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American State College Community Service Project  Robert McCune, Deputy Director CUA, is serving on the national steering committee of the American State College Community Service Project. The project involves seven state colleges and regional universities developing and testing their own models of community service. These individual tests will be monitored by a small national staff and the results disseminated by a variety of means including a national seminar for those institutions of higher education involved in community service programs.

A national consortium has been formed to direct the project and is composed of the following institutions: Eastern Washington State College, Cheney, Washington; Federal City College, Washington, D.C.; Mankato State College, Mankato, Minnesota; Northern Arizona University, Flagstaff, Arizona; Rhode Island College, Providence, Rhode Island; University of Nebraska at Omaha; and the University of South Florida, Tampa, Florida. In addition the consortium and project are receiving financial and professional support from the Community Service and Continuing Education Branch, U.S. Office of Education, and the American Association of State Colleges and Universities.

The project is being funded in its initial phase by a planning grant from Title I, Higher Education Act of 1965.

Census Report #1  CUA Census Report #1, entitled 1970 First Count Census Data: Population and Housing Characteristics for Douglas County, Nebraska, is now available. Forthcoming census reports will include Sarpy and Pottawattamie County population and housing characteristics, analysis of age/sex distribution, intra-urban migration rates and elderly population characteristics.

Day Care Facilities  A current Center project is the development of a card index system which will provide information on day care services available in the Omaha area. Entries will be listed by specific categories and the card index form will allow rapid recovery of information. Card index decks will be duplicated and distributed to agencies likely to receive inquiries about day care. The Omaha Committee for Community Coordinated Child Care has expressed interest in serving as a central distribution agency and in coordinating periodic updates for the system. Index decks will be available for use by the end of March, 1971. Further information may be obtained from Carol Lunbeck, Research Director - CUA.
First Count Census Tapes In February, CUA received the First Count computer tapes for Nebraska and Iowa. Approximately 400 data cells of information exist for the following geographic areas: enumeration district, block group, census tract, minor civil division, place, county, congressional district, and State summary. Specific data requests may be addressed to John Zipay at the Center.

KWIC/CUADD Work is continuing on the Key Word in Context/Center for Urban Affairs Data and Documents system, a computerized index of all CUA data holdings. Presently, about 80% of the Data Bank documents have been entered into the new system and plans are being made for the formation of several new data files. The initial KWIC/CUADD index will be operational by April 1, 1971.

Mayor's Committee for Economic Development The Center for Urban Affairs has agreed to provide social and economic data and other related services to the Mayor's Committee for Economic Development up to the amount of $2,000 for the next fiscal year. This "in kind" contribution will assist the Committee in fulfilling its matching requirements needed for acquisition of federal funds.

Dr. E. J. Steele, Acting Director of the Center for Urban Affairs and Chairman of the Department of Economics, has been appointed to the Committee.

McDUC The Metropolitan Census Data Use Consortium will meet on March 18 to receive the ad hoc committee report on the development of cooperation among Omaha agencies in the use of computerized census data. The group will also establish direction and policy guidelines.

New CUA Acting Director Dr. Elroy J. Steele, Frederick W. Kayser professor and head of the Department of Economics, is the new acting director of the Center for Urban Affairs.

His appointment was approved February 6 by the University of Nebraska Board of Regents meeting in Lincoln.

Dr. Steele replaces Dr. John Nye who remains at UNO as associate professor of sociology.

Omaha's Black Population John Zipay, Census and Geographic Study Coordinator, has had long-standing interest in the spatial and temporal patterns exhibited by Omaha's Black population. The following general characteristics of Omaha's Black population were derived from two data cells on the 1970 First Count computer tapes.

± Less than one-half of 1% of the population west of 48th Street is Black.

± One Black in 35 lives west of 48th Street.

± In the 15 North Omaha census tracts which contain the greatest number of Blacks, the 1970 number of Black persons per occupied housing unit was 3.43; in 1960 the number of non-white persons per occupied housing unit was 3.69.
± This area had 6,297 more Blacks than in 1960 (27.4% gain), but 19,133 fewer whites (56.1% loss).

± In these 15 tracts, 51.5% of housing units were owner occupied; in 1960 the comparable figure was 54.9%.

± This area had a 1970 residential vacancy rate of 11.6; in 1960 it was 3.5.

A similar type of analysis has been performed for the seven census tracts which, in Mr. Zipay's opinion, constitute the Black core. These tracts cover an area from 16th Street to 30th Street and from Cuming (900 North) to Lothrop Street (3200 North) and Bristol Street (3300 North).

± There were 1,240 fewer housing units recorded in 1970 than 1960. In 1960 there were 6,305 units; in 1970 the Bureau of the Census counted 5,065 units.

± In 1970, 42.2% of Black housing was owner occupied; in 1960 it was 46.0%.

± In 1970, 36.5% of white housing was owner occupied; in 1960 it was 26.8%.

± In 1970, the number of Black persons per occupied housing unit was 2.92; in 1960, the number of non-white persons per housing unit was 3.47.

± In 1970, the number of white persons per occupied housing unit was 2.44; in 1960 it was 3.06.

± This area had a 30.6% loss in Black population -- 15,292 to 10,618.

± This area had a 72.6% loss in white population -- 5,040 to 1,380.

