

ICPSR
Inter-university Consortium for
Political and Social Research

Annual Report,
1976-1977

Inter-university Consortium for Political and Social Research

ICPSR 4006

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April 2004

*INTER-UNIVERSITY CONSORTIUM FOR
POLITICAL AND SOCIAL RESEARCH*

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**ANNUAL REPORT
1976—1977**

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INSTITUTE FOR SOCIAL RESEARCH
CENTER FOR POLITICAL STUDIES
THE UNIVERSITY OF MICHIGAN
BOX 1248
ANN ARBOR, MICHIGAN 48106

ICPSR

1962

1977

AN ORGANIZATION FOR COOPERATION BETWEEN
THE UNIVERSITY OF MICHIGAN THE INSTITUTE FOR SOCIAL RESEARCH
THE CENTER FOR POLITICAL STUDIES
AND
THE SOCIAL SCIENCE COMMUNITY

INTER-UNIVERSITY CONSORTIUM FOR POLITICAL AND SOCIAL RESEARCH

P.O. BOX 1248 • ANN ARBOR, MICHIGAN 48106 • AREA CODE 313, 764-2570 • CABLE: ICPSR

TO: THE COUNCIL OF THE INTER-UNIVERSITY CONSORTIUM FOR
POLITICAL AND SOCIAL RESEARCH

FROM: THE EXECUTIVE DIRECTOR AND STAFF OF THE INTER-UNIVERSITY
CONSORTIUM FOR POLITICAL AND SOCIAL RESEARCH

SUBJECT: ANNUAL REPORT FOR THE FIFTEENTH YEAR, 1976-1977

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FOR POLITICAL AND SOCIAL RESEARCH
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ANN ARBOR, MICHIGAN 48106

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ANNUAL REPORT 1976-1977

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ARCHIVAL ACTIVITIES

ARCHIVAL PROCESSING REPORT, 1976-1977

The data processing activities during 1976-1977 were highlighted by the preparation of the Center for Political Studies 1976 National Election Study and the addition of several datasets to major economic surveys and collections of demographic and social data. The results of the year's activities fall into three categories: maintenance of on-going collections, addition of datasets in major series, and acquisition of discrete new studies. Additional processing was also devoted to several studies already available in the archive.

Maintenance of On-Going Collections

County-level returns from the 1976 general elections in the United States were received from most states. In addition to the statistics of the votes cast for the offices of president, governor, United States Representative and Senator, these returns include the results of state-wide referenda and special elections to the U. S. House of Representatives. The processing of these returns was begun and returns from the remaining states were solicited. Processing of the roll call voting records for the Ninety-fourth Congress was completed, and these materials were added to the collection of data which begins with the First Congress. Preparation of roll call voting records for the First Session of the Ninety-fifth Congress was begun, utilizing a recently-developed data entry and processing system that will permit the Consortium staff to convert U. S. Congressional roll call responses into usable machine-readable form almost as rapidly as they are published in the daily Congressional Record. Using the same procedures, the voting records from the Thirtieth Regular Session of the United Nations General Assembly were completed as well.

The dataset containing biographical characteristics of members of Congress was updated to include Members elected to the Ninety-fifth Congress, and some revisions to the file were incorporated. An expanded version of the roster of Representatives and Senators was created which contains information on individuals' service in each Congress in which they were a member. This file contains information on service through the Ninety-fifth Congress.

The World Event Interaction Survey (WEIS) file was updated to include information for the period from January, 1969 to June, 1975. Data for Egypt were added to the Comparative Research on the Events of Nations (CREON) file, and a number of additional variables were also added to the basic record for each country in the dataset.

Additional Processing of Archival Holdings

A list of studies to which additional processing was devoted in the last year follows this report. A special effort was devoted to elevating to Class II status twenty-two surveys which extend two long series already in the archive. Twelve studies from the Surveys of Consumer Finances in the period 1960-1971 and ten surveys from the Detroit Area Studies (1960-1968, 1970) were processed as a unit using newly devised procedures.

Processing is nearing completion for an important series of comparative surveys conducted in Europe. This includes the first six of the Euro-Barometer surveys, conducted semi-annually to monitor popular attitudes and behavior in the ten nations that are members of the European Community. In addition, three earlier studies of the nations in the European Community, conducted in 1970, 1971, and 1973, also received further processing during the year.

Studies which were processed to Class I level during the year were Thomas Juster's Study of General Revenue Sharing; Cantril's cross-national study of Patterns of Human Concerns; and Heunks' *et al.*, three-wave panel study of the Dutch Elections, 1970-1973. Several studies were processed to the Class II level, and no further processing is anticipated. These include a large collection of cross-national surveys from the International Association for the Evaluation of Educational Achievement, containing over 270 individual datasets, and McKibbin's data on the Biographical Characteristics of Members of the United States Congress, 1789-1971.

Addition of Datasets in Major Series

The ICPSR holdings of 1970 Census materials were augmented by the acquisition of data from the Second and Third Counts for selected states and of several files of the Public Use Sample for 1970. A set of tapes recording data from the 1960 Census at the census tract level for the entire United States was also acquired, as were files from the 1975 and 1976 Annual Survey of Governments. The Bureau of the Census' Current Population Survey, November Voter Supplement File for 1974 was obtained, complementing a similar file prepared for November, 1972. Acquisition of another series from the Current Population Survey was begun in 1976-1977. Data files from the March Annual Demographic Survey have been obtained for the years 1968 to 1975, and it is anticipated that ICPSR will henceforth augment this collection annually.

Other Acquisitions

A data file containing information on churches and church membership in the United States, conducted in 1971 by the National Council of Churches of Christ in the U.S.A., was acquired. This dataset contains materials for

counties, states and SMSA's similar to that prepared in 1952 by NCCC and already resident in the archive. A collection of socioeconomic indicators recorded for functional urban regions in the United States (BEA regions) covering the years from 1820 to 1970, prepared initially by Sam Bass Warner, Jr., and Sylvia Fleisch, was also added to the archive. Roll call voting records for members of the Continental and Confederation Congress in the U. S. were converted to computer-readable form by the archive staff; the addition of these voting records extends the Consortium's collection of complete national legislative roll call voting materials back to 1775.

Two sets of county-level population estimates for the United States were also prepared by ICPSR staff and added to the archive. Included in these collections are estimates of eligible voters in 1972, and of population and components of population change from 1971 to 1974. Additional historical datasets acquired during the past year record the demographic characteristics of persons residing in Indiana in 1821 prepared by John Modell, as well as the urban composition of U. S. counties in 1850, originally collected by Maris Vinovskis.

Two associated datasets in the area of international relations were obtained from Bruce Russett and Elizabeth Hanson. The first deals with attitudes of U. S. business and military leaders toward American involvement in foreign affairs. The second contains data derived from a variety of sources including a content analysis of business and military journals and a time series of stock market behavior, war casualties and war related events for the Vietnam and Korean War periods. The archive obtained from Japan its first events data file produced outside of the United States which contains information on four Asian nations obtained from a content analysis of Asian newspapers. Another event file, produced by Edward Mickolus, contains data on international terrorism events. Three newly acquired datasets present aggregate data on nations. Data on world military expenditures and arms transfers from 1967 to 1975 consist of information on government military expenditures, numbers in the armed forces, GNP, population and arms transfer for some 132 nations. Ruth Sivard's World Military and Social Expenditures contains certain similar data, but also government expenditure in the areas of health, education and international peacekeeping. Information on world population from 1950 to 1975, originally prepared by the U. S. Department of Commerce, presents yearly population figures for countries of the world. Two cross-national datasets were acquired from large-scale comparative politics projects. These files are Kenneth Janda's Comparative Political Party Data covering 158 political parties in 53 countries for the period from 1950 to 1962, and Ted Gurr's Conflict and Society Data, containing 136 variables relating to domestic violence and national characteristics for 86 countries.

Other acquisitions included a second wave of the 1969 Australian Election Study, and the 1973 second wave of the Jennings' study of the socialization of American high school students. A 1975 survey of attitudes in the United States toward women and the women's movement conducted

for the International Women's Year Committee was also received. A dataset was obtained from the Commission on the Operation of the Senate which was used to analyze the daily operations of the chamber during 1975. New data are also available on Soviet elites, legal processes in American state courts, and a recent study of gambling in the United States. Several new surveys in the area of economics were added to the archival holdings, including studies of consumer debt and installment buying, the housing market, and philanthropy, as well as recent quarterly surveys of consumer attitudes and behavior.

Progress on Externally-Funded Projects

A substantial amount of data from the French national censuses of the late nineteenth and early twentieth centuries was prepared during the past year, under terms of a grant from the National Endowment for the Humanities. Contained in over fifty discrete datasets processed during the year is information from the population censuses of 1901-1921, vital statistics for the same period, data on primary education in the years 1901-1906, and material on higher and secondary education from 1865 to 1896. Approximately 800,000 card-image equivalents of data and documentation were prepared in this project during the past year. A grant received from the National Science Foundation will support the preparation of additional French historical materials over the next year; these include economic information from the reports on industrial activity and employment, published from 1840 to 1897. Data processed under both of these projects are being made available for general use through the ICPSR as they are prepared.

Processing activity was completed on a project supported by the National Science Foundation for the archiving and dissemination of biweekly telephone surveys of cross-sections of the American population relating to energy use and conservation. A total of forty-two surveys conducted for the Federal Energy Administration now comprise this collection.

Further delays in transmission of project data files extended the deadline for a project to archive specific urban service delivery datasets under a grant from the RANN division of the National Science Foundation. All data were finally received, and the processing will be completed during the next fiscal year.

Processing continued under a grant from the National Science Foundation to expand the survey holdings of the archive. These funds are being used to process several comparative surveys, including studies of Canadian, Australian, and Dutch electorates, as well as the areas of socialization and women's studies. The activity on this project will extend into the next fiscal year.

Microfiching of Codebooks

A proposed activity for implementation during 1977-1978 is the generation of all Class I documentation on microfiche. These microfiched materials will be made available to a secondary site within the library system or alternative location specified by the member institution. The Consortium staff anticipates that this activity will improve and broaden the access of Consortium documentation to individuals at member institutions.

Data Acquisitions and Processing, 1976-1977

Data Made Available in Class I Form:

Center for Political Studies, Institute for Social Research, University of Michigan; CPS 1976 American National Election Study. (ICPSR 7381)

Heunks, Felix, M. Kent Jennings, Warren E. Miller, Philip C. Stouthard, Jacques Thomassen; Dutch Election Study, 1970-1973. (ICPSR 7261)

Inter-University Consortium for Political and Social Research; Demographic, Social, Educational and Economic Data for France, 1833-1921. (ICPSR 7529)

Inter-University Consortium for Political and Social Research; United States Congressional Roll Call Voting Records, 1789-1976. (ICPSR 4)

Inter-University Consortium for Political and Social Research; United Nations Roll Call Data. (ICPSR 5512)

National Opinion Research Center; General Social Survey, 1976. (ICPSR 7398)

Rabier, Jacques-Rene, and Ronald Inglehart; Euro-Barometer 5: Revenues, Satisfaction, and Poverty, May 1976. (ICPSR 7418)

Rabier, Jacques-Rene, and Ronald Inglehart; Euro-Barometer 6: Twenty Years of the Common Market, October/November 1976. (ICPSR 7511)

Data Made Available in Class II Form:

Cannell, Charles, John Scott, and Donald Wolfe; 1965 Detroit Area Study: A Study of Placement of Events in Time. (ICPSR 7404)

Cole, Robert; 1970 Detroit Area Study: Careers in Detroit. (ICPSR 7408)

Economic Behavior Program; Survey of Consumer Finances, 1960. (ICPSR 7440)

Economic Behavior Program; Survey of Consumer Finances, 1961. (ICPSR 7441)

Economic Behavior Program; Survey of Consumer Finances, 1962. (ICPSR 7442)

Economic Behavior Program; Survey of Consumer Finances, 1963. (ICPSR 7443)

Economic Behavior Program; Survey of Consumer Finances, 1964. (ICPSR 7444)

Economic Behavior Program; Survey of Consumer Finances, 1965. (ICPSR 7445)

- Economic Behavior Program; Survey of Consumer Finances, 1966. (ICPSR 7446)
- Economic Behavior Program; Survey of Consumer Finances, 1967. (ICPSR 7447)
- Economic Behavior Program; Survey of Consumer Finances, 1968. (ICPSR 7448)
- Economic Behavior Program; Survey of Consumer Finances, 1969. (ICPSR 7449)
- Economic Behavior Program; Survey of Consumer Finances, 1970. (ICPSR 7450)
- Economic Behavior Program; Survey of Consumer Finances, 1971. (ICPSR 7451)
- Freedman, Ronald, and David Goldberg; 1962 Detroit Area Study: Family Growth in Detroit. (ICPSR 7401)
- Gastil, Raymond D.; The Comparative Study of Freedom. (ICPSR 7555)
- Hanson, Elizabeth C., and Bruce M. Russett; Economic Interpretations of American Intervention. (ICPSR 7382)
- Hefner, Robert, and Sheldon Levy; 1964 Detroit Area Study: The Measurement and Validation of International Attitudes. (ICPSR 7403)
- International Association for the Evaluation of Educational Achievement; The IEA Six-Subject Data Bank. (ICPSR 7370)
- Inter-University Consortium for Political and Social Research; Candidate Name and Constituency Totals, 1788-1976. (ICPSR 2)
- Inter-University Consortium for Political and Social Research; Estimates of Eligible Voters in Counties of the United States, 1972. (ICPSR 7528)
- Inter-University Consortium for Political and Social Research; General Election Data for the United States, 1968-1976. (ICPSR 13)
- Inter-University Consortium for Political and Social Research; Historical Election Returns, 1788-1976. (ICPSR 1)
- Inter-University Consortium for Political and Social Research; Population Estimates of Counties in the United States, 1971-1974. (ICPSR 7500)
- Inter-University Consortium for Political and Social Research; Roster of Congressional Officeholders, 1789-1977. (ICPSR 7557)
- Kurokawa, Shiji, and Takashi Ovama, Institute for Future Technology; Content Analyses of Asian Newspapers. (ICPSR 7489)
- Laumann, Edward O.; 1966 Detroit Area Study: Stratified Association and Values in the Urban Community. (ICPSR 1705)
- Litwak, Eugene, and Henry Meyer; 1963 Detroit Area Study: A Study of Family-School Relationships in Detroit. (ICPSR 7402)

- Lord, Clifford; The Roll Calls of the Continental Congresses and the Congresses of the Confederation, 1777-1789. (ICPSR 7537)
- McClelland, Charles; World Event/Interaction Survey (WEIS) Project. (ICPSR 5211)
- McKibben, Carroll L.; Biographical Characteristics of Members of the United States Congress, 1789-1977. (ICPSR 7428)
- Mayhew, Leon, and A.J. Reiss, Jr.; 1967 Detroit Area Study: Citizens in Search of Justice. (ICPSR 7406)
- Mickolus, Edward F.; International Terrorism: Attributes of Terrorist Events Data. (ICPSR 7486)
- Miller, Warren, and Donald Stokes; 1961 Detroit Area Study: Work Group Influence and Political Participation. (ICPSR 7285)
- Modell, John; Demography in Frontier Indiana, 1820. (ICPSR 7504)
- National Council of Churches of Christ in the U.S.A.; Survey of Church Membership, 1971. (ICPSR 7520)
- Russett, Bruce M., and Elizabeth C. Hanson; Foreign Affairs Perspectives of U.S. Business and Military Elites. (ICPSR 7491)
- Schuman, Howard; 1968 Detroit Area Study: Black Attitudes in Detroit (ICPSR 7324)
- Sivard, Ruth Leger; World Military and Social Expenditures, 1976. (ICPSR 7499)
- United States Arms Control and Disarmament Agency; World Military Expenditures and Arms Transfers, 1966-1975. (ICPSR 7553)
- United States Bureau of the Census; Current Population Survey Voter Supplement File for 1974. (ICPSR 7558)
- United States Bureau of the Census; Selected County-Level Variables from the Fourth Count 1970 U.S. Census of Population and Housing. (ICPSR 7507)
- United States Department of Commerce (International Statistical Program Center); World Population, 1950-1975. (ICPSR 7493)
- Vinovskis, Maris; Urban Composition of United States Counties, 1850. (ICPSR 7455)
- Warner, Sam Bass, Jr., and Sylvia Fleisch; Socioeconomic Indicators for Functional Urban Regions in the United States, 1820-1970. (ICPSR 7509)

Wilensky, Harold L.; 1960 Detroit Area Study: Labor and Leisure in the Urban Community; A Study of Social Order and Social Change. (ICPSR 7399)

Data Made Available in Class IV Form:

Butterworth, Robert L.; Interstate Security Conflicts, 1945-1974. (ICPSR 7536)

Commission on the Operation of the Senate; Daily Operation of the United States Senate, 1975. (ICPSR 7512)

Davis, James A., James S. Coleman, Norman H. Nie, John Riley, and Christopher Jencks; NORC Amalgam Survey, December 1973. (ICPSR 7556)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Spring 1973. (ICPSR 7475)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Summer 1973. (ICPSR 7476)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Fall 1973. (ICPSR 7525)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Winter 1973. (ICPSR 7473)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Spring 1974. (ICPSR 7523)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Summer 1974. (ICPSR 7478)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Fall 1974. (ICPSR 7524)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Winter 1974. (ICPSR 7477)

Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Spring 1975. (ICPSR 7480)

- Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Summer 1975. (ICPSR 7481)
- Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Fall 1975. (ICPSR 7482)
- Economic Behavior Program, Survey Research Center, University of Michigan; Survey of Consumer Attitudes and Behavior, Winter 1975. (ICPSR 7479)
- Gurr, Ted Robert, and Robin Gilles; Conflict and Society. (ICPSR 7452)
- Hendricks, Gary, and Kenwood C. Youmans; Consumer Durables and Installment Debt: A Study of American Households. (ICPSR 7497)
- Inter-University Consortium for Political and Social Research; Referenda and Primary Election Materials. (ICPSR 6) [Updated]
- Janda, Kenneth; Comparative Political Parties Data. (ICPSR 7534)
- Kallick, Maureen, Daniel Suits, Theodore Dielman, and Judith Hybels; Gambling in the United States. (ICPSR 7495)
- Kovenock, David M., and James W. Prothro; The Comparative State Elections Project. (ICPSR 7508)
- Lansing, John B., Charles Wade Clifton, and James N. Morgan; New Homes and Poor People. (ICPSR 7492)
- Lodge, Milton; Soviet Elites in the Post-Stalin Period. (ICPSR 7521)
- Market Opinion Research; National Women's Study, 1975. (ICPSR 7532)
- Morgan, James N.; A National Study of Philanthropy. (ICPSR 7496)
- Nagel, Stuart S.; Search and Seizure Data. (ICPSR 7539)
- Nagel, Stuart S., and Anthony Champagne; Legal Representation Data. (ICPSR 7540)
- Nagel, Stuart S., Thomas Eimermann, and Kathleen Reinbolt; Free Press, Fair Trial Data. (ICPSR 7541)
- Nagel, Stuart S., Paul Wice, and Marian Neef; Pretrial Release Data. (ICPSR 7538)
- United States Bureau of the Census; Census Tract-Level Data, 1960. (ICPSR 7552)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1968. (ICPSR 7559)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1969. (ICPSR 7560)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1970. (ICPSR 7561)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1971. (ICPSR 7562)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1972. (ICPSR 7563)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1973. (ICPSR 7564)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1974. (ICPSR 7565)

United States Bureau of the Census; Current Population Survey Annual Demographic File for 1975. (ICPSR 7566)

ICPSR Instructional Subsets

Blumenthal, Monica, Robert L. Kahn, and Frank M. Andrews; ICPSR Instructional Subset: Justifying Violence--Attitudes of American Men. (ICPSR 7517)

Campbell, Angus, Philip E. Converse, and Willard L. Rodgers; ICPSR Instructional Subset: The Quality of American Life. (ICPSR 7516)

Chicago Council on Foreign Relations; ICPSR Instructional Subset: American Public Opinion and U.S. Foreign Policy, 1975. (ICPSR 7518)

Chicago Council on Foreign Relations; ICPSR Instructional Subset: American Leadership Opinion and U.S. Foreign Policy, 1975. (ICPSR 7519)

National Opinion Research Center; ICPSR Instructional Subset: 1975 General Social Survey. (ICPSR 7527)

Urban Observatory Program (National League of Cities); ICPSR Instructional Subset: Citizen Attitudes Toward Local Government. (ICPSR 7522)

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

The following pages list all data requests answered by the ICPSR archive for the fiscal year July 1, 1976 to June 30, 1977. Summary figures for the period are presented below.

Three hundred and seven different institutions, organizations, or individuals requested 6,772 datasets totaling 120,457,248 card images. The total for fiscal year 1975-76 was 103,443,354 card images. The increase between the two years was sixteen percent. There has been a 170 percent increase in card-image distribution over the five-year period 1972 to 1977.

Services were provided to 168 individuals who were not affiliated with institutions or organizations which are members of the Consortium. Of the nonmembers, 59 received SETUPS material under the distribution arrangement with APSA. Total SETUPS card images (1,300,000) represent about one percent of the total card images (120 million) distributed. Of the remaining 109 nonmember requests, eighty-five received only textual material in the form of xeroxed materials and codebooks at established prices. The remaining twenty-five received machine-readable data for analysis, totaling about 4,200,000 card images (3.5 percent of total), at charges established for nonmember services.

Nonmembers requesting data services from the archive pay an amount equal to the cost of generating the material, plus an added increment to compensate for administrative and development costs borne by member institutions.

NOTE: Requests for datasets with zero card-images indicate textual material sent.

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Aarhus, University of	1	0
*ABT Associates, Inc., Boston, Mass.	3	683,428
Akron, University of	3	56,469
Alberta, University of	31	159,364
Allegheny College	11	54,760
*American Council of Life Insurance, New York	1	0
*Ambassador Book Service, Westbury, N.J.	4	0
*American Political Science Association	1	0
American University	42	3,332,744
Arizona State University	2	0
Arizona, University of	99	774,214
*Arthur D. Little Corp., Cambridge, Mass	1	0
Associated Colleges of the Midwest	29	258,907
*Associated Consultants, Chicago, Ill.	1	0
Australian Consortium for Social and Political Research, Inc.	40	761,155
*B.H. Blackwell Ltd. Booksellers, Long Island City, N.Y.	2	0
*Bacon Pamphlet Service, East Ghatham, N.Y.	1	0
*Baker & Taylor Companies, Somerville, N.J.	1	0
*Ballen Booksellers International, Commack, Long Island, N.Y.	1	0

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
*Baylor University	1	0
*BDM Corporation, Vienna, Virginia	1	0
*Bedford Stuyvesant Research Corp., Brooklyn, N.Y.	1	0
*Behavioral Research Institute, Boulder, Colo.	1	17,787
Belgian Archives	3	87,515
*Blackwell North America, Inc., Blackwood, N.J. & Beaverton, Ore.	8	0
*Boston College	1	0
*Boston University	2	280
Bowling Green State University	16	740,781
*Bridgeport, University of	1	0
*Brigham Young University	1	2,973
British Columbia, University of	44	1,491,882
British National Federation	221	1,686,605
Brown University	22	131,337
*Bulk, Jac D., Middleton, Wisc.	1	0
California Institute of Technology	12	181,122
California State University and Colleges	58	801,991
California, University of, at Berkeley	55	454,540
California, University of, at Davis	3	1,073
California, University of, at Los Angeles	74	1,200,614
California, University of, at Santa Barbara	5	60,928

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Carleton University	41	319,146
Case Western Reserve University	28	551,110
*CBS News, New York, N.Y.	2	0
*Center for Libertarian Studies	1	0
*Center for Policy Research, Inc., New York, N.Y.	1	0
*Central Intelligence Agency	14	80,357
Central Michigan University	16	487,994
*Central State College, Oklahoma	1	0
*Cheyney State College	3	30,684
Chicago, University of	88	6,192,127
Cincinnati, University of	49	940,347
*Citibank North America, New York, N.Y.	16	0
*City University of New York, Brooklyn College	2	0
City University of New York, Hunter College	12	65,713
*City University of New York, Queens College	1	0
Claremont Colleges, The	43	877,140
*Clarkson College of Technology	3	25,432
Cleveland State University	49	854,375
Columbia University	93	7,388,186
*Concordia University	1	0
Connecticut, University of	151	3,856,148

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Cornell University	47	1,294,629
*Coutts Library Services, Lewiston, N.Y.	1	0
Dartmouth College	3	32,138
Delaware, University of	44	414,229
Denison University	12	84,683
Denver, University of	88	703,810
Duke University	17	142,655
Dutch National Membership	4	163,166
*Earlham College	1	0
East Texas State University	2	57,336
Eastern Kentucky University	1	0
*Eastern Michigan University	1	0
*Emery-Pratt Company, Owosso, Mich.	3	0
Emory University	3	57,656
*Federal Reserve Bank of Cleveland	1	0
Florida Consortium for Political Research	114	1,422,983
*Fordham University	1	0
*Franklin and Marshall College	1	49,802
Geneva, University of	1	0
George Washington University	3	32,022
Georgia Institute of Technology	1	0
Georgia State University	43	717,311
Georgia, University of	20	251,811

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
German National Federation	75	1,338,533
*GTE Sylvania, Massachusetts	1	0
Harvard University	75	1,231,363
*Haverford College	1	0
*Hebrew University	1	0
*Holmes Junior College	1	0
Houston, University of	8	64,756
*Huntington's Book Store, Hartford, Conn.	1	0
Idaho State University	17	64,257
*Illinois Department of Business and Economic Development	2	0
Illinois State Colleges and Universities	62	1,794,476
Illinois, University of, Chicago Circle	11	248,721
Illinois, University of, at Urbana	88	1,527,681
Indiana University	16	191,300
*Indiana University of Pennsylvania	12	63,554
*Institute for Future Technology, Japan	1	0
*Institute for Statistical Mathematics, Japan	1	28,132
*Iowa Book and Supply Company	1	0
Iowa State University	9	1,069,556
Iowa, University of	20	145,077
Johns Hopkins University	43	2,801,782

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Kansas State University	13	121,285
Kansas, University of	29	819,393
*Kean College of New Jersey	1	0
*Kent State University	1	0
Kentucky, University of	50	1,926,688
*Key Book Service, Inc., Bridgeport, Conn.	2	0
*Kirkland College	2	0
Lehigh University	19	442,927
*Library of Congress	4	0
*Louisiana State University, Alexandria	1	0
Louisiana State University	32	765,330
Louisville, University of	2	0
*Maine, University of, at Fort Lewis	1	0
Manitoba, University of	43	381,464
*Mankato State University	8	18,394
*Markle Foundation	1	0
Maryland, University of	36	542,584
Massachusetts Federation	22	266,766
Massachusetts Institute of Technology	2	49,802
McGill University	17	119,277
*McGill's Authorised News Agency, Melbourne, Australia	1	0
McMaster University	6	58,479
*McNeese State University	1	0
Memorial University of Newfoundland	11	104,140

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
*Mendez, Gustavo, Venezuela	1	0
*Michigan Department of State Highways	1	0
Michigan State University	8	562,092
Michigan, University of	116	2,305,884
*Midwest Library Service	2	0
Minnesota, University of	36	186,021
Mississippi State University	44	710,705
*Mississippi, University of	1	0
*Missouri, State of	1	0
Missouri, University of, at Columbia	33	309,765
Missouri, University of, at Kansas City	1	37,318
Missouri, University of, at St. Louis	9	73,644
*Moody, Linda	1	0
*Murray State University	1	0
*National Endowment for the Humanities	1	0
*National Archives, The	1	0
*National Bureau of Economic Research	1	0
*National Institute of Education	1	0
*National War College	1	0
Naval Postgraduate School	25	270,825
Nebraska, University of	21	445,871
*Nelson, Candice J., Santa Monica, Calif.	1	0
*New England Book Service, Charlotte, Vt.	1	0

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
New Mexico, University of	17	464,301
New Orleans, University of	20	284,799
New York University	24	411,252
North Carolina, University of	57	838,011
*North Carolina, University of, at Greensboro	1	0
North Texas State University	21	256,828
*Northern Colorado, University of	1	0
Northern Illinois University	68	3,886,566
Northwestern University	17	248,020
Norwegian Social Science Data Services	1	4,096
Notre Dame, University of	20	588,210
Oberlin College	1	14,021
*Occidental College	1	0
Ohio State University	74	801,872
Ohio Wesleyan University	55	887,727
Oklahoma, University of	32	268,149
Old Dominion University	47	908,291
*Ottawa University, Kansas	2	125,790
*Paradise Bookshop, Naperville, Ill.	1	0
Pennsylvania State University	23	1,403,318
Pennsylvania, University of	8	571,626
*Pergamon Press, Inc., Elmsford, N.Y.	1	0
Pittsburgh, University of	34	1,849,099

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Princeton University	47	298,707
Purdue University	53	1,326,163
*Queens, University of, Belfast	1	0
Queens University, Canada	34	296,008
*Radcliffe College	1	0
*Rand Corporation	3	0
*Rhode Island College	1	0
Rice University	152	2,129,758
Rochester, University of	17	1,535,391
Rutgers University	19	1,054,100
*Scholarly Book Center, Waukegan, Ill.	1	0
*Secret, Philip, Papillion, Neb.	1	0
*Seibundo Book Store Ltd., Chiyodaku, Tokyo	1	0
*Select Press Book Service, Milford, N.H.	3	0
*Shippensburg State College	2	0
*Siler's, Inc.	1	0
*Smith, M.C., Augusta, Ga.	1	0
*Social Science Research Council	1	0
*Social Security Administration	1	0
Sophia University	6	27,383
South Carolina, University of	41	305,649
*Southeastern Michigan Council of Governments	1	10,856

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Southern California, University of	173	635,663
Southern Illinois University, Carbondale	48	527,391
Southern Illinois University, Edwardsville	19	325,268
*St. Peter's College	1	0
Stanford University	91	2,319,019
State University of New York Social Data Network	141	2,708,873
*State University of New York at Stony Brook	1	0
Swedish National Membership	64	583,527
Tel-Aviv University	3	13,696
Temple University	293	2,502,320
Tennessee, University of	22	333,791
*Texas A&I University, Corpus Christie	1	9,618
*Texas A&M University	1	0
Texas, University of, at Arlington	11	126,564
*Texas, University of, at Dallas	2	12,507
Texas, University of, at Austin	29	534,440
*Thompson, Betty, Dallas, Tex.	1	0
*Toledo, University of	3	2,948
*Trinity College - Dublin	1	0
*Tufts University	1	0
Tulane University	37	536,792
*Tulsa Junior College	1	1,080

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
*U.S. Air Force Academy	1	0
*U.S. Department of Justice	1	0
*U.S. Department of Labor	2	2,562,076
*U.S. Department of the Interior	6	250,943
Union College	5	85,071
Utah, University of	3	54,278
*Uttmark, Geoffrey, Glen Riddle, Penn.	2	0
*Van Stockum, W.P., The Hague, The Netherlands	1	0
Vanderbilt University	13	84,869
Vermont, University of	89	714,823
Virginia Polytechnic Institute	47	1,003,162
Virginia State College	155	832,936
Virginia, University of	17	750,070
Washington State University	28	251,964
Washington University	47	3,202,548
Washington, University of	50	1,037,932
*Waterloo, University of	3	0
Wayne State University	50	414,904
Wesleyan University	6	121,102
*West Virginia, University of	2	47,975
Western Kentucky University	2	0
Western Michigan University	7	93,076
Western Ontario, University of	35	607,398

*ICPSR non-member

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

<u>Recipients</u>	<u>Number of Datasets</u>	<u>Number of Card Images</u>
Wichita State University	29	405,760
*Williams College	21	111,328
Windsor, University of	44	630,534
*Wisconsin, University of, at Eau Claire	2	1,162
Wisconsin, University of, at Milwaukee	73	2,159,521
Wisconsin, University of, at Madison	240	4,104,920
*World Peace Foundation	1	0
*Wyoming, University of	3	27,549
Xavier University	31	584,696
Yale University	86	5,292,120
*Yankee Book Peddler, Contoocook, N.H.	2	0
*Yellow Springs Schools	1	0
*York College of Pennsylvania	1	0
York University	26	584,880
*Youngstown State University	1	0
ARCHIVAL TOTAL: 257	5,882	119,108,386
SETUPS TOTAL: **	890	1,348,862
TOTAL: 307	6,772	120,457,248

*ICPSR non-member

**There were 98 recipients of SETUPS material. Thirty-nine are members that received archival data as well. Fifty-nine non-members received SETUPS material only. See pp. 31-40 for the distribution of SETUPS.

ICPSR DATA SERVICES PROVIDED

July 1, 1976 to June 30, 1977

TOTAL MEMBER DATA SERVICES PROVIDED:

Archival Data	114,943,731
SETUPS Data	<u>746,597</u>
	115,690,328

TOTAL NON-MEMBER DATA SERVICES PROVIDED:

Archival Data	4,164,655
SETUPS Data	<u>602,265</u>
	4,766,920

TOTAL DATA SERVICES PROVIDED:

Archival Data	119,108,386
SETSUPS Data	<u>1,348,862</u>
	120,457,248

Three hundred and seven different requestors (141 members, 168 non-members) received 6,772 datasets totaling 120,457,248 card images.

