such net income results in relation to the more reliable farm cash receipts estimates.

(5) The USDA Farm Income Situation series and Supplements were used to provide a breakdown of the U. S. Department of Commerce annual figures for state farm proprietor income between various income and expense factors. The latter data were allocated separately, in most instances, to the counties. When the two sources (Commerce and Agriculture) differed on the state net income estimate, adjustment to the Commerce figure was made, when the difference exceeded 0.5 per cent. This was done after the county allocations were completed, and not as a preliminary step.

b. Farm income:

(1) Farm marketing cash receipts and inventory adjustments:

(a) The total FIS figure (Farm Income Situation reports) was divided between crop receipts and livestock receipts using FIS detailed product estimates as basis for the division.

(b) The state total crop receipts and livestock were adjusted separately for the corresponding inventory changes. (Necessary breakdown of the FIS inventory change figures is available from USDA.)

(c) The adjusted crop receipts were divided into four product groups (field crops, vegetables, fruits and nuts and forest and horticultural products), and allocated to counties on the basis of census data on "value of products sold" for the corresponding groups.

(d) The adjusted livestock receipts were divided into three product groups (poultry, dairy and other livestock products), and allocated by the corresponding census data.

(2) Government payments to farmers: The FIS state total figures were allocated to counties on the basis of county data provided by the state office of the Agricultural Stabilization and Conservation Service, USDA. (Data for later years only were available; similar proportions were used for earlier years.)

(3) Value of home consumption: The FIS state total figures were allocated to counties on the basis of available county farm population in 1950, 1955 and 1960. (Data for 1950 and 1960 were obtained from the Census of Population; 1955 was estimated through use of agricultural census data on the number of farms to supplement census data.)

(4) Rental value of farm dwellings: The FIS state total figures were adjusted to counties on the basis of census data for farm operators residing on farms.

c. Farm production costs:

(1) Feed costs: Allocated to counties on the basis of adjusted livestock cash receipts (previously estimated).

(2) Livestock purchases: Allocated to counties on the basis of adjusted livestock cash receipts (previously estimated).

(3) Seed costs: Allocated to counties on the basis of adjusted crop cash receipts (previously estimated).

(4) Fertilizer and lime: Allocated to counties on the basis of the related census data.

(5) Repairs and operation of capital items: Allocated to counties on the basis of census data on machine hire, gasoline and other fuel costs and repair expenditures, when given.

(6) Hired labor: Allocated to counties on the basis of the corresponding census data.

(7) Miscellaneous expense: Allocated to counties on the basis of their total adjusted cash receipts (previously estimated).

(8) The remaining FIS expense items represent more or less fixed expenses, bearing little direct relationship to annual farm output fluctuations.

(a) Depreciation: Allocated to counties on the basis of a computation from Census of Agriculture data, which was considered to be a usable measure for the number of "depreciable units." Computation: The aggregate sum of the number of farms (for buildings), and the numbers of specified machinery and production equipment (for other capital items).

(b) Property taxes, mortgage interest and rent: Allocated to counties on the basis of computation from Census of Agriculture data, accepted as relative measure of "aggregate" real property values. Computation: The product of acres of land in farms and the average per acre value of land and buildings.

d. Final adjustments:

(1) Under conditions of heterogeneous types of farm production, almost any feasible method of allocating state production expense estimates to counties tends to produce some county net income estimates which seem unacceptable. For instance, negative net income figures or operating deficits may sometimes develop from the use of standard expense allocation procedures. Unless it can be clearly demonstrated that such results actually took place, their use in an income statistics series is questionable. Similar considerations are felt to be appropriate in regard to county net income estimates which, in relation to gross income, show extreme variation from state average net to gross ratios.

(2) Using the state profitability indicator (net to gross income ratio) as a point of central tendency, county estimates which appeared most questionable were re-examined. In numerous instances, statistics and other information external to the allocation procedures were considered. As a result, certain of the initial county estimates were adjusted to produce a more reasonable relationship to the corresponding gross income figure. Vital to the justification for such adjustments is the belief that the initial income allocations are significantly more reliable than are the expense allocations.

(3) In some years, when the county income and expense estimates (controlled by state FIS totals) were summarized to arrive at the county net income figures, the sum thereof did not agree closely with the U. S. Department of Commerce annual figure for farm proprietor income. Where the difference was considered significant, the county net income estimates were adjusted proportionately to equal the state total shown by the Department of Commerce (see the foregoing).

2. Nonfarm Proprietors' Income

a. Nonfarm self-employment by county was estimated from Census of Population data as follows:

(1) 1950: Table 43, self-employed workers minus farmers and farm managers.

(2) 1960: Table 84, the sum of male and female employed in nonagricultural industries in "self-employed" subclass.

b. The 1950 employment series was adjusted to a 1960 basis.

c. A midpoint for employment on the adjusted basis, in nonfarm self-employment (1955) was estimated by weighting equally two factors:

(1) The midpoint of the 1950 and 1960 employment series, as adjusted to a 1960 basis.

(2) The number of proprietors of unincorporated businesses in retail, wholesale and selected service trades as reported in the 1954 Census of Business.

d. Adjusted employment by county in this classification was estimated for 1951, 1952, 1953 and 1954 by linear interpolation between the 1950 and 1955 benchmarks and for 1956, 1957, 1958 and 1959 by straight-line interpolation between the 1955 and 1960 benchmarks. The 1955 - 1960 change coefficient was extrapolated in order to estimate nonfarm self-employment in 1961 and 1962.

e. These nonfarm self-employment estimates were weighted by the average weekly wage in covered employment (ESD).

f. This allocator series was adjusted to the OBE state aggregate.

D. Property Income

1. Rental Income:

a. Allocators for rental income (both monetary and imputed) were established as follows:

(1) 1950: Total dwelling units--urban and rural nonfarm for 1950 were multiplied by median gross rent (1950 Census of Housing, Table 28).

(2) 1960: All occupied units, less rural farm units, were multiplied by median gross rents (1960 Census of Housing, Tables 30 and 34).

(3) Allocators for the years between 1950 and 1960 were established by linear interpolation between the 1950 and 1960 benchmarks; 1961 and 1962 allocators were estimated by extrapolation.

b. These allocators were adjusted to the state aggregate rental income component (minor component detail obtained from the U. S. Department of Commerce).

2. Dividend and Interest Income:

a. This component was considered to be a function of both current income and wealth, and was allocated by county on the basis of two factors weighted equally:

(1) The sum of all wages and salaries and all proprietors' income, as estimated.

(2) Demand and time deposits of individuals, partnerships and corporations (excluding Government and interbank accounts). (These deposit data are available on a biannual sample basis in Distribution of Bank Deposits by Counties and Standard Metropolitan Areas, a publication of the Board of Governors of the Federal Reserve System.) Intervening years were estimated as the average of the surrounding even years.

b. The estimates of rental income and dividend and interest income were summed and where necessary adjusted in total to the OBE state aggregates of property income.

E. Transfer Payments

A minor component division was obtained from the U. S. Department of Commerce detailing the composition of the state aggregate transfer payments component. The allocation was as follows:

1. OASI Benefits:

a. Monthly benefits in current payment status by count of residence of beneficiary was obtained from the local office of the Social Security Administration.

b. This series was adjusted to the OBE aggregates.

2. Direct Relief Payments:

a. Fiscal year direct relief payments were taken as reported in the appendices of the Annual Report of the Arkansas Department of Public Welfare for each year 1950 - 1962.

b. This series adjusted to OBE aggregates.

3. State Unemployment Benefits:

a. Benefit payments by county were obtained from the Annual Report of the Arkansas Employment Security Division, of the Department of Labor for the years 1955 - 1962. These data were summarized from the Department's monthly reports for the years 1952 - 1954. Benefits by county

were estimated for 1950 on the basis of unemployed (male and female) as reported in Table 43 of the 1950 Census of Population. Benefits paid during 1951 were estimated as the unweighted mean of the 1950 and 1952 benefits.

b. Unemployment benefit estimates were then adjusted to the state OBE aggregates.