± The residential vacancy rate in this area in 1970 was 15.4; in 1960 it was 4.1.
South Omaha Study  CUA is negotiating an agreement with the Ken R. White Company (of Denver) to do a study of South Omaha to aid in the selection of the most reasonable corridor for the proposed south expressway. A random sample of households in the target area will be surveyed in connection with the study which is only one stage in the planning process of the proposed freeway. Social and cultural considerations are increasingly important in construction and planning activities and the CUA study will attempt to determine the social boundaries of neighborhoods and the degree of cohesiveness within those boundaries.

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CUA HIGHLITES

CUA/McDUC Census Activities The Center for Urban Affairs, through the Metropolitan Census Data Use Consortium and the Douglas County Systems and Data Processing computer, has obtained all First Count data items for Douglas, Sarpy, Lancaster and Pottawattamie counties. Over one-half million data items are available from the census for these four counties. Present CUA research centers on age structure analysis and age-specific migration, the elderly population, and owner-renter housing characteristics. Information about McDUC and current and future CUA census activities may be obtained from John Zipay.

NCDAI Training Seminar Keith Maw, CUA Data Base Coordinator, attended a three-day training seminar sponsored by the National Clearinghouse for Drug Abuse Information. NCDAI will have several remote terminal locations as part of a pilot program which permits direct, on-line access to NCDAI computer files. The seminar, held in Bethesda, Maryland, April 19-21, was intended to acquaint federal, state, and regional program participants with systems utilization. The CUA is investigating the possibility of joining the pilot program.

Drug Abuse Information The Center for Urban Affairs has entered into a joint grant application with the Omaha Drug Abuse Information and Education Center at Creighton University for the purpose of creating a data retrieval system which would use the facilities of the CUA and the UNO Computing Center. The data retrieval system will provide a local clearinghouse for resource materials and persons in the area, and will include a periodically updated, computer generated KWIC (Key Word in Context) index. The system would be affiliated with the National Clearinghouse for Drug Abuse Information (NCDAI). The activity of the CUA is just one phase of the project which, in its entirety, will provide comprehensive drug abuse education for the Omaha area. The Drug Abuse Information and Education Center at Creighton University is the designate agency to direct the drug information and education component in the Omaha Drug Abuse Program.

Census Information The map on page 3 "1960-1970 Population Change by Census Tract, Omaha, NE," was prepared by John Zipay, CUA Census and Geographic Coordinator.
EDA North Omaha Study  The Mayor's Committee for Economic Development (EDA) is currently involved in an economic feasibility study for Omaha's near north side. The study includes the area from Cuming to Ames, 30th Street to 9th, Florence Blvd. to Read to 9th (shown below).

The basic issue requiring research in the North Omaha redevelopment area involves the identification of specific opportunities for the creation of additional employment for the area residents. In addition, research is necessary to identify the technical and/or financial assistance required to fully develop such opportunities and the appropriate delivery system for providing such services.

The feasibility study is being conducted by National Progress Association for Economic Development, a Philadelphia-based consulting firm directed by the Reverend Leon Sullivan. In connection with this study, EDA has obtained the assistance of several contractual in-kind contributors, including: The Mayor's Committee for Economic Development, the Omaha City Planning Department, the Center for Urban Affairs, the Computer Center of the University of Nebraska at Omaha, and the Omaha Junior Chamber of Commerce. In addition, the services of several non-contractual in-kind contributors are available. These are Kellem Community Housing, Inc., Greater Omaha Community Action, and the Opportunities Industrialization Center.

The study, funded by the Economic Development Administration of the U.S. Department of Commerce, is scheduled for completion by August 31, 1971.
1960 - 1970 POPULATION CHANGE
by census tract, Omaha, NE
Gottmann Visit  Dr. Jean Gottmann, currently Professor of Geography and Chairman of the Department of Oxford University, visited the Center for Urban Affairs during his week's stay in Omaha as the guest of the UNO Geography Department. Professor Gottmann was in Omaha to speak at the UNO Honors Convocation on April 14. He is an internationally-known urbanist with primary interest in the "overdeveloped" world. His 1961 book, *Megalopolis: The Urbanized Seaboard of the Northeastern United States*, is already a classic in urban literature. Through meetings, talks, and discussion groups, students, faculty and others interested in the development of Omaha benefited from Professor Gottmann's world-wide knowledge. The Center has offered to provide Dr. Gottmann with any local data necessary to further his research efforts on a "geography of transactions."

Minority Program Survey  Mrs. Joan Baker of CUA is developing a listing of those programs now existing at UNO which specifically concern themselves with minority group students. Each program will be described in the listing and a contact person involved in the program will be noted.

The intent of this project is to broaden public knowledge of UNO's offerings in this area by widely distributing the listing to Omaha's public, private, and parochial schools, civic groups, and other interested groups. A survey of these programs may also serve to identify important deficiencies in this area of study.

KWIC/CUADD  The first cumulation of the Key Word in Context/Center for Urban Affairs Data and Documents system has been completed. Subfiles included in the system are:
(1) Bibliography - includes bibliographies and lists of publications relating to urban affairs.
(2) Metafile - includes materials on information systems.
(3) General File - contains 1300 documents relating to the field of urban affairs, with emphasis on manpower, demography, and urban problems.
(4) Drug Abuse Information - includes both listings of materials available at the CUA and listings of information from other agencies and libraries in the area.
(5) Census File - contains materials relating to the U.S. Census and analyses of this data by the Center.