FIVE-YEAR DATA SERVICING SUMMARY:

1972-73 to 1976-77

<u>Fiscal Year</u>	<u>Card Images</u>	<u>Data Sets</u>
1976-77	120,457,248	6,772
1975-76	103,443,394	8,901
1974-75	65,395,341	4,874
1973-74	64,193,316	4,608
1972-73	44,576,306	3,889

% Change 1975-76 to 1976-77	16.4	-23.9
% Change 1972-73 to 1976-77	170.2	128.8

SETUPS DISTRIBUTION: AMERICAN POLITICS SERIES

<u>Institution</u>	<u>Number of Card Images</u>
Acadia University	14,819
Alaska, University of, at Fairbanks	14,819
Alfred University	1,125
American Political Science Association	2,065
Arizona, University of	16,882
Arkansas State University	14,819
Australian Consortium for Social and Political Research	14,819
Bennett College	2,065
British National Federation	26,071
California State University and Colleges	2,065
Catawaba College	2,065
Central State University, Ohio	13,414
Chicago, University of	14,819
Connecticut College	1,993
Connecticut, University of	2,063
City University of New York, Brooklyn College	2,065
City University of New York, Herbert H. Lehmann College	2,065
Davidson College	13,414
Dayton, University of	13,414
Denver, University of	14,819
DePaul University	2,065
Dutch National Membership	14,819
East Texas State University	13,414

SETUPS DISTRIBUTION: AMERICAN POLITICS SERIES

<u>Institution</u>	<u>Number of Card Images</u>
Fairfield University	2,124
Georgia Institute of Technology	2,065
Georgia Southern College	16,884
Houghton College	10,190
Houston, University of	2,065
Idaho State University	14,819
Illinois, University of, Chicago Circle	2,065
Illinois, University of, Carbondale	2,065
Indiana University-Purdue University, Indianapolis	2,065
Indiana University Northwest	4,559
Indiana University	2,065
Iowa, University of	14,819
Kansas, University of	5,948
Lamar University	14,819
Loyola Marymount University	14,819
McGill University	14,819
McNeese State University	14,819
Mississippi State University	14,819
New Hampshire, University of	14,819
New Orleans, University of	14,819
Norfolk State College	2,065
North Carolina, University of, at Greensboro	14,819
North Dakota, University of	1,735
Oberlin College	14,819

SETUPS DISTRIBUTION: AMERICAN POLITICS SERIES

<u>Institution</u>	<u>Number of Card Images</u>
Ohio Wesleyan University	27,435
Oregon, University of	14,819
Pennsylvania State University	14,819
Rhode Island, University of	2,065
Rutgers University	2,942
South Carolina, University of, Aiken	1,131
South Dakota State University	2,201
Southwestern Louisiana, University of	16,882
St. Francis College, Pennsylvania	4,190
State University College, New Paltz	14,819
Syracuse University	14,819
Tennessee, University of, at Nashville	13,414
Tennessee, University of	13,938
Texas A&M University	2,065
Texas, University of, at Arlington	14,819
U.S. Coast Guard Academy	14,819
U.S. Naval Academy	13,414
Utah State University	14,819
Waldorf College	2,065
Waubonsee Community College	13,414
West Virginia, University of	14,819
Windsor, University of	14,819
Winona State University	14,819

SETUPS DISTRIBUTION: AMERICAN POLITICS SERIES

<u>Institution</u>	<u>Number of Card Images</u>
Wisconsin, University of, at Milwaukee	2,065
Wisconsin, University of, at Oshkosh	2,065
Wisconsin, University of, at River Falls	<u>2,065</u>
TOTAL = 73	708,423

SETUPS: American Politics
Series Editor: William Buchanan

Project Director: Lutz Erbring, ICPSR
Sheilah Koeppen, APSA

Workshop Directors: William Buchanan
Betty Nesvold

<u>Title</u>	<u>Authors</u>	<u>Data Bases</u>
Voting Behavior The 1972 Election	Bruce Bowen, Arizona State C. Anthony Broh, Hobart and William Smith Charles Prysby, North Carolina, Greensboro	1972 Presidential Election Study, (a) n=1,372 75 var. (b) n=2,705 128 var.
Political Social- ization Across the Generations	Paul Beck, Pittsburgh Jere W. Bruner, Oberlin Douglas Dobson, Northern Illinois	M. Kent Jennings, Socializati: panel study, 1965 and 1973 n=1,062 139 variables
Political Participation	Christopher Arterton, Mass. Inst. of Technology Harlan Hahn, Southern California	Verba-Nie Participation Study, 1972 n=1,558 66 variables
Representation in the U.S. Congress, 1973	Ray Geigle, California- Bakersfield Peter Hartjens, Franklin and Marshall	Original data set n=535 39 variables
The Supreme Court in American Politics: Policy through Law	John Ryan, Vassar Neal Tate, North Texas State	(a) Schubert judicial decisions set, Schmedhauser judicial backgrounds n=1,992 34 var. (b) Wald-interrogation data n=127 25 variables
U.S. Energy, Environment and Economic Problems: A Public Policy Simulation	Barry Hughes, Case Western Reserve	Original simulation model n=31
The Dynamics of Political Budgeting: A Public Policy Simulation	Marvin Hoffman, Appalachian State	Dye, Hofferbert, Sharkansky n=50 45 variables

SETUPS DISTRIBUTION: CROSS-NATIONAL AND WORLD POLITICS

<u>Institution</u>	<u>Number of Card Images</u>
Acadia University	22,254
American Political Science Association	22,254
American University	30,205
Augsburg College	21,105
Australian Consortium for Social and Political Research	22,254
British National Federation	22,268
California, University of, at Los Angeles	35,601
Central Missouri State University	324
Drew University	8,580
Dutch National Membership	22,254
Eastern Michigan University	7,951
Idaho State University	13,482
Illinois, University of, at Urbana	22,254
Iowa, University of	22,254
Juniata College	3,600
Kansas, University of	22,254
Kentucky State University	831
Kirkland College	8,778
Kuwait University	8,976
Michigan State University	22,254
Mississippi State University	22,254
Norfolk State College	2,618
North Carolina Educational Computer Service	8,772

SETUPS DISTRIBUTION: CROSS-NATIONAL AND WORLD POLITICS

<u>Institution</u>	<u>Number of Card Images</u>
Northern Illinois University	22,254
Northwestern University	22,254
Ohio Wesleyan University	22,254
Pacific, College of the	22,254
Pittsburgh, University of	22,254
Southwest Missouri State University	22,254
State University of New York Social Data Network	31,040
Texas, University of, at Arlington	22,254
Toledo, University of	22,254
U.S. Air Force Academy	13,482
William and Mary, College of	22,254
Windsor, University of	<u>22,254</u>
 TOTAL = 35	 640,439

SETUPS: Cross-National and World Politics
Series Editors: Catherine Kelleher and Betty Nesvold

Project Director: Sheilah Koeppen, APSA

Program Director: Catherine M. Kelleher, ICPSR

Senior Consultants: William Buchanan and Betty Nesvold

<u>Title</u>	<u>Authors</u>	<u>Data Bases</u>
Comparative Voting Behavior	Herbert Asher and Bradley Richardson, Ohio State	Electoral surveys, US, UK, Germany and Norway
Studying Voting Behavior Over Time and Across Nations	William Klecka, Cincinnati	Electoral surveys US ('54-'72), UK ('64-'70) and Germany ('54-'72)
The Budgetary Process in Cross National Perspective	John Campbell and John Echols, Michigan	Budgetary data from ACDA, Pryor, Wilensky
Conflict in the Middle East: A Public Policy Simulation	Karen Feste, Denver	World Handbook II data, Blechman event data
Political Values: Change and Continuity	Charles Taylor, Virginia Polytechnic Institute	Inglehart-Rabier 1971 and 1973
Comparative Political Culture	Jay Stevens, California-Long Beach; Ndiva Koffele-Kale, Governors' State	Almond-Verba Civic Culture, Koffele-Kale Cameroon replication
Dimensions of Domestic Violence	Roger Harrel, California-Northridge; Terry Dungworth, Michigan State	Nesvold-Feierabend SCOPA files for Europe (Western and Eastern) and Latin America
Comparative Political Parties	Robert Harmel with Kenneth Janda, Northwestern	Janda party data
Comparative Legislative Behavior	Lee Fennel, University of the Pacific; James Dyer, Texas A&M	Aggregate data from World Handbook II; constituency and roll call data from US, UK and France (Campbell & Miller, Hofferbert, Converse & Pierce)
Political Modernization	Don Borock, Gettysburg	World Handbook II

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1976

The bibliography represents publications, professional papers, and articles found in various social science journals whose authors indicated that they had relied in whole or in part upon data supplied by the Inter-university Consortium for Political and Social Research. Many authors continue to omit any citation of the data used in their work and/or neglect to inform the Consortium of their published materials. Therefore, this bibliography underreports utilization of ICPSR data and should only be viewed as a partial statement of the impact of the archive on social science research.

1976

Books and monographs	=	19
Professional papers	=	15
Dissertations	=	13
Articles	=	74
Chapters	=	6

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EXTERNAL FUNDING FOR THE DEVELOPMENT OF ICPSR DATA RESOURCES

On the following pages are summaries of project proposals for the development of ICPSR data resources. The proposals describe projects which received external funding and which were in progress during fiscal year 1976-1977. Descriptions of these projects appeared in the 1975-1976 Annual Report.

Title: Automation of the Statistical Sources of French History:
The Statistique Generale de la France.
Source: National Endowment for the Humanities
Grant Number: RC-22826-76-118
Duration: August 1, 1975 - October 31, 1977
Amount: \$150,000

Title: Automation of the Statistical Sources of French History:
The Statistique Generale de la France.
Source: National Science Foundation
Grant Number: SOC76-2228
Duration: October 15, 1976 - October 14, 1978
Amount: \$59,400

Title: Data Resources for the Evaluation of Public Attitudes and
Responses to Federal Energy Policy.
Source: National Science Foundation
Grant Number: NSF-SOC75-20938
Duration: November 15, 1975 - May 15, 1977
Amount: \$19,800

Title: Development of the Data Resources of the Inter-university
Consortium for Political and Social Research.
Source: National Science Foundation
Grant Number: NSF SOC75-17915
Duration: February 1, 1976 - January 31, 1978
Amount: \$104,200

Title: Development and Utilization of Urban Information Resources.
Source: National Science Foundation - RANN
Grant Number: NSF APR75-01320
Duration: October 15, 1974 - November 30, 1976
Amount: \$276,400

PROJECTS FUNDED FOR IMPLEMENTATION IN 1977-1978

Descriptions of externally funded projects which will be implemented during 1977-1978 are presented on the following pages.

Title: Technical Support and Training Activities Related to a
National Criminal Justice Data Archive
Source: Law Enforcement Assistance Administration
Grant Number: 77SS-99-6020
Duration: September 30, 1977 - December 29, 1978
Amount: \$372,295

Title: Data Archiving, Training, and Consultation Services in
the Field of Aging
Source: Department of Health, Education and Welfare, Administration
on Aging
Grant Number: 90-A-1279(01)
Duration: October 1, 1977 - September 30, 1979
Amount: \$152,000

Title: Macro-Economic Time Series for the United States, France,
Germany and the United Kingdom
Source: National Science Foundation
Grant Number: SOC77-16045
Duration: October 1, 1977 - September 30, 1979
Amount: \$131,200

External Funding for Data Resources

Technical Support and Training Activities Related to a
National Criminal Justice Data Archive

A Project Supported by the
Law Enforcement Assistance Administration

This proposal requests support for a project to assist the Statistical Division of the National Criminal Justice Information and Statistics Service at the Law Enforcement Assistance Administration (LEAA) in the development of a data archive and associated support facilities. An integrated program of resource development will be used to stimulate the extended analysis of a wide variety of computer-readable data files relating to crime, criminal justice, and their impact on society. The program will incorporate elements designed to assist the entire community of potential users of such services, including public policymakers and administrators at all levels of government, professionals in the field of criminal justice and law enforcement, analysts at public and private research centers, and academic researchers at colleges and universities throughout the United States. The project will utilize the technical skills and facilities of the staff of the Inter-university Consortium for Political and Social Research (ICPSR) at the Center for Political Studies of the University of Michigan, and its well-developed techniques and network for data dissemination.

The project will involve three highly related tasks: the archiving and dissemination of three collections of relevant machine-readable data, the provision of a wide variety of technical assistance and support services related to the use of the archived data, and a program designed to familiarize a variety of audiences with the potential for analytical use of the available materials.

The center of the project, and the initial task, is the archiving and dissemination of available data resources to as wide a range of users as possible. The National Crime Surveys, as well as other criminal data collections, will be processed, documented, and disseminated. The observations and commentary of the Panel for the Evaluation of Crime Surveys of the National Academy of Science can be generalized to this entire set of extant computer-readable data files in the area and not just the National Crime Surveys (NCS). The Panel found that a major shift of resources to analytical and methodological research is essential in order to be able to extract from these complex and expensive data collections information which is more useful to policymakers than simple distributions of the occurrence of various types of crimes.

External Funding for Data Resources

Some data have never been extensively analyzed but rather used simply to describe an occurrence of a social phenomenon with no attempt to explain it. In some cases, this form of presentation has raised a corollary series of research questions which have not been systematically addressed because the data formats and documentation were too intractable to support further analysis. Other data have undergone relatively rigorous analysis once, but have not been made generally available to facilitate replication of the original study. Because of the very significance of the attempts of policymakers to formulate their policies on the basis of the best available information, this process of replication and verification of research findings must be continuous.

It is equally important to note that no dataset is ever completely analyzed or subjected to all possible analysis by the original investigators or research team. And beyond the original research design or analytical intent, there are always interested researchers or policymakers who, having a hypothesis in mind, require an appropriate data base in which to test it. Again using the National Crime Surveys as an example, the national and regional time series of victimization rates represent an important social indicator of the quality of contemporary American life. Fortunately victimization in the aggregated sense of rates is a rare occurrence in our society; but very little work has been done to look beyond the basic calculations of rates to look at the characteristics of victims, especially those who suffer serial victimizations. The particular problems of the elderly have not been investigated, nor the problems of interpersonal violence in the home. All of these problems and many others with a direct substantive significance to society would certainly warrant further investigation if the data were made widely available in an easily usable condition. There are also a wide range of methodological questions which can only be investigated with a large and complex data base such as provided by the NCS data, including problems of telescoping and decay, biases in the misreporting of facts, and other topics relating to the general improvement of the measurement and reporting of these kind of data.

Particularly for public policymakers and professionals in the criminal justice and law enforcement fields, the simple provision of technically clean, well documented data will not suffice to stimulate and encourage use. As a result, the project will include a second task to provide a variety of technical assistance and support activities necessary to foster use by any interested individual, including those with limited computer resources. Modification will be made to existing software to facilitate easy and straightforward access to even the most complex data structures to be encountered. This software will provide the means to access and analyze even hierarchical data structures or to extract in a straightforward manner the more common rectangular datasets which are utilized by every general-purpose software system. Furthermore, the ICPSR will establish a consultation service to provide information to individuals about the data and relevant software for their analysis.

External Funding for Data Resources

The third task of the project will involve a series of training activities developed in three different formats which will be directed to three different audiences in the community of potential data and software users. A series of two-day short courses will be given to familiarize LEAA administrators and analysts with the availability of the data and software and to encourage their use of these resources through the available dissemination alternatives and in conjunction with the consultation services. A two-week summer workshop will be held to offer introductory training in data management and analysis and detailed information about the archival holdings and alternative software options. This workshop will be open to administrators, policy-makers, and other professionals in the field of criminal justice studies with little prior technical experience. Finally there will be a four-week advanced seminar in the quantitative analysis of criminal justice policies and their impact upon society. This seminar would be open to individuals with a substantive interest in the area who have prior training in quantitative methods and experience with computers and machine-readable data bases.

The entire project will be conducted by the staff of the ICPSR and will require fifteen months for completion. The data archiving activity will be guided by a steering committee to be composed of LEAA staff members, practicing criminal justice professionals, researchers in the field, and members of the ICPSR staff. Each task will have an associated evaluation component to assist in the development and modification of project activities, and the ICPSR will conduct a final survey of users of the archival services and resources approximately six months after completion of the project tasks.

Title:	Technical Support and Training Activities Related to a National Criminal Justice Data Archive.
Source:	Law Enforcement Assistance Administration
Grant Number:	77SS-99-6020
Duration:	September 30, 1977 - December 29, 1978
Amount:	\$372,295

Data Archiving, Training, and Consultation
Services in the Field of Aging

A Project Proposal Supported by the Administration on Aging
Department of Health, Education and Welfare

The program described in this proposal is of social significance and cuts across the multiple research priorities of the Administration on Aging. Specifically, the program provides for the establishment of a national archive of computer-readable data in the field of aging. The archive--featuring immediate access to users--would be complemented by summer training programs for research methodologists and administrative personnel of agencies serving the aged. The proposed program will immeasurably strengthen policy development and research and planning activities in the field of aging by collecting extant aging-related data, making them readily accessible, and increasing their utilization through training and application of the latest technological developments.

This proposal requests support for three interrelated tasks. The archiving of extant data available from a variety of sources represents a central project responsibility. There will also be a program of training activities designed for a wide variety of audiences to stimulate and enhance the use of the archival resources. In addition, there will be a consultation service which will provide technical and substantive assistance to interested practitioners and policymakers in the use of the data resources. The staff will be guided in the planning and implementation of these tasks by a conference to be convened at the beginning of project activity. Participants in the conference will provide direction in the selection of datasets, the requirements of the training programs, and the establishment of the consultation services.

The program has been planned and is jointly sponsored by the Inter-University Consortium for Political and Social Research (ICPSR) and the Institute of Gerontology (IoG) at the University of Michigan. ICPSR, located within the Center for Political Studies of the Institute for Social Research, serves as a major national data archiving facility for universities across the country. Additionally, ICPSR conducts training programs each summer for research personnel from its more than 200 member institutions. The Institute of Gerontology serves as the focal point for the aging related activities at the University of Michigan and sponsors a wide range of training and research programs. Together, these units of the University of Michigan bring a combination of well-developed techniques and networks for data dissemination and expertise in the broadly defined field of gerontology to bear on the need for the development of data resources which are both relevant and adequate for studying the complex problems of aging.

The project will be extensively involved in the collection and dissemination of information concerning research findings and datasets; expanding the training and role of practitioners, planners and administrators in the discovery of knowledge; and, in a real sense, raising the expectations of professionals in the field of aging regarding the necessary state of knowledge for solving the problems of older Americans. Through the collection, dissemination and increased utilization of empirical data relevant to older people coupled with training, recruiting and consultation with

External Funding for Data Resources

field personnel, the proposed project will contribute to increased knowledge, more empirically-based decision-making, and more adequate data resources for research and administration. In recent years, AoA has frequently sponsored empirical research but the resulting data resources did not become generally available to the community of interested investigators and practitioners. As a consequence, the utility of data resources was only partially realized. This project will facilitate the further utilization of data which has already been underwritten by AoA for continued or secondary analyses. Thus the project will optimize the value of past research projects sponsored by AoA while addressing current and future needs for information.

The project, while developmental, will provide a novel service to a broadly based population of professionals in the field of aging. An integrated program of resource development will be used to stimulate the extended analysis of a wide variety of computer-readable data files relating to the health, social, economic, and psychological well-being of the aged in the United States. The program will incorporate elements designed to assist the entire community of potential users of such services, including public policymakers and administrators at all levels of government, professionals in the field of aging, analysts at public and private research centers, and academic researchers at colleges and universities. Practitioners will be important participants in the initial project conference and will be asked to serve on the project steering committee as well.

The initial task is the archiving and dissemination of available data resources to as wide a range of users as possible. All too frequently primary data are collected for single, descriptive analysis and forgotten. As is so often the case, these data reside in universities, government offices and elsewhere as a neglected resource in aging, a resource that is often unnecessarily duplicated as the data are collected anew for other projects.

