Name of the collection: University of Michigan-Flint  ECHO Program

Inclusive years: 1967-1981

Quantity: 29 linear ft. and 5 computer tapes

Acquisition: This collection (donor no. 187) was transferred to the Genesee Historical Collections Center on January 30, 1989.

Access: There are no restrictions on access to this collection.

Photographs: There were no photographs.

HISTORY

The ECHO (originally = Evidence for Community Health Organization; later = Educational, Charitable Health Organization) Program began in 1967 as one of seven local programs which constituted the Michigan Health Survey, a project authorized by Governor Romney and operated by the Michigan Department of Public Health. The Genesee County Health Department administered the local ECHO Program from its inception until 1978. The purpose of the Michigan Health Survey was to establish and improved a systematic process of collecting information about the physical environment, population characteristics, health concerns, and medical care. Most of this data fell outside the scope of the 1970 Federal census.

The Flint/Genesee County ECHO Program surveyed the county and city within the framework of two on-going projects: the Environmental Block Appraisal and the household interview. The Environmental Block Appraisal (EBA) was a "windshield" survey done by trained evaluators who surveyed each block, making note of all land uses, including the number of residential units, housing maintenance, environmental deficiencies and conditions, and vacant structures. The EBA was used as a basis for deriving samples from which household interviews could be made. The ECHO Program began the EBA for Flint and Genesee County in 1968; housing and land use data were available for 1969 through 1978/1979 for the City of Flint and for 1968 (Civil Division 9110 only), 1970, 1971, 1975, 1977, and 1978/1979 for Genesee County. Household interviews relating to a number of different issues were compiled during the agency's history.

Funding was a problem throughout the ECHO Program's history. From March, 1971 to March, 1972, data was collected but not analyzed, but at the end of that period, all program activities came to a halt. In July, 1972, however, grants from the Mott Foundation and other sources allowed the program to resume. County and city CETA funds formed the largest single source of its funding between fiscal year 1974/1975 and 1978 and permitted an annual budget of between $298,000, and $509,000. The ECHO Program accomplished most of its work during those years.

The discontinuance of CETA funds after 1978 forced the ECHO Program to look for new funding. The Mott Foundation was interested in its work and increased its annual support. In February, 1979, the ECHO Program became a part of the University of Michigan-Flint, which contributed financial and physical support. In 1980, it merged with a new office, the Metropolitan Research Consortium, intended as a vehicle to encourage faculty urban research, and became known as MRC/ECHO, reporting to the Provost/Assistant Chancellor for Academic Affairs.

The ECHO Program's budget in 1979 and 1980 declined greatly from earlier years and became overwhelmingly dependent on the Mott Foundation for support. Its activities declined as well. The ECHO Program ceased in June, 1981.
SCOPE AND CONTENT

As the ECHO Program was under the administration of the Genesee County Department of Health for most of its existence, all of the Program's research centered on Genesee County and the City of Flint. Although its primary focus was on public health issues, the ECHO Program looked into education, land use, and other areas, in its mission to provide current information to local governments and regional planning agencies. Most researchers interested in Flint or Genesee County's population during the 1970s will probably find something here of value.

The original order of the ECHO Program records has, in general, been maintained. From 1967 to 1976, the records were divided into the following series:

Correspondence. This includes files containing correspondence with various individuals and institutions who collaborated with ECHO on certain projects, as Michigan State University's Office of Health Services, Education and Research (OHSER); Michigan Department of Public Health; and community health committees, such as the ECHO Medical Advisory Committee and the Health Data Gathering Committee.

Data. This series, arranged topically, contains mostly summaries of demographic data on various topics produced from the EBA database and other ECHO databases. Unlike the coded printouts, which are sometimes difficult to decipher without researching the documentation on the codes first, data is written in ordinary language. They were compiled in response to both individual and organizational requests.

Documentation. Material here consists of coding instructions, information on procedures, sampling, etc., related to the machine-readable data on the computer tapes.

Grants. These files include grant applications, detailing proposed ECHO activities, with related correspondence.

Information requests. One of ECHO's purposes was to disseminate its findings to its community. This series consists of requests from a variety of sources for particular data, with attached responses.

Methodology. Most of the material in this series describes the various surveys undertaken by ECHO and the methodology.

Miscellaneous. Included in this series are Data Advisory Committee notes, memoranda, and correspondence; ECHO/OHSER Committee minutes, both of which contain comme. on the activities of ECHO; various local studies on environmental, political, and public health issues; materj from other ECHO Programs; contracts for survey research; a newspaper clippings.