A map file and a special "hard data" file are currently being compiled. Omaha area agencies and organizations will be contacted within the next few weeks regarding the establishment of an information exchange network for the metropolitan area.
New Publications  The following publications are recent acquisitions of the CUA Data Bank:


Fertility Indicators: 1970. (Current Population Reports, Series P-23, No. 36, April 16, 1971, 56 p., $0.60) Data from a series of national surveys on birth rates, cohort fertility, age structure and marital status fertility by social and economic characteristics, childspacing, illegitimacy, and birth expectations of the population.

Counterbudget - A Blueprint for Changing National Priorities 1971-1976. (A Report from the National Urban Coalition, Praeger, 1971, 348 p., $2.95) The assumptions underlying the Federal budgeting system are subject to close scrutiny in this recently released report. Designed to open Federal spending to broad public discussion, Counterbudget offers a comprehensive economic and political analysis of possible alternatives over a 5-year period.

Area Travel Survey. (Census Use Study No. 11, Census Bureau, 1970, 48 p., $0.50) This report describes a "special purpose" travel survey conducted to augment the New Haven "dress rehearsal" census of 1967. Included are formats of standardized tabulations available for transportation planning.

Health Information System - II. (Census Use Study No. 12, Census Bureau, 1971, 312 p., $3.50) This is the second report on the development and implementation of a computer-based health information system. In addition to text, this report contains six technical appendices and a bibliography containing definitions of terms, technical systems documentation, and various kinds of tabular presentation.

Geocoding with ADMATCH - A Los Angeles Experience. (Census Use Study No. 14, Census Bureau, 1971, 28 p., $0.25) This publication describes experiences in using the ADMATCH (Address Matching System) with a variety of local geographic base files, including a census tract index, an ACG (Address Coding Guide) file, and an ACG/DIME (Dual Independent Map Encoding) file.
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CUA HIGHLITES

ASCCP Meeting - On June 21, Dr. Robert McCune was in Washington, D.C. to participate in a meeting of the steering committee of The American State College Community Service Project. (CUA Newsletter, March 1971) The morning session of the meeting, held in the offices of The American Association of State Colleges and Universities, was devoted to revising the Project's funding proposal along guidelines suggested by Dr. Donald Deppe of the U.S. Office of Education. The afternoon session was held in the facilities of the U.S. Office of Education as a briefing for the director of the newly-created National Center of Educational Research and Development. This HEW organization was created to provide funding for major new projects in applied educational research and development.

The Community Service Project is being sponsored by AASCU and has the endorsement of the national director of the Title I, Higher Education Act of 1965. If approved, the project would provide assistance to UNO as well as to other colleges and universities for the continued planning of the most efficient use of university resources in community service.

CUA Census Activities - Representing the Center for Urban Affairs and the Metropolitan Census Data Use Consortium, Mr. John Zipay recently visited the facilities of the Bureau of the Census in Suitland, Maryland. The purpose of the trip was to acquire further information on 1970 Census tape release schedules; map series plans; and usage of the Address Coding Guide (AGG), Dual Independent Map Encoding (DIME), Grid Related Information Display (GRID), and the Address Matching (ADMATCH) Systems.

CUA Publications - An updated listing of publications available from CUA, has been completed. Copies of the listing may be obtained by writing or calling the CUA offices.
Education and Manpower - The Center is currently in the process of updating and expanding the report, Education and Manpower in the Omaha SMSA. There has been a much greater response from the Omaha Public Schools this year, which will make possible more accurate information. This year also, an increased number of state colleges and universities are participating in the survey. The Center intends to add education and manpower information from the 1970 Census, should this information become available at a reasonably early date.

Omaha History - A UNO history student, working under the direction of Dr. Joanne Carrigan, is collecting papers of historical interest in the Omaha area. The papers will be temporarily maintained by the Center for Urban Affairs.

South Omaha Study - Mrs. Carol Lunbeck, Social Research Coordinator, travelled to Denver to confer with the Socio-Economic Review Board of the Ken R. White Company. Mrs. Lunbeck discussed with the Board progress on the South Omaha Study. Phase I of the study is nearing completion and should be ready for the White Company's presentation to the State Department of Roads in late July.

Staff Changes - Mrs. Linda Nicola has left the CUA staff to join the staff of Allis-Chalmers Credit Corporation as a secretary-receptionist.

Dr. Ralph H. Todd, formerly of Pullman, Washington, joined the CUA staff in mid July. Dr. Todd, who received his doctorate in economics from Washington State University in April, 1971, has particular interest in the areas of public finance, monetary theory, and general economics. He will serve the Center in the capacity of Economic Analyst.

New Publications - The following publications are recent acquisitions of the CUA Data Bank:

General Demographic Trends for Metropolitan Areas, 1960 to 1970. (Bureau of the Census, PHC(2), 1971) This publication is one of a series of 1970 Census reports concerned mainly with population and housing trends from 1960 to 1970. Statistics on population characteristics by race, age, and metropolitan/non-metropolitan residence, along with general housing characteristics, (in-city and out-city) for all SMSA's are presented. The Center has reports for 31 states and will obtain more as they are released from the Census Bureau.

