

American Statistical Association

PROGRAM

of the

NINETY-SEVENTH ANNUAL MEETING

to be held in

NEW YORK CITY

December 27 to 31, 1935

at the

HOTEL COMMODORE

President.....WILLFORD I. KING
236 Wooster Street, New York City

Secretary.....FREDERICK F. STEPHAN
722 Woodward Bldg., Washington, D. C.

*Chairman of the Joint Committee on
Arrangements*A. T. FALK
Advertising Federation of America,
330 W. 42nd Street, New York City

NINETY-SEVENTH ANNUAL MEETING

The American Statistical Association will hold its Ninety-seventh Annual Meeting in New York City, December 27 to 31, 1935. The headquarters of the Association will be at the Commodore Hotel, 42nd Street and Lexington Avenue. The Association will maintain an information and service desk for the convenience of members and committees. Members are requested to register promptly and deposit their railway certificates at the joint registration desk maintained by the Joint Committee on Arrangements for the following societies (whose secretaries are also listed) which are meeting in the Commodore Hotel at the same time:

American Association for Labor Legislation

John B. Andrews, 131 East 23rd Street, New York City

American Association of University Instructors in Accounting

Professor Charles F. Schlatter, University of Illinois, Urbana, Ill.

American Association of University Teachers of Insurance

Professor Frank G. Dickinson, University of Illinois, Urbana, Ill.

American Farm Economic Association

Asher Hobson, University of Wisconsin, Madison, Wisconsin

American Sociological Society

Herbert Blumer, 1126 East 59th St., Chicago, Ill.

American Statistical Association

Frederick F. Stephan, 722 Woodward Bldg., Washington, D. C.

Association of Teachers of Business Law

Harold F. Lusk, Indiana University, Bloomington, Indiana

Econometric Society

Charles F. Roos, 301 Mining Exchange Bldg., Colorado Springs, Colorado

National Association of Marketing Teachers

Hugh E. Agnew, New York University, 100 Washington Square East, New York City

AMERICAN STATISTICAL ASSOCIATION
722 Woodward Building, Washington, D.C.

Please enter my order for rotoprinted copies of the Annual Meeting papers listed below. I agree to pay promptly after delivery of the order \$.25 per copy for the papers I receive. It is understood that the papers will be mailed not later than February 15, 1936, and that only those items of the order will be sent to me for which (1) a sufficient number of orders has been received to cover the cost of rotoprinting and postage and (2) a suitable manuscript is submitted by the author promptly after the Annual Meeting.

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- National Association of Marketing Teachers
Hugh E. Agnew, New York University, 100 Washington Square East, New York City

Please register. Members living in New York City are requested to register even if they are not attending more than one session. *Leave your railroad certificate* for validation at the registration desk in the Commodore Hotel immediately after your arrival. Call for it before you purchase your return ticket.

Order blanks for planographed copies of papers presented at the annual meeting can be obtained at Association's desk near the registration desk in the Commodore Hotel. Orders may be mailed to the Association office, 722 Woodward Building, Washington, D. C. If the regular order form has not been used, they will be accepted subject to the conditions stated on that form. The reproduction of papers by planographing does not preclude publication of the paper or a revision of it either in the Journal or elsewhere.

Convention Rates Quoted by New York Hotels in the Grand Central Zone for Delegates Attending December Meetings of Social Science Societies

Commodore Hotel (Registration Headquarters) 42nd Street and Lexington Avenue.....	<table style="border: none;"> <tr><td style="border-left: 1px solid black; padding-left: 5px;">\$3.00 single room*</td></tr> <tr><td style="border-left: 1px solid black; padding-left: 5px;">\$4.00 double room</td></tr> <tr><td style="border-left: 1px solid black; padding-left: 5px;">\$5.00 double room with twin beds</td></tr> </table>	\$3.00 single room*	\$4.00 double room	\$5.00 double room with twin beds
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Waldorf-Astoria Hotel 49th Street and Park Avenue.....	<table style="border: none;"> <tr><td style="border-left: 1px solid black; padding-left: 5px;">\$5.00 single room</td></tr> <tr><td style="border-left: 1px solid black; padding-left: 5px;">\$8.00 double room</td></tr> </table>	\$5.00 single room	\$8.00 double room	
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\$8.00 double room				

* A few rooms are available at \$2.50.

