

BULLETIN

of the

OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE

A MEMORANDUM ON RESEARCH IN INCOME AND LEVELS OF LIVING IN THE SOUTH

By

WILLIAM H. SEWELL

Professor of Sociology and Rural Life

Publications of the
SOCIAL SCIENCE RESEARCH COUNCIL

of the Oklahoma A. and M. College

No. 3

November, 1940

Number 16

Published by the Oklahoma Agricultural and Mechanical College in eighteen issues annually. Semi-monthly in January, March, May, July, September, November and monthly during the other six months. Entered as second-class matter March 9, 1903, at the Post Office at Stillwater, Oklahoma, under the Act of Congress of July 16, 1894. Acceptance for mailing at special rate of postage, provided for in section 1130, Act of October 3, 1917, authorized June 20, 1938.

**A MEMORANDUM ON RESEARCH
IN INCOME AND LEVELS OF LIVING
IN THE SOUTH**

By

WILLIAM H. SEWELL

Professor of Sociology and Rural Life

Revision of a memorandum prepared for consideration at the
Sixth Annual Southern Social Science Research
Conference, Chattanooga, Tenn.,
March 7-9, 1940.)

Publications of the
SOCIAL SCIENCE RESEARCH COUNCIL
of the Oklahoma A. and M. College
No. 3

CONTENTS

Introduction	5
Definition of Terms	6
Income	6
Level of Living	7
Studies of Income in Relation to Levels of Living	8
Types of Information Available from Studies of Income and Levels of Living in the South	10
Studies of Income	10
Studies of Consumption	12
Studies of Housing and Home Conveniences	13
Other Indicators of Levels of Living	14
Needed Research on Income and Levels of Living in the South	14
The Need for Standardization in Terminology and Methods	14
The Need for Information on Income and Consumption on a Regional Basis	15
The Measurement of Non-Monetary Income	16
Evaluation of Consumption, Standard Budget, and Cost of Living Studies	17
Level of Living Indexes	18
Sociological Aspects of Income and Levels of Living	19

BIBLIOGRAPHY

Titles Cited	21
Additional Titles Dealing With the South	24

BIBLIOGRAPHY

Titles Cited

- Adamson, W. M., *Income in Counties of Alabama, 1929 and 1935*. Bureau of Business Research Multilithed Series 1, University of Alabama, Tuscaloosa, 1939.
- Anderson, W. A., *Farm Family Living Among White Owner and Tenant Operators in Wake County*. North Carolina Agricultural Experiment Station Bulletin 269, Raleigh, 1929.
- *Living Conditions Among White Land Owner Operators in Wake County*. North Carolina Agricultural Experiment Station Bulletin 258, Raleigh, 1928.
- Blair, M. M., *Indices of Level of Living for the Thirteen Southern States by Counties, 1930*. Oklahoma Agricultural and Mechanical College, Social Science Research Council Bulletin 2, Stillwater, 1939.
- Bureau of Labor Statistics, "Minimum Quantity Budget Necessary to Maintain a Worker's Family of Five in Health and Decency." *Monthly Labor Review*, 10:1307-24, 1920.
- Carter, D. G., *Arkansas Farm Housing Conditions and Needs*. Arkansas Agricultural Experiment Station Bulletin 305, Fayetteville, 1934.
- Chapin, F. S., *The Measurement of Social Status*. University of Minnesota Press Pamphlet, Minneapolis, 1933.
- ✓ Conference on Research in National Income and Wealth, *Studies in Wealth; Values I, II, and III*. National Bureau of Economic Research, New York, 1937, 1938, and 1939.
- Crawford, I. Z., *The Use of Time by Farm Women*. Idaho Agricultural Experiment Station Bulletin 146, Moscow, 1927.
- Dickins, D., *A Nutrition Investigation of Negro Tenants in The Yazoo Mississippi Delta*. Mississippi Agricultural Experiment Station Bulletin 254, State College, 1928.
- *A Study of Food Habits of People in Two Contrasting Areas of Mississippi*. Mississippi Agricultural Experiment Station Bulletin 245, State College, 1927.
- *Clothing and House-Linen Expenditures of 99 Rural Families of Mississippi During 1928-1929*. Mississippi Agricultural Experiment Station Bulletin 294, State College, 1931.
- *Family Living on Poorer and Better Soil*. Mississippi Agricultural Experiment Station Bulletin 320, State College, 1937.
- Duncan, O. D. and Sanders, J. T., *A Study of Certain Economic Factors in Relation to Social Life Among Oklahoma Cotton Farmers*. Oklahoma Agricultural Experiment Station Bulletin 211, Stillwater, 1933.
- Engel, E., "Lebenkosten Belgischer Arbeiterfamilien Früher und Jetzt." *Bulletin de l'Institute International Statistique*, 9:1-124, 1895.
- Fisher, I., *The Nature of Capital and Income*. The Macmillan Company, New York, 1906.

