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NEWSLETTER - OCTOBER 1975

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| October 1 - | The Point of Purchase Survey - Its Use in the CPI Revision (See September Newsletter for details.) |
| October 3 - | Ranking and Selection Procedures (See September Newsletter for details.) |
| October 8 - | The History and Future of Graphics in Statistics |
| November 3 - | Crop Forecasting Methodology |

COMPUTER TECHNOLOGY PROGRAM

Topic: The History and Future of Graphics in Statistics

Speakers: James R. Beniger and Dorothy L. Robyn, Graphic Social Reporting Project, Bureau of Social Science Research

Chair: Richard Taeuber, National Academy of Sciences

Since the earliest recorded history, visual and graphic representation has played an integral part in the human struggle to count, measure, analyze and ultimately to understand -- in a quantitative way -- the world around us. Mr. Beniger and Ms. Robyn will trace this development of quantitative and statistical graphics, from the first known time-series graph (10 Cent. AD) to recent developments in computer graphics, statistical analysis and social indicator reporting. Slides will include such famous "Firsts" as the first published graph of empirical data (Edmund Halley, 1701), The First Bar Graph, (William Playfair, 1786), and The First Published Weather Map (Elias Loomis, 1842). Recent developments discussed include Herman Chernoff's "Faces", John Tukey's Exploratory Data Analysis, the NBER "STARS" program, and the U.S. Census cross-classification mapping. This is essentially the same presentation that Mr. Beniger made at the Annual Meeting of the American Statistical Association in Atlanta last month. The graphic social reporting project is sponsored by the National Science Foundation (Grant No. GS-29115) to further the innovation and adoption of graphic techniques for Social Indicator Analysis and Communication; Albert D. Biderman is Principal Investigator.

When and Where: Wednesday, October 8, 1975, 12:30 to 2:00 P.M.
Bureau of Social Science Research, 1990 M St.N.W., Suite 700
Washington, D.C. 20036

AGRICULTURE STATISTICS PROGRAM

Topic: Crop Forecasting Methodology

Speakers: Robert L. Freie, Statistical Reporting Service, USDA
Wendell W. Wilson, Statistical Reporting Service, USDA

Chair: Fred A. Vogel, Statistical Reporting Service, USDA

The Statistical Reporting Service prepares monthly production forecasts of major grain crops during the growing season. Survey procedures and forecasting models will be described. Current research efforts to improve forecasting methods will also be discussed.

When and Where: Monday, November 3, 1975, 12:30 to 2:00 P.M.
George S. Boutwell Auditorium, 7th Floor
IRS Building, 1111 Constitution Avenue, N.W.
(There is a cafeteria on the 7th floor, close to the auditorium.)