† Special academic rate.

FRIDAY, DECEMBER 27, 1935

10:00 A.M.—SECTION I—Roosevelt Hotel—Ballroom
Chairman: Roland P. Falkner, National Industrial Conference Board

The New Deal and the Investor

Speakers: Bernhard Ostrolenk, City College, New York
John T. Madden, New York University
Discussant: Dean Langmuir, Dean Langmuir, Inc., New York City

The Foundations of American Wealth and Industrial Supremacy

Speaker: Carl Snyder, Federal Reserve Bank of New York
Discussant: W. W. Cumberland, Wellington & Co., New York City

10:00 A.M.—SECTION II—Commodore Hotel—Rooms B and C
Joint Session with American Sociological Society
Chairman: R. Clyde White, Indiana University

Evaluation of Research Work Done Under the Emergency Relief Programs

Administering Relief Through Research Work
Howard B. Myers, Federal Emergency Relief Administration
Significant Developments in Social Research under the FERA
C. Horace Hamilton, North Carolina State College
Discussant: R. W. Murchie, University of Minnesota

10:00 A.M.—SECTION III—Roosevelt Hotel—Small Ballroom
Chairman: Arnyess Joy, Central Statistical Board

Recent Developments in Collection of Industrial Statistics

N.R.A.'s Statistical Experience
Theodore J. Kreps, Stanford University
Wanted: New Industrial Statistics
Willard Thorp, Dun & Bradstreet
Post-N.R.A. Machinery for Collection of Industrial Statistics
Stephen DuBrul, General Motors Corporation
The Central Statistical Board's Program for Industrial Statistics
Howard McClure, Central Statistical Board
Discussion from the floor

10:00 A.M.—SECTION IV—Roosevelt Hotel—Hendrik Hudson Room
Chairman: Roland S. Vaile, University of Minnesota

Round Table on Statistics of Marketing

The New Retail Price Indexes of the Bureau of Labor Statistics
Stella Stewart, U. S. Department of Labor
Size of Samples in Marketing Surveys
Theodore H. Brown, Harvard University
Retail Price Dispersion
John H. Cover, University of Chicago

12:30 P.M.—LUNCHEON MEETING—Commodore Hotel—Room F
Committee on Census Enumeration Areas (Business Meeting)
Chairman: Howard W. Green

FRIDAY, DECEMBER 27, 1935

12:30 P.M.—LUNCHEON MEETING—Roosevelt Hotel—Hendrik Hudson Room

Joint Session with Committee on Economic Accord
Chairman: Fred R. Fairchild, Yale University
The Need for Economic Accord

W. Randolph Burgess, Federal Reserve Bank of New York
The Mechanics of Ascertaining What Economists Believe
Earl E. Muntz, New York University

Accomplishments in Economic Accord
William H. Kiekhofer, University of Wisconsin

3:00 P.M.—SECTION I—Roosevelt Hotel—Hendrik Hudson Room
Chairman: Wesley C. Mitchell, Columbia University

The Nature of the Business Cycle

The Shape of the Business Cycle Curve
Charles E. Armstrong, New York Telephone Co.
Fluctuating Credit Volume and the Business Cycle
Frederick R. Ottman, New York University
Credit Buying as a Cause of the 1929 Crash
Lyman S. Logan, Economics Statistics, New York City
Discussion: Harold V. Roelse, Federal Reserve Bank of New York
Otto Nathan, New York University

3:00 P.M.—SECTION II—Roosevelt Hotel—Ballroom
Joint Session with American Farm Economic Association
Chairman: Willford I. King, New York University

The Recovery Program and Agriculture

The Agricultural Adjustment Act and National Recovery
Chester C. Davis, Agricultural Adjustment Administration
Fundamental Significance of the Agricultural Adjustment Concept
E. G. Nourse, Brookings Institution
Discussion: J. D. Black, Harvard University
J. I. Falconer, Ohio State University