4. Veterans' Payments:

a. This component included, for purposes of this study, all veterans' readjustment and schooling allowances, Government life insurance benefits, veterans' pensions and compensations, and other military and veterans' payments.

b. Veteran population by county was obtained as follows: An estimate of veteran population for 1951 was obtained from the Arkansas office of the Veterans Administration (VA) and used as an estimate of veteran population in 1950. (Note: Estimates for later years supplied by the VA were merely revisions based on this early estimate.) Veteran population for 1960 was obtained from the 1960 Census of Population, Table 82.

c. Estimates of veteran population by county for the years 1951 - 1959 were obtained by linear interpolation between the 1950 and 1960 benchmarks; 1961 and 1962 estimates were obtained by extrapolation of this change coefficient.

d. This allocator series was adjusted to the OBE state aggregate.

5. Business Transfer Payments: Retail sales tax collections by county were obtained from the Arkansas Department of Revenue and adjusted to the state OBE aggregate. (Sales tax collections were considered to be a satisfactory allocator since this component consists primarily of bad debts.)

6. Other Transfer and Retirement Benefits: For purposes of this study, this component consists of: railroad retirement benefits, federal civilian retirement benefits, other federal transfer payments, state and local government retirement benefits, and other state and local transfers.

a. White male population age 65 and over was obtained from the 1950 and 1960 Census of Population (Tables 41 and 27, respectively). Estimates of population during the years 1951 - 1959 were obtained by linear interpolation and for 1961 and 1962 by extrapolation of this change coefficient.

b. This allocator series was adjusted to the state aggregate as reported by OBE.

7. The components estimated by county were summed and adjusted in total to the state OBE aggregate where necessary.

F. Personal Contributions for Social Insurance

This category was allocated to counties on the basis of total wages and salaries and total proprietors' income as estimated in this study.

IV. ESTIMATES OF POPULATION AND PERSONAL INCOME BY COUNTY IN ARKANSAS

TABLE I

PERSONAL INCOME IN ARKANSAS BY COUNTY: 1950-1962

County	Thousands of Dollars												
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Arkansas	24,932	27,936	29,365	30,283	31,874	36,720	35,092	33,918	33,466	41,176	41,123	48,052	47,831
Ashley	22,399	22,623	23,784	24,294	25,360	29,556	29,714	30,734	30,614	33,499	34,025	36,974	38,771
Baxter	12,263	11,838	8,709	6,887	6,696	6,940	7,449	7,965	8,644	9,513	9,606	11,256	12,525
Benton	34,677	39,444	37,949	36,304	34,303	36,909	37,627	39,402	45,037	49,238	52,258	57,130	61,302
Boone	11,877	13,857	14,153	14,151	13,963	14,747	15,170	16,516	17,926	20,601	21,129	22,495	24,389
Bradley	13,351	14,015	13,936	13,600	14,102	15,567	16,002	15,174	15,094	16,542	16,555	16,948	18,059
Calhoun	3,136	3,348	3,197	2,990	2,814	3,050	3,062	3,098	3,498	3,832	3,793	4,024	4,153
Carroll	8,707	10,369	10,587	10,528	9,847	10,405	10,631	11,572	12,673	13,775	14,641	17,815	20,066
Chicot	12,104	13,309	14,036	14,104	14,530	16,583	16,399	15,878	16,464	18,791	18,053	19,853	20,611
Clark	14,157	15,968	17,285	21,561	20,113	18,684	21,402	22,271	22,864	25,601	24,445	24,092	25,431
Clay	17,493	18,309	18,189	17,881	17,055	18,991	18,257	17,734	18,464	22,230	21,675	24,448	25,497
Cleburne	5,225	5,714	5,520	5,283	4,841	5,270	5,405	5,699	6,549	8,351	10,632	13,064	13,773
Cleveland	4,291	4,433	4,159	4,154	3,757	3,790	3,793	3,940	4,275	5,139	5,125	5,349	5,024
Columbia	22,145	22,761	23,345	24,173	24,295	25,524	26,668	29,149	30,804	33,080	33,110	33,113	33,993
Conway	10,117	11,315	11,439	11,325	11,171	12,684	13,380	13,680	13,783	15,308	16,316	18,548	18,447
Craighead	40,695	43,799	44,460	43,727	43,402	49,777	51,342	52,988	56,741	65,359	66,703	75,735	78,013
Crawford	12,278	13,535	13,620	13,546	12,656	13,750	14,530	14,935	15,573	17,603	17,934	18,782	20,834
Crittenden	33,554	37,841	39,123	39,594	40,000	47,353	44,285	41,076	40,952	47,659	46,601	51,312	53,968
Cross	17,780	19,466	19,172	18,937	18,373	21,988	21,309	19,204	19,855	24,397	23,194	27,129	27,966
Dallas	8,070	8,584	8,517	8,519	8,528	8,933	9,605	9,488	10,059	10,712	10,884	12,009	12,540
Desha	15,816	17,260	17,673	17,983	17,867	20,660	20,361	18,884	19,790	22,888	22,633	26,043	25,205
Drew	10,873	11,201	11,118	10,925	10,612	11,773	12,236	12,124	12,793	14,077	13,743	14,816	15,102
Faulkner	14,280	15,529	16,220	16,146	15,721	17,364	18,375	20,025	20,439	24,223	25,928	36,008	36,019
Franklin	6,387	7,002	7,004	7,564	7,137	7,138	7,334	7,473	7,992	8,828	9,213	10,117	10,737
Fulton	4,883	5,236	4,829	4,346	4,007	4,343	4,421	4,879	4,917	5,361	5,912	6,310	6,364
Garland	48,471	50,853	48,412	49,070	48,700	49,446	52,506	53,968	58,521	63,074	64,779	70,332	76,262
Grant	4,536	4,980	4,899	4,979	4,937	5,473	6,001	6,203	7,131	7,998	7,846	8,160	7,946
Greene	20,124	21,651	21,457	21,371	20,813	22,890	23,661	23,651	25,880	29,928	29,358	31,679	32,581
Hempstead	15,323	16,797	16,772	15,992	15,248	16,936	17,793	17,668	19,069	20,261	20,830	21,259	21,561
Hot Spring	16,825	20,402	25,147	26,024	26,626	29,461	30,128	31,090	31,147	31,721	30,336	29,833	30,759
Howard	8,908	9,455	9,568	9,352	9,212	10,904	11,857	12,204	13,172	15,426	16,487	16,557	17,539
Independence	15,146	16,563	16,763	16,418	15,955	17,467	18,562	19,222	20,439	22,719	22,898	25,268	27,666
Izard	5,014	5,266	4,915	4,543	4,158	4,437	4,532	4,629	4,560	5,410	5,470	5,632	5,741
Jackson	19,585	22,260	22,080	22,477	23,737	27,236	26,925	25,303	25,312	29,357	27,771	32,641	32,820
Jefferson	66,549	80,715	106,357	88,529	79,327	86,792	93,243	101,756	104,038	115,236	119,518	126,844	131,202
Johnson	9,818	10,846	10,657	10,651	10,000	10,716	10,545	10,451	10,673	11,507	11,964	12,565	12,166
Lafayette	9,356	10,290	9,611	9,005	8,491	9,280	9,670	9,536	10,301	10,984	10,946	11,833	11,785
Lawrence	12,174	12,827	12,835	12,502	12,216	13,794	13,755	13,798	15,953	17,094	17,203	19,693	19,380

TABLE I (Concluded)