Theoretical questions as well as administrative documentation have motivated the collection of vast amounts of data in the form of special purpose surveys. These complex and expensive primary data sources are generally unrecognized as being of great value to analysts other than those who initiated the original data collection. The activities of the proposed project will enable researchers to extract information from existing files about complex questions. This will be of immediate utility to policymakers and preclude the necessity for replicated mass data collection.

Seminars and workshops during the summers of 1978 and 1979 will provide introductory and advanced training opportunities for a wide variety of potential data users. These training activities will be initiated to inform potential users of the availability of the archived data, to introduce the range of data and analytic software available to them, and to provide introductory and advanced training in analysis designs and methods. Both technical and substantive consultation will be provided for users as their own investigations are initiated. These training and consultation activities will look toward creating a common language among administrators, policymakers and researchers in the field of aging and reducing the barriers in communicating about policy-relevant questions that have traditionally separated the research community from program administrators.

External Funding for Data Resources

Consultation of two types will be provided for users of archived data. Substantive consultation will be available to formulate researchable questions, specify hypotheses, identify appropriate data files and variables, and select appropriate software for accessing statistical tools. Technical consultation will also be provided to assist the user in the operationalization of the analysis. Technical consultants will assist users in the specific steps of selecting desired data files and implementing them on local computing installations.

The project staff will provide demonstrations of remote data access and analysis at national professional meetings and will distribute descriptive materials about available data resources to assist potential users. These demonstrations will be held at several professional meetings, both specific to gerontology as well as a number of different disciplines. These demonstrations will serve to increase the visibility of the archive among professionals who would not normally be reached through AoA or other gerontological meetings.

The project activities will be conducted jointly by the staffs of the ICPSR and the Institute of Gerontology and will require twenty-four months for completion. The data archiving activity will be guided by a steering committee to be composed of practicing gerontologists, researchers in the field, and members of the ICPSR and Institute of Gerontology staffs. Each task will have an associated evaluation component to assist in the development and modification of project activities, and a final survey of users of archival services will be conducted in the concluding months of the project period.

Title:	Data Archiving, Training, and Consultation Services in the Field of Aging
Source:	Department of Health, Education and Welfare, Administration on Aging
Grant Number:	90-A-1279(01)
Duration:	October 1, 1977 - September 30, 1979
Amount:	\$152,000

Macro-Economic Time Series for the
United States, France, Germany and the United Kingdom

A Project Proposal Supported by the
National Science Foundation

Over the past fifty years the National Bureau of Economic Research has collected, compiled and checked hundreds of monthly, quarterly, and annual time series pertinent to numerous aspects of economic activity. The collection is now estimated to include over 2100 series relating to the movement of prices, physical output in the major branches of the extractive industries, manufacturing, construction and transportation, securities market transactions, interest rates, the supply of money and credit, and many other economic factors. The series extend in many cases into the mid-nineteenth century and are pertinent to the United States, France, Germany, and the United Kingdom. The coverage, however, is most rich for the latter nineteenth and twentieth centuries and most extensive for the United States, although the data for earlier years and for France, Germany, and the United Kingdom are by no means of negligible value.

The care with which the series were compiled, checked and annotated has now become virtually legendary, at least within a limited segment of the economics profession. The series were uniformly collected from the most authoritative sources, checked against collateral sources when available, and detailed source information and annotations recorded. The series include the original raw data, the Bureau's seasonally adjusted data, the adjustment factors employed, and also the Bureau's measures of cyclical and secular behavior. The data collection is a product of continuing effort; additional series have been added to the collection through the years and series have been updated to add additional years. The work entailed in the development of this data base, particularly the quarterly and monthly series for the pre-World War II era, represented an enormous investment of resources.

The collection constitutes a research resource of major potential importance for economists, as well as for political scientists, sociologists, historians, and other social scientists concerned with investigation of the interrelations between economic conditions, trends and fluctuations, on the one hand, and developments within the social and political spheres, on the other. In still broader terms, the collection holds great potential importance for social scientists concerned with problems of national development and with examination and cross-temporal comparison of change in the conditions of human life.

To date, however, this research resource has received only limited use by economists and other social scientists outside the National Bureau. Its existence is known to relatively few economists and is virtually unknown to other social scientists. In its present form, moreover, there are serious obstacles to effective access to the collection and to its efficient use. The series are recorded on handwritten data sheets stored at the Bureau's headquarters in New York City. Scholars who wish to use the collection must not only travel to New York but must also laboriously hand copy required

External Funding for Data Resources

series from the data sheets. As a consequence, efficient and comprehensive research use even by those who know of the collection has been largely frustrated.

The purpose of this proposal is to convert this entire collection to fully accessible, readily usable and completely documented machine-readable form and to make the collection widely known to economists and other social scientists concerned with economic trends and fluctuations. The proposed project will be carried out jointly by the National Bureau and the Inter-University Consortium for Political and Social Research (ICPSR). Upon completion of the project copies of the resultant data tapes will be deposited both with the Bureau and with ICPSR. The latter organization is a consortium of some 200 colleges, universities, research centers and institutes in the United States and other countries with headquarters and central staff in the Institute for Social Research at the University of Michigan. Among other functions, ICPSR provides a repository and dissemination service for machine-readable social science data. Through its established dissemination mechanisms, the machine-readable version of the collection will be fully available, either in its entirety or as subsets, to the community of social scientists in forms compatible with the technical requirements of diverse computer installations. Thus, upon completion of the project, maintenance and dissemination of the collection will continue without further cost to the National Science Foundation.

Title:	Macro-Economic Time Series for the United States, France, Germany and the United Kingdom
Source:	National Science Foundation
Grant Number:	SOC77-16045
Duration:	October 1, 1977 - September 30, 1979
Amount:	\$131,200

EDUCATIONAL ACTIVITIES

1976 Summer Program

REPORT ON THE 1976 SUMMER PROGRAM

The fourteenth annual ICPSR Summer Program was held in Ann Arbor from June 28 to August 20, 1976 and was attended by 180 participants. Of these, 113 came from 66 ICPSR member institutions, and 54 were University of Michigan participants; 13 participants from non-ICPSR member institutions attended the Program on an individual basis. In addition to the regular program participants, 31 individuals attended a special two-week data librarian workshop, raising the overall total to 211 participants. About one-fourth of the participants were faculty members and professionals. The instructional staff included 28 individuals, half of whom hold faculty appointments, either at the University of Michigan (1) or elsewhere (13).

Participants' home institutions again cooperated widely in securing partial financial support for individuals to attend the Summer Program--through direct grants, tuition subsidies, extensions of departmental fellowships, etc. While we do not have complete data on these local funding efforts, it would appear that their total volume exceeds the amount of more than \$20,000 of ICPSR operating funds made available to supplement local participant support, primarily in the form of travel subsidies. Again, however, almost 50 of the original applicants had to cancel their plans for attendance, frequently at the last minute, due to their inability to secure financial support.

As in previous years, the Program consisted of two successive sessions of approximately four weeks each. During each session, participants had the opportunity to choose one seminar module for intensive study and analysis experience, and to attend additional lecture modules as desired for summary exposure to other topics of interest. The main structure of the Summer Program continues to reflect the design of a sequential, cumulative curriculum, modularized into overlapping segments, with multiple entry points depending on individual participants' levels of technical preparation. (An overview of the 1976 Summer Program is shown in Appendix A.)

Some further changes of Program structure were implemented this year, thereby continuing the functional evolution of the Summer Program. Thus, the introductory components in the first session of the Program have been consolidated into three Data Workshops (one of which also served as a pre-test for a new learning package currently under development with ICPSR assistance). Participants at the introductory level then moved on to a practicum in Elementary Applied Regression Analysis during the second session. Further, the inclusion of a similar module on Applied Regression Analysis in the first session of the Program permitted participants with some prior background in statistics to achieve the level of preparation required for the modal components of the Program dealing with a variety of

techniques. This addition to the structure of the Program, originally introduced last year, allowed the methodologically central Least Squares modules to proceed at the relatively advanced level for which they were designed. As in previous years, the Program again included a special eight-week seminar and practicum in quantitative analysis for historians, several of whom were able to take advantage of other Program components as well.

The sequential curriculum structure of the Program was again supplemented by a series of flexible features, primarily in the form of special workshops and short Program segments dealing with topics of current interest. Thus, special modules on Computer Simulation and Exploratory Data Analysis were repeated from last year, along with the special Undergraduate Teaching Workshop on the development and use of computer-based learning packages. A special workshop on Modeling and Estimation with Unmeasured Variables was offered for the first time, as were two shorter segments--a colloquium on the state-of-the-art in treating Models of Social Context and Social Change, and a sequence of presentations and discussions on current problems and perspectives in the Design and Evaluation of Experimental Policy Analysis. (A summary of special workshops offered in 1976 is given in Appendix B.) The same themes were also echoed in some of the special guest lectures, contributed by visiting speakers and by research faculty from the University of Michigan. Some participants with special interest in survey methodology took advantage of the opportunity to attend courses in the SRC Summer Institute on Survey Research which runs concurrently with the ICPSR Summer Program. Finally, a pilot two-week workshop on data librarian procedures was offered. (A discussion of this special workshop is given in Appendix C.)

There are a variety of ways in which the Summer Program appears to be utilized to complement local curricula. Attendance is by no means limited to the most advanced students from participating campuses. Rather, graduate students at different levels of preparation make use of the Program, sometimes to make up for lost time, sometimes to improve their general analytic skills, quite apart from extending local offerings in the area of specialized or advanced techniques of analysis. In addition, the Program continues to be available for introductory or "remedial" training in quantitative methods, though participation at that level is gradually declining, as had been anticipated. For the first time in 1976, furthermore, the proportion of Summer Program participants who were not political scientists exceeded 50 percent. Increased attendance by social scientists from other disciplines has been a continuing trend, and it documents the broadening interest in Consortium services and activities beyond the confines of a single disciplinary clientele. Program funding continues to be split about evenly between the Consortium budget (\$119,255) and the University of Michigan (\$123,630).

A preliminary review of participation patterns reveals a slight tendency toward increasing reliance on the Summer Program for graduate credit instruction, relative to participation under (non-credit) formal auditor

status. At the same time there appears to be a slight tendency toward a return of attendance by faculty to previous levels. Possibly, these two compensating trends reflect the passing impact of newly affiliated federations of smaller schools; the initial wave of faculty participants is gradually being replaced by graduate students from some of the same campuses. On the whole, two-thirds of the total institutional participation continues to originate from Category A member schools, representing half of all A members.

Overall participation in the mainline, quantitative Program has been virtually unchanged for the last three years, with a slight downward trend on the order 4 percent per year. This is true for both total number of participants (196, 186, 180) and participants from non-University of Michigan member schools only (126, 120, 133). During the same period, Consortium membership has been fairly stable also, with a marginal increase in terms of total number of campuses affiliated (allowing for institutional membership consolidation as a result of federated memberships). Thus there seem to be no obvious "trends" in either total Consortium membership or total Summer Program attendance. The Program continues to serve about half of the membership in any given year, and the set of institutions sending participants is not the same subset of the total set of members from year to year.

In a world accustomed to, and to some extent dependent on, continued growth, stagnation can be a cause for concern. Summer Program attendance has been stable since 1972 (the first year after the expiration of NSF support for participants). But then, the world of graduate education in which the Summer Program operates has not experienced continued growth in the 1970's either. In any event, continued academic expansion would, at best, compensate for the Program's built-in self-destruct mechanism--its very success in training one generation of students--turning--faculty reduced its centrality for the next generation. Hence the Summer Program could never simply rely on the benefits of a growth environment, even if there was one. Thus far, Summer Program attendance has escaped stagnation in times of academic growth, and erosion in times of academic retrenchment, primarily because the technical edge of Program content has been expanding steadily and has remained at least one step ahead of the needs of its clientele. However, it appears that the level of technical sophistication represented by the more advanced Program modules, through most by objective standards, has now reached a plateau beyond which social scientists are reluctant to venture in their training.

S U M M E R P R O G R A M A T T E N D A N C E

	<u>Credit</u>	<u>Auditor</u>	<u>Visiting Scholar</u>	<u>Total</u>
1963	23	43	16	82
1964	42	35	14	91
1965	124	71	34	229
1966	100	56	17	173
1967	118	79	27	224
1968	123	64	55	242
1969	63	108	36	207
1970	100	107	47	254
1971	87	96	48	231
1972	65	109	28	202
1973	75	101	50	226
1974	70	75	51	196
1975	59	73	54	186
1976	72	98	41	211

1976 SUMMER PROGRAM

APPENDIX A

JUNE 28 --- AUGUST 20

<u>Course #</u>	<u>1st Session (6/29 - 7/23)</u>	<u>2nd Session (7/26 - 8/20)</u>
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SEMINAR/WORKSHOP MODULES

I

680	Comparative Political Participation --Herb Asher/Brad Richardson (Ohio State University) International Relations --Cindy Cannizzo (Ohio State University) & Mike Champion (University of Michigan) Public Policy --Bruce Bowen (Arizona State University)	
680	Elementary Regression Analysis --Jeff Brudney (University of Michigan)	Elementary Regression Analysis --Daylin Butler/Maggie Pittman (University of Michigan)
799	Seminar in Quantitative Historical Analysis (8 weeks) --John Sharpless (University of Wisconsin)	

II

787	Least Squares --John Deegan (University of Rochester) --Allen Russell (University of Michigan) --Ajaj Jarrouge (University of Michigan)	Multi Level Analysis --Francois Nielsen (Stanford University) Nominal Data Analysis --Bert Kritzer (Rice University)
788	Causal Modeling --Bob Luskin (University of Michigan)	Causal Modeling --Mike Lewis-Beck (University of Iowa)
789	Multidimensional Analysis --George Rabinowitz (University of North Carolina)	Multidimensional Analysis --Ed Schneider/Sally Friedman (University of Michigan)
790	Time Series Analysis --Mike MacKuen (University of Michigan)	Time Series Analysis --Greg Markus (University of Michigan)

II

787	Exploratory Data Analysis --Larry Mayer (Princeton University)	Unmeasured Variables --Bob Hoyer (Princeton University)
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<u>me</u>	<u>Course #</u>	<u>1st Session (6/29 - 7/24)</u>	<u>2nd Session (7/26 - 8/20)</u>
LACK III (Cont.)			
.5	790	Computer Simulation --Steve Coombs (University of Michigan)	Contextual Effects --Linton Freeman (Lehigh University) --Adam Przeworski (University of Chicago)
-5	800		Undergraduate Teaching Workshop --William Buchanan (Washington & Lee University)
LECTURE MODULES			
-10	788	Causal Inference --Herb Asher (Ohio State University)	
-10	787		Formal Political Theory --Bob Hoyer (Princeton University)
0-11	789	Dimensional Analysis --George Rabinowitz (University of North Carolina)	
0-11	790		Dynamic Analysis --Greg Markus (University of Michigan)
1-12	787	Topics in Data Analysis --Larry Mayer (Princeton University)	
-8 pm	680	Elementary Mathematics --Bob Luskin (University of Michigan)	
-8 pm	787	Mathematics for Social Scientists --John Deegan (University of Rochester)	

ICPSR SUMMER PROGRAM 1976 - SPECIAL WORKSHOPS

APPENDIX B

DEVELOPMENT OF UNDERGRADUATE LEARNING MATERIALS

Participants will use sample portions of existing computer/data-based undergraduate teaching packages, and then proceed through the steps involved in the development of structured data analysis sequences for students, based either on selected data sources or on special teaching interests of participants. The goal of the workshop is to enable participants to develop their own instructional materials in the future, in their home campuses, to serve their particular teaching needs and course objectives.

COMPUTER SIMULATION AND PROCESS MODELING

Activities in this module will be organized around selected studies that make extensive use of computer simulation. Participants will have the opportunity to redesign substantial portions of these models and prepare research reports. Special emphasis will be given to the heuristic potential of computer modeling and problems of empirical validation. A good working knowledge of FORTRAN is required. Enrollment will be restricted to twelve students.

EXPLORATORY DATA ANALYSIS

Confirmatory techniques which are treated in most statistics courses are designed to estimate parameters and test hypotheses. In contrast, the exploratory techniques introduced in this module, which are due largely to John Tukey, are designed to unravel the structure of data. Topics include box plots, stem-and-leaf, re-expression, median polish, robust regression, smoothing and others. Participants should be generally familiar with traditional statistical techniques, though none of the unorthodox analytic procedures introduced depend directly on advanced formal proficiency in conventional areas.

UNMEASURED VARIABLES

This workshop will introduce participants to the conceptual and technical issues raised by the empirical analysis of models in which some of the theoretical variables remain implicit, either because of inadequate operationalization and measurement or because of lack of data. The emphasis will be on the role of prior theoretical specification restrictions and on alternative estimation approaches to dealing with unmeasured variables.

CONTEXTUAL EFFECTS

This workshop will review and explore the state-of-the-art of dealing with modeling and estimation strategies which incorporate social or spatial diffusion, facilitation, and other forms of spill-over effects in the response of contextually embedded units of analysis. An attempt will be made to bring together several approaches to the problem, and to assess and evaluate areas in which further work is needed.

POLICY EXPERIMENTS

This workshop will review some of the design, analysis, and evaluation issues raised by large scale social experiments, including the general treatment of policies as experiments, whether a priori or ex post facto. An attempt will be made to bring together different perspectives, and to assess similarities and differences between experimental and non-experimental analytic approaches to the study of social problems.

1976 SUMMER PROGRAM
DATA LIBRARY WORKSHOP

A pilot data library workshop, designed to introduce individuals to data management techniques, data library activities and data user services, was conducted during July 7-16, 1976. Participants had an opportunity to gain direct experience with the techniques employed by the Consortium and other established data centers to collect, organize, accession, maintain and use machine-readable materials at their own institutions.

Although publicity notices were not distributed until late in the year, thirty-one individuals were able to attend. Twenty-three of the individuals were from Consortium member institutions. The participants represented data archives, libraries and information centers from Canada, Belgium, Germany and India as well as the United States. Although the workshop was geared toward individuals with less experience in this area, twenty of the attendees were seasoned data archivists from established data centers. These individuals were interested in the contact with other data archivists and the exchange of information about the procedures used at their institutions. This workshop offered the first opportunity for extensive exchange of such information.