3:00 P.M.—SECTION III—Roosevelt Hotel—Small Ballroom
Chairman: Robert E. Chaddock, Columbia University

The Birth Rate of the Population on Relief

The Measurement of the Rate and of the Effect of Relief
Frank W. Notestein, Milbank Memorial Fund
Should Relief Recipients Eschew Parenthood?
Mary Ross, Associate Editor, *The Survey*
Discussion: Henry Pratt Fairchild, New York University
Samuel A. Stouffer, University of Chicago

6:30 P.M.—DINNER MEETING—Commodore Hotel—Grand Ballroom
Chairman: J. Franklin Ebersole, Harvard University

Unemployment, Relief, The Unbalanced Budget, and Inflation

Speakers: Luther A. Harr, Commonwealth of Pennsylvania
Robert M. Haig, Columbia University
John C. Gebhart, National Economy League
Discussion: Norman Lombard, Economic Consultant
Ralph Robey

SATURDAY, DECEMBER 28, 1935

9:00 A.M.—BUSINESS MEETING—Commodore Hotel—Grand Ballroom

10:00 A.M.—SECTION I—Commodore Hotel—Grand Ballroom
Chairman: Benjamin H. Hibbard, University of Wisconsin

The A.A.A.

The A.A.A. and the Consumers

Calvin B. Hoover, Duke University

The A.A.A., the Cotton Growers, and the Ranchmen

Alonzo B. Cox, University of Texas

The A.A.A. and the Tenant Farmers

Norman Thomas, Socialist Party Leader

Discussant: Louis H. Bean, U. S. Department of Agriculture

10:00 A.M.—SECTION II—Roosevelt Hotel—Ballroom
Chairman: John R. Commons, University of Wisconsin

Economic History

The Effect Upon French Prices of John Law's Scheme

Earl J. Hamilton, Duke University

Significant Developments in the Field of Money and Banking

Walter E. Spahr, New York University

The Real Wages of Skilled Laborers in London from 1729 to Date

Rufus S. Tucker, Twentieth Century Fund

Discussion: Carl Snyder, New York City

Elizabeth W. Gilboy, Harvard University

10:00 A.M.—SECTION III—Commodore Hotel—Rooms B and C
Joint Session with American Sociological Society
Chairman: R. Clyde White, Indiana University

Problems of Sampling and Correlation Methods in Sociological Research

Suggested Uses of the Method of Multiple Factor Analysis in Sociological Research

Leonard S. Cottrell, Jr., Cornell University

Practical Problems of Sampling Procedure

Frederick F. Stephan, American Statistical Association

Discussant: Paul H. Furfey, Catholic University of America

10:00 A.M.—SECTION IV—Roosevelt Hotel—Small Ballroom
Chairman: Frederick C. Mills, Columbia University

The Logic of Statistics

The Statistical View of Nature

Morris R. Cohen, College of the City of New York

The Meaning of Probability

Ernest Nagel, Columbia University

Discussion: Truman L. Kelley, Harvard University

Curt J. Ducasse, Brown University

Henry Margenau, Yale University

S. S. Wilks, Princeton University

SATURDAY, DECEMBER 28, 1935

12:30 P.M.—LUNCHEON MEETING—Commodore Hotel—Grand Ballroom
Joint Session with American Association for Labor Legislation
Chairman: Stuart A. Rice, Bureau of the Census

Are Old Age Pensions Worth Their Cost?

Speakers: Edwin E. Witte, University of Wisconsin
Margaret Culkin Banning, Author

3:00 P.M.—SECTION I—Commodore Hotel—Grand Ballroom
Chairman: Malcolm C. Rorty, American Management Association

The N.R.A.