County	Thousands of Dollars												
	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Lee	15,012	16,372	16,004	16,067	15,346	18,204	17,071	15,550	16,477	19,519	17,520	21,622	21,533
Lincoln	8,878	10,169	10,126	9,921	9,534	11,468	11,274	10,896	11,555	14,351	13,523	15,197	14,572
Little River	5,422	5,593	5,368	5,228	5,606	5,954	6,178	6,186	9,344	8,358	8,797	9,406	9,644
Logan	9,603	10,391	10,380	10,271	10,228	11,180	11,515	12,120	13,403	15,048	15,294	16,827	16,797
Lonoke	19,600	21,469	21,460	21,746	21,420	24,769	23,221	21,810	22,560	26,647	26,165	30,537	29,928
Madison	5,554	6,165	5,745	5,271	4,961	5,592	5,420	5,801	6,790	7,702	8,245	9,168	10,361
Marion	3,388	3,725	3,596	3,355	3,159	3,419	3,405	3,792	4,432	4,904	5,076	5,431	5,853
Miller	26,198	27,547	28,130	28,496	27,985	28,842	29,799	30,782	32,275	34,588	35,003	35,824	37,951
Mississippi	68,898	73,341	71,735	69,405	67,977	79,591	84,919	83,052	78,688	93,444	99,836	114,150	115,870
Monroe	12,496	13,422	13,323	13,332	13,098	15,031	14,768	13,909	14,472	16,936	16,625	19,841	20,397
Montgomery	2,463	2,623	2,515	2,405	2,342	2,737	3,038	3,447	4,275	5,051	5,139	5,612	6,102
Nevada	8,883	9,282	9,095	8,714	8,368	8,659	8,726	8,905	8,513	9,362	9,613	10,211	10,420
Newton	2,879	2,946	2,731	2,483	2,372	2,551	2,592	2,612	2,996	3,036	3,093	3,374	3,383
Ouachita	28,626	49,553	47,901	49,459	45,511	47,018	47,280	50,540	44,271	42,963	44,145	45,130	47,977
Perry	2,227	2,477	2,443	2,436	2,396	2,701	2,815	2,817	3,129	3,385	3,388	3,671	3,821
Phillips	33,234	36,556	37,875	39,228	38,595	41,820	40,148	39,122	41,806	49,455	51,948	55,669	55,297
Pike	5,641	4,781	4,725	4,689	4,637	5,045	5,566	5,985	6,401	7,249	7,733	8,244	8,866
Poinsett	30,427	33,070	33,201	33,411	33,367	39,461	37,758	34,462	34,499	42,589	41,910	46,929	47,496
Polk	8,013	8,426	8,393	8,157	7,948	8,591	9,267	9,723	10,093	11,509	11,467	12,676	14,006
Pope	13,509	14,364	15,294	15,328	15,102	16,588	18,337	19,908	21,876	25,096	27,531	29,447	32,016
Prairie	8,921	10,110	10,486	10,953	11,250	13,160	12,331	11,045	11,003	13,191	13,171	15,459	15,418
Pulaski	256,781	283,730	299,746	316,285	316,044	335,923	384,013	407,269	437,157	476,470	494,711	525,045	553,255
Randolph	11,205	11,716	11,348	10,847	9,773	10,339	10,275	9,794	10,301	11,928	11,777	13,270	14,191
St. Francis	25,754	28,976	28,985	31,684	29,318	31,090	29,717	27,828	29,933	37,462	33,505	38,898	40,552
Saline	20,278	21,988	27,944	29,566	30,783	31,898	34,896	38,966	37,129	39,189	39,220	41,520	43,253
Scott	4,770	5,044	4,851	4,286	4,008	4,500	4,907	5,104	5,457	6,510	6,659	7,509	8,495
Searcy	4,614	4,904	4,780	4,544	4,229	4,718	4,937	4,994	5,523	6,273	6,557	6,858	7,108
Sebastian	98,209	139,847	151,474	157,146	160,568	163,659	153,970	161,464	153,814	139,289	123,627	134,326	196,160
Sevier	7,368	7,917	8,112	7,809	7,219	7,908	8,836	9,597	10,291	10,913	11,155	11,818	12,537
Sharp	3,908	4,060	3,830	3,519	3,213	3,346	3,311	3,516	3,977	4,483	4,886	5,537	6,107
Stone	2,817	3,054	2,973	2,858	2,747	3,038	3,088	3,317	3,752	4,252	4,365	4,594	4,877
Union	58,807	62,466	65,587	69,120	70,114	71,658	75,721	78,321	78,765	82,261	83,598	87,658	89,166
Van Buren	4,059	4,383	4,295	3,996	3,791	4,053	3,932	4,200	4,547	5,022	5,461	6,271	6,354
Washington	45,912	53,113	53,046	51,867	51,276	55,532	59,149	64,968	71,785	81,802	86,143	95,406	100,941
White	21,150	22,424	23,654	23,766	23,683	25,323	26,707	27,746	29,988	33,537	35,239	42,910	40,052
Woodruff	11,592	12,648	12,732	12,835	12,617	14,691	13,703	12,324	12,775	15,609	14,019	16,696	16,513
Yell	7,496	8,720	8,765	8,736	9,158	9,584	9,633	10,178	11,740	12,871	13,176	16,595	18,341

TABLE II

POPULATION IN ARKANSAS BY COUNTY: 1950-1962

County	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Arkansas	23,890	23,944	23,500	22,888	22,585	22,637	22,748	22,821	23,212	23,274	23,385	23,733	24,493
Ashley	25,483	24,892	24,515	23,429	23,142	23,041	23,101	23,310	23,381	23,945	24,256	24,579	25,252
Baxter	11,625	11,001	10,216	9,429	8,510	8,526	8,604	9,053	9,076	9,557	9,922	9,935	10,090
Benton	38,206	37,599	37,612	35,603	33,796	33,407	32,245	32,683	33,190	34,954	36,395	36,898	38,046
Boone	16,236	16,337	15,130	14,666	14,209	14,111	13,781	14,332	14,397	14,880	16,210	16,743	17,562
Bradley	15,795	15,512	14,362	13,835	13,555	13,968	13,882	13,731	13,761	14,044	14,025	14,094	14,368
Calhoun	7,047	6,957	7,233	7,188	6,473	6,337	5,928	5,976	5,762	5,779	5,983	5,994	6,092
Carroll	13,147	12,887	11,368	11,108	10,106	10,136	9,867	10,234	10,057	11,020	11,272	11,330	11,578
Chicot	22,077	21,084	20,480	19,289	19,134	19,854	19,468	19,465	18,482	18,617	18,983	19,122	19,536
Clark	22,741	22,206	22,228	21,010	20,624	20,663	20,727	20,723	20,527	20,631	20,966	21,159	21,634
Clay	26,348	25,543	23,460	22,690	22,168	22,177	21,550	21,224	21,021	21,214	21,196	21,156	21,449
Cleburne	11,100	10,933	8,937	8,472	8,117	7,876	7,456	7,703	7,837	8,239	9,047	9,090	9,259
Cleveland	8,796	8,811	7,714	7,566	7,376	7,310	6,673	6,428	6,392	6,791	6,923	6,902	6,964
Columbia	28,696	28,668	28,046	26,638	25,915	25,995	25,596	26,073	26,012	26,379	26,418	26,677	27,329
Conway	17,982	17,968	16,926	15,001	14,536	14,372	14,204	14,452	14,576	14,967	15,425	15,531	15,886
Craighead	50,829	50,381	50,443	48,742	47,726	47,186	45,494	45,780	46,082	46,595	47,349	47,993	49,424
Crawford	22,826	22,505	21,792	20,495	20,535	20,889	20,643	20,643	20,639	20,889	21,331	22,006	22,253
Crittenden	48,683	47,805	46,345	47,018	45,326	45,506	45,359	45,646	46,527	46,887	47,661	48,499	50,149
Cross	24,804	23,753	23,677	22,513	21,157	20,744	20,137	19,906	18,572	19,075	19,529	19,557	19,883
Dallas	12,133	11,988	11,478	11,139	11,076	11,009	10,659	10,882	10,515	10,543	10,500	10,508	10,671
Desha	25,216	25,108	24,981	23,345	22,569	22,357	21,445	21,030	20,741	20,829	20,759	20,888	21,341
Drew	17,889	17,588	16,908	16,361	15,845	15,667	14,936	15,093	14,976	15,134	15,200	15,302	15,609
Faulkner	25,171	24,166	23,962	22,413	21,438	21,253	21,076	21,609	22,012	23,556	24,345	24,779	25,614
Franklin	12,167	11,886	11,050	10,659	10,083	10,096	9,793	10,081	9,961	10,012	10,182	10,173	10,338
Fulton	9,105	8,618	8,040	7,569	6,869	6,791	6,522	6,723	6,517	6,531	6,631	6,571	6,602
Garland	47,228	47,189	47,417	46,074	45,697	45,042	44,505	44,906	44,963	45,756	46,783	47,555	49,091
Grant	8,941	9,014	8,563	8,281	7,913	7,758	7,379	7,864	8,241	8,379	8,297	8,376	8,586
Greene	28,924	27,991	27,326	25,070	24,886	24,753	23,906	24,088	23,991	24,461	25,188	25,426	26,028
Hempstead	24,702	23,951	21,503	20,993	20,367	19,937	19,169	19,305	19,153	19,381	19,617	19,594	19,844
Hot Spring	22,455	23,142	23,204	22,537	22,288	22,043	21,488	21,816	21,614	22,180	21,929	22,261	22,929
Howard	13,270	11,623	10,858	10,873	10,547	10,224	9,915	10,281	10,196	10,428	10,862	10,889	11,083
Independence	23,388	22,170	20,990	20,267	19,628	19,495	19,359	19,358	19,546	19,771	20,018	20,089	20,439
Izard	9,813	9,485	7,536	7,262	6,373	6,488	6,096	6,296	6,102	6,438	6,722	6,642	6,662
Jackson	26,129	26,244	26,307	24,775	24,547	24,579	24,133	23,385	22,137	22,458	23,016	23,222	23,812
Jefferson	75,850	75,610	75,131	75,420	75,028	74,657	75,283	75,757	76,480	79,968	81,541	83,613	86,948
Johnson	15,345	14,894	13,880	12,829	12,228	11,902	11,279	11,495	11,411	12,154	12,379	12,327	12,457
Lafayette	13,022	12,838	12,083	11,924	11,505	11,534	10,991	11,136	11,030	10,907	11,158	11,234	11,467
Lawrence	21,176	20,220	18,622	15,183	15,031	15,117	13,721	13,529	13,864	14,484	17,098	17,122	17,398