The two-week format was very successful. Most participants would not have been able to attend had the workshop been extended in length. These individuals were on twelve month appointments and would have found it difficult to obtain release time for a period longer than two weeks.

The participants met formally as a group for six hours a day. Frequently, informal sessions were held over lunch and dinner with special interest groups meeting during the evening. The morning sessions tended to focus on data management activities with computer exercises and the afternoons were generally devoted to data library procedures which were not computer oriented. Some of the topics covered were: data collection, coding and documentation; data processing; statistical packages available; storage media; data acquisition, accessioning and transfer; and the functions of data service centers, including administration.

Given the level of interest expressed in the material presented, it is reasonable to assume that an increased number of traditional librarians and archivists will participate in the future. Several of the librarians who attended felt that it would be desirable for them to repeat the course at a later date. Data archive personnel will, no doubt, also continue to be interested. Traditional archivists may be attracted to the workshop as the publicity for the workshop becomes more extensive.

The workshop was directed by Alice Robbin, Data and Program Library Service, University of Wisconsin, Madison; Judith Rowe, Social Science User Services, Princeton University; and Carolyn Geda, ICPSR.

UNDERGRADUATE EDUCATIONAL ACTIVITIES

Two activities were undertaken during 1976-1977 in the area of undergraduate instruction. The first was the preparation by the Consortium staff of six machine-readable instructional teaching units based on subsets of data from several prominent studies previously archived by ICPSR. The second activity was the decision to publish a computer-based teaching manual/text, American Voting Behavior, by William H. Flanigan (University of Minnesota) and Nancy H. Zingale (College of St. Thomas, Minneapolis).

UNDERGRADUATE EDUCATIONAL ACTIVITIES

ICPSR INSTRUCTIONAL SUBSETS

The following six studies comprise the initial set of a new ICPSR service to make data from major archived data files available in a form appropriate for classroom instructional use. The series is intended to reflect the major theoretical and topical foci of the larger studies upon which the subsets are based while presenting the data in relatively simple, descriptive formats. In this original set, no subset has more than eighty one-column variables, although all of them retain the entire sample population from the original study.

Each of the subsets includes, in addition to the data file, a codebook file which can be duplicated by use of a local COPY utility or by photo-duplication. The data file can be accessed with either an OSIRIS dictionary file or an SPSS Job Control Language set-up file, both of which are available from ICPSR. This first set of subset materials, concentrated in the area of socio-political concerns, was drafted with the assistance of Professor Betty M. Nesvold of San Diego State University.

Angus Campbell, Philip E. Converse, and Willard L. Rodgers;
ICPSR INSTRUCTIONAL SUBSET: THE QUALITY OF AMERICAN LIFE (ICPSR 7516)

The "Quality of American Life" survey was conducted in July and August, 1971, by the Survey Research Center of the Institute for Social Research at the University of Michigan. The data were collected from a nationwide probability sample of 2,164 persons 18 years of age and older. The survey was designed to measure respondents' perceptions of their socio-psychological condition, their needs and expectations from life, and the degree to which these needs were satisfied.

The questions included in this instructional subset are representative of the major areas of the original, longer survey. The first several variables establish the respondent's social role. These background

Undergraduate Educational Activities

variables include education received, sex, age, marital status, religious preference, and occupational group.

Next, several variables deal with the respondent's place of residence and attitudes toward that residence. Length of time in the community and in the particular dwelling is followed by questions of the respondent's views toward neighbors, housing, public services, and safety in the neighborhood. The study also asks the respondent for views regarding the adequacy of government activity.

In a third section of the subset the respondent is asked to choose between a number of pairs of adjectives as best describing his or her life. These pairs offer such choices as "interesting-boring," "hopeful-discouraging," and "easy-hard."

In the last section of the study the respondent is asked questions regarding the sources of satisfaction in his or her life and the amount of satisfaction received from them. Home life, religion, government, and organizational memberships are among the areas investigated.

Monica Blumenthal, Robert L. Kahn, and Frank M. Andrews;
ICPSR INSTRUCTIONAL SUBSET: JUSTIFYING VIOLENCE--ATTITUDES OF AMERICAN
MEN (ICPSR 7517)

This survey of attitudes of American men regarding violence was conducted in the summer of 1969 by the Survey Research Center of the Institute for Social Research at the University of Michigan. The survey included responses from 1,374 men, aged 16-64, drawn from the Survey Research Center's national sample of dwellings. The investigators examined the level of violence which respondents viewed as justified to accomplish social control and social change and emphasized the role of the respondent's personal values, his definition of violence, and his identification with the groups involved in violence.

To examine the degree of violence which American men felt could be justified for social control, the investigators asked respondents to react to situations involving protests and other disturbances. These situations included hoodlum gang disturbances, student protests, and black protest demonstrations. The respondents were asked what police actions--from "letting it go" to "shooting to kill"--were appropriate as police control measures. Several such items were combined to form an index of "violence for social control."

In questions dealing with the level of violence necessary to bring about social change, respondents were asked whether they agreed with the necessity of "protest in which some people will be killed" in order to bring about changes sought by blacks, by student demonstrators, and in general. These items were combined into an index of "violence for social change."

Undergraduate Educational Activities

This instructional subset of variables from the original study includes an initial series of questions which ask whether respondents view such actions as protest demonstrations, police frisking, looting, burglary, and draft-card burning as violence. Then the study inquires about possible causes of violence and motives of those who participate in violence.

Another set of variables deals with relative views of property damage and personal injury and respondents' agreement or disagreement with such statements as "it is often necessary to use violence to prevent violence," "many people learn only through violence," and "when a person harms you, you should turn the other cheek and forgive him." Respondents were also asked for their views on the roles of courts and police agencies in combatting crime. Then, after a number of demographic and socio-economic variables (education, age, region of the country), the subset concludes with a number of derived indices of violence attitudes which draw upon a number of survey questions to form general patterns. These derived indices include attitudes toward retributive justice, self defense, kindness, suspicion, and trust. Finally, several summary measures gauge the respondent's general approval of violence for social control and social change purposes.

Chicago Council on Foreign Relations;
AMERICAN PUBLIC OPINION AND U.S. FOREIGN POLICY, 1975 (ICPSR 7518)
AMERICAN LEADERSHIP OPINION AND U.S. FOREIGN POLICY, 1975 (ICPSR 7519)

In November, 1974, the Chicago Council on Foreign Relations commissioned Louis Harris and Associates to conduct surveys of attitudes related to foreign policy among the American public and among national leaders. The public survey used a stratified systematic national sample of 1,513 respondents, Americans aged 18 years and older. The leadership sample included 329 individuals in positions likely to have influence upon and knowledge of foreign relations. Leaders were drawn in roughly equal proportions from among those in responsible positions in politics, government, business, communications, and education. Somewhat fewer respondents were interviewed from the fields of labor, religion, and voluntary and ethnic organizations.

In general, the questions in both surveys examined attitudes in a number of related areas, including the extent and role of U.S. involvement in world affairs, the amount of domestic support for such involvement, and the relationship between domestic and foreign policies.

ICPSR has prepared instructional subsets based on both the public and the leadership surveys. The initial seventy-one variables in each subset reflect identical substantive questions asked of both populations,

Undergraduate Educational Activities

so public and leadership attitudes on the same questions can easily be compared. These questions ask the respondents whether they agree or disagree with a number of statements regarding the effectiveness of economic and military aid and lessons learned from the war in Vietnam. Respondents are also asked to rate the President and Congress in foreign policy formulation and to specify the appropriate response to a number of possible future world developments. The public subset also includes traditional demographic and socio-economic information about the respondents. The leadership subset also includes information about the respondents, including political orientation, race, age, and area of leadership.

Urban Observatory Program (National League of Cities);
ICPSR INSTRUCTIONAL SUBSET: CITIZEN ATTITUDES TOWARD LOCAL GOVERNMENT
(ICPSR 7522)

The "Ten Cities Survey of Citizen Attitudes toward Local Government," upon which this subset is based, was conducted under the supervision of the Urban Observatory Program. The research for the project was funded by the Department of Housing and Urban Development and administered by the National League of Cities. Each Urban Observatory network city had autonomy over the study in its area.

This instructional subset includes responses from surveys administered in four cities: Atlanta, Boston, Baltimore, and San Diego. These four were selected because they represented regional diversity and also because examination of the distribution of responses suggested four rather different patterns of citizen attitudes.

The survey items were administered to a representative sample of adults 18 years of age and older within the politically defined limits of the central cities. Each sample was independently drawn but was based upon identical designs. The survey items were also the same for all cities. Where appropriate, the questionnaire was administered in Spanish to Mexican-American respondents.

The focus of the survey was on citizens' perceptions of the dimensions of "urban unrest." Citizen attitudes toward local government services and opinions about local problems in the areas of schooling, housing, public transportation, drugs, law and order, and taxes were obtained in each city. In addition, the data include information on the socio-economic and personal status of respondents and on household composition.

Undergraduate Educational Activities

National Opinion Research Center;
ICPSR INSTRUCTIONAL SUBSET: 1975 GENERAL SOCIAL SURVEY (ICPSR 7527)

The National Data Program for the Social Sciences is a data diffusion project and a program of social indicator research funded by the National Science Foundation. The program was designed and carried out over a five-year period by the National Opinion Research Center (NORC), University of Chicago. The Spring, 1975, General Social Survey, administered in March and April, 1975, was the fourth in a series of five annual surveys which began in 1972 and concluded in 1976. The study included 1,490 respondents and 237 variables.

The 1975 interviews included items selected by the NORC staff and an advisory panel of sociologists as being "mainstream" interests of academic sociology. Aside from standard personal data items, it covered such areas of interest to social scientists as the family, socio-economic status, social mobility, social control, race relations, sex relations, and morale.

This ICPSR subset begins with several items of personal data, such as region and size of place where the respondent lives, information about the respondent's family background, the employment status of the respondent and spouse, sex, race, religion, and political party identification.

Following a few questions regarding family finances and work satisfaction, respondents were asked a number of questions about gender roles, including opinions on whether women "should take care of running their homes" and on the emotional suitability of men and women to politics. Next, respondents were asked a number of questions related to abortion and the conditions under which it might be viewed as justified. Respondents were also asked several questions to gauge their attitudes toward pornography and its control, toward pre-marital sex, toward several "law and order" issues, and toward school prayers.

The next major set of questions in the subset asked respondents how much confidence they have in such institutions as banks, corporations, religion, the media, the professions, and the several branches of government. Then there were several questions asking whether the U.S. should spend more, less, or about the same for various programs--including space exploration, defense, welfare, education, health, urban problems, and the environment. Next, respondents were asked how they view other people and their motives, and the last several questions inquire into their attitudes toward race relations in general, toward school integration, toward fair housing laws, and toward interracial marriages.

Undergraduate Educational Activities

TEACHING MANUAL: AMERICAN VOTING BEHAVIOR

During 1976-1977 the Council agreed that the Consortium should publish a series of computer-based workbook/texts. The first in the series is authored by William H. Flanigan and Nancy H. Zingale and is titled American Voting Behavior: Presidential Elections from 1952 to 1976. Publication is expected to be in early 1978.

This manual was designed for use in undergraduate American politics courses, and is intended to enable students to examine certain substantive questions about electoral behavior through their own analyses of political survey data. In addition, it is hoped that students will acquire some knowledge and appreciation of the methods employed in survey research. Though the emphasis of the text is upon basic political questions, the exercises are designed to provide some insights into methods of analysis as well. The exercises in the workbook are based upon data drawn from the SRC-CPS national election surveys of 1952 to 1976. The Consortium will distribute both the bound text and the machine-readable data and documentation.

The Consortium will provide a complementary copy of the monograph to member institutions, as is the regular procedure for Class I codebooks. Official Representatives may also order the data which accompany the text. Individuals at ICPSR member institutions will also receive a discount when ordering multiple copies of the text for use in their undergraduate courses. Non-members will be assessed full cost for both text and data.

COMPUTER SUPPORT ACTIVITIES

COMPUTER SUPPORT ACTIVITIES

Computer software and technical assistance for the ICPSR is provided by the Computer Support Group of the Center for Political Studies. These supporting activities serve the internal need of the ICPSR servicing and archival staff as well as the external need of the ICPSR membership. A significant amount of relevant software development takes place outside of the ICPSR context, in other realms of the Center and the Institute for Social Research we strive to ensure that these other projects bear in mind the interest of the ICPSR membership so that further benefits are derived at minimal cost.

Minicomputer to Improve Archiving and Servicing

A continuing concern for improving the efficiency of ICPSR staff work led in the past year to the identification of a number of specific areas where the acquisition of a minicomputer for the ICPSR would yield cost savings. In late fall an intensive and detailed evaluation and comparison of different vendor's hardware and software began. After reviews of the subsequent proposal by the ICPSR Council, and computing policy bodies within the Institute and the University, requests for bids were sent out in late Spring to a half-dozen vendors. The resulting choice was a Prime 300 minicomputer. We would be pleased to provide further information and assistance to any member trying to assess the current minicomputer marketplace.

The minicomputer system vendor, Prime, is a relatively new company, delivering their first product in 1972. They began with an emphasis on providing a good, small, FORTRAN-based time-sharing system and have been highly successful. We are the third significant installation at the University of Michigan, and have benefitted a great deal from the advice and experience of the other, earlier installations. Our particular configuration has a Prime 300 with 96 K (16-bit) words of memory, 24 million bytes of disk, an 800/1600 bpi tape drive, a Printronix 300 line per minute printer, and 8 Ontel OP-1 alphanumeric display terminals. The system also has capabilities for the use of the BASIC language.

The tasks which will be placed on the minicomputer initially include the following.

Computer Support Activities

1. Codebook text entry.

The minicomputer will have general word processing capabilities, with specialized features added to facilitate codebook text entry and editing. The work will be done at TV-like text display terminals for fast and quiet production.

2. Servicing staff correspondence.

Much of the material that accompanies data shipments to members can be produced from pre-stored text plus output from the computer runs copying data. The word processing capabilities on the minicomputer will be employed for this.

3. Batch run setup preprocessing.

Midnight shift computational costs on the larger computers at the Institute and the University have dropped to a very low level. This remains the least expensive way to do many tasks such as tape-to-tape copies for member services and various archival data cleaning processes. Much of the cost of these computer runs is now in setup generation. The minicomputer will have many routine setups pre-stored, so that they are ready after only a few parameter changes for the specific run. Entry and correction of specialized setups will also be facilitated by the minicomputer. After completion, these setups are transmitted for later, delayed execution, using a high-speed link to the University computer, and as a batch input stream to the Institute computer.

4. Archival data cleaning.

As batch runs produce information about problems in data collections being processed for the archive, staff members will utilize the minicomputer to examine the problems and provide routine corrections. The machine-readable codebooks will be utilized in this sequence as a key reference point, helping with the efficiency of the process and assuring the desired accuracy in the final data and documentation. Using video display terminals on-line in this fashion will eliminate several current translation steps between printed and computer information, and will reduce our use of paper.

Computer Support Activities

4. Remote job printer

For instances where the University computer's size is necessary for a task and fast turnaround is essential, the high-speed link attached to the Prime will be used for shipping printout for immediate output on the minicomputer's printer.

6. Data entry keypunch replacement

A number of grants to the ICPSR involve entry into machine readable form of new data collections. Relatively sophisticated keypunch equipment has been used for this work to date, but the minicomputer can allow both greater speed of entry and quality checks at entry time that reduce subsequent processing costs.

7. Specialized codebook listings

Some low-demand materials, primarily codebooks for infrequently requested data sets, are currently multilithed in small quantities and stored until needed. To reduce this capital investment in the future, such codebooks will be generated on the minicomputer when the request is received.

8. Administrative support.

A variety of administrative information will be processed on the minicomputer, including membership records, mailing lists, and user documents such as the Guide to Resources .

The software is being written with an emphasis on portability to ease transfer to other computing installations. This is being done, first, to allow use of the same software on the University computer and on the minicomputer so that the staff can most easily work on both systems and as a form of protection against hardware failures; second, to ensure that the software can be used on future hardware that ICPSR or the University might acquire; and third, to make the software eventually available to members if it meets their particular needs.

Computer Support Activities

Computer Networking

The Telenet national computer network is now connected to the University of Michigan computer, an Amdahl 470/V6. The provision of network access to ICPSR members has been an important concern for many years, and with the Telenet service has now become a practical reality. A limited service will be offered in the coming year, building upon outside grants to establish the initial capabilities.

Low-cost microcomputers

The incredibly rapid reductions of the last few years in the price of basic computer hardware suitable for personal use is being monitored carefully by the staff. Problems with software and reliability are still too severe for significant use of these systems by social scientists, but these problems will probably be solved in the near future. The potential power of these machines is very great, and many of the analysis tasks now done on large computers can run on these individual systems. We are trying to anticipate this potential, especially in terms of being able to provide data on the storage media suitable to this emerging era of computer use.

OSIRIS III Distribution

Over the years we have provided the ICPSR membership with the OSIRIS package for statistical analysis and data management. This package was primarily developed by research projects within the Institute for Social Research. OSIRIS is currently in use to some degree at over 260 computer installations. A list of OSIRIS III sites may be found at the conclusion of this report.

Release 2 of OSIRIS III became available in May 1976. It incorporates a number of specific new features, as well as many updates to the system. Numerous minor and major corrections in the software have been made. More detailed information is available upon request.

OSIRIS III has been distributed by an Institute for Social Research project. This project has been coordinated and staffed by the Center for Political Studies and the Survey Research Center Computer Support Groups. This project is self-supporting and the ICPSR only contributes financially a small matching subsidy to help reduce the

Computer Support Activities

direct cost an ICPSR member incurs when obtaining OSIRIS III.