The Effect of the N.R.A. on the Physical Volume of Production

Leonard Kuvin, National Industrial Conference Board

The Effect of the N.R.A. on the Consuming Public

Q. Forrest Walker, R. H. Macy & Co.

The Effect of the N.R.A. on Corporate Profits

W. L. Crum, Harvard University

Discussant: Lewis H. Haney, New York University

3:00 P.M.—SECTION II—Commodore Hotel—Rooms B and C
Chairman: E. A. Goldenweiser, Board of Governors of the Federal Reserve System

Stabilizing Our Banking System

Causes of the Banking Debacle

Joseph H. Finnegan, New York University

Fred Rubman, Salomon Bros. and Hutzler, New York

Margaret Souers, New York University

Insurance of Bank Deposits

Mortimer J. Fox, Jr., Federal Deposit Insurance Corporation

Discussant: Arthur R. Tebbutt, Brown University

3:00 P.M.—SECTION III—Commodore Hotel—West Ballroom
Joint Session with American Association for Labor Legislation
Chairman: Edwin E. Witte, University of Wisconsin

Administration of Unemployment Insurance

The Role of the Federal Government

John G. Winant, Social Security Board

Setting up State Administration

Glenn A. Bowers, New York State Director of Unemployment Insurance

Discussion: I. M. Rubinow, B'nai B'rith, Cincinnati, Ohio

Clarence A. Kulp, University of Pennsylvania

E. Wight Bakke, Yale University

W. Frank Persons, U. S. Employment Service

MONDAY, DECEMBER 30, 1935

9:00 A.M.—BUSINESS MEETING—Commodore Hotel—Grand Ballroom

10:00 A.M.—SECTION I—Commodore Hotel—Grand Ballroom
Chairman: Warren M. Persons, Consulting Economist

Money, Prices, and Unemployment

Price Decline as a Cause of Unemployment

Irving Fisher, Yale University

Does Money Volume Actually Control the Price Level?

Julius H. Spalding, New York University

Discussion: Lucile Bagwell, New York City

Morris A. Copeland, University of Michigan

Jacob Viner, University of Chicago

10:00 A.M.—SECTION II—Commodore Hotel—Room A

Chairman: Edgar Sydenstricker, Milbank Memorial Fund

Public Health Problems

Plans for Development of the Vital Statistics Division, Bureau of the Census

Halbert L. Dunn, Bureau of the Census

The Development and Use of Neighborhood Vital Statistics in New York City

Marguerite Potter, Department of Health, City of New York

The Frequency of Vaccinations and Immunizations in Surveyed Families in Eighteen States

Selwyn D. Collins, U. S. Public Health Service

Discussion: Robert E. Chaddock, Columbia University

Louis I. Dublin, Metropolitan Life Insurance Co.

Godias J. Drolet, New York Tuberculosis and Health Association

Neva R. Deardorff, Welfare Council of New York City

A. W. Hedrich, School of Hygiene and Public Health, The Johns Hopkins University

Dorothy G. Wiehl, Milbank Memorial Fund

10:00 A.M.—SECTION III—Commodore Hotel—Rooms B and C

Chairman: David Friday, Washington, D. C.

Current Developments in Commercial Banking

The Quality of Bank Assets

J. H. Riddle, Bankers Trust Company, New York City

The Changing Function of Commercial Banking under Security Capitalism

George W. Edwards, City College of New York

Significance of Broadened Lending Powers of Federal Reserve Banks

E. A. Goldenweiser, Board of Governors of the Federal Reserve System

Discussion: C. O. Hardy, Brookings Institution

W. W. Riefler, Institute for Advanced Study, Princeton, N. J.

Henry C. Simons, University of Chicago

MONDAY, DECEMBER 30, 1935

12:30 P.M.—LUNCHEON MEETING—Commodore Hotel—Grand Ballroom
Chairman: Richard T. Ely, Institute for Economic Research