- Funk, W. C., **What The Farm Contributes Directly to The Farmer's Living.** United States Department of Agriculture, Farmers' Bulletin 635, Washington, D. C., 1914.
- Gee, W. and Stauffer, W. H., **Rural and Urban Living Standards in Virginia.** Virginia University Institute for Research in The Social Sciences, Institute Monograph 6, University, 1929.
- Goodrich, C., Allin, B. W., and Hayes, M., **Migration and Planes of Living 1920-1934.** University of Pennsylvania Press, Philadelphia, 1935.
- Heer, C., **Income and Wages in The South.** University of North Carolina Press, Chapel Hill, 1930.
- Heller Committee for Research in Social Economics, **Quantity and Cost Budgets.** University of California, Berkeley, 1937.
- Kaplan, A. D. H., and Williams, F. M., assisted by Bernard, J. S., **Family Income and Expenditure in the Southeastern Region, 1935-36; Vol. I, "Family Income" (Urban Series).** United States Department of Labor, Miscellaneous Publication 647, Washington, D. C., 1939.
- , Williams, F. M., and Epstein, L. A., **Family Income and Expenditure in Selected Southeastern Cities, 1935-36; Vol. II, "Family Expenditures," (Urban Series).** United States Department of Labor, Miscellaneous Bulletin 647, Washington, D. C., 1940.
- Kirkpatrick, E. L. and Tough, E. G., **Standards of Living in the Village of Crozet, Virginia.** Virginia University Record, Extension Series 16, University, 1931.
- ✓ Kneeland, H., Schoenberg, E. H., and Friedman, M., "Plans for a Study of The Consumption of Goods and Services by American Families." *Journal of the American Statistical Association*, 31:135-140, 1936.
- Kuznets, S., **National Income and Capital Formation, 1919-1935.** National Bureau of Economic Research, Publication 32, New York, 1937.
- ✓ Leahy, A. M., **The Measurement of Urban Home Environment.** University of Minnesota Press, Minneapolis, 1936.
- Le Noir, E. and Smith, T. L., **Rural Housing in Louisiana.** Louisiana Agricultural Experiment Station Bulletin 290, University, 1937.
- ✓ Leven, M., Moulton, H. G., and Warburton, C., **America's Capacity to Consume.** The Brookings Institution, Publication 56, Washington, D. C., 1934.
- Likert, R., "A Technique for The Measurement of Attitudes." *Archives of Psychology*, No. 140, New York, 1932.
- Lively, C. E. and Almack, R. B., **A Method of Determining Rural Social Sub-Areas With Application to Ohio.** Ohio State University, Department of Agricultural Economics, Bulletin 106, Columbus, 1938.
- and Almack, R. B., **Rural Social Areas in Missouri,** Missouri Agricultural Experiment Station Research Bulletin 305, Columbia, 1939.
- ✓ Lough, W. H., **High Level Consumption, Its Behavior; Its Consequences.** McGraw-Hill, New York, 1935.
- Lundberg, G. A., Komarovskiy, M., and McInerney, M. A., **Letsure, a Suburban Study.** Columbia University Press, New York, 1934.