OSIRIS Conversions

The OSIRIS package as distributed by the Institute runs only on IBM 360 and 370 computers. We have attempted over the years to coordinate and foster non-IBM OSIRIS conversions. This has resulted in the following:

CDC-OSIRIS. Control Data in West Germany has provided a version of OSIRIS III to the University of Cologne for their CDC Cyber 70. This version should run on most CDC 6000 and CDC 7000 series machines. It is being distributed by the University of Cologne Computing Center at present, but a new distribution site is likely in the near future.

UNIVAC-OSIRIS. The CHI Corporation has converted OSIRIS III to the UNIVAC 1100 series computers, and is now distributing it.

SIEMENS-OSIRIS . Zentrum fur Umfragen, Methoden und Analysen (ZUMA) in Mannheim, Germany has a version of OSIRIS converted and maintained for Siemens computers, and it is currently being distributed.

DEC 10-OSIRIS. Western Michigan University is completing the conversion of OSIRIS III but have no firm time table set for subsequent distribution.

Non-ICPSR Computing Activities .

There are a number of other computing activities at the Center for Political Studies and the Institute that are relevant to the ICPSR. These activities are not funded by ICPSR but are noted here because of possible interest to the members, and because they are often utilized within the ICPSR Summer Program.

Data Structures. This project added, within the OSIRIS data set framework, the prototype capabilities for a user to describe, store, and retrieve hierarchically structured data files. It is planned that this

Computer Support Activities

capability will be made available in software exported in the future.

Graphical Display Manipulation . Software has been developed that allows a user to create and manipulate various displays and charts of frequencies, cross-tabulations, and time-series. Mechanisms for distributing this software are being sought.

OSIRIS IV . The staff of the Survey Research Center within the Institute has embarked on the development of a revised system known as OSIRIS IV. ICPSR has not contributed to this effort as yet; evaluation of the potential value of this system is pending.

OSIRIS Distribution Summaries. Please see the following pages.

Computer Support Activities

OSIRIS III DISTRIBUTION SITES

N	Academy of Finland Helsinki
S	Addiction Research Foundation
N	Aetna Life Insurance
S	Agency for International Development
N	Aid Association for Lutherans
N	Alabama, U. Of
I	Alberta, U of Canada
N	Allied Breweries Ltd.
S	American Telephone & Telegraph
C	Amsterdam, University of
S	Anglo American Corp., South Africa
C	Arizona, University of
U	Arnold-Bergstaesser-Institut, West Germany
N	Atlantic Richfield Co.
S	Atelier Parisien D'Urbanism, Paris
N	Augsburg U. Germany
N	Australian Council for Education
N	Australian Sales Research
N	Automobile Club of America
I	Ball State University
N	Baltimore Computer Utilities
S	Bar-Ilan University
C	Battelle Memorial Institute
C	Bell Canada
I	Belgian Archives for the Social Sciences
C	Bell Canada
S	Bell Telephone Laboratories
N	Bendix Corporation
N	Boeing Computer Services Inc.
N	Boston College
I	Bowling Green State University
N	Brigham Young University
I	British Columbia, U. Of
S	Bureau of Labor Statistics
S	Burke Marketing
I	California Institute of Technology
I	California, U. Of Berkeley
I	California, U. Of Davis
I	California, U. Of Los Angeles
I	California, U. Of Santa Barbara
N	Canada Systems Group
I	Carleton University
N	CBS
N	Center for Sociological Research
N	Central Intelligence Agency
U	Central Michigan University
N	Central Pension Security
N	Centre d'Etudes Sociologique, Paris
S	Centro Latin American Demog.

Computer Support Activities

N	Chamber of Mines, South Africa
N	Chemical Bank
N	CHI Corporation
I	Cincinnati, U. Of
N	Clemson University
N	CNA Insurance
N	Colorado U. Of
N	Colsistemas SA
I	Columbia University
N	Computer Sciences Corp.
S	Computer Systems Ltd.
I	Connecticut, U. Of
N	Conservative Research Dept, England
I	Cornell University
N	Corning Glass Works
I	CUNY (Hunter)
I	CUNY
N	DAFA
N	Danish National Institute
N	Dart Industries Inc.
C	Datatab, Inc
S	Dayton, U. Of
N	DC Applications IBM, Japan
S	Decision Services
N	Defense Supply Services
U	Departement de Science Politique
N	Direccion Del Empleo, Peru
N	Doubleday and Co., Inc.
N	Durham County Council
I	Dutch National-U.Reken Centrum
N	E.I. Dupont de Nemours
I	East Texas State University
S	Ecole de Commerce
N	Ecole Polytechnique
I	Edinburgh, U. Of, England
N	Emory University
N	Evansville, U. Of
N	Exxon Corporation
N	Finnish State Computer Centre
N	First Computer Services
S	Florida A&M University
N	Florida Dept. Of Transportation
I	Florida, U. Of
C	Freie Universitat Berlin
S	Frieburg
S	General Electric Co.
I	George Washington University
I	Georgia State U.
I	Georgia U. Of
N	Goodyear Tire Co.
N	Goteborgs Stads Servicekontor, Sweden
I	Gothenburg University, Sweden
N	Grenoble University, France

Computer Support Activities

N Grumman Data Systems Corp.
N Hakuhoda Inc. Japan
N Hallmark Cards
I Hamburg University
I Harvard Business School
N Health Services Administration
I Heidelberg University, Germany
N Helsinki City Data Centre
N Hendrix College
N Heylen Research Center
N Hitachi Ltd.
N Holkenortsentralen, Bergen, Norway
N Hospital Referral Project-City of N.Y
S Human Science Research
N Hungarian Academy of Sciences, Szeged
S IBM Corporation, White Plains, N.Y.
N IBM Corporation, Yorktown, N.Y.
S ICI U.S. Inc.
N Idaho, U. Of
N IGP Administrators, Inc.
I Illinois, U. Of Chicago Circle
I Illinois, U. Of Urbana
N Industrial Services Techniques Inc.
N Institute for Advanced Studies, Vienna
N Instituto Nacional de Estadística, Spain
I Istituto Superiore Di Sociologia, Milano
N Instituto Univ. De Pesquisas, Brazil
I Iowa, U. Of
N John Player & Sons
I Johns Hopkins University
N Johnson and Johnson
N Kaiser Foundation
N Kansas City Mo. Police Department
I Kansas State University
N Kashiwagi Research Corporation
S Kent State University
I Kentucky, U. Of
I Koln, U. Of, Germany
N Los Angeles County Assessor
S Laurentide Financial Corporation
N Laval, U. Of, Quebec
I Leiden, U. Of
N Leuven, U. Of, Belgium
N Levi Strauss & Co.
S Levi Strauss, Europe
N London School of Economics
I Louisiana State University
I Loyola University, Chicago
N Lundsten, Lorman
S Management Decisions
I Mannheim, U. Of Germany
I Massachusetts Institute of Technology
S Massachusetts, University of

Computer Support Activities

N	Mathematica Policy Research Unit
S	McDonnell Douglas
N	Mellon Bank, N.A.
S	Middle East Technical U.
I	Missouri, U. Of St. Louis
N	Mitre Corporation
S	Montgomery Co. Schools
S	Montgomery Wards
C	Montreal, Universite de
N	Nationwide Mutual Insurance
N	National Center for Health Statistics
N	National Education Association
U	Naval Electric Lab
N	Naval Personnel R&D Center
I	Nebraska, U. Of Lincoln
N	New Brunswick, U. Of
I	New Hampshire, U. Of
I	New Mexico, U. Of
I	New York University
C	New South Wales, University of
N	Newcastle, U. Of, England
S	Nomura Research Center
S	Norsk Gallup Institut
I	North Carolina, U. Of
N	North Central Texas Council of Government
I	North Texas State University
N	Northern Colorado, U. Of
I	Northern Illinois University
I	Notre Dame, U. Of
N	O.K. Bazaars (1929) Limited, Africa
I	Ohio State University
N	Ohio, State of
N	Oklahoma State University
I	Oklahoma, U. Of
C	Padova, Universita di, Italia
I	Pennsylvania State University
I	Pittsburgh, U. Of
N	Polish Academy of Sciences, Warsaw
N	Population Council, Colombia
I	Princeton University
S	Proctor & Gamble Co.
N	Prostat Computer Services, Ltd.
N	Prudential Insurance Co.
N	Public Opinion Research, Japan
I	Purdue University
N	Queensland University
N	Rapidata, Inc.
N	Raziskivaine Center, Yugoslavia
S	Readers Digest Association
N	Research Policy Programme, Lund University
N	Reuben H. Donnelley Corporation
N	RHRZ, BONN, West Germany
I	Rice University

Computer Support Activities

N	R.J. Reynolds Tobacco
N	R.L. Polk & Co.
I	Rochester University
N	Rhone-Poulence Ind, France
I	Southern Illinois U., Carbondale
N	Sandoz Corporation
S	Santa Clara County Center for Urban Analysis
N	Santa Clara County Office of Education
N	Secretario del Trabajo y Pension, Mexico
N	Security Industry Automation Corp.
N	Social Insurance Institution
N	Social Security Administration
U	Socialforskningsinstituttet
S	Societe d'Amenagement
N	Societe des Chemins de Fer, France
N	Sophia, U. Of, Japan
I	South Carolina, U. Of
S	Southern California Gas Co.
I	Southern California University
N	St. Patricks's College, U. Of Dublin
N	Standard Oil of Indiana
N	Stanford Research Institute
N	State Institute of Hygiene, Poland
N	Stockholm Data Center
I	SUNY at Binghamton
N	Systems Dimensions Ltd.
C	Technology Service Corporation
I	Tennessee, U. Of
S	Texaco Inc.
I	Texas, U of, Med Branch
N	The Urban Institute
C	The Trustees of the California
	State University and Colleges
S	Travenol Labs Inc.
I	Texas, U. Of Austin
N	TIETOTEHDAS OY
N	U.S. Information Agency
S	U.S. Dept. Of the Interior/Bureau of
	Outdoor Recreation
N	Unemployment Insurance Commission
N	UNESCO, France
N	UNESCO, India
N	UNESCO, Senegal
I	UNI-COLL Corporation
N	United Airlines
N	Utah State Systems Planning
N	Vaitionrautatiet, Tietokonetonetoimisto, Finland
N	Venezuela Family Planning
N	Victoria Department of Agriculture
N	Vienna Grad School
N	Virginia Commonwealth University
I	Virginia Polytechnic Institute
C	Virginia, U of

Computer Support Activities

N	Volvo Data, Sweden
N	Warshawsky and Co.
I	Washington State University
I	Washington University, St. Louis
I	Wayne State University
S	Westat Inc.
I	Western Kentucky University
I	Western Michigan University
I	Windsor, U. Of, Canada
U	Wirtschafts-Und Sozialwissen
N	Wisconsin Dept. Of Industry Labor & Human Relations
N	Witwatersrand, U of.
N	Wright State University
N	Xavier U. Of Louisiana
I	Yale University
I	York University, Canada
N	Youth Research Center
I	Zentralarchliv
N	ZUMA, Poland
I	Zurich University

SUMMARY

I-ICPSR MEMBERS with OSIRIS III	76
N-Non-ICPSR Members with OSIRIS III: Academic	25
Non-profit, government	59
Commerical	60

S-NON-ICPSR MEMBERS with a subset of OSIRIS III	40
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TOTAL	260
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C - CDC-OSIRIS	12
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U - UNIVAC-OSIRIS6
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TOTAL	278
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(Earlier versions of OSIRIS are not included here because current operational status is unknown.)

List as of 9/77

ORGANIZATION AND ADMINISTRATION

ICPSR COUNCIL MEMBERSHIP

- 1975-1977 W. Phillips Shively, University of Minnesota, Chair
Hubert Blalock, University of Washington
Heinz Eulau, Stanford University
Richard Hamilton, McGill University
Everett C. Ladd, Jr., University of Connecticut
Charles McCall, California State College, Bakersfield
Patrick McGowan, University of Southern California
Murray G. Murphey, University of Pennsylvania
Norman Nie, University of Chicago
James W. Prothro, University of North Carolina
Roberta Sigel, Rutgers University
- 1974-75 Betty A. Nesvold, California State University, San Diego, Chair
Charles M. Bonjean, University of Texas, Austin
Heinz Eulau, Stanford University
Harold Guetzkow, Northwestern University
Everett C. Ladd, Jr., University of Connecticut
Norman Nie, University of Chicago
James W. Prothro, University of North Carolina
W. Phillips Shively, University of Minnesota
Sam Bass Warner, Jr., Boston University
- 1973-74 Gerhard Loewenberg, University of Iowa, Chair
Charles M. Bonjean, University of Texas, Austin
Heinz Eulau, Stanford University
Ada Finifter, Michigan State University
Harold Guetzkow, Northwestern University
Matthew Holden, University of Wisconsin
Hans D. Klingemann, ZUMA, Mannheim, Germany
Betty A. Nesvold, California State University, San Diego
Sam Bass Warner, Jr., Boston University
- 1972-73 Charles O. Jones, University of Pittsburgh, Chair
Allan G. Bogue, University of Wisconsin, Madison
Charles M. Bonjean, University of Texas, Austin
Fred Coombs, University of Illinois, Urbana
Ada Finifter, Michigan State University
Wayne L. Francis, University of Washington
Harold Guetzkow, Northwestern University
Gerhard Loewenberg, University of Iowa
Betty A. Nesvold, California State University, San Diego
- 1971-72 Charles O. Jones, University of Pittsburgh, Chair
Allan G. Bogue, University of Wisconsin, Madison
Fred Coombs, University of Illinois, Urbana

ICPSR COUNCIL MEMBERSHIP

1971-72
(cont'd) Ada Finifter, Michigan State University
Wayne L. Francis, University of Washington
John Grumm, Wesleyan University
Gerhard Loewenberg, University of Iowa
James Rosenau, The Ohio State University
Charles Tilly, The University of Michigan

1970-71 Donald Matthews, The Brookings Institution, Chair
Allan G. Bogue, University of Wisconsin, Madison
William H. Flanigan, University of Minnesota
Wayne L. Francis, University of Washington
John Grumm, Wesleyan University (completing the term
of Fred Greenstein)
Charles O. Jones, University of Pittsburgh
Jean Laponce, University of British Columbia
James Rosenau, The Ohio State University
Charles Tilly, The University of Michigan

1969-70 Heinz Eulau, Stanford University, Chair
Charles Cnudde, University of Wisconsin, Madison
Fred Greenstein, Wesleyan University
William H. Flanigan, University of Minnesota
Jean A. Laponce, University of British Columbia (com-
pleting the term of Joseph LaPalombara)
David Leege, State University of New York at Buffalo
Donald Matthews, University of North Carolina
James Rosenau, Rutgers University
Charles Tilly, The University of Michigan

1968-69 Heinz Eulau, Stanford University, Chair
Christian Bay, University of Alberta
Charles Cnudde, University of Wisconsin, Madison
William H. Flanigan, University of Minnesota
Richard I. Hofferbert, Cornell University
Joseph LaPalombara, Yale University
David Leege, State University of New York at Buffalo
Donald Matthews, University of North Carolina
Stephen Whitaker, Temple University

1967-68 Sidney Ulmer, University of Kentucky, Chair
Christian Bay, University of Alberta
Charles Cnudde, University of California, Irvine
Heinz Eulau, Stanford University
Richard I. Hofferbert, Cornell University
John H. Kessel, Allegheny College
David Leege, University of Missouri
John Meisel, Queen's University
Stephen Whitaker, Temple University

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1966-67 Dwaine Marvick, University of California, Los Angeles, Chair
Kenneth Janda, Northwestern University
Carl Beck, University of Pittsburgh
John Meisel, Queen's University
Sidney Ulmer, University of Kentucky

1965-66 Joseph Tanenhaus, University of Iowa, Chair
Carl Beck, University of Pittsburgh
William Buchanan, University of Tennessee and Washington
and Lee University
Kenneth Janda, Northwestern University
Dwaine Marvick, University of California, Los Angeles

1964-65 John C. Wahlke, State University of New York at Buffalo, Chair
William Buchanan, University of Tennessee
John H. Kessel, University of Washington (completing the term
of Robert E. Agger)
Robert H. Salisbury, Washington University
Joseph Tanenhaus, New York University

1963-64 Austin Ranney, University of Wisconsin, Chair
Robert E. Agger, University of Oregon
Robert E. Lane, Yale University
Robert H. Salisbury, Washington University
John C. Wahlke, State University of New York at Buffalo

1962-63 James W. Prothro, University of North Carolina, Chair
David Easton, University of Chicago
Robert E. Lane, Yale University
Austin Ranney, University of Wisconsin
William H. Riker, University of Rochester

MEMBERSHIP 1976-77
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University of Akron	Professor Jesse Marquette
University of Alberta	Professor Paul Johnston
Allegheny College	Professor Jean Hervey
American University	Professor Llewellyn D. Howell
University of Arizona	Professor Jerrold G. Rusk
Arizona State University	Professor Bruce Bowen
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Carleton College	Professor Daniel Sullivan
Colorado College	Professor Robert Loevy
Grinnell College	Professor H. Wayne Moyer
Knox College	Professor Robert Seibert
Lake Forest College	Professor Arlene Eskilson
Lawrence University	Professor Michael Hall
Macalester College	Professor Charles Green
Ripon College	Professor Robert Young
St. Olaf College	Professor Kent Eklund
Auburn University at Montgomery	Professor Anne Permaloff
Australian Consortium for Social and Political Research:	
The Australian National University	Mr. K. R. W. Brewer
University of Melbourne	
LaTrobe University	
Gippsland Institute of Advanced Education	