Causes of Unemployment

Relief as a Cause of Unemployment

George B. Chandler, Ohio Chamber of Commerce

Unemployment Insurance and Unemployment

Malcolm C. Rorty, American Management Association

3:00 P.M.—SECTION I—Commodore Hotel—Grand Ballroom

Chairman: William F. Ogburn, University of Chicago

Unemployment

The Effect Upon Employment of Regulating Hours and Wage Rates

Robert H. Armstrong, Real Estate and Insurance, New York

Public Works as a Remedy for Unemployment

Noel Sargent, National Association of Manufacturers

Discussion: Frank G. Dickinson, University of Illinois

Arthur D. Gayer, Barnard College, Columbia University

3:00 P.M.—SECTION II—Commodore Hotel—Room B

Chairman: Herbert A. Toops, Ohio State University

The Techniques of Improving Statistical Teaching and Practice

The Improvement of Statistical Techniques in Biology

George W. Snedecor, Iowa State College

Psychological Improvements in Statistical Practice

Harold A. Edgerton, U. S. Employment Service

Statistical Issues in Scientific Thinking

Truman L. Kelley, Harvard University

Needed Improvements in the Methods of Teaching Statistics

Helen M. Walker, Teachers College, Columbia University

The Improvement of Statistical Textbooks

Wendell Vreeland, Wayne University

3:00 P.M.—SECTION III. ROUND TABLE DISCUSSION—Roosevelt Hotel—Ballroom

Chairman: Harold L. Reed, Cornell University

Recent Developments in Financial Statistics

A Broadened Program of Bank Reports

Mortimer J. Fox, Jr., Federal Deposit Insurance Corporation

New Member Bank Statistics

J. E. Horbett, Board of Governors of the Federal Reserve System

New Reports from Security Brokers and Dealers

Carl E. Parry, Board of Governors of the Federal Reserve System

Statistics Relating to Security Markets and Corporations

Paul P. Gourrich, Securities and Exchange Commission

Recent Developments in Corporate Earnings

Leland Rex Robinson, International Securities Corporation

(Continued on next page)

MONDAY, DECEMBER 30, 1935

3:00 P.M.—SECTION III.—*Continued*

Discussion: William J. Carson, University of Pennsylvania
W. L. Crum, Harvard University
W. W. Cumberland, Wellington and Co., New York City
Wilford J. Eiteman, Albion College

3:00 P.M.—SECTION IV—Commodore Hotel—Room A

Joint Session with the Econometric Society
Chairman: Donald R. Belcher, American Telephone Co.

Statistical Technique

Generalized Multiple Correlation for Pairs of Sets of Economic Variates

Harold Hotelling, Columbia University

The Significance of Points of Inflection in the Determination of Cyclical Variation

Walter A. Baude, University of Cincinnati

Some Problems in Time Series Analysis

Victor S. von Szelski, National Recovery Administration

Discussion: (a) Theoretical Significance of Papers
S. S. Wilks, Princeton University

(b) Practical Significance of Papers
Robert W. Burgess, Western Electric Co.

8:00 P.M.—PRESIDENTIAL SESSION—Commodore Hotel—Grand Ballroom

Joint Session with American Sociological Society and American Association for Labor Legislation

Chairman: Lindsay Rogers, Columbia University

Presidential Addresses:

American Sociological Society

F. Stuart Chapin

Social Theory and Social Action

American Association for Labor Legislation

Joseph P. Chamberlain

Expressing Social Theory in Legislation

American Statistical Association

Willford I. King

Consolidating Our Gains

TUESDAY, DECEMBER 31, 1935

10:00 A.M.—SECTION I—Commodore Hotel—Grand Ballroom

Chairman: George F. Warren, Cornell University

Price Changes Analyzed

Effect of Gold Price Change on the Prices of Other Goods and on International Trade

Salem Shapiro, New York University

Marvin M. Wofsey, New York University

Joseph Lehner, New York University

George Eder, Standard Statistics Company

Price Volatility and Flexibility

Paul M. Densen, Johns Hopkins University

The Quantitative Measurement of the Causes of Certain Price Changes

Frank A. Pearson, Cornell University

Discussant: Arthur G. Peterson, U. S. Department of Agriculture

10:00 A.M.—SECTION II—Commodore Hotel—West Ballroom

Chairman: Theodore H. Brown, Harvard University

Statistical Controls in Business

The Kind of Information an Executive Needs to Operate a Factory

Walter F. Titus, International Business Machines Corporation

Bases of Control for Industrial Operation

Fairfield E. Raymond, Massachusetts Institute of Technology

Some Uses of Statistics in Executive Control

F. Leslie Hayford, General Motors Corporation

10:00 A.M.—SECTION III—Commodore Hotel—Rooms B and C

Joint Session with Population Association of America

Chairman: Louis I. Dublin, President, Population Association of America

Demographic Statistics

The Evaluation of the Effect Upon Mortality Statistics of the Selection of the Primary Cause of Death