Use of Address Coding Guides in Geographic Coding: Case Studies. (Bureau of the Census, March, 1971, 70 p., $.70) This is a summary of ACC Conference Proceedings from a conference in Wichita, Kansas in November, 1970. The conference was held to discuss experiences of several metropolitan areas that have been working with Address Coding Guides. Formal papers outlining the experiences of Wichita, Washington, D.C., Orange County, Atlanta, and Kansas City are accompanied by edited reports of question and answer periods. The result is a document of considerable value to persons considering the use of ACC's and the ADMATCH program.
County Business Patterns (Nebraska). (Bureau of the Census, June, 1971, 72 p., $.70) This publication presents first quarter employment and payroll statistics by county and by industry. The information presented on reporting units, payroll, and employment by industry classification, and county location is useful for market potential analysis, measurement of the effectiveness of sales and advertising programs, determination of sales quotas and budgets, regional industrial structure analysis, preparation of economic studies of small areas, and many other business uses.

Drug Education Bibliography. (National Coordinating Council on Drug Education, 1970, 45 p., $5.00) This is a comprehensive bibliography dealing with all phases of the drug abuse problem. It contains references to hundreds of books, articles, and pamphlets on drug abuse information. The bibliography also contains recommendations of materials particularly helpful to the individual reader who is just beginning and needs basic orientation as well as factual knowledge.

The Center has recently acquired a small "library" of some 25 publications concerning regional problems by the Metropolitan Fund, Inc. The individual reports treat in some detail topics including: automobile disposal, building codes, public transit, data processing, and law enforcement training. Also included is a special two-part publication on the concept of regional new towns.
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The Center for Urban Affairs has been designated the Research and Development component of the Mayor's Office. The purpose of the designation is:

1) to make available, to local government, university resources for understanding and solving particular urban and metropolitan problems.

2) to advance a coordinated program of continuing urban research, grounded in practical experience and application, relevant to urban management, human resources, and urban environmental and developmental problems.

3) to advance university capabilities in relating research and training activities more effectively to urban concerns and the conditions of urban living.

The Center will develop a method which will enable Creighton University, St. Mary's College, The University of Nebraska Medical School, and any other institution of higher education to participate in the program.
CUA Participates in Pilot Program

The Center is participating in a pilot program sponsored by the National Clearinghouse for Drug Abuse Information. The operations of the drug abuse information system are centered around DOCPROC (Document Processing), an IBM software package, which allows search for documents by occurrence keywords in abstracts. The NCDAI files contain thousands of abstracts concerned with all phases of the drug abuse problem, with special files on both federally and locally sponsored programs and projects. Access to the system is gained via a Model 33 teletype terminal over long distance telephone lines to Rockville, Maryland. The only cost to NCDAI information system users for searches will be for long distance toll charges. Users will be provided with a print-out of relevant abstracts, usually within 3-5 days. Copies will be maintained at the Center and added to the Drug Abuse file.

Data Users' Survey

In late August, a CUA data Users' Survey was mailed to Data Bank users. The questionnaire represents an additional step in determining the data needs and data-production capabilities of Omaha area agencies. The completed survey will provide information needed to analyze possibilities arising from the interaction of local data-gathering efforts and the 1970 Census. It will also provide information necessary for the Center's planning and budgeting in the next fiscal year. To date, response to the questionnaire has been slow. CUA would appreciate return of the forms as soon as possible.
McDUC

The Metropolitan Census Data Use Consortium (McDUC) has recently received Second Count File A and Third Count census summary computer tapes for Nebraska and Iowa. The Second Count tapes will provide 3,347 population and housing data items for all tracted areas. Only 256 of these items will be available from the printed report.

The Third Count tapes contain 245 population and housing data items by city blocks for all metropolitan areas and all places participating in the contract block statistics program. The printed block report will identify only 24 data items. For information on computer feasibility or costs, contact John Zipay at CUA or Paul Rivard, Consortium Technical Advisor at Douglas County Systems and Data Processing.

Hard Data File

A "hard data" file is now being compiled, which will be a special subfile in the KWIC/CUADD system. When completed, this file will provide easy access to facts contained in maps, charts, and tables in documents concerned with the Omaha SMSA.

KWIC Index

The KWIC (Key Word in Context) index, a computerized index of all CUA data holdings, has been updated and now includes over 2000 entries. This is an increase of some 136% over the original listing which became operational in April, 1971.
Data Bank Acquisitions

The following publications have been acquired recently by the Center for Urban Affairs Data Bank. Copies may be obtained by writing the sources listed for each publication, or the Data Bank copy may be used at the CUA offices.


As an Urban Renewal Demonstration Grant Project, this study's objective is to demonstrate methods for analyzing urban situations where human interaction is conceived to be an important consideration in the design of the environment. It contains interesting research on pedestrian mobility in Central Business Districts, including horizontal and vertical linkages.


Through the cooperation of the State agencies which administer (or supervise the administration of) Federal-State public assistance programs, information was identified relating to the basic characteristics of general assistance in each State as of December 31, 1969. This information for all states, the District of Columbia, Guam, Puerto Rico, and the Virgin Islands is provided in this
study. The areas covered are: General Description, Conditions of Eligibility, Standards of Assistance and Payment, Administration, and Other Aid from Public Funds.

1970 Census Data Used to Indicate Areas with Different Potentials for Mental Health and Related Problems. (National Institute for Mental Health, Series C, No. 3, April 1971, 33 p., $.45)

It is recognized that census demographic data are essential to the delineation of mental health center catchment area boundaries and to the description of catchment area populations in order to determine the extent and need of psychiatric services and the kinds to be offered. This paper reviews the steps taken in the initial stages of a project to test and evaluate procedures that can provide the relevant data rapidly, at low cost, and in the most useful format for effective planning.