- Lynd, R. S., "The People as Consumers." *Recent Social Trends in the United States*. Whittlesey House Publication, McGraw-Hill Book Company, Inc., New York, 1935.
- McKain, W. C., Jr., "The Concept of Plane of Living and The Construction of a Plane of Living Index." *Rural Sociology*, 4:337-343, 1939.
- Martin, R. F., *Income in Agriculture, 1929-1935*. National Industrial Conference Board Studies 232, New York, 1936.
- *National Income and Its Elements*. National Industrial Conference Board Studies 227, New York, 1936.
- *National Income in The United States, 1799-1938*. National Industrial Conference Board Studies 241, New York, 1939.
- Murphy, G. and Likert, R., *Public Opinion and The Individual*. Harper and Brothers, New York, 1938.
- Murray, D. S., "Income in The Southern States." *Research in Income and Wealth in The South*. Proceedings of the Sixth Annual Southern Social Science Research Conference (Chattanooga, March 7-9, 1940), Stillwater, Okla., 1940.
- Nathan, R. H., *National Income 1929-1935*. United States Department of Commerce, Washington, D. C., 1937.
- National Resources Committee, *Consumer Expenditures in the United States, Estimates for 1935-1936*. Washington, D. C., 1939.
- National Resources Committee, *Consumer Incomes in The United States, Their Distribution in 1935 and 1936*. Washington, D. C., 1938.
- Odum, H. W., *Southern Regions of The United States*. University of North Carolina Press, Chapel Hill, 1936.
- Ogburn, W. F., "Analysis of the Standard of Living in the District of Columbia." *Quarterly Publication of the American Statistical Association*, 16:374-389, 1919.
- Palmer, E. Z., "Sources and Distribution of Income in The South." *Southern Economic Journal*, 2:47-60, 1935.
- Rundquist, E. A. and Sletto, R. F., *Personality and The Depression*. University of Minnesota Institute of Child Welfare Monograph Series, No. 12, Minneapolis, 1936.
- Sewell, W. H., *The Construction and Standardization of a Scale for The Measurement of the Socio-Economic Status of Oklahoma Farm Families*. Oklahoma Agricultural Experiment Station Technical Bulletin 9, Stillwater, 1940.
- Slaughter, J. A., "Income Received by The Various States," *National Industrial Conference Board Bulletin*. Vol. 9, No. 5, 1937 and Vol. 12, No. 2, 1938.
- Social Science Research Council, *Consumption According to Income*. (Mimeographed) Washington, D. C., 1929.
- Sorokin, P. A. and Berger, C. Q., *Time Budgets of Human Behavior*. Harvard University Press, Cambridge, 1939.

- Stecker, M. L., **Intercity Differences in Costs of Living in March 1935, 59 Cities.** Works Progress Administration, Division of Social Research, Research Monograph 12, Washington, D. C., 1937.
- **Quantity Budgets for Basic Maintenance and Emergency Standard of Living.** Works Progress Administration, Division of Social Research, Research Bulletin Series 1, No. 21, Washington, D. C., 1936.
- Stevens, E. W. and Estabrook, H., **North Carolina Farm Housing.** North Carolina Agricultural Experiment Station Bulletin 301, Raleigh, 1935.
- Stiebeling, H. K., **The Food Supply of Families Living in The Southern Appalachians.** United States Department of Agriculture, Miscellaneous Publication 205, Washington, D. C., 1935.
- Streighoff, F. H., **The Standard of Living Among Industrial People in America.** Houghton Mifflin Company, New York, 1911.
- Thurstone, L. L. and Chave, E. J., **The Measurement of Attitude.** University of Chicago Press, Chicago, 1929.
- Waite, W. C. and Cassady, R., **The Consumer and The Economic Order.** McGraw-Hill Book Company, New York, 1939.
- Warburton, C., "Value of the Gross National Product and Its Components, 1919-1929." *Journal of the American Statistical Association*, 29:383-388, 1934.
- Williams, F. M. and Zimmerman, C. C., **Studies of Family Living in The United and Other Countries: An Analysis of Material and Methods.** United States Department of Agriculture, Miscellaneous Publication 223, Washington, D. C., 1935.
- Wright, C. D., **Sixth Annual Report of the Massachusetts Bureau of Labor.** Boston, Massachusetts, 1875.
- Zimmerman, C. C., **Consumption and Standards of Living.** D. Van Nostrand Company, Inc., New York, 1936.
- "Ernst Engel's Law of Expenditures for Food." *The Quarterly Journal of Economics*, 47:78-101, 1932.
- "Objectives and Methods in Rural Living Studies." *Journal of Farm Economics*, 9:223-237, 1927.
- "The Family Budget as a Tool for Sociological Analysis." *American Journal of Sociology*, 33:901-910, 1928.
- and Frampton, M. E., **Family and Society.** D. Van Nostrand Company, Inc., New York, 1935.