TABLE II (Concluded)

County	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Lee	24,537	24,094	22,648	21,933	21,705	21,550	21,248	21,218	20,362	20,818	20,981	21,150	21,628
Lincoln	16,886	16,553	15,804	14,242	13,687	13,322	13,276	13,622	14,228	14,422	14,449	14,556	14,840
Little River	11,618	11,029	10,101	9,727	9,893	9,406	9,125	9,268	9,087	9,076	9,180	9,178	9,334
Logan	19,505	18,827	16,894	16,018	15,576	15,478	15,030	15,201	15,188	15,669	15,911	15,887	16,134
Lonoke	27,025	26,387	24,828	23,413	22,804	22,789	22,790	23,462	23,657	24,415	24,446	24,690	25,264
Madison	11,864	11,602	10,616	10,068	9,519	9,192	8,360	8,658	8,612	8,690	9,048	9,033	9,151
Marion	8,554	8,401	7,852	6,956	5,861	5,338	5,253	5,515	5,648	5,834	6,142	6,085	6,123
Miller	32,604	32,572	31,462	31,818	31,287	31,255	30,822	31,295	31,124	31,522	31,760	32,314	33,430
Mississippi	83,164	82,779	76,356	71,475	68,251	67,775	67,328	66,127	66,449	68,300	68,149	68,698	70,261
Monroe	19,749	19,624	19,471	18,704	18,178	17,651	16,967	17,204	16,692	17,054	17,333	17,484	17,890
Montgomery	6,519	6,460	5,586	5,029	4,765	4,759	4,424	4,596	4,598	5,157	5,351	5,351	5,417
Nevada	14,549	14,343	12,808	12,492	12,489	12,346	11,838	12,033	11,286	11,055	10,658	10,579	10,667
Newton	8,473	8,084	7,260	7,251	6,645	6,390	6,133	6,348	5,878	6,004	5,932	5,857	5,868
Ouachita	33,418	35,237	36,809	36,084	35,518	35,521	33,858	34,069	31,774	32,021	31,634	31,933	32,728
Perry	5,862	5,493	4,910	4,855	4,669	4,384	4,264	4,419	4,404	4,534	4,917	4,926	5,023
Phillips	46,144	46,545	46,408	44,564	43,703	43,018	42,759	42,856	43,290	43,789	44,063	44,734	46,108
Pike	9,933	9,269	7,995	7,570	7,381	7,403	6,819	6,891	6,862	7,396	7,850	7,838	7,922
Poinsett	38,993	37,951	35,489	33,840	32,927	32,701	31,613	31,449	30,742	30,736	30,765	30,803	31,266
Polk	14,083	13,535	12,654	12,691	12,057	11,577	11,166	11,400	11,216	11,483	11,972	11,985	12,158
Pope	23,137	23,205	20,665	19,264	18,700	18,332	18,306	18,777	19,131	20,227	21,168	21,440	22,029
Prairie	13,558	13,255	12,360	11,601	10,841	10,680	9,938	9,992	9,903	10,243	16,001	16,341	16,522
Pulaski	201,465	203,197	206,676	210,460	208,847	210,353	219,676	232,716	233,945	237,268	243,347	249,252	262,833
Randolph	15,089	14,123	12,599	12,435	12,419	12,181	11,874	12,288	12,217	12,369	12,478	12,452	12,622
St. Francis	36,570	36,256	35,337	35,787	35,639	35,381	34,523	34,522	34,492	33,635	33,353	33,821	34,774
Saline	23,666	23,807	22,867	20,965	20,757	20,877	21,726	23,911	25,524	26,940	29,146	30,208	31,812
Scott	9,796	9,646	8,969	8,842	7,990	7,807	7,460	7,604	7,335	7,200	7,264	7,204	7,277
Searcy	10,448	10,561	10,502	9,966	9,425	9,612	9,518	9,539	9,527	9,404	8,233	10,682	13,450
Sebastion	64,165	77,537	75,348	76,664	76,455	77,162	77,762	78,071	75,274	70,154	66,724	67,920	70,430
Sevier	12,088	11,810	11,051	10,365	10,010	9,910	9,370	9,746	9,670	9,921	10,144	10,177	10,369
Sharp	9,025	8,675	8,045	8,084	7,524	7,104	6,390	6,142	5,894	6,014	6,289	6,230	6,275
Stone	7,582	7,327	6,896	6,481	6,855	6,406	6,266	6,325	6,115	5,967	6,282	6,285	6,388
Union	49,886	50,565	50,746	49,232	47,832	47,907	47,402	49,019	48,914	49,667	49,634	50,497	52,118
Van Buren	9,345	9,021	8,396	7,631	7,201	6,609	6,419	6,754	6,680	7,158	7,235	7,207	7,265
Washington	49,887	51,028	52,511	50,740	50,254	49,924	49,548	50,628	51,321	53,642	56,076	57,819	60,468
White	37,916	37,693	36,228	34,674	32,376	31,667	30,937	31,195	31,295	31,970	32,738	32,961	33,689
Woodruff	18,835	18,276	17,091	15,881	15,236	14,885	14,081	14,304	13,601	13,726	13,908	13,860	14,031
Yell	13,828	13,722	11,937	11,645	10,813	10,913	10,616	11,020	11,112	11,408	11,931	11,992	12,265

TABLE III

PER CAPITA PERSONAL INCOME IN ARKANSAS BY COUNTY: 1950-1962

(Dollars)