The object of the First Symposium on Geographical Information Systems was to explore the scope for environmental data-handling in digitized form and how it may be used to shorten the period between the collection of the data and their utilization. Information on System Review, Data Input, Data Use and Manipulation, and Data Display and Presentation is covered.

Bus Study

The Center for Urban Affairs is currently processing approximately 2400 questionnaires for the Council Bluffs Urban Renewal Authority. The questionnaires, distributed in late August, were completed by Council Bluffs city bus passengers, and relate to origin-destination, trip purpose, frequency of travel and bus utilization. Results should be available in early October.
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John Zipay, Census and Geographic Coordinator
New CUA Studies

Carol Lunbeck, Social Research Coordinator, has completed work on two studies soon to be published by the Center. One, a study of Indian population, was begun as a result of an inquiry from the City of Omaha Human Relations Department. The study includes Indian population data for Nebraska with emphasis on Douglas County statistics.

The other report is the first in a series of studies on child care in Omaha. This initial study includes analysis of child care facilities and enrollments. Ms. Lunbeck hopes to conduct other studies on child care dealing with topics such as needs, a model for decision-making, and costs.

SPSS Computer Package

By an agreement with the Bureau of Sociological Research on the Lincoln Campus of the University of Nebraska, the Center has access to a computer package called the Statistical Package for the Social Sciences (SPSS). There are approximately 15 programs in this package including frequency distributions, crosstabulations, regression analysis and factor analysis. The use of these programs will greatly extend the computer capabilities of the Center.
Keith Maw, Data Base Coordinator, and John Zipay, Census and Geographic Coordinator, attended the 54th annual conference of the American Institute of Planners in San Francisco from October 24th to the 28th. During the four-day conference, they attended meetings dealing with Census data (mapping, summary tape processing, housing, social indicators...) and information systems (standardized data bases, geographic base files, DIME coding, automated information processing...). The gastronomes are eagerly awaiting the Urban and Regional Information Systems Association (URISA) meeting to be held in San Francisco next September.

The Center and the Census

1970 Census Computer Tapes

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<th>DATA CELLS FOR</th>
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FIRST COUNT  
block group/ enumeration district  
409 0 232,000  
+ Have received tapes

SECOND COUNT  
census tract  
3,347 256 318,000  
+ 100% complete count data

THIRD COUNT  
census block  
245 25 1,392,000  
+ Population and housing

FOURTH COUNT  
census tract  
7,411 250 704,000  
+ Available late 1971(?)

FIFTH COUNT  
zip code  
904 0 46,000  
+ Social and economic
The Center for Urban Affairs has the following Census items:

1) Map reproducibles of the Omaha Metropolitan Map Series (MMS). Copies are available at 50¢ per sheet or $4.00 for the complete set of ten. These are identical to the Census Bureau's $10.00 set.

2) CUA has at least one extra copy of Nebraska/Iowa First Count block group/enumeration district computer output for the following counties: Dodge, Douglas, Lancaster, Sarpy, Washington/Fremont, Harrison, Mills, Montgomery, Page, Pottawattamie, Shelby. Prices range from $10.00 to $35.00 for Lancaster and $50.00 for Douglas. These data (as well as all other data available) may be used at the Center without charge.

3) First Count File B microfilm which presents data for counties, minor civil divisions, and incorporated places in Nebraska. Printed pages from the microfilm are available for cost of reproduction.

4) Advance Census tract tables (P1, H1, H3) for the Omaha SMSA, courtesy of Mr. Wilber Limpp of the Omaha Chamber of Commerce. This 27-page summary contains First and some Second Count Census data with percentages, ratios, and medians computed. Copies are available at a $1.00 cost of reproduction.
5) Data item descriptions for First through Fifth Count Census.

6) Limited copies of U.S. Census reports are available at GPO prices.

7) Third Count "dump" on microfiche. CUA in conjunction with McDUC, has produced a Third Count "dump" on microfiche for the Nebraska counties listed below. This presents a far greater sophistication of data than available from the HC(3) printed block report. Microfiche for Pottawattamie and Woodbury Counties in Iowa are expected shortly at comparable prices.

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<th>County</th>
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<td>$10</td>
</tr>
<tr>
<td>Scotts Bluff</td>
<td>319</td>
<td>$6</td>
</tr>
</tbody>
</table>

8) Social indicators from the First Count Census. The Center now has 18 social indicators by census tract including marital unrest index, minor population, elderly population, dependency rate, overcrowding index, and low rent index. Other categories to be added include black elderly population, fertility ratio,
matriarchy index, fatherless children, school load index, and black home ownership. Indicators will also be available by block group, at some future time. The Center hopes to publish a series of computer-generated maps of selected indicators. Any persons interested in these indicators or in suggesting other indicators may contact John Zipay or Keith Maw at the Center.

Microforms

As the sheer volume of data produced by research in the U.S. grows, so also grow the problems of storing and retrieving the information. One solution, enjoying increasing popularity, is that of microforms, the storage of greatly reduced photographic images of the original document. There are three basic forms -- microfilm, available in 16mm through 105mm, and familiar to many people; microfiche, or sheet microfilm; and microcards, actually a black-on-white print of microfiche. Of these, microfiche is becoming the most popular.