Halbert L. Dunn, U. S. Bureau of the Census

Geographic Distribution of Net Reproductive Rates in the United States

Alfred J. Lotka, Metropolitan Life Insurance Company

An Empirical Method of Calculating Future Population

P. K. Whelpton, Scripps Foundation for Research in Population Problems

TUESDAY, DECEMBER 31, 1935

12:45 P.M.—LUNCHEON MEETING—Commodore Hotel—Grand Ballroom

Joint Session with the New York District Chapter
Chairman: Edwin B. Wilson, Harvard University

The Outlook for 1936

Speakers: Lionel D. Edie, Edie-Davidson, Inc., New York
David Friday, National Association of Automobile Manufacturers
Leonard P. Ayres, Cleveland Trust Company

1:30 P.M.—BUSINESS MEETING
Election of Officers

A STATISTICAL EXHIBIT

A statistical exhibit to which members of the American Statistical Association are particularly invited has been prepared at Teachers College of Columbia University. This exhibit includes the following features:

1. A display of famous books, and papers, which are milestones in the development of statistical theory and practice but which very few libraries possess, original memoirs which represent the first work in some major aspect of statistical work, portraits, rare letters and autographs by the authors of these studies. Many of the autographs and portraits have been loaned for the occasion by Professor David Eugene Smith. With a few exceptions the works of living authors are not included.
2. An open shelf with a collection of modern statistics texts which the visitor is at liberty to examine at leisure.
3. The statistical laboratory with trained computers at work on a variety of machines.
4. A number of three-dimensional teaching models.

The exhibit is located in Rooms 310 and 314 of Teachers College, 525 West 120th Street, between Broadway and Amsterdam. It may be reached by subway, taking a West Side I. R. T. train marked "Broadway and Seventh Ave." to 116th Street, and walking north to 120th; or by taking a No. 4, No. 5, or No. 19 bus to 120th Street and walking east; or by taking an Amsterdam bus to 120th Street. The laboratory and historical collection can be seen from 9 to 5 on weekdays, 9 to 12 on Saturday.