County	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Arkansas	1,044	1,167	1,250	1,323	1,411	1,622	1,543	1,486	1,442	1,769	1,759	2,025	1,953
Ashley	879	909	970	1,037	1,096	1,282	1,286	1,318	1,309	1,399	1,403	1,504	1,535
Baxter	1,055	1,076	852	730	787	814	866	880	952	995	968	1,133	1,241
Benton	908	1,049	1,009	1,020	1,015	1,105	1,167	1,206	1,357	1,409	1,436	1,548	1,611
Boone	732	848	935	965	983	1,045	1,101	1,152	1,245	1,384	1,303	1,344	1,389
Bradley	845	903	970	983	1,040	1,114	1,153	1,105	1,097	1,178	1,180	1,202	1,257
Calhoun	445	481	442	416	435	481	517	518	607	663	634	671	682
Carroll	662	805	931	948	974	1,027	1,077	1,131	1,260	1,250	1,299	1,572	1,733
Chicot	548	631	685	731	759	835	842	815	891	1,009	951	1,038	1,055
Clark	623	719	778	1,026	975	904	1,033	1,075	1,114	1,241	1,166	1,139	1,176
Clay	664	717	775	788	769	856	847	836	878	1,048	1,023	1,156	1,189
Cleburne	471	523	618	624	596	669	725	740	836	1,014	1,175	1,437	1,488
Cleveland	488	503	539	549	509	518	568	613	669	757	740	775	721
Columbia	772	794	832	907	937	982	1,042	1,118	1,184	1,254	1,253	1,241	1,244
Conway	563	630	676	755	769	883	942	947	946	1,023	1,058	1,194	1,161
Craighead	801	869	881	897	909	1,055	1,129	1,157	1,231	1,403	1,409	1,578	1,578
Crawford	538	601	625	661	616	658	704	723	755	843	841	853	936
Crittenden	689	792	844	842	882	1,041	976	900	880	1,017	978	1,058	1,076
Cross	717	820	810	841	868	1,060	1,058	965	1,069	1,279	1,188	1,387	1,407
Dallas	665	716	742	765	770	811	901	872	957	1,016	1,037	1,143	1,175
Desha	627	687	707	770	792	924	949	900	954	1,099	1,090	1,247	1,181
Drew	608	637	658	668	670	751	819	803	854	930	904	968	968
Faulkner	567	643	677	720	733	817	872	927	929	1,028	1,065	1,453	1,406
Franklin	525	589	634	710	708	707	749	741	802	817	905	994	1,039
Fulton	536	608	601	574	583	640	678	726	754	821	892	960	964
Garland	1,026	1,078	1,021	1,065	1,066	1,098	1,180	1,202	1,302	1,378	1,385	1,479	1,553
Grant	507	552	572	601	624	705	813	789	865	955	946	974	925
Greene	696	773	785	852	836	925	990	982	1,079	1,223	1,166	1,246	1,252
Hempstead	620	701	780	762	749	849	928	915	996	1,045	1,062	1,085	1,087
Hot Springs	749	882	1,084	1,155	1,195	1,337	1,402	1,425	1,441	1,430	1,383	1,340	1,341
Howard	671	813	881	860	873	1,067	1,196	1,187	1,292	1,479	1,518	1,521	1,583
Independence	648	747	799	810	813	896	959	993	1,046	1,149	1,144	1,258	1,354
Izard	511	555	652	626	652	684	743	735	747	840	814	848	862
Jackson	750	848	839	907	967	1,108	1,116	1,082	1,143	1,307	1,207	1,406	1,378
Jefferson	877	1,068	1,416	1,174	1,057	1,163	1,239	1,343	1,360	1,441	1,466	1,517	1,509
Johnson	640	728	768	830	818	900	935	909	935	947	966	1,019	977
Lafayette	718	802	795	755	738	805	880	856	934	1,007	981	1,053	1,028
Lawrence	575	634	689	823	813	912	1,002	1,020	1,151	1,180	1,006	1,150	1,114

TABLE III (Concluded)

County	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Lee	612	680	707	733	707	845	803	733	809	938	835	1,022	996
Lincoln	526	614	641	697	697	861	849	800	812	995	936	1,044	982
Little River	467	507	531	537	567	633	677	667	1,028	921	958	1,025	1,033
Logan	492	552	614	641	657	722	766	797	882	960	961	1,059	1,041
Lonoke	725	814	864	929	939	1,087	1,019	930	954	1,091	1,070	1,237	1,185
Madison	468	531	541	524	521	608	648	670	788	886	911	1,015	1,132
Marion	396	443	458	482	539	641	648	688	785	841	826	893	956
Miller	804	846	894	896	894	923	967	984	1,037	1,097	1,102	1,109	1,135
Mississippi	828	886	939	971	996	1,174	1,261	1,256	1,184	1,368	1,465	1,662	1,649
Monroe	633	684	684	713	721	852	870	808	867	993	959	1,135	1,140
Montgomery	378	406	450	478	492	575	687	750	930	979	960	1,049	1,126
Nevada	611	647	710	698	670	701	737	740	754	847	902	965	977
Newton	340	364	376	342	375	399	423	411	510	506	521	576	577
Ouachita	857	1,406	1,301	1,371	1,281	1,324	1,396	1,483	1,393	1,342	1,395	1,413	1,466
Perry	380	451	498	502	513	616	660	637	710	747	689	745	761
Phillips	720	785	816	880	883	972	939	913	966	1,129	1,179	1,244	1,199
Pike	568	516	591	619	628	681	816	869	933	980	985	1,052	1,119
Poinsett	780	871	936	987	1,013	1,207	1,194	1,096	1,122	1,386	1,362	1,524	1,519
Polk	569	623	663	643	659	742	830	853	900	1,002	958	1,058	1,152
Pope	584	619	740	796	808	905	1,002	1,060	1,143	1,241	1,301	1,373	1,453
Prairie	658	763	848	944	1,038	1,232	1,241	1,105	1,111	1,288	823	946	933
Pulaski	1,275	1,396	1,450	1,503	1,513	1,597	1,748	1,750	1,869	2,008	2,033	2,106	2,105
Randolph	743	830	901	872	787	849	865	797	843	964	944	1,066	1,124
St. Francis	704	799	820	885	823	879	861	806	868	1,114	1,005	1,150	1,166
Saline	857	924	1,222	1,410	1,483	1,528	1,606	1,630	1,455	1,455	1,346	1,374	1,360
Scott	487	523	541	485	502	576	658	671	744	904	917	1,042	1,167
Searcy	442	464	455	456	449	491	519	524	580	667	796	642	528
Sebastion	1,531	1,804	2,010	2,050	2,100	2,121	1,980	2,068	2,043	1,985	1,853	1,978	2,785
Sevier	610	670	734	753	721	798	943	985	1,064	1,100	1,100	1,161	1,209
Sharp	433	468	476	435	427	471	518	572	675	745	777	889	973
Stone	372	417	431	441	401	474	493	524	614	713	695	731	763
Union	1,179	1,235	1,292	1,404	1,466	1,496	1,597	1,598	1,610	1,656	1,684	1,736	1,711
Van Buren	434	486	512	524	526	613	613	622	681	702	755	870	875
Washington	920	1,041	1,010	1,022	1,020	1,112	1,194	1,283	1,399	1,525	1,536	1,650	1,669
White	558	595	653	685	731	800	863	889	958	1,049	1,076	1,302	1,189
Woodruff	615	692	745	808	828	987	973	862	939	1,137	1,008	1,205	1,177
Yell	542	635	734	750	851	878	907	924	1,057	1,128	1,104	1,384	1,495

TABLE IV

MAJOR COMPONENTS OF PERSONAL INCOME IN ARKANSAS BY COUNTY: 1950-1962

(Thousands of Dollars)