Additional Titles Dealing With The South

- Allen, R. H., Cottrell, L. S., Jr., Troxell, W. W., Herring, H. L., and Edwards, A. D., **Part-Time Farming in the Southeast.** Works Progress Administration, Division of Social Research, Research Monograph IX, Washington, D. C., 1937.
- Asch, B. and Mangus, A. R., **Farmers on Relief and Rehabilitation.** Works Progress Administration, Division of Social Research, Research Monograph VIII, Washington, D. C., 1937.

- Aull, G. H., *Some Economic Characteristics of Owner-operated Farms in South Carolina*. South Carolina Agricultural Experiment Station Bulletin 316, Clemson, 1938.
- Beck, P. G. and Forster, M. C., *Six Rural Problem Areas; Relief—Resources—Rehabilitation*. Federal Emergency Relief Administration, Division of Research, Statistics and Finance, Research Monograph I, Washington, D. C., 1935.
- Blalock, H. W., *Plantation Operations of Landlords and Tenants in Arkansas*. Arkansas Agricultural Experiment Station Bulletin 339, Fayetteville, 1937.
- Bureau of Labor Statistics, "Cost of Living of Federal Employees of Five Cities." *Monthly Labor Review*, 29: No. 2, 41-61; No. 3, 248-259, No. 4.
- "Differences in Living Costs in Northern and Southern Cities," *Monthly Labor Review*, 49:22-38, 1939.
- "Living Standards in a Virginia Village." *Monthly Labor Review*, 35:1212-15, 1932.
- Burr, C. G. and Garnett, W. E., *Marginal Housing*. Virginia Agricultural Experiment Station, Rural Sociology Report 8, Blacksburg, 1939.
- Childs, B. G., *The Negroes of Lynchburg, Virginia*. Phelps-Stokes Fellowship Paper 5, Virginia University Publishers, University, 1923.
- Crum, W. L., "Regional Diversity of Income Distribution." *American Journal of Sociology*, 42:215-25, 1936.
- Davidson, D. M. and Hummel, B. M., *Standards of Living in Six Virginia Counties*. United States Department of Agriculture, Social Research Report XV, Washington, D. C., 1940.
- Dickins, D., "Living Rooms of White and Negro Farm Families of Mississippi Spending \$500 and Less a Year for Family Living." *Journal of Home Economics*, 29:702-709, 1937.
- *Occupations of Sons and Daughters of Mississippi Cotton Farmers*. Mississippi Agricultural Experiment Station Bulletin 318, State College, 1937.
- "Some Contrasts in Levels of Living in Industrial, Farm, and Part-Time Farm Families in Rural Mississippi." *Social Forces*, 18:247-255, 1939.
- Duncan, O. D., *Some Social Aspects of the Problem of Rural Health in Oklahoma*. Oklahoma Agricultural Experiment Station Circular 78, Stillwater, 1931.
- "Summary of Family Living Expenditures on 562 Oklahoma Farms in The North Central Wheat Area in 1932-1933." Oklahoma Agricultural Experiment Station, *Current Farm Economics*, 7:8-11, 1934.
- Edwards, P. K., *The Southern Urban Negro as a Consumer*. Prentice-Hall, New York, 1932.
- Farnham, R. and Link, I., *Effects of the Works Program on Rural Relief*. Works Progress Administration, Division of Social Research, Research Monograph XIII, Washington, D. C., 1938.