<u>Institution</u>	<u>Official Representative</u>
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University of N.S.W.	
Flinders University	
Western Australian Institute	
University of Queensland	
James Cook University	
Ball State University	Professor Ralph Baker
The Belgian National Membership:	
Belgian Archive for the Social Sci.	Dr. Joseph Bonmariage
Bowling Green State University	Professor James Q. Graham
University of British Columbia	Professor David Elkins
The British National Federation:	
Social Science Research Council Survey Archive	Dr. Ivor Crewe
Brown University	Professor Michael Brintnall
University of California, Berkeley	Professor John J. McCarthy
University of California, Davis	Professor John R. Owens
University of California, Los Angeles	Professor Carl Hensler
University of California, Santa Barbara	Professor Robert C. Noel
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Division of Information Systems	Mr. Harry J. Coffey
Calif. State College, Bakersfield	Professor Charles McCall
Calif. State Univ., Chico	Professor Robert S. Ross

<u>Institution</u>	<u>Official Representative</u>
Calif. State College, Dominguez Hills	Professor Wayne Martin
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Calif. State Univ., Fullerton	Professor Philip L. Gianos
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Calif. State Univ., Humboldt	Professor Bruce Haston
Calif. State Univ., Long Beach	Professor A. Jay Stevens
Calif. State Univ., Los Angeles	Professor Kenneth A. Wagner
Calif. State Univ., Northridge	Professor Roger H. Harrell
Calif. State Polytechnic, Pomona	Professor John L. Korey
Calif. State Univ., Sacramento	Professor Ronald T. Fox
Calif. State College, San Bernadino	Mr. Brij B. Khare
Calif. State Univ., San Diego	Professor Warner Bloomberg
Calif. State Univ., San Francisco	Professor Richard E. LeLeon
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Calif. Polytechnic State Univ., San Luis Obispo	Professor David L. George
Calif. State College, Sonoma	Professor John Kramer
Calif. State College, Stanislaus	Professor Richard Mendes
Carleton University	Professor Hy Burshtyn
Case Western Reserve University	Professor Vincent E. McHale
Central Michigan University	Professor T. Edward Westen
University of Chicago	Professor Benjamin Page
University of Cincinnati	Professor Alfred Tuchfarber
City University of New York	Professor Kenneth Sherrill
Claremont Colleges	Professor Daniel Mazmanian

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University of Delaware	Professor Henry T. Reynolds
Denison University	Professor William Bishop
University of Denver	Professor John Romagna
Duke University	Professor Sharon Poss
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University of Amsterdam	
Erasmus University	
Free University	
University of Nijmegen	
University of Tilburg	
East Texas State University	Professor H. M. Lafferty
Eastern Kentucky University	Professor J. A. Singleton
Edinboro State University	Professor Max Azicri
Emory University	Professor Randall Gurnes
Florida Consortium for Political Research:	
University of Florida	Professor Eugene Wittkopf
Florida Atlantic University	Professor Micheal Giles

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Florida Tech. University	Professor Mark Stern
University of Miami	Professor Rodney P. Stiefbold
University of South Florida	Professor William E. Hulbary
University of West Florida	Professor Donald M. Freeman
University of Geneva	Professor David Handley
Georgetown University	Professor Robert A. Hitlin
George Washington University	Professor Richard L. Cole
Georgia Institute of Technology	Professor John J. Havick
Georgia State University	Professor Willard Barry
University of Georgia	Professor Keith Billingsley
German National Federation:	
Zentralarchiv fuer empirische Sozialforschung	Ms. Maria Wieken-Mayser
Institut fuer Politische Wissenschaft der Christian-Albrechts Universitaet	
Institut fuer Sozialwissenschaften an der Universitaet Mannheim	
Sozialwissenschaftliches Forchungsinstitut der Knorad-Adenauer-Stiftung	
Harvard University	Professor William Schneider
University of Houston	Professor Kent L. Tedin
Idaho State University	Professor Ralph Maughan
Univ. of Illinois - Chicago Circle	Professor George I. Balch
Univ. of Illinois - Urbana	Professor Kenneth Land

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Governors State University	Professor Ronald Miller
Northeastern Illinois University	Professor Charles R. Pastors
Western Illinois University	Professor Steven Parker
Indiana University	Professor Ron Weber
Instituto Universitario de Pesquisas do Rio de Janeiro (IUPERJ)	Professor Candido Mendes
University of Iowa	Professor Andrew Cowart
Iowa State University	Professor James Hutter
Johns Hopkins University	Professor Richard S. Katz
University of Kansas	Professor Herman Lujan
Kansas State University	Professor Shanto Iyengar
University of Kentucky	Professor Michael A. Baer
Kuwait University	Dr. Tawfic Farah
Lehigh University	Professor Donald D. Barry
Louisiana State University	Professor Patrick F. O'Connor
University of Louisville	Professor Philip G. Laemmle
McGill University	Professor Jerome H. Black
McMaster University	Professor H. J. Jacek
University of Maine	Professor Kenneth P. Hayes
University of Manitoba	Professor Conrado R. Santos
University of Maryland	Professor Eric Uslaner
Massachusetts Federation:	
Univ. of Massachusetts - Amherst	Professor James Wright
Smith College	Professor Peter Rose

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Mississippi State University	Professor Barbara Bardes
University of Missouri - Columbia	Professor Michael Fitzgerald
University of Missouri - Kansas City	Professor Dale A. Neuman
University of Missouri - St. Louis	Professor Hans Michelmann
Naval Postgraduate School	Mr. Edward J. Laurance
University of Nebraska	Professor John Comer
University of New Hampshire	Professor Robert Craig
University of New Mexico	Professor Arthur St. George
University of New Orleans	Professor John K. Wildgen
New York University	Professor Martin A. Schain
Memorial University of Newfoundland	Professor Mark Graesser
University of North Carolina	Professor James W. Prothro
North Texas State University	Professor John W. Books
Northern Illinois University	Professor Edgar Sherbenou
Northwestern University	Ms. Lorraine Borman
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Norwegian Social Science Data Services, Bergen	Professor Stein Rokkan
University of Oslo	

<u>Institution</u>	<u>Official Representative</u>
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Old Dominion University	Professor Richard A. Skinner
University of Pennsylvania	Professor Kevin Clancy
Pennsylvania State University	Professor Robert Butterworth
University of Pittsburgh	Mr. Philip Sidel
Princeton University	Ms. Judith Rowe
Purdue University	Professor William Shaffer
Queen's University	Professor Ralph C. Joyce
Rice University	Professor Herbert Kritzer
University of Rochester	Professor Richard Niemi
Rutgers University	Ms. Jane Wolin
Sophia University (Japan)	Professor Takashi Inoguchi
University of South Carolina	Professor John J. Stucker
University of Southern California	Professor David Klingmann
Southern Illinois Univ. - Carbondale	Professor Roy E. Miller
Southern Illinois Univ. - Edwardsville	Professor John W. Ellsworth
Stanford University	Professor Jolene Larson
State University of New York Social Data Network:	
State University College - Brockport	Professor Frank Feigert
State University College - Buffalo	Professor David Colby
State University College - Cortland	Professor Leon Halpert

<u>Institution</u>	<u>Official Representative</u>
State University College - Fredonia	Professor Edmond True
State University College - Oneonta	Professor Michael Lynch
State University College - Plattsburgh	Professor Dennis DeLong
State University College - Potsdam	Professor Walter R. Weitzman
State Univ. of N.Y. - Albany	Professor Sara Knapp
State Univ. of N.Y. - Binghamton	Mr. Gary Klass
State Univ. of N.Y. - Buffalo	Professor Marilyn Hoskin
State Univ. of N.Y. - Stony Brook	Professor Tom Jukam
Swarthmore College	Professor Gudmund Iversen
Swedish National Membership:	
University of Goteborg	Dr. Soren Holmberg
University of Lund	
University of Stockholm	
University of Umea	
University of Uppsala	
Tel-Aviv University	Professor Alan Arian
Temple University	Professor Fred Herzon
University of Tennessee	Professor William Lyons
University of Texas - Arlington	Professor Luther W. Odom
University of Texas - Austin	Professor Stephen Hendricks
University of Texas - Dallas	Professor Paul Peretz
Tulane University	Professor Steven L. Nock

<u>Institution</u>	<u>Official Representative</u>
University of Tulsa	Professor Edward C. Dreyer
Union College	Professor Frederick Hartwig
University of Utah	Professor John Francis
Vanderbilt University	Professor Richard A. Pride
University of Vermont	Professor
University of Virginia	Professor Robert S. Montjoy
Virginia Polytechnic Institute State University	Professor Richard D. Shingles
Virginia State College	Ms. Janice Miller
Washington and Lee University	Professor William Buchanan
Washington State University	Professor Nathaniel Beck
Washington University	Professor John Sprague
University of Washington	Ms. Gael Welch
Wayne State University	Professor Bryan D. Jones
Wesleyan University	Professor Richard Boyd
Western Kentucky University	Professor Thomas Madron
Western Michigan University	Professor James E. Nadonly
University of Western Ontario	Professor E. H. Hanis
Wichita State University	Professor James Sheffield
University of Windsor	Professor Larry LeDuc
University of Wisconsin - Madison	Ms. Alice Robbin
University of Wisconsin - Milwaukee	Professor Ronald Hedlund
Xavier University	Professor Neil Keighberger
Yale University	Ms. Mary McCarthy
York University	Professor Tom Atkinson
University of Zurich	Dr. G. Schmidtchen

ICPSR MEMBERSHIP REPORT

SUMMARY OF INSTITUTIONAL AND GROUP AFFILIATIONS

1976/1977

Category A Affiliates	84
Category B Affiliates	41
Category C Affiliates	3
Category S Affiliates	12
Total Institutional Affiliates	140

Federated Memberships

The Associated Colleges of the Midwest	10
The California State University and Colleges	19
Florida Consortium for Political Research	8
Illinois State Colleges and Universities	5
Massachusetts Federation	2
SUNY Social Data Network	11
Total Federated Institutions	55

National Memberships

Australian Consortium for Social and Political Research	
Belgian National Membership	
British National Membership	
Dutch National Membership	
German National Membership	
Norwegian National Membership	
Swedish National Membership	
Swiss National Membership	
Total National Affiliations	8

TOTAL INSTITUTIONAL AND NATIONAL AFFILIATES 203

1976-77 ICPSR Council and Staff

ICPSR Council

Hubert Blalock, Jr., University of Washington
Heinz Eulau, Stanford University
Richard F. Hamilton, McGill University
Everett C. Ladd, Jr., University of Connecticut
Charles H. McCall, California State College, Bakersfield
Patrick J. McGowan, University of Southern California
Murray G. Murphey, University of Pennsylvania
Norman H. Nie, University of Chicago
James W. Prothro, University of North Carolina
W. Phillips Shively, Chair, University of Minnesota
Roberta S. Sigel, Rutgers University

Ann Arbor Staff

Associate Directors

Angus A. Campbell (SRC, ISR) Associate Director
Philip E. Converse (CPS, ISR) Associate Director
Catherine M. Kelleher (CPS, ISR) Associate Director
M. Kent Jennings (CPS, ISR) Associate Director
Warren E. Miller (CPS, ISR) Associate Director

Administrative

Jerome M. Clubb, Executive Director
Carolyn L. Geda, Assistant Director
Donna Gotts, Administrative Secretary
Anne Wylie, Secretary

Archival

Michael W. Traugott, Director of the Archive
Erik W. Austin, Assistant Director (History)
Robert R. Beattie, Assistant Director (International Relations)
Barbara G. Farah, Assistant Director (Contemporary Politics)
John E. Stuckey, Assistant Director (Instructional Services)
Janet Vavra, Assistant Director (Member Services)

Margaret Bailly, Assistant in Research
Hugh Battley, Assistant in Research
John Belian, Research Assistant
Scarlett Benett, Supervisor, Data Entry
Toby Bobbitt, Assistant in Research
Gaye Burpee, Data Archive Specialist
Arlyn Champagne, Supervisor, Data Entry
C. Kim Cooper, Data Archive Specialist
William Domke, Research Assistant
Nancy Dorow, Research Assistant
Barbara Dotson, Assistant in Research
Karen Farkas, Secretary
Charles Franklin, Assistant in Research
Walter Gruhn, Assistant in Research
Jerry Hiniker, Research Assistant
Bok-Soon Hoag, Senior Key Operator, Data Entry
Claire Jeanette, Assistant in Research
Ethel Kosht, Clerk-typist
David Kushner, Computer Preparation Clerk
Louise Levenson, Clerk-typist
Deborah Little, Assistant in Research
Ginger Maggio, Research Assistant
Pat Markey, Assistant in Research
Elizabeth Markon, Key Operator, Data Entry
Jim McMurtrie, Clerk-typist
Merrill Meyer, Assistant in Research
Pamela Miller, Secretary
Dana Mitchell, Data Archive Specialist
Chitra Muliyil, Clerk-typist
Dennis O'Connor, Research Assistant
Karen Sidney, Data Archive Specialist
Violet Smith, Secretary
Phyllis Stillman, Assistant in Research
June Stuart, Administrative Assistant
Santa Traugott, Graduate Student Research Assistant
Maxine Tulpan, Clerk-typist
Elizabeth Weems, Assistant in Research
Elaine Wethington, Research Assistant
Norma Wilson, Assistant in Research
Catherine Whitaker, Assistant in Research
Martha Wright, Senior Data Archive Specialist
Susan Wyman, Assistant in Research

Summer Program*

Lutz Erbring, Director
Henry Heitowit, Administrative Coordinator
Martha Baldwin, Secretary
Margot Van Dis, Secretary

Instructors

Herbert Asher, Ohio State University
Bruce Bowen, Arizona State University
Jeffrey Brudney
William Buchanan, Washington and Lee University
Daylin Butler
Cynthia Cannizzo, Ohio State University
Michael Champion
Steven Coombs
John Deegan, University of Rochester
Linton Freeman, Lehigh University
Sally Friedman
Robert Hoyer, Yale University
Ajaj Jarrouge
Herbert Kritzer, Rice University
Michael Lewis-Beck, University of Iowa
Robert Luskin
Michael MacKuen
Gregory Markus
Lawrence S. Mayer, Princeton University
Francois Neilsen, Stanford University
Margaret Pittman
Adam Prezeworski, University of Chicago
George Rabinowitz, University of North Carolina
Bradley Richardson, Ohio State University
Allen Russell
John Sharpless, University of Wisconsin
Edward Schneider

Computer Coordinator:
John Stuckey

Computer Counselors:
Mike Champion
Jeff Cohen
Thomas Cusak
Fran Fetherston
Sally Friedman

*The Summer Program staff is from The University of Michigan unless otherwise specified.

Sandy Guben
Walter Hill
Jack Katosh
Celinda Lake
Bill McGee
Rick Stoll

Head Librarian:
Cameron Holm

Librarians:
Louis Goldstein
Jeff Miller
Randy Neighburger
Jack Thomas
Debra Westover

Computer Support Group

Gregory Marks, Director
Sylvia Barge, Senior Programmer Analyst
Carol Damroze, Programmer Analyst
Edward Schneider, Research Associate
Karin Swenson, Secretary
Angela Reed, Secretary
Ida Sanburn, Secretary
Verna Yarrington, Assistant in Research
Brian Cashman, Programmer
William Graham, Programmer
Gregg Levin, Programmer

FINANCIAL SUMMARY

FINANCIAL SUMMARIES AND PROJECTIONS

The following pages summarize actual and projected income and expenditures for the 1976-77 and 1977-78 fiscal years. An initial section summarizes actual income and expenditures during 1976-77, and describes projected income and expenditures for 1977-78. A second section provides a comparison of the budgetary projections for the current fiscal year with the actual income and expenditures for the preceding year.

ACTUAL AND PROJECTED
INCOME AND EXPENDITURES
1976-1977 AND 1977-1978

The following summary presents income and expenditure projections for 1977-1978 and, for comparative purposes, actual expenditures for 1976-1977 for Consortium activities. Budgets for two federally supported projects are in the final stages of negotiation. The income and expenditure projections for 1977-1978 are subject to modification depending upon the outcome of those negotiations. Other factors also contribute to the tentative nature of the income and expenditure projections which follow. Acquisition of a mini-computer (described elsewhere in this report) will significantly reduce costs for computer time and machine rental. The exact magnitude of these reductions cannot be estimated at this time. It is also likely that increases in membership will result in increased income from affiliation fees and additional income will also be derived from provision of services to individuals at non-member institutions.

Income Projections

Consortium income for the 1977-1978 fiscal year will be derived from three primary sources: 1) member fees; 2) The University of Michigan; and 3) foundation grants and awards. In addition, irregular amounts are received from special charges--data supplied to individuals at non-member institutions, proceeds from reimbursements for OSIRIS distribution, sale of extra codebooks, and the like. The irregularity of these amounts precludes projection for the fiscal year. For the 1977-1978 fiscal year, income will be augmented by a \$50,000 allocation from the Center for Political Studies to support acquisition by ICPSR of a minicomputer. Of this amount, \$25,000 is in the form of a loan and the remaining \$25,000 is an outright contribution from the Center. It is anticipated that the loan can be repaid during the course of the present and coming fiscal year through funds that would otherwise be expended for rental of keypunch machines, computer terminals and other equipment.

Total income for 1977-1978 is projected at \$1,490,585 as compared to \$1,140,041 for 1976-1977. Of total income, an estimated \$804,195 will be derived from affiliation fees, a modest increase over the preceding fiscal year. Contributions from The University of Michigan to support the annual Summer Training Program will increase from \$101,781 for the preceding year to \$119,255 for 1977-1978. The largest income increase is in that derived from foundation awards and contracts. During 1976-1977, some \$217,762 was provided from these sources. The equivalent figure for 1977-1978 is estimated at \$517,135. Projected income is detailed below:

Affiliation Fees (Operating Budget):	\$801,000
The University of Michigan	119,255
Center for Political Studies	
Direct contribution	25,000
Loan	25,000
Foundation Awards and Contracts:	
Department of Health, Education and Welfare (Administration on Aging)	54,300
Law Enforcement Assistance Administration	260,935
National Endowment for the Humanities	34,300
National Science Foundation	167,600

Projected Expenditures

Projected expenditures for 1977-1978 are grouped in twelve allocation categories for comparison with actual expenditures in 1976-1977. (More detailed displays of each category are attached.) These allocation categories can in turn be grouped into the three major areas of Consortium activity. These areas are 1) resource development and services, including development of data and computational resources, dissemination of these resources, and necessary work required to support these activities; 2) educational and training activities; and 3) governance and administration.