County	Total Personal Income		Wages, Salaries Other Labor Income		Proprietor Income		Property Income		Transfer Payments		Less Personal Contributions for Social Insurance	
	1950	1962	1950	1962	1950	1962	1950	1962	1950	1962	1950	1962
Arkansas	24,932	47,831	9,706	21,904	11,142	18,166	2,406	5,027	1,965	3,829	287	1,095
Ashley	22,399	38,771	13,392	25,686	5,556	6,925	1,578	3,623	2,126	3,404	253	867
Baxter	12,263	12,525	8,299	6,022	2,304	2,517	889	1,279	911	2,939	140	232
Benton	34,677	61,302	10,396	30,316	18,439	18,192	2,761	5,900	3,482	8,209	401	1,315
Boone	11,877	24,389	4,870	14,028	4,271	4,508	1,132	2,830	1,729	3,525	125	502
Bradley	13,351	18,059	7,601	11,680	3,299	2,274	978	1,924	1,619	2,552	146	371
Calhoun	3,136	4,153	1,063	1,814	1,271	1,035	233	437	601	945	32	78
Carroll	8,707	20,066	2,133	10,048	4,707	5,820	946	2,017	1,016	2,609	95	428
Chicot	12,104	20,611	4,595	9,198	4,773	7,041	911	1,989	1,954	2,829	129	446
Clark	14,157	25,431	6,994	15,799	3,948	3,545	1,482	3,145	1,880	3,460	147	518
Clay	17,493	25,497	5,147	9,632	8,863	10,366	1,449	2,283	2,229	3,765	195	549
Cleburne	5,225	13,773	1,122	7,204	2,655	3,483	412	1,451	1,089	1,923	53	288
Cleveland	4,291	5,024	1,212	2,193	2,027	1,279	256	449	841	1,198	45	95
Columbia	22,145	33,993	12,245	20,595	5,594	5,455	2,272	4,478	2,273	4,164	239	699
Conway	10,117	18,447	3,929	10,506	3,733	3,277	932	2,106	1,628	2,929	105	371
Craighead	40,695	78,013	16,867	45,595	16,339	19,015	3,923	7,913	4,023	7,249	457	1,759
Crawford	12,278	20,834	4,175	10,079	4,934	4,645	1,185	2,396	2,109	4,113	125	399
Crittenden	33,554	53,968	13,639	28,366	15,377	17,002	2,226	4,977	2,715	4,869	403	1,246
Cross	17,780	27,966	5,238	11,882	9,610	11,826	1,416	2,530	1,723	2,380	207	652
Dallas	8,070	12,540	4,453	7,923	1,973	1,515	784	1,415	946	1,939	86	252
Desha	15,816	25,205	5,763	12,177	6,913	8,573	1,295	2,530	2,019	2,492	174	567
Drew	10,873	15,102	4,885	7,769	3,419	3,543	927	1,603	1,755	2,494	113	307
Faulkner	14,280	36,019	5,742	22,103	5,116	6,261	1,348	3,918	2,237	4,500	163	763
Franklin	6,387	10,737	1,908	4,684	2,662	2,893	543	1,046	1,337	2,320	63	206
Fulton	4,883	6,364	1,335	2,328	2,408	1,885	335	692	857	1,575	52	116
Garland	48,471	76,262	30,601	48,543	8,001	8,906	4,924	8,753	5,462	11,624	517	1,564
Grant	4,536	7,946	2,075	4,391	1,340	1,273	325	772	842	1,662	46	152
Greene	20,124	32,581	7,260	15,586	8,561	10,260	2,053	3,405	2,468	4,034	218	704
Hempstead	15,323	21,561	7,586	10,838	4,635	5,249	1,485	2,561	1,783	3,351	166	438
Hot Springs	16,825	30,759	9,447	20,038	4,307	4,639	1,516	2,817	1,738	3,921	183	656
Howard	8,908	17,539	4,241	9,817	2,857	4,418	665	1,469	1,241	2,215	96	383
Independence	15,146	27,666	5,962	13,905	5,822	7,364	1,305	2,812	2,218	4,164	161	579
Izard	5,014	5,741	1,175	2,254	2,557	1,654	372	578	962	1,361	52	106
Jackson	19,585	32,820	8,277	15,779	7,781	11,227	1,662	3,209	2,086	3,341	221	736
Jefferson	66,549	131,202	39,223	87,608	15,237	21,696	6,707	13,801	6,114	11,032	732	2,935
Johnsen	9,818	12,166	3,973	5,223	3,509	2,823	828	1,330	1,610	3,009	102	219
Lafayette	9,356	11,785	4,325	6,064	3,361	2,874	739	1,391	1,035	1,698	104	242
Lawrence	12,174	19,380	3,766	7,807	5,749	6,892	1,013	1,969	1,778	3,117	132	405

TABLE IV (Concluded)

County	Total Personal Income 1950	Total Personal Income 1962	Wages, Salaries Other Labor Income 1950	Wages, Salaries Other Labor Income 1962	Proprietor Income 1950	Proprietor Income 1962	Property Income 1950	Property Income 1962	Transfer Payments 1950	Transfer Payments 1962	Less Personal Contributions for Social Insurance 1950	Less Personal Contributions for Social Insurance 1962
Lee	15,012	21,533	4,020	8,528	8,789	9,561	992	1,660	1,391	2,285	180	501
Lincoln	8,878	14,572	2,341	5,888	5,176	6,066	439	1,028	1,027	1,917	105	327
Little River	5,422	9,644	1,679	4,736	1,859	2,694	389	868	1,544	1,548	49	202
Logan	9,603	16,797	3,697	6,956	3,172	4,928	871	1,677	1,957	3,562	94	326
Lonoke	19,600	29,928	5,839	10,077	9,995	13,815	1,546	3,168	2,441	3,529	221	661
Madison	5,554	10,361	744	2,307	3,336	5,531	370	947	1,162	1,793	58	217
Marion	3,388	5,853	710	1,600	1,682	2,414	342	524	688	1,426	34	111
Miller	26,198	37,951	14,918	23,365	5,853	5,229	2,933	5,009	2,774	5,127	280	779
Mississippi	68,898	115,870	29,189	70,147	29,076	29,886	5,203	10,391	6,236	8,188	806	2,742
Monroe	12,496	20,397	4,356	8,580	5,680	8,031	1,089	1,973	1,510	2,268	139	455
Montgomery	2,463	6,102	598	2,707	1,052	1,884	185	527	651	1,110	23	126
Nevada	8,883	10,420	4,132	5,184	2,958	2,446	640	1,059	1,249	1,937	96	206
Newton	2,879	3,383	558	949	1,542	1,100	147	293	661	1,098	29	57
Ouachita	28,626	47,977	18,387	34,030	5,262	5,250	2,507	4,295	2,784	5,448	314	1,046
Perry	2,227	3,821	680	1,347	819	1,082	148	347	601	1,112	21	67
Phillips	33,234	55,297	16,344	27,401	10,961	15,953	2,731	5,067	3,570	5,866	372	1,241
Pike	5,641	8,866	2,622	3,756	1,561	2,617	476	1,047	1,038	1,620	56	174
Poinsett	30,427	47,496	10,945	21,499	14,914	18,863	2,218	4,165	2,709	4,076	359	1,107
Polk	8,013	14,006	2,953	6,616	2,552	3,292	806	1,544	1,777	2,822	75	268
Pope	13,509	32,016	5,981	18,307	3,943	6,800	1,427	3,583	2,292	4,005	134	679
Prairie	8,921	15,418	2,087	4,343	5,218	8,519	661	1,250	1,057	1,661	102	355
Pulaski	256,781	553,255	184,292	428,534	30,382	42,538	25,325	56,877	19,638	38,022	2,856	12,716
Randolph	11,205	14,191	4,542	6,648	4,400	4,316	858	1,304	1,527	2,221	122	298
St. Francis	25,754	40,552	8,818	19,933	12,734	13,756	2,204	4,057	2,297	3,727	299	921
Saline	20,278	43,253	12,981	31,281	4,300	4,644	1,345	4,069	1,877	4,213	225	954
Scott	4,770	8,495	1,771	3,970	1,730	2,392	372	790	945	1,515	48	172
Searcy	4,614	7,108	1,093	2,162	2,057	1,984	297	536	1,211	2,540	44	114
Sebastian	98,209	196,160	71,353	156,951	12,996	14,128	8,629	18,012	6,356	11,684	1,125	4,615
Sevier	7,368	12,537	3,092	6,933	2,639	2,580	637	1,241	1,078	2,040	78	257
Sharp	3,908	6,107	609	1,738	2,070	2,280	284	593	983	1,607	38	111
Stone	2,817	4,877	629	1,464	1,287	1,949	177	406	751	1,152	27	94
Union	58,807	89,166	39,187	62,350	9,552	10,547	5,229	9,774	4,860	8,433	651	1,938
Van Buren	4,059	6,354	870	2,346	1,995	2,034	275	592	959	1,502	40	120
Washington	45,912	100,941	18,879	58,953	18,107	22,610	4,579	11,182	4,855	10,405	508	2,209
White	21,150	40,052	8,096	21,134	8,034	9,185	1,925	4,097	3,316	6,458	221	822
Woodruff	11,592	16,513	3,264	5,168	6,191	8,186	935	1,541	1,334	1,988	132	370
Yell	7,496	18,341	2,449	8,435	3,065	6,288	587	1,682	1,471	2,336	76	400