- Frayser, M. E., **Children of Pre-School Age in Selected Areas of South Carolina.** South Carolina Agricultural Experiment Station Bulletin 260, Clemson, 1929.
- Study of Expenditures for Family Living by 46 South Carolina Rural Families. South Carolina Agricultural Experiment Station Bulletin 299, Clemson, 1934.
- Gabbard, L. P., **An Agricultural Economic Survey of Rockwall County, Texas, a Typical Black-Land Cotton Farming Area.** Texas Agricultural Experiment Station Bulletin 327, College Station, 1925.
- Geddes, A. E., **Trends in Relief Expenditures 1910-1935.** Works Progress Administration, Division of Social Research, Research Monograph X, Washington, D. C., 1937.
- Gibbons, C. E. and Armentrout, C. B., **Child Labor Among Cotton Growers of Texas: A Study of Children Living in Rural Communities in Six Counties in Texas.** National Child Labor Commission Publication 324, New York, 1925.
- Goldberger, J., King, W. I., and Others. **A Study of Endemic Pellagra in Some Cotton-Mill Villages of South Carolina.** Hygienic Laboratory Bulletin 153, Washington, D. C., 1929.
- , Wheeler, G. A., and Sydenstricker, E., "Disabling Sickness Among the Population of Seven Cotton Mill Villages of South Carolina." *Public Health Reports*, 33:2038-51, 1918.
- Goodrich, C., Allin, B. W., Thornthwaite, C. W., and others, **Migration and Economic Opportunity.** University of Pennsylvania Press, Philadelphia, 1936.
- Hagood, M. J., **Mothers of The South, Portraiture of the White Tenant Farm Woman.** University of North Carolina Press, Chapel Hill, 1939.
- Hamilton, C. H., **Recent Changes in The Social and Economic Status of Farm Families in North Carolina.** North Carolina Agricultural Experiment Station Bulletin 309, Raleigh, 1937.
- Howell, L. D., **The Relations of Economic, Social, and Educational Advancement of Farmers to Their Membership in Organizations.** Oklahoma Agricultural Experiment Station Bulletin 185, Stillwater, 1929.
- Hummel, B. F. and Hummel, R. B., **The Rehabilitation of Virginia Farm Families.** Works Progress Administration of Virginia, Division of Rural Research, Virginia Polytechnic Institute, Blacksburg, 1939.
- Johnson, C. S., Embree, E. R., and Alexander, W. W., **The Collapse of Cotton Tenancy.** University of North Carolina Press, Chapel Hill, 1935.
- Jones, E. S., **Cost of Living for 57 Industrial Families and for 98 Farm Families in Georgia.** Georgia Agricultural Experiment Station Bulletin 180, Experiment, 1934.
- Klfer, R. S., and Stewart, H. L., **Farming Hazards in the Drought Area.** Works Progress Administration, Division of Social Research, Research Monograph XVI, Washington, D. C., 1938.
- King, W. I. assisted by Epstein, L., **The National Income and Its Purchasing Power.** National Bureau of Economic Research, Inc., Publication 15, New York, 1930.