Microfiche is compact. Federal agencies now use a standard 4" by 6" fiche containing up to 70 pages. The entire 1970 Census -- some 1,400 reports and 5,000 maps -- will fit into one 4" by 6" file drawer.

Microfiche is convenient. The discrete quality of the data makes indexing fast and easy, and ideally suited to computer retrieval.

Microfiche is economical. Government research reports from the National Technical Information
Service (NTIS) cost from $3.00 to $6.00, depending upon length. Microfiche versions of these reports cost 95¢. When ordered in quantity through the Selective Dissemination of Microfiche (SDM) system, the price drops to 35¢ per report. Through this service, the entire 1970 Census is available for less than the cost of the printed block reports alone. Microfiche readers can be acquired for as little as $200.00.

Because of space and budgetary problems, and the need for the most current research, the CUA Data and Documents Library (Data Bank) is relying more and more on microfiche reports. A sample of the variety and depth of these projects is used for this month's acquisitions list.

**Data Library Acquisitions**

PB-201 172 Employment Patterns by Age, Race and Sex in Urban Labor Markets. (by A. A. Cook, Jr. prepared for the Office of Economic Opportunity, May 1971)

A study of employment by age, race and sex in urban labor markets. The Social Security Administration's Continuous Work History Sample constitutes a major source of the data on covered employment and is used in describing the employment of each group relative to the others and the varying distribution of employment (for the groups) across the SMSA's.

PB-201 212 Housing 1970: An Identification of Selected Categories from the First Count 1970 Census Which Reflect Housing Conditions in the Coastal Bend. (Coastal Bend Regional Planning Commission, June 1971)

This report identifies selected 1970 First Count
Census data which reflect overall housing conditions in the State Coastal Bend Region and Corpus Christi Standard Metropolitan Statistical Area. Additional selected information concerning ethnic composition, family characteristics, and general population data have also been retrieved from First Count Census for cities as well as counties. Information on the emergency housing of families in government-leased mobile home trailers is briefly presented.

Census 70-Other 01 Alphabetical Index of Industries and Occupations. (U.S. Department of Commerce, Bureau of the Census, June 1971)

The purpose of the index is to classify the industry (the nature of the business of a person's employer) and occupation (the type of work in which a person is engaged). The index lists approximately 19,000 industry and 23,000 occupational titles in alphabetical order for the 1970 Census.

PB-199 553 A Model for Predicting Transit Ridership: Interim Technical Report #7. (Sacramento Transit Authority, April 1971)

The report is one of a series reporting on a demonstration project establishing a new cross-town bus line. A simple model for estimating the demand for transit is evaluated. The model is primarily based on socio-economic factors.


This report deals with the development of a more adequate housing information base as an integral part of a continuing housing planning program.
PB-200 317 Communications Technology for Urban Improvement. (National Academy of Engineering, June 1971)

This report is a result of a request by a consortium of Federal departments in February, 1970, that the Committee on Telecommunications study (1) the possibilities for the better application of telecommunications technology to current city functions in order to improve city living and (2) the potential of such applications for stimulating favorable patterns of regional development. The report also contains an interesting section on the applications of cable television in urbanized areas.

PB-200 520 Day Care Survey 1970: Summary Report and Basic Analysis--Appendices. (Westat, Inc., April 1971)

This is a survey and analysis to provide statistical descriptions of existing day care facilities, services, costs, users, and potential users; to provide some analysis of demand and market processes in relation to unmet needs for day care services; and to provide a data base for further analysis and planning.


This study reports the results of an evaluation of an experimental child day care center sponsored by the Department of Labor for its employees. The evaluation study existed over a six-month period from March to August, 1970.
PB-178 331 Community Profile. (Office of Economic Opportunity Information Center, 1966)

The Community Profile Project is designed to increase the scope, accessibility, accuracy and utility of information which supports the planning and evaluation of programs for community improvement. The system compiles data for 3,135 U.S. counties and county equivalents that sub-divide each state into independently administered localities. CUA has microfiche available for Douglas, Sarpy, and Washington Counties in Nebraska, and Pottawattamie County in Iowa.

PB-200 483 The Quality of Life in Iowa: An Economic and Social Report to the Governor for 1970. (Prepared by the Office for Planning and Programming, March 1971)

The purpose of this report is to assess the economic and social health of the State of Iowa during 1970. Included is a sector-by-sector analysis of the quantitative changes in agriculture, manufacturing, banking, government, wholesale and retail trade, construction, transportation, communications, and public utilities. Also, consideration is given to population changes over the past decade, labor force and employment changes and personal income trends.


The study analyzes the relationship between the proportion of the population receiving public assistance payments under the Aid to Families with Dependent Children program and the level of
income available to recipients from the program relative to expected earnings.

**Child Care Research**

On November 17, a meeting on child care in Omaha was held at the Center for Urban Affairs. The seven participants were people involved in research on child care and represented Urban League, Greater Omaha Community Action (GOCA), Community Coordinated Child Care (4C's), and CUA. The purpose of this meeting, and future meetings, is the coordination of efforts in studying child care arrangements and needs. Anyone interested in such research may contact Carol Lunbeck at the Center.
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New School

Dr. Elroy J. Steele has been appointed Interim Dean of the School for Public Affairs and Community Service (SPACS). The new school has three major areas of activity: Degree Programs, Training and Service, and Research.