INDEX OF CHAIRMEN, SPEAKERS AND DISCUSSANTS

Armstrong, C. E.—3:00 Fri. I
Armstrong, R. H.—3:00 Mon. I
Ayres, L. P.—12:45 Tues.
Bagwell, L.—10:00 Mon. I
Bakke, E. W.—3:00 Sat. III
Banning, M. C.—12:30 Sat.
Baude, W. A.—3:00 Mon. IV
Bean, L. H.—10:00 Sat. I
Belcher, D. R.—3:00 Mon. IV
Black, J. D.—3:00 Fri. II
Bowers, G. A.—3:00 Sat. III
Brown, T. H.—10:00 Fri. IV
—10:00 Tues. II
Burgess, W. R.—12:30 Fri.
Burgess, R. W.—3:00 Mon. IV
Carson, W. J.—3:00 Mon. III
Chaddock, R. E.—3:00 Fri. III
—10:00 Mon. II
Chamberlain, J. P.—8:00 Mon.
Chandler, G. B.—12:30 Mon.
Chapin, F. S.—8:00 Mon.
Cohen, M. R.—10:00 Sat. IV
Collins, S. D.—10:00 Mon. II
Commons, J. R.—10:00 Sat. II
Copeland, M. A.—10:00 Mon. I
Cottrell, L. S.—10:00 Sat. III
Cover, J.—10:00 Fri. IV
Cox, A. B.—10:00 Sat. I
Crum, W. L.—3:00 Sat. I
—3:00 Mon. III
Cumberland, W. W.—10:00 Fri. I
—3:00 Mon. III
Davis, C. C.—3:00 Fri. II
Deardorff, N. R.—10:00 Mon. II
Densen, P. M.—10:00 Tues. I
Dickinson, F. G.—3:00 Mon. I
Drolet, G. J.—10:00 Mon. II
Dublin, L. I.—10:00 Mon. II
—10:00 Tues. III
DuBrul, S.—10:00 Fri. III
Ducasse, C. J.—10:00 Sat. IV
Dunn, H. L.—10:00 Mon. II
—10:00 Tues. III
Ebersole, J. F.—6:30 Fri.
Eder, G.—10:00 Tues. I
Edie, L. D.—12:45 Tues.
Edgerton, H. A.—3:00 Mon. II
Edwards, G. W.—10:00 Mon. III
Eiteman, W. J.—3:00 Mon. III
Ely, R. T.—12:30 Mon.
Fairchild, F. R.—12:30 Fri.
Fairchild, H. P.—3:00 Fri. III
Falconer, J. I.—3:00 Fri. II
Falkner, R. P.—10:00 Fri. I
Finnegan, J. H.—3:00 Sat. II
Fisher, I.—10:00 Mon. I
Fox, M. J., Jr.—3:00 Sat. II
—3:00 Mon. III
Friday, D.—10:00 Mon. III
—12:45 Tues.
Furfey, P. H.—10:00 Sat. III
Gayer, A. D.—3:00 Mon. I
Gebhart, J. C.—6:30 Fri.
Gilboy, E. W.—10:00 Sat. II
Goldenweiser, E. A.—3:00 Sat. II
—10:00 Mon. III
Gourrich, P. P.—3:00 Mon. III
Green, H. W.—12:30 Fri.
Haig, R. M.—6:30 Fri.
Hamilton, C. H.—10:00 Fri. II
Hamilton, E. J.—10:00 Sat. II
Haney, L.—3:00 Sat. I
Hardy, C. O.—10:00 Mon. III
Harr, L. A.—6:30 Fri.
Hayford, F. L.—10:00 Tues. II
Hedrich, A. W.—10:00 Mon. II
Hibbard, B.—10:00 Sat. I
Hoover, C. B.—10:00 Sat. I
Horbett, J. E.—3:00 Mon. III
Hotelling, H.—3:00 Mon. IV
Joy, A.—10:00 Fri. III
Kelley, T. L.—10:00 Sat. IV
—3:00 Mon. II
Kiekhofer, W. H.—12:30 Fri.
King, W. I.—3:00 Fri. II
—8:00 Mon.
Kreps, T. J.—10:00 Fri. III
Kulp, C. A.—3:00 Sat. III
Kuvin, L.—3:00 Sat. I
Langmuir, D.—10:00 Fri. I
Lehner, J.—10:00 Tues. I
Logan, L. S.—3:00 Fri. I
Lombard, N.—6:30 Fri.
Lotka, A. J.—10:00 Tues. III
Madden, J. T.—10:00 Fri. I
Margenau, H.—10:00 Sat. IV
McClure, H.—10:00 Fri. III

INDEX OF CHAIRMEN, SPEAKERS AND DISCUSSANTS (Continued)