- Kirkpatrick, E. L., *Analysis of 70,000 Rural Rehabilitation Families*. United States Department of Agriculture, Social Research Report IX, Washington, D. C., 1938.
- *The Farmer's Standard of Living; a Socio-Economic Study of 2,886 White Farm Families of Selected Localities in 11 States*. United States Department of Agriculture, Bulletin 1466, Washington, D. C., 1926.
- and Sanders, J. T., *The Relation Between The Ability to Pay and Standard of Living Among Farmers*. United States Department of Agriculture Bulletin 1362, Washington, D. C., 1926.
- Leap, W. L., "The Standard of Living of Negro Farm Families in Albemarle County, Virginia." *Social Forces*, 11:258-262, 1932.
- Leven, M., *Income in The Various States: Its Sources and Distribution, 1919, 1920, and 1921*. National Bureau of Economic Research, Publication 7, New York, 1925.
- and Wright, K. R., *Income Structure of the United States*. Institute of Economics Publication 74, Brookings Institution, Washington, D. C., 1938.
- Lively, C. E., and Taeuber, C., *Rural Migration in The United States*. Works Progress Administration, Division of Social Research, Research Monograph XIX, Washington, D. C., 1939.
- Loomis, C. P., *The Growth of the Farm Family in Relation to Its Activities*. North Carolina Agricultural Experiment Station Bulletin 298, Raleigh, 1934.
- and Davidson, D. M., *Standards of Living of the Residents of Seven Rural Resettlement Communities*. United States Department of Agriculture, Social Research Report XI, Washington, D. C., 1938.
- and Dodson, L. S., *Standards of Living in Four Appalachian Mountain Counties*. United States Department of Agriculture, Social Research Report X, Washington, D. C., 1938.
- McCormick, T. C., *Farm Standards of Living in Faulkner County, Arkansas*. Arkansas Agricultural Experiment Station Bulletin 279, Fayetteville, 1932.
- McKinley B., *An Economic Study of 249 Dairy Farms in Florida*. Florida Agricultural Experiment Station Bulletin 246, Gainesville, 1932.
- McMillan, R. T., *A Social and Economic Study of Relief Families in Ottawa County, Oklahoma, 1934*. Oklahoma Agricultural Experiment Station Technical Bulletin No. 1, Stillwater, 1938.
- Mitchell, W. C., King, W. I., Macaulay, F. R., Knauth, O. W., and others, *Income in The United States 1909 to 1919; Volumes I and II*. National Bureau of Economic Research Publications 1 and 2, Harcourt, Brace and Company, New York, 1921 and 1922.
- Moser, A. M., *Farm Family Diets in The Lower Coastal Plains of South Carolina*. South Carolina Agricultural Experiment Station Bulletin 319, Clemson, 1939.
- *Food Consumption and Use of Time for Food Work Among Farm Families in the South Carolina Piedmont*. South Carolina Agricultural Experiment Station Bulletin 300, Clemson, 1935.

- Nathan, R. H., and Martin, J. L., *State Income Payments, 1929-37*. United States Department of Commerce, Washington, D. C., 1939.
- Nicholls, W. D., *Farm Tenancy in Central Kentucky*. Kentucky Agricultural Experiment Station Bulletin 303, Lexington, 1930.
- Bondurant, J. H., and Galloway, Z. L., *Family Incomes and Land Utilization in Knox County*. Kentucky Agricultural Experiment Station Bulletin 375, Lexington, 1937.
- and Rouse, W. L., *Farm Organization and Family Incomes in Knott County, Kentucky*. Kentucky Agricultural Experiment Station Bulletin 351, Lexington, 1934.
- Ogburn, W. F., "A Study of Food Costs in Various Cities." *Monthly Labor Review*, 9:1-25, 1919.
- "A Study of Rents in Various Cities." *Monthly Labor Review*, 9:9-30, 1919.
- *Cost of Living in The United States*. United States Department of Labor, Retail Prices and Cost of Living Service Bulletin 357, Washington, D. C., 1924.
- Oyler, M., *The Standard of Living of Farm Families in Grayson County, Kentucky*. Kentucky Agricultural Experiment Station Bulletin 316, Lexington, 1931.
- Perrott, G. St. J., and Collins, S. D., "Relation of Sickness to Income and Income Change in Ten Surveyed Communities." *Public Health Reports*, Vol. 50, No. 18, 1935.
- Peterson, G. M., "Wealth, Income and Living." *Journal of Farm Economics*, 15:421-450, 1933.
- Raper, A. F., *Preface to Peasantry; A Tale of Two Black Belt Counties*. The University of North Carolina Press, Chapel Hill, 1936.
- Reed, L. S., *The Ability to Pay for Medical Care*. Cost of Medical Care Committee Publication 25, Chicago, 1933.
- Rouse, W. L., Hawthorne, H. W., and Galloway, Z. L., *Farm Organization and Management in Grayson County*. Kentucky Experiment Station Bulletin 317, Lexington, 1931.
- Sanders, J. T., *Farm Ownership and Tenancy in The Black Prairie of Texas*. United States Department of Agriculture Bulletin 1068, Washington, D. C., 1922.
- *The Economic and Social Aspects of Mobility of Oklahoma Farmers*. Oklahoma Agricultural Experiment Station Bulletin 195, Stillwater, 1929.
- Scarborough, D. D., *An Economic Study of Negro Farmers as Owners, Tenants, and Croppers*. Georgia University Bulletin, Vol. 25, No. 2A, Phelps-Stokes Fellowship Studies, No. 7, Athens, 1924.
- *Tenancy and Ownership Among Negro Farmers in Southampton County, Virginia*. United States Department of Agriculture Bulletin 1404, Washington, D. C., 1926.