Dr. Orville Menard, Interim Coordinator of Degree Programs, is responsible for the investigation and development of existing and new degree programs in the School.

The Interim Coordinator of Training and Service, Mr. John Else, has administrative responsibility for three separate programs: Cooperative Education, directed by Dr. Robert Hunter; Nebraska Opportunity for Volunteer Action (NOVA), directed by Mr. Mike Adams; and Manpower for Urban Progress, directed by Mrs. Rosslyn Shrier.

Dr. Robert McCune has been named Interim Coordinator of Research for SPACS. His area of responsibility is primarily the Center for Urban Affairs, the major research unit of the School.
Social Indicators

The Center, in cooperation with the Metropolitan Census Data Use Consortium, has produced three sets of socio-economic indicators from First Count census tapes. They may be purchased from the Consortium at very reasonable prices. Tabular presentation is by block group, with totals for either split block groups or tracts. The indicators included are:

A. Minor Population
   Elderly Population
   Black Elderly Population
   Pre-School Children
   Dependency Ratio
   Children in Extended Families

   Overcrowded Children
   Sex Ratio
   Fertility Ratio
   School Load
   Normal Family Life

B. Marital Unrest
   Matriarchy
   Fatherless Children
   No Child-Rearing
   Chances for Marriage
   Black Chances for Marriage

   Classroom Requirements
   Average Household Size
   Family Dependency Load
   Non-White Population
   Black Population

   Roomers and Boarders

C. Overcrowded Housing
   Incomplete Plumbing
   Low Rent Units
   Average Monthly Rent
   Low Value Units
   Owner Occupancy

   Black Owner Rate
   Black Owners
   Vacancy Rate
   Single-Family Units
   Average Unit Size

   Average Owner Occupied Value

   Black Occupancy

Most of the indicators are actually expressed as percentage rates or indexes—such as Minor Population Percent and Matriarchy Index.

More information on specific indicators and costs is available from Keith Maw at the Center.
**New Staff Member**

Mr. Larry Mazzotta joined the CUA staff as a full-time research assistant in January, 1972. Larry is also completing work on a B.A. in Urban Studies at UNO. He is married, and his wife, Vicky, teaches reading at Mission Junior High School.

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Data and Documents Library

Reference Services

1) Who may use the reference services offered by the Center?

These services are made available to anyone in the community. However, preference is given to students and staff members of the University and to representatives of local public agencies.

2) How long will it take to obtain information?

Most reference questions can be answered during the first communication. Response may take one or two days, however, if the staff is extremely busy or if more involved research is necessary.

3) What types of information are available?

Most requests for information concerning urban affairs can be answered, either by supplying the information directly or by referral to an appropriate person or agency. Typical topics are housing, population, transportation, urban ecology, and drug abuse.

4) What is the cost of reference services?

In most cases there is no charge. There will be charges, however, on projects requiring extensive use of materials, photocopying, staff time, long distance telephoning or computer time. In all cases, fees will be established and agreed upon in advance for these larger projects.

Lending Services

1) Who may borrow materials from the Data and Documents Library?
Borrowing privileges are extended to all persons in the community. As with reference services, however, preference is given to students and staff members of the University and representatives of local public agencies.

2) What materials may be borrowed?

Most items in the library are available for loan. Exceptions include: reference materials, desk materials, equipment, computer output, and most items for sale.

3) What is the length of the borrowing period?

Most loans are for a period of four weeks, but the length of time varies with the type of document requested. Exceptions to the general rule may be granted by the Data Base Coordinator.

4) Is photocopying available?

Xerox 914 copies are available to library users at minimal cost. Larger copying customers will be billed on a monthly basis.

Expressway Study

CUA has now completed both Phase I and Phase II of a study of South Omaha neighborhoods, carried out through an agreement with the Ken R. White Company of Denver. The purpose of the study is the consideration of social and cultural characteristics in the determination of the most reasonable corridor for the South Omaha Expressway.

Phase I included research design, information-gathering, data tabulation, and preliminary analysis of data. A report establishing three alternate corridors was submitted to the White Company.

Phase II included final analysis of the data gathered and selection of the single most reasonable corridor for the highway.
EDC-CUA Agreement

The Economic Development Council (EDC) of the Omaha Chamber of Commerce and the Center for Urban Affairs have signed a new working agreement for the period from April 1, 1972 to December 1, 1972. The agreement is a result of the recognition by EDC and UNO of the need for maintaining, in one location, a file of basic, current, accurate, and reliable information concerning the Omaha-Council Bluffs metropolitan area. In addition, the agreement allows the University to increase and improve its service to the community.

The $10,000 recently pledged by EDC will support the following projects during the coming months:

1) Maintenance and updating of the tax model developed in 1971 and recommendations for corrective action in those instances where Omaha appears to be at a tax disadvantage in comparison to other metropolitan areas.
2) Maintenance and updating of the education study conducted in 1970 and 1971.
3) Development of (a) projections of the potential labor force in the Omaha SMSA (1975-1980), (b) labor migration patterns, and (c) a framework for an in-depth labor profile on the Omaha SMSA.
4) Assistance in the preparation of maps and graphic materials for use by the Council.
Population Changes

A study of population changes since 1950 in Nebraska metropolitan areas is now underway as a joint project of the Metropolitan Area Planning Agency (MAPA) and CUA. Stephen Kinzy of MAPA and Keith Maw of CUA will conduct the study of metropolitan counties including Dakota, Douglas, Lancaster, and Sarpy in Nebraska and Pottawattamie and Woodbury in Iowa. A variety of methods will be used to estimate small area populations and produce yearly population estimates for the years from 1950 through 1972 in these areas. The study will aid the population forecasting efforts of the Metropolitan Census Data Use Consortium.