Personnel. Under this series fall those files concerning the ECHO Program's staff. Many of these relate to training and evaluating interviewers. There are also a procedures manual, staff meeting notes, and other administrative matter.
Projects. These files document special projects undertaken by ECHO on behalf of clients. The projects covered a variety of issues. For the Flint Department of Community Development, ECHO worked on a land use survey of Flint. Surveys for the Flint Board of Education profiled elementary school areas in 1973 and studied the personalized curriculum in 1977. Also included are files on the "baseline" reports, i.e., the Michigan Health Survey, from different years.

For the years 1977 to 1981, files are organized by year and thereunder by topic. Certain files warrant special attention. Those labeled "questions of the month" contain results of monthly surveys on a variety of issues. "Information requests and responses" continue the same series. One notable project, the Teen Awareness Project, concerned adolescent sexual activity and teenage pregnancy. Another ECHO project was a Harvard School of Public Health study, "Community Services for Children and Youth in Genesee County, Michigan," 1978. Further topics include vocational education, gerontology, mass transportation, substance abuse, and health care. A 1981 Flint Area Health Foundation project contains lists of health care providers and brochures from area hospitals.

The Printout series (16 feet) contain the results of computer runs done between 1968 and 1979. In most cases, the data is coded and requires reference to coding sheets (found in the "Documentation" series) and maps. The folder list describes the contents of the printouts. They include the Environmental Block Appraisal and Michigan Health Survey (or "Baseline" report) from different years, for both the City of Flint and Genesee (called "out-county") County. Data are broken down, in different printouts, by elementary school area, census tract, block, and, in the case of the 1976 Flint Department of Community Development project, by planning district. One study used death certificates as a source.

Fifty-two tapes form part of the records. These include the Environmental Block Appraisal database, the Flint land use survey, and other databases, as well as corrections. Some of the tapes appear to be 7-track, although most are 9-track. Existing documentation on the tapes is contained in the "Documentation" series. Use of these tapes for future manipulation of data depends on their conversion to media up to current standards.

The following materials were judged to be not worthy of permanent retention: duplicates; individual Environmental Block Appraisal forms; other completed interview forms (together comprising about 30 linear feet); personnel records (4 feet); unsold publications (about 30 feet); and miscellaneous publications (2 feet). Other material was selectively retained, such as printouts, which comprise about half of the printouts in the original collection. Maps were separated from the collection and added to the map collection of the Genesee Historical Collections Center.

ECHO published the following studies, all of which are cataloged separately:

* A Workbook for Elementary School Analysis, 1974. HN 49 .C6 W6

Model Cities Program Special Study, 1975. HA 730 .F4 G4


Other studies are contained in the file folders under the series "Miscellaneous," "Projects," and under the series designated by year.
BOX 1
CORRESPONDENCE, 1967-1977

General

1967-1968
1975-1976

City of Flint, 1973-1976
Dluhy, Milan (University of Michigan), 1974-1975
ECHO Medical Advisory Committee, 1975
ECHO's usefulness, 1973-1974
Flint Community Schools, 1972-1975
Flint. Department of Community Development, 1976
Flint-Genesee County Health Department. Division of Environmental Health, 1975
Flint. Police Department, 1975

Form letters
Fourth Baseline Report, 1970
GLS Comprehensive Health Planning Council, 1973-1975
GLS Environmental Health Working Committee, 1975
GLS Health Systems, Inc., 1975-1976

Genesee County
Community Action Agency (Committee to Promote Action: COMPACT), 1972
Data Processing, 1975
Metropolitan Planning Commission, 1975

Genesee County Maternal and Child Care Association, 1972-1973
Health Data Gathering Committee, 1975
Human Services Planning Council of Genesee and Lapeer County, 1972-1973
Human Well-Being in Flint, 1974
Leadership Flint, 1973-1975

Mailing lists, 1974-1977

Memoranda

1975
1976

Michigan Department of Public Health, 1970-1974
Michigan Heart Association
Michigan State University. Office of Health Services, Education and Research, 1974-
1977

Miscellaneous, 1975-1976
Mott Children's Health Center, 1973-1974
Mott Foundation, 1974-1976
Unemployment in Genesee County, Mar. 24-May 10, 1975
University of Michigan, 1975
University of Michigan-Flint, 1972-1975

BOX 2
DATA

ADC counts, 1970-1973
Analysis of environmental conditions, City of Flint, 1967-1973
Baseline report, 1975-1976
Businesses in city and out-county by census tract and block numbers
Data summaries
  1975
  1976
Diabetes in children
Doyle Urban Renewal area, 1973
ECHO organization studies, 1976
ECHO tables/forms
Educational interest survey - University of Michigan-Flint, 1975-1976
Environmental and health data by census tract, 1971
Environmental data by school district, 1973
Estimating and sampling
Flint