Resource Development and Services

The largest portion of projected 1977-1978 income is allocated to activities directly associated with data development, including data acquisition and maintenance, development of supporting software, and study processing and documentation. These activities are expected to approximate in excess of two-thirds of total expenditures for the fiscal year.

Archival Development

A total of \$763,250 is allocated to support costs directly associated with the development of data resources. The allocation supports the archival staff and major portions of the salaries of the Archival Director and Assistant Directors. Activities supported by this allocation include the processing of all new data acquisitions and the elevation to higher classes of data already listed in the holdings of the archive. Updating of the longitudinal collections of aggregate data will also take place under this budget. It can be expected that this allocation will be augmented slightly during the course of the year through receipt of additional external support. Expenditures for acquisition of a mini-computer are included in this account. In 1976-1977, \$42,600 were allocated to this purpose. The remainder of the cost of the machine (\$50,000) is included in the 1977-1978 allocation.

Of the remaining allocation, \$196,115 is derived from the Operating Budget and an additional \$517,135 from Foundation grants and contracts. Projects involving processing of comparative survey data (NSF), of data from four studies of urban service delivery systems (NSF-RANN), and automation of the Statistique Generale de la France continue from preceding years. Summaries of proposals describing these projects are given in earlier Annual Reports. Three additional projects which begin during the 1977-1978 fiscal year are described above. These projects include processing of data from the National Crime Surveys and certain other data bearing upon crime and deviance (supported by the Law Enforcement Assistance Administration), data processing and related activities bearing upon aging (supported by the Department of Health, Education and Welfare, Administration on Aging), and processing of over 2,000 economic time series for France, Germany, the United Kingdom and the United States (supported by the National Science Foundation).

Data Acquisition

Data acquisition expenditures are projected for \$42,800 and include costs directly associated with the purchase of data, contacting data suppliers, and meetings of Advisory Committees. The budget is allocated to portions of the salaries of the Consortium Assistant Director and the Archival Director and Assistant Directors. The allocation will also support purchases of data primarily from the federal government. The increase in the allocation, as compared with 1976-1977, reflects an anticipated increase in the volume of data to be acquired and in the costs of Advisory Committee meetings.

Documentation

An allocation of \$28,750 from Operating Budget funds has been projected to support the technical production of codebooks and documentation. The largest single line item is expected to be \$15,000 for printing and duplicating. Most of the costs associated with the actual preparation of documentation text are accounted under data development, as well as the costs of printing documentation related to data prepared with external grant funds. The allocation for this area of activity is well below that for the preceding year, reflecting anticipated economies to be gained in printing and duplication.

Data Maintenance

Costs estimated at \$21,000 for the maintenance of archival holdings are supported by this allocation. These costs include correction of errors reported by users, generation of "backup files," maintenance of records and documentation for archival holdings. Expenditure projections for this area for 1977-1978 are significantly above those of the preceding year. During 1976-1977 the position of Data Librarian remained unfilled

at some cost in operating and organization efficiency. The increased allocation for the present fiscal year reflects the filling of this staff vacancy.

Computer Support

This allocation (\$51,750) will support the continuing distribution of OSIRIS, the maintenance of existing programs and the development of new capabilities required by the archival staff. The amount is primarily composed of salaries, fringe benefits, and associated indirect costs. The increase in the allocation as compared with the preceding year reflects costs associated with implementation of the minicomputer as noted in the preceding paragraph (Archival Development).

Data Services

A total of \$149,250 is allocated to the provision of data and related services. The allocation supports portions of the salaries of Archival Director and Assistant Directors, the Consortium Assistant Director, and the salaries of the technical staff directly involved in servicing member requests including the Assistant Director for Member Services. The largest item in this area is salary and associated fringe benefits and overhead; the second largest item is computer time (\$40,000), and the supplies, communication, and shipping items are expectedly large. Despite an increase in the volume of data supplied in 1976-1977 as compared with 1975-1976 (see the included Data Services Report) costs in this area declined in 1976-1977. It is expected that costs in this area will again decline in 1977-1978 despite an anticipated substantial increase in the volume of data supplied. Cost reductions will be gained through improved access to computational resources which will reduce data processing costs and allow automation of additional procedures thus obviating the need for staff growth.

Educational Activities

A total allocation of \$242,885 is projected to support Consortium educational activities during 1977-1978. This amount compares with \$216,402 expended for these purposes during 1976-1977. The allocation is divided into two functional areas: the Summer Training Program and support for development of instructional materials primarily for undergraduates.

ICPSR Summer Training Program

An allocation of \$225,855 is projected to support the Summer Training Program. This allocation constitutes only a slight increase over that for 1976-1977 (\$216,402). However, the allocation for 1976-1977 included "one time" costs for equipment purchase as well as approximately \$6,000 to support development of undergraduate teaching materials. The latter expenditures are included in a separate budget for 1977-1978. Thus the allocation for the conduct of the 1977-1978 program is effectively larger

than that for the preceding year. Projected instructional and administrative costs will total approximately \$118,655, computing costs and equipment rental will amount to \$40,500 and an additional \$22,000 is allocated to participant stipends. An allocation of \$3,500 to support the Data Librarians Seminar is also included. Of these funds, \$119,255 are provided by The University of Michigan and \$106,600 by the Consortium Operating Budget. Although not accounted in the present summary, the awards from the Law Enforcement Assistance Administration and the Department of Health, Education and Welfare, Administration on Aging include support for instructional and participant stipend costs for two methodological/substantive seminars to be held in connection with the 1978 Summer Program.

Educational Development Activities

A new budgetary category has been established to distinguish between developmental activities and the Summer Program. Developmental activities will include preparation of undergraduate teaching materials and identification and acquisition of instructional resources. The allocation (\$17,030) will support approximately one-half of the salary of the Assistant Director for Instructional Services plus clerical assistance and computer time.

Governance and Administration

Governance and administration represents approximately thirteen percent of total projected expenditures for the current fiscal year. These functions are reflected in four expenditure categories: governance and member relations, the Meeting of Official Representatives, publications, and central administration. Total expenditures from the 1977-1978 Operating Budget for governance and administration are projected at \$190,900. The projected increase in this area (from \$161,280 in fiscal 1976-1977) are largely associated with senior staff salaries at least some portion of which will be subsequently supported by externally funded projects. Thus expenditures in this broad area are likely to be below those projected.

Governance and Member Relations

A total of \$68,300 has been allocated to this functional area. The major portion of these funds will be expended on salaries and associated fringe benefits and travel. Portions of the Executive Director's and Associate Directors' salaries will be supported here, with the largest non-salary items in the budget being travel for the purposes of contact with present and/or potential members and the costs of Council meetings.

Biennial Meeting of Official Representatives

A total of \$62,000 is allocated to support the costs of the 1977 Biennial Meeting of Official Representatives. Of this amount \$27,500

(less \$600 expended in 1976-1977) was set aside during the preceding fiscal year and is carried forward to the present year. The remaining \$34,500 is allocated from the 1977-1978 Operating Budget.

Central Administration

The central administration budget incorporates the expenses of the Executive Director's office associated with the internal management of the ICPSR. The total budget is \$68,400, virtually all of which is salaries and fringe benefits. Individuals who will have portions of their salaries supported by this account will include the Executive Director, the Assistant Director, and administrative and clerical support personnel.

Publications

This allocation (\$19,700) projects expenditures for preparation and publication of the Guide, Annual Report, and other documents relating to the ICPSR and its activities. The budget provides a portion of the Assistant Director's salary and clerical support. Printing and duplicating are, of course, major line items.

FINANCIAL SUMMARY: PROJECTIONS AND EXPENDITURES

		Actual Expenditures 1976-77	Projected Expenditures 1977-78
I. RESOURCE DEVELOPMENT AND SERVICES			
<u>Expenditures</u>			
A. Archival Development			
Professional and technical staff salaries and fringe benefits		\$249,451	\$403,600
Supplies, postage and communications		10,849	17,050
Printing and duplicating		2,514	45,300
Computer time and machine rental ¹		<u>85,496</u>	<u>111,500</u>
Total Direct Costs		\$348,310	\$577,450
Indirect Costs		<u>108,960</u>	<u>185,800</u>
Subtotal		\$457,270	\$763,250
B. Data Acquisition			
Professional and technical staff salaries and fringe benefits		\$ 20,733	\$ 24,150
Supplies, postage and communications		2,679	1,000
Printing and duplicating		56	100
Purchase of Datasets		2,537	5,000
Travel and Per Diem		<u>2,019</u>	<u>7,250</u>
Total Direct Costs		\$ 28,024	\$ 37,500
Indirect Costs		<u>4,204</u>	<u>5,300</u>
Subtotal		\$ 32,228	\$ 42,800

1. Includes acquisition costs for minicomputer of \$92,600, amounting to \$42,600 in FY 1976-77 and \$50,000 in FY 1977-78.

I. RESOURCE DEVELOPMENT AND SERVICES (cont'd)		Actual Expenditures 1976-77	Projected Expenditures 1977-78
<u>Expenditures</u>			
C. Documentation			
Professional and technical staff salaries and fringe benefits		\$ 5,549	\$ 8,800
Supplies, postage and communication		75	100
Printing and duplicating ²		39,196	15,000
Computer time and machine rental		<u>1,140</u>	<u>1,100</u>
Total Direct Costs		\$ 45,960	\$ 25,000
Indirect Costs		<u>6,894</u>	<u>3,750</u>
Subtotal		\$ 52,854	\$ 28,750
D. Data Maintenance			
Professional and technical staff salaries and fringe benefits		\$ 4,037	\$ 16,200
Supplies, postage and communications		841	600
Printing and duplicating		158	200
Computer time and machine rental		<u>1,239</u>	<u>1,250</u>
Total Direct Costs		\$ 6,275	\$ 18,250
Indirect Costs		<u>941</u>	<u>2,750</u>
Subtotal		\$ 7,216	\$ 21,000

2. Includes one-time microfiching costs in FY 1976-77

I. RESOURCE DEVELOPMENT AND SERVICES (cont'd)		Actual Expenditures 1976-77	Projected Expenditures 1977-78
<u>Expenditures</u>			
E. Computer Support			
Professional and technical staff salaries and fringe benefits		\$ 27,332	\$ 36,000
Supplies, postage and communications		787	1,000
Printing and duplicating		91	500
Computer time and machine rental		5,806	6,000
Travel and per diem		<u>106</u>	<u>1,500</u>
Total Direct Costs		\$ 34,122	\$ 45,000
Indirect Costs		<u>5,118</u>	<u>6,750</u>
Subtotal		\$ 39,240	\$ 51,750
F. Data Services			
Professional and technical staff salaries and fringe benefits		\$ 79,355	\$ 72,000
Supplies, postage and communications		15,833	14,750
Printing and duplicating		8,572	3,000
Computer time and machine rental		<u>48,719</u>	<u>40,000</u>
Total Direct Costs		\$152,479	\$129,750
Indirect Costs		<u>21,072</u>	<u>19,500</u>
Subtotal		\$173,551	\$149,250

I. RESOURCE DEVELOPMENT AND SERVICES (cont'd)	Actual Expenditures 1976-77	Projected Expenditures 1977-78
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SUMMARY OF TOTAL EXPENDITURES FOR
RESOURCE DEVELOPMENT AND SERVICES:

TOTAL DIRECT COSTS	\$615,170	\$832,950
INDIRECT COSTS	<u>147,189</u>	<u>223,850</u>
TOTAL COSTS	\$762,359	\$1,056,800

Funding		
ICPSR Operating Budget	\$544,597	\$489,665
Center for Political Studies		50,000
Other	<u>217,762</u>	<u>517,135</u>
TOTAL	\$762,359	\$1,056,800

II. EDUCATIONAL ACTIVITIES		Actual Expenditures 1976-77	Projected Expenditures 1977-78
<u>Expenditures</u>			
A. ICPSR Summer Program			
Professional and technical staff salaries and fringe benefits		\$103,077	\$118,655
Supplies, postage, communications and rent		15,118	11,900
Printing and duplicating		4,358	5,400
Stipend support		28,764	22,000
Computing and equipment rental		47,401	40,500
Travel and per diem		<u>2,838</u>	<u>2,400</u>
Total Direct Costs		\$201,556	\$200,855
Indirect Costs		<u>14,846</u>	<u>25,000</u>
Subtotal		\$216,402	\$225,855
B. Educational Development Activities			
Professional and technical staff salaries and fringe benefits		--	\$ 13,830
Supplies, postage, communications and rent		--	500
Computing and equipment rental		<u>--</u>	<u>500</u>
Total Direct Costs		--	\$ 14,830
Indirect Costs		<u>--</u>	<u>2,200</u>
Subtotal		--	\$ 17,030

II. EDUCATIONAL ACTIVITIES (cont'd)	Actual Expenditures 1976-77	Projected Expenditures 1977-78
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SUMMARY OF TOTAL EXPENDITURES FOR
EDUCATIONAL ACTIVITIES:

TOTAL DIRECT COSTS	\$201,556	\$215,685
INDIRECT COSTS	<u>14,846</u>	<u>27,200</u>
TOTAL COSTS	\$216,402	\$242,885

Funding

The University of Michigan	\$101,781	\$119,255
ICPSR Operating Budget	<u>114,621</u>	<u>123,630</u>
TOTAL	\$216,402	\$242,885

III. GOVERNANCE AND ADMINISTRATION	Actual Expenditures 1976-77	Projected Expenditures 1977-78
<u>Expenditures</u>		
A. Governance and Member Relations		
Professional and Administrative staff salaries and fringe benefits	\$ 16,204	\$ 23,800
Supplies, postage and communications	5,750	6,000
Printing and duplicating	2,369	2,000
Travel and meetings:		
Council Meetings, Advisory Committees, and Professional Conferences	<u>27,080</u>	<u>27,500</u>
Total Direct Costs	\$ 51,403	\$ 59,300
Indirect Costs	<u>7,710</u>	<u>9,000</u>
Subtotal	\$ 59,113	\$ 68,300
B. Meeting of Official Representatives		
Professional and administrative staff salaries and fringe benefits	--	\$ 4,000
Supplies, postage and communications	--	1,000
Printing and duplicating	--	1,000
Travel and per diem	<u>\$ 522</u>	<u>\$ 47,391</u>
Total Direct Costs	\$ 522	\$ 53,391
Indirect Costs	<u>78</u>	<u>8,009</u>
Subtotal	\$ 600 ³	\$ 61,400
	(\$ 26,900)	
Carry forward from FY 1976-77		<u>-26,900</u>
		\$ 34,500
3. Prorated budget (\$27,500) for meeting of Official Representatives scheduled in the fall of 1977. \$600 was expended for a program committee meeting.		

III. GOVERNANCE AND ADMINISTRATION (cont'd)	Actual Expenditures 1976-77	Projected Expenditures 1977-78
<u>Expenditures</u>		
C. Central Administration		
Professional and technical staff salaries and fringe benefits	\$ 42,842	\$ 51,000
Supplies, postage and communications	4,124	4,000
Printing and duplicating	651	1,000
Computing and equipment rental	1,349	1,500
Travel and per diem	<u>1,915</u>	<u>2,000</u>
Total Direct Costs	\$ 50,881	\$ 59,500
Indirect Costs	<u>7,632</u>	<u>8,900</u>
Subtotal	\$ 58,513	\$ 68,400
D. Publication of <u>Guide</u> , Annual Report, and Informational Materials		
Professional and technical staff salaries and fringe benefits	\$ 7,344	\$ 9,100
Supplies, postage and communications	162	250
Printing and duplicating	6,445	7,000
Computing and equipment rental	<u>96</u>	<u>750</u>
Total Direct Costs	\$ 14,047	\$ 17,100
Indirect Costs	<u>2,107</u>	<u>2,600</u>
Subtotal	\$ 16,154	\$ 19,700

III. GOVERNANCE AND ADMINISTRATION (cont'd)	Actual Expenditures 1976-77	Projected Expenditures 1977-78
SUMMARY OF TOTAL EXPENDITURES FOR GOVERNANCE AND ADMINISTRATION		
TOTAL DIRECT COSTS	\$140,244	\$165,900
INDIRECT COSTS	<u>21,036</u>	<u>25,000</u>
TOTAL	\$161,280 ⁴	\$190,900

Funding		
ICPSR Operating Budget	\$161,280	\$190,900
IV. GRAND TOTAL	\$1,140,041	\$1,490,585

4. Includes prorated budget (\$23,913 in direct costs and \$3,587 in indirect costs) for the Official Representatives Meeting.

BUDGET SUMMARY

	Final 1976-1977	Projected 1977-1978
I. EXPENDITURES		
A. Technical Services	\$272,861	\$250,750
B. Resource Development	489,498	806,050
C. Summer Program	216,402	225,855
D. Undergraduate Curricular Development	--	17,030
E. Governance and Administration	<u>161,280</u>	<u>190,900</u>
TOTAL	\$1,140,041	\$1,490,585
II. INCOME SOURCES		
A. ICPSR Operating Budget (Membership fees)	\$797,498	\$804,195
B. Miscellaneous Income	23,000	--
C. National Science Foundation	118,833	167,600
D. National Endowment for the Humanities	98,929	34,300
E. Law Enforcement Assistance Administration	--	260,935
F. Department of Health, Education and Welfare	--	54,300
G. University of Michigan	101,781	119,255
H. Center for Political Studies (direct payment)		25,000
I. Center for Political Studies (loan)	<u> </u>	<u>25,000</u>
	\$1,140,041	\$1,490,585