The Center, in cooperation with McDUC, will conduct a survey concerning the needs for population estimates and projections and other social and economic data. Questionnaires have been distributed to many public and private agencies, real estate and investment firms and land developers to determine their needs for information as well as the extent of possible input to the project. Anyone desiring further information should contact Keith Maw at CUA.

Joint Project

The Nebraska Department of Economic Development has allotted $21,650 for a project sponsored jointly by the Community Development Department, UNL, and the Center for Urban Affairs, UNO. The project "A Consortium of Nebraska State Institutions of Higher Education for the Purpose of Inventory and Analysis of Community Service Programs", will be directed by Dr. Robert McCune of CUA. Initially, the Consortium will compile and publish a directory of community service functions of state educational institutions. The publication will complement the Directory of State Agencies published by the Nebraska Department of Economic Development.

The Consortium will bring together the community service officers of the Nebraska state institutions of higher education and establish a dialogue among them.
This dialogue will provide a method for determining the advisability of continuing the consortium concept as a practical means of facilitating future community service evaluation, program modification and/or program implementation.

**NPZA Meeting**

The annual meeting of the Nebraska Planning and Zoning Association (NPZA) was held at the Nebraska Center for Continuing Education on Saturday, April 15. Membership in NPZA is open to all persons and agencies interested in promoting planning and zoning in Nebraska. Ms. Carol Lunbeck and Ms. Kathie Fine represented the Center for Urban Affairs at the meeting.

Ms. Lunbeck was elected to serve a two-year term as a representative of NPZA District 5, which includes Douglas, Washington, Dodge, and part of Sarpy Counties. Mr. Mits Kawamoto, planning consultant from Omaha, was elected to serve a one-year term. District representatives are the liaison between their districts and the executive committee. They are responsible for the promotion of NPZA in the district and for assisting with the organization of district meetings.

**Transportation Study**

At the request of the City Office of Urban Resources, Keith Maw and John Zipay of the Center for Urban Affairs will prepare an analysis of the utilization of the Omaha Senior Transportation Service. Information obtained from the sale of some 7,000 tickets will be tabulated to determine such things as the percentage of eligible persons participating in the program and the correlation between participants and income statistics.

**Staff Member Leaving**

We regret the resignation of Susan Owicki, CUA Data Processing Coordinator. Sue joined the CUA staff in
August of 1970. Her husband, Jack, will receive his discharge from the U.S. Air Force in May, and they will then tour Europe for part of the summer before returning to Cornell University to complete their doctoral programs.

Data and Documents—Acquisitions


The main emphasis of the bibliography, which includes titles to mid-1971, is on the valuation of real estate for assessment. Books and articles giving clear complete coverage of a particular topic have been included in the first section "Selected Annotations." Other sections include Mass EDP Appraisal, Computers, and Statistical Analysis.


The publication has a threefold purpose: 1) provision of a reference document to acquaint businessmen and government officials with novel approaches to urban problem solving, 2) encouragement of these readers to put the devices into action, and 3) recommendation for the establishment of public service corporations to research potential solutions to urban problems and carry out the projects.

Policy Alternatives for Mobile Homes. (Constance B. Gibson, Center for Urban Policy Research, Rutgers University, February 1972)

The intent of this research has been to examine mobile home ownership and living conditions from the consumer's viewpoint; to analyze some of the constraints to optimal mobile home living and to analyze policy alternatives for removing these constraints; and to outline some of the ramifications of various policy options.
Why the Wheels: The Immobile Home. (Institute for Local Self Government, Berkley, California, February, 1972)

Most local government officials, from state legislators to building inspectors are woefully deficient in the training necessary to consider the mobile home for what it is—housing, not a perambulating item of transportation likened to the automobile. The topics touched upon in this series of "training sessions" for local government officials include taxation, zoning, regulation, intergovernmental approaches to this low-cost housing problem, and a bibliography on mobile homes.

The Police and Their Use of Fatal Force in Chicago. (Chicago Law Enforcement Study Group, Evanston, Illinois, 1972)

This study is a preliminary step toward what will hopefully be a thorough public examination of use and abuse of police authority in Chicago.

The study attempts to discern patterns in the conduct of police toward civilians in Chicago by examining incidents in which civilians were killed by police in 1969-70. Coroners' records, police records, and various newspaper accounts of 76 civilian deaths are included. Chicago police killed more civilians, numerically and proportionately, than did police in any other U.S. city.


This publication is based on the proceedings of the Interdisciplinary Workshop on Transportation and Aging held in Washington, D.C., May 24-26, 1970. The conference gave particular attention to current mass transportation policies, programs, and demonstration projects in light of their relevance and feasibility in meeting the needs for various subgroups of the elderly, including the low-income aged. Joint recommendation were developed to alleviate the problems and relieve the plight of our older citizens.
Source: Table P-1 of Census Tracts, Final Report PHC(1)-153, Omaha, NE-IA.

epstein
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