- Schuler, E. A., "Social and Economic Status in a Louisiana Hills Community." *Rural Sociology*, 5:69-83, 1940.
- **Social Status and Farm Tenure—Attitudes and Social Conditions of Corn Belt and Cotton Belt Farmers.** United States Department of Agriculture, Social Research Report IV, Washington, D. C., 1938.
- Staley, L. M., **The Farm Housing Survey.** United States Department of Agriculture, Miscellaneous Publication 323, Washington, D. C., 1939.
- Swire, F. M., "Housing in Rural America." *Rural Sociology*, 4:449-457, 1939.
- Sydenstricker, E., "Economic Status and The Incidence of Illness." *Public Health Reports*, 44:1821-33, 1929.
- and King, W. I., "A Method of Classifying Families According to Income in Studies of Disease Prevalence." *Public Health Reports*, 35:2829-46, 1920.
- and King, W. I., "The Measurement of Relative Economic Status of Families." *Quarterly Publications of the American Statistical Association*, 17:842-57, 1921.
- King, W. I., and Wiehl, D., "The Income Cycle in The Life of The Wage-Earner." *Public Health Reports*, 39:2133-50, 1924.
- Taylor, C. C., Wheeler, H. W., and Kirkpatrick, E. L., **Disadvantaged Classes in American Agriculture.** United States Department of Agriculture, Social Research Report VIII, Washington, D. C., 1938.
- and Zimmerman, C. C., **Economic and Social Conditions of North Carolina Farmers, Based on a Survey of 1,000 North Carolina Farmers in Three Typical Counties of the State.** North Carolina Department of Agriculture, Tenancy Committee, Raleigh, 1923.
- Tucker, R. S., "The Distribution of Income Among Income Taxpayers in The United States, 1863-1935." *Quarterly Journal of Economics*, 52:547-87, 1938.
- Turner, H. A. and Howell, L. D., **Condition of Farmers in a White-Farmer Area of the Cotton Piedmont.** United States Department of Agriculture, Circular 78, Washington, D. C., 1929.
- Willeford, M. B., **Income and Health in Remote Rural Areas; A Study of 400 Families in Leslie County, Kentucky.** Frontier Nursing Service, Wendover, Kentucky, 1932.
- Williams, F. M., "Clothing Costs Among 1,425 Farm Families Reported in Survey." *United States Department of Agriculture Yearbook*, pp. 146-149, Washington, D. C., 1932.
- "Variations in Farm Family Living," **Economic and Social Problems and Conditions of The Southern Appalachians.** United States Department of Agriculture, Miscellaneous Publication 205, Washington, D. C., 1935.
- Stiebeling, H. K., Swisher, I. G. and Weiss, G. S., **Family Living in Knott County, Kentucky.** United States Department of Agriculture, Technical Bulletin 576, Washington, D. C., 1937.
- Wilson, I. C., **Sickness and Medical Care Among The Negro Population in a Delta Area of Arkansas.** Arkansas Agricultural Experiment Station Bulletin 372, Fayetteville, 1939.

- Winters, J. C., **A Report on the Health and Nutrition of Mexicans Living in Texas.** Texas University Bulletin 3127, Austin, 1931.
- Woofter, T. J., Jr., **Black Yeomanry; Life on St. Helena Island.** Henry Holt and Company, New York, 1930.
- **A Study of The Economic Status of The Negro.** Chapel Hill, North Carolina, 1930 (Mimeographed).
- **Landlord and Tenant on The Cotton Plantation.** Works Progress Administration, Division of Social Research, Research Monograph V, Washington, D. C., 1936.
- **The Negroes of Athens, Georgia.** Georgia University Bulletin 14, Athens, 1913.
- Zimmerman, C. C. and Whetten, N. L., **Rural Families on Relief.** Works Progress Administration, Division of Social Research, Research Monograph XVII, Washington, D. C., 1938.