TABLE Va

WAGE AND SALARY BY SECTOR IN ARKANSAS BY COUNTY: 1950

(Thousands of Dollars)

County	Total Personal Income	Total Wages & Salaries	Farm	Mining	Contract Construction	Manufacturing	Wholesale & Retail Trade	Finan. Ins. & Real Estate	Transportation	Comm. and Public Utilities	Services	Government	Other
Arkansas	24,932	9,490	1,379	-	678	2,296	2,280	167	427	370	940	910	43
Ashley	22,399	12,846	488	-	1,025	7,732	927	99	658	429	414	1,028	46
Baxter	12,263	7,947	29	-	5,708	126	462	38	506	39	271	756	12
Benton	34,677	10,192	842	14	120	2,639	3,314	328	267	344	887	1,354	83
Boone	11,877	4,794	137	4	216	403	1,839	122	373	264	620	787	29
Bradley	13,351	7,323	153	-	194	4,509	1,120	78	145	141	395	569	19
Calhoun	3,136	1,040	126	4	4	289	104	17	99	5	34	346	12
Carroll	8,707	2,095	149	-	142	118	426	78	47	302	330	469	34
Chicot	12,104	4,523	1,026	15	234	487	1,119	95	344	136	352	666	49
Clark	14,157	6,797	225	-	51	1,987	1,100	147	1,081	320	533	1,331	22
Clay	17,493	5,073	1,580	4	112	703	990	86	249	185	316	786	62
Cleburne	5,225	1,104	95	-	-	167	239	46	85	40	117	286	29
Cleveland	4,291	1,184	111	-	9	365	181	21	105	5	26	344	17
Columbia	22,145	11,839	209	2,450	1,285	2,308	1,500	204	760	386	1,535	1,165	37
Conway	10,117	3,828	361	-	94	1,269	688	81	219	171	222	688	35
Craighead	40,695	16,575	3,336	1	564	2,402	3,989	433	1,452	467	1,716	2,127	88
Crawford	12,278	4,054	317	-	205	555	652	85	1,303	64	218	622	33
Crittenden	33,554	13,498	5,834	-	247	828	2,898	258	904	333	796	1,273	127
Cross	17,780	5,166	1,843	2	82	112	978	108	838	161	307	674	61
Dallas	8,070	4,292	52	-	16	2,452	621	81	240	139	151	529	11
Desha	15,816	5,616	895	-	105	452	1,019	93	1,743	280	399	570	60
Drew	10,873	4,749	286	1	72	1,988	852	63	170	192	328	767	30
Faulkner	14,280	5,621	331	-	169	1,438	1,186	146	290	167	556	1,295	43
Franklin	6,387	1,869	200	88	12	161	310	47	168	237	100	522	24
Fulton	4,883	1,297	41	-	4	318	161	35	64	262	17	371	24
Garland	48,471	29,985	95	40	2,972	5,440	5,898	610	693	1,466	8,339	4,417	15
Grant	4,536	2,004	45	-	8	1,100	144	11	137	38	51	458	12
Greene	20,124	7,115	1,229	7	147	1,214	1,644	142	1,026	113	652	881	60
Hempstead	15,323	7,400	429	-	198	2,162	1,463	121	629	269	889	1,200	40
Hot Spring	16,825	9,105	88	1,758	168	3,484	1,155	97	356	356	442	1,184	17
Howard	8,908	4,114	445	-	22	1,915	616	48	202	129	107	607	23
Independence	15,146	5,830	377	424	138	1,146	1,448	93	330	272	674	892	36
Izard	5,014	1,145	56	274	11	96	52	20	151	3	32	426	24
Jackson	19,585	8,111	1,860	32	402	1,405	1,608	137	571	476	757	811	52
Jefferson	66,549	38,149	2,617	228	2,162	6,364	6,007	1,075	6,923	2,805	3,166	6,717	85

TABLE Va (Concluded)

County	Total Personal Income	Total Wages & Salaries	Farm	Mining	Contract Construction	Manufacturing	Wholesale & Retail Trade	Finan. Ins. & Real Estate	Transportation	Comm. and Public Utilities	Services	Government	Other
Johnson	9,818	3,870	301	871	82	670	512	29	165	57	395	763	25
Lafayette	9,356	5,025	401	350	483	1,146	396	54	353	154	316	511	22
Lawrence	12,174	3,700	715	27	125	465	725	59	351	166	280	744	43
Lee	15,012	3,985	1,736	-	149	70	727	109	213	96	269	537	79
Lincoln	8,878	2,305	779	-	46	154	233	10	147	298	83	510	45
Little River	5,422	1,650	312	1	-	177	323	15	307	36	94	366	19
Logan	9,603	3,616	209	869	12	268	567	50	224	58	245	1,082	32
Lonoke	19,600	5,781	2,348	-	63	354	1,185	94	253	301	313	802	68
Madison	5,554	738	92	-	1	45	148	31	20	4	30	329	38
Marion	3,388	696	31	-	3	67	104	10	112	62	11	280	16
Miller	26,198	14,626	634	197	1,256	1,221	4,244	468	1,777	391	1,770	2,638	30
Mississippi	68,898	28,793	11,438	27	1,079	3,448	5,466	648	1,052	955	2,394	2,108	178
Monroe	12,496	4,278	1,158	-	47	482	771	86	683	135	373	504	43
Montgomery	2,463	584	42	53	3	172	52	15	16	-	15	204	12
Nevada	8,883	4,008	180	76	40	1,648	536	81	242	178	224	781	22
Newton	2,879	550	47	4	-	127	4	8	3	-	4	327	26
Ouachita	28,626	17,768	135	380	502	8,950	2,729	184	875	379	1,420	2,197	17
Perry	2,227	665	104	-	3	148	32	7	112	4	6	239	10
Phillips	33,234	15,941	3,094	66	402	5,147	2,991	323	1,011	392	1,092	1,334	89
Pike	5,641	2,525	68	36	1,106	441	199	36	86	66	68	407	12
Poinsett	30,427	10,763	3,800	9	118	2,455	2,109	153	446	138	542	899	94
Polk	8,013	2,894	41	2	24	739	864	69	168	76	350	540	21
Pope	13,509	5,843	192	131	94	1,655	1,246	115	223	286	731	1,140	30
Pulaski	256,781	179,754	1,145	2,639	16,379	27,413	46,217	10,397	18,514	7,288	22,333	27,380	49
Prairie	8,921	2,066	835	-	139	77	305	34	106	21	115	404	30
Randolph	11,205	4,418	576	-	621	1,273	737	83	63	212	284	538	31
St. Francis	25,754	8,698	2,663	144	304	922	1,696	216	338	262	904	1,157	92
Saline	20,278	12,513	127	1,612	687	5,396	991	76	603	152	642	2,213	14
Scott	4,770	1,713	42	-	-	895	233	47	86	30	60	304	16
Searcy	4,614	1,077	120	-	1	191	189	24	53	16	60	395	28
Sebastian	98,209	69,750	257	2,120	2,395	17,030	12,964	1,550	4,103	1,835	6,134	21,348	23
Sevier	7,368	3,004	130	4	50	866	559	50	470	169	241	447	18
Sharp	3,908	603	106	-	2	8	44	27	58	9	17	308	24
Stone	2,817	623	47	-	-	63	92	6	4	38	11	346	16
Union	58,807	38,306	198	5,898	1,537	15,331	4,379	657	2,950	1,149	3,650	2,534	23
Van Buren	4,059	856	32	-	22	141	197	20	19	54	11	331	29
Washington	45,912	18,514	594	-	1,193	2,332	4,605	591	1,256	1,275	1,768	4,818	82
White	21,150	7,909	625	-	261	1,679	1,792	182	692	596	813	1,189	80
Woodruff	11,592	3,215	1,084	-	16	474	523	45	146	210	104	571	42
Yell	7,496	2,395	285	140	174	419	316	32	138	85	136	642	28

TABLE Vb

WAGE AND SALARY BY SECTOR IN ARKANSAS BY COUNTY: 1962

(Thousands of Dollars)