Mills, F. C.—10:00 Sat. IV	Snedecor, G. W.—3:00 Mon. II
Mitchell, W. C.—3:00 Fri. I	Snyder, C.—10:00 Fri. I
Muntz, E. E.—12:30 Fri.	—10:00 Sat. II
Murchie, R. W.—10:00 Fri. II	Souers, M.—3:00 Sat. II
Myers, H. B.—10:00 Fri. II	Spahr, W. E.—10:00 Sat. II
Nagel, E.—10:00 Sat. IV	Spalding, J. H.—10:00 Mon. I
Nathan, O.—3:00 Fri. I	Stephan, F. F.—10:00 Sat. III
Notestein, F. W.—3:00 Fri. III	Stewart, S.—10:00 Fri. IV
Nourse, E. G.—3:00 Fri. II	Stouffer, S. A.—3:00 Fri. III
Ogburn, W. F.—3:00 Mon. I	Sydenstricker, E.—10:00 Mon. II
Ostrolenk, B.—10:00 Fri. I	Tebbutt, A. R.—3:00 Sat. II
Ottman, F. R.—3:00 Fri. I	Thomas, N.—10:00 Sat. I
Parry, C. E.—3:00 Mon. III	Thorp, W.—10:00 Fri. III
Pearson, F. A.—10:00 Tues. I	Titus, W. F.—10:00 Tues. II
Persons, W. F.—3:00 Sat. III	Toops, H. A.—3:00 Mon. II
Persons, W. M.—10:00 Mon. I	Tucker, R. S.—10:00 Sat. II
Peterson, A. G.—10:00 Tues. I	Vaile, R. S.—10:00 Fri. IV
Potter, M.—10:00 Mon. II	Viner, J.—10:00 Mon. I
Raymond, F. E.—10:00 Tues. II	von Szeliski, V. S.—3:00 Mon. IV
Reed, H. L.—3:00 Mon. III	Vreeland, W.—3:00 Mon. II
Rice, S. A.—12:30 Sat.	Walker, H. M.—3:00 Mon. II
Riddle, J. H.—10:00 Mon. III	Walker, Q. F.—3:00 Sat. I
Riefler, W. W.—10:00 Mon. III	Warren, G. F.—10:00 Tues. I
Robey, R. W.—6:30 Fri.	Whelpton, P. K.—10:00 Tues. III
Robinson, L. R.—3:00 Mon. III	White, R. C.—10:00 Fri. II
Roelse, H. V.—3:00 Fri. I	—10:00 Sat. III
Rogers, L.—8:00 Mon.	Wiehl, D. G.—10:00 Mon. II
Rorty, M. C.—3:00 Sat. I	Wilks, S. S.—10:00 Sat. IV
—12:30 Mon.	—3:00 Mon. IV
Ross, M.—3:00 Fri. III	Wilson, E. B.—12:45 Tues.
Rubinow, I. M.—3:00 Sat. III	Winant, J. G.—3:00 Sat. III
Rubman, F.—3:00 Sat. II	Witte, E. E.—12:30 Sat.
Sargent, N.—3:00 Mon. I	—3:00 Sat. III
Shapiro, S. S.—10:00 Tues. I	Wofsey, M. M.—10:00 Tues. I
Simons, H. C.—10:00 Mon. III	

REPORT OF THE NOMINATING COMMITTEE

The Committee on Nominations submits for consideration of the membership at the election to be held in New York City in December, 1935, the following candidates:

President: Joseph S. Davis
Horatio M. Pollock (Nominated by petition)

Vice-Presidents:

1. Collection and Classification of Data and Administration of Statistical Agencies
Morris A. Copeland
2. Statistical and Actuarial Methods and Technique, and the Teaching of Statistics
A. R. Crathorne
3. Facts and Methods Pertaining to Political Science, Sociology, Social Welfare Problems, and Vital Statistics
George E. Barnett
4. Facts and Methods Related to Anthropology, Biometry, Psychology and Education
H. A. Toops
5. Facts and Methods Bearing upon Economics and Economic Theory
Henry Schultz
6. Facts and Methods Pertaining Primarily to Business
F. Leslie Hayford
7. Facts and Methods Pertaining to Financial Institutions
Donald M. Marvin
8. Facts and Methods Pertaining to Marketing
Paul T. Cherington

Directors: (For the terms expiring at the close of the Annual Meeting in 1938.)

Willford I. King
H. L. Rietz

Secretary-Treasurer: Frederick F. Stephan

Editor of the Journal: Frederick F. Stephan

Article IX of the Constitution provides that "Twelve or more regular members or fellows may make nominations for any office by submitting signed petitions to the Nominating Committee at any time after the appointment of the Committee and up to the time of the Annual Meeting, but this shall not prevent the Committee from making additional nominations for the same office."

Warren M. Persons, *Chairman*
E. Dana Durand
Irving Fisher