County	Total Personal Income	Total Wages & Salaries	Farm	Mining	Contract Construction	Manufacturing	Wholesale & Retail Trade	Finan- Ins. & Real Estate	Transportation	Comm. and Public Utilities	Services	Government	Other
Arkansas	47,831	21,062	2,314	2	1,795	5,890	4,579	486	901	727	1,561	2,598	209
Ashley	38,771	24,145	937	-	1,262	14,609	2,181	272	1,178	613	739	2,275	79
Baxter	12,525	5,792	98	-	399	1,639	911	129	280	227	857	1,217	35
Benton	61,302	28,926	983	206	938	12,867	5,512	712	748	702	2,497	3,564	197
Boone	24,389	13,484	102	46	444	3,950	3,388	445	678	771	1,410	2,201	49
Bradley	18,059	11,013	58	46	1,248	5,746	1,460	159	400	161	482	1,226	27
Calhoun	4,153	1,767	46	28	9	349	217	35	113	17	65	882	6
Carroll	20,066	9,503	217	-	3,510	2,112	937	176	86	460	715	1,201	89
Chicot	20,611	8,955	1,549	25	1,407	661	2,167	260	267	209	790	1,488	132
Clark	25,431	15,021	397	34	658	6,058	1,711	300	1,359	640	719	3,105	40
Clay	25,497	9,322	1,058	15	484	2,125	1,868	231	312	444	603	2,002	180
Cleburne	13,773	6,839	177	10	3,386	497	633	147	167	40	314	1,438	30
Cleveland	5,024	2,141	471	3	29	409	244	36	96	30	91	718	14
Columbia	33,993	19,601	303	3,476	593	5,846	2,499	458	493	702	1,855	3,339	37
Conway	18,447	10,021	632	104	1,500	3,218	1,457	262	333	230	563	1,671	51
Craighead	78,013	44,014	6,681	2	2,360	11,431	8,475	1,472	1,828	1,302	3,965	6,196	302
Crawford	20,834	9,643	466	40	1,115	2,118	1,781	204	1,463	130	528	1,759	39
Crittenden	53,968	27,642	5,667	-	2,222	2,894	5,836	928	1,782	602	2,742	4,671	298
Cross	27,966	11,531	2,991	5	848	1,436	1,803	256	1,285	256	387	2,064	200
Dallas	12,540	7,528	220	-	332	3,762	945	136	221	145	450	1,311	6
Desha	25,205	11,750	2,203	-	946	1,120	2,274	205	1,969	732	697	1,442	162
Drew	15,102	7,468	370	5	140	2,750	987	136	254	221	364	2,182	59
Faulkner	36,019	21,075	137	13	4,481	5,832	2,995	527	824	290	1,112	4,785	79
Franklin	10,737	4,484	72	91	529	887	740	143	255	423	300	991	53
Fulton	6,364	2,257	43	-	40	220	400	88	133	342	97	847	47
Garland	76,262	47,120	43	141	3,206	8,012	10,477	1,469	1,111	2,620	15,972	4,039	30
Grant	7,946	4,156	26	1	13	2,158	290	41	437	82	93	1,015	-
Greene	32,581	14,958	557	64	963	4,984	3,290	283	776	242	982	2,636	181
Hempstead	21,561	10,442	159	-	291	3,164	2,169	229	571	357	1,077	2,318	107
Hot Spring	30,759	18,864	59	1,742	589	9,625	1,951	292	605	804	717	2,462	18
Howard	17,536	9,304	632	13	119	4,902	1,023	172	561	208	409	1,235	30
Independence	27,666	13,394	864	58	538	3,906	2,930	396	673	378	1,444	2,111	96
Izard	5,741	2,162	81	383	-	425	265	42	205	17	99	610	35
Jackson	32,820	15,135	1,378	-	867	4,419	2,993	502	865	846	1,462	1,613	190
Jefferson	131,202	83,454	1,838	298	6,678	23,684	11,475	2,638	9,655	5,379	5,885	15,720	204

TABLE Vb (Concluded)

County	Total Personal Income	Total Wages & Salaries	Farm	Mining	Contract Construction	Manufacturing	Wholesale & Retail Trade	Finan- Ins. & Real Estate	Transportation	Comm. and Public Utilities	Services	Government	Other
Johnson	12,166	5,029	303	324	166	1,373	773	132	206	63	417	1,226	46
Lafayette	11,785	5,796	597	808	260	1,203	664	132	348	370	296	1,082	36
Lawrence	19,380	7,605	818	120	188	1,154	1,422	138	386	367	713	2,180	119
Lee	21,533	8,376	3,022	-	88	1,149	1,552	196	246	96	320	1,479	228
Lincoln	14,572	5,661	1,399	-	523	1,523	524	26	110	459	140	861	96
Little River	9,644	4,558	304	57	74	1,267	479	48	559	73	144	1,517	36
Logan	16,797	6,747	300	348	126	1,433	1,148	129	250	151	502	2,315	45
Lonoke	29,928	9,866	1,665	69	324	551	1,938	312	818	383	520	3,081	205
Madison	10,361	2,253	225	25	168	285	352	68	44	36	154	785	111
Marion	5,853	1,569	38	24	24	85	161	48	60	116	174	796	43
Miller	37,951	22,683	216	350	1,861	1,270	6,596	811	2,760	890	2,689	5,200	40
Mississippi	115,870	68,375	15,070	18	3,992	11,358	8,767	1,790	1,716	1,747	3,627	19,835	455
Monroe	20,397	8,260	1,127	-	106	2,453	1,490	231	614	322	680	1,114	123
Montgomery	6,102	2,613	48	85	38	886	182	35	52	-	324	940	23
Nevada	10,420	4,950	120	31	123	1,585	584	142	482	361	340	1,148	34
Newton	3,383	935	39	-	-	126	16	34	-	-	24	674	22
Ouachita	47,977	32,232	89	433	1,352	17,581	3,463	467	498	594	1,865	5,878	12
Perry	3,821	1,314	7	-	5	113	114	29	218	20	101	689	18
Phillips	55,297	28,500	3,864	45	801	9,457	5,571	821	1,309	973	1,673	3,688	298
Pike	8,866	3,612	332	-	66	1,356	413	100	54	104	113	1,056	18
Poinsett	47,496	20,802	5,996	21	665	6,006	3,637	420	523	477	628	2,160	269
Polk	14,006	6,303	40	-	128	3,092	904	157	101	168	530	1,160	23
Pope	32,016	17,529	354	236	1,538	5,381	2,718	416	600	888	1,679	3,656	63
Pulaski	553,255	413,080	1,104	2,313	32,214	67,160	80,981	29,458	33,794	14,879	54,485	94,580	112
Prairie	15,418	4,217	529	-	307	537	906	90	438	97	196	1,004	113
Randolph	14,191	6,370	340	-	65	1,946	1,114	278	96	856	294	1,308	73
St. Francis	40,552	19,245	3,734	281	940	4,527	3,108	576	489	1,199	1,332	2,812	247
Saline	43,253	29,530	28	3,372	888	14,937	2,590	252	710	216	873	5,662	2
Scott	8,495	3,782	89	39	18	1,855	537	65	159	54	71	869	26
Searcy	7,108	2,118	487	-	3	408	279	60	4	32	107	662	76
Sebastian	196,160	151,247	173	1,070	9,012	43,314	23,697	3,540	5,833	3,603	11,549	49,436	20
Sevier	12,537	6,632	59	12	99	2,395	993	149	604	245	638	1,412	26
Sharp	6,107	1,684	108	-	61	37	279	461	40	31	32	600	35
Stone	4,877	1,440	77	7	10	146	174	18	42	54	46	828	38
Union	89,166	58,887	100	5,479	3,452	22,121	8,215	1,504	5,349	2,393	4,536	5,720	18
Van Buren	6,354	2,256	74	-	408	399	369	49	38	159	67	664	29
Washington	100,941	56,553	661	18	4,000	15,139	11,416	1,749	4,901	2,125	5,529	10,820	195
White	40,052	20,274	716	179	1,628	5,092	4,092	536	1,073	1,502	2,216	3,121	119
Woodruff	16,513	5,055	1,451	8	63	572	889	161	172	337	198	1,062	142
Yell	18,341	8,057	469	372	274	3,021	1,025	102	417	207	132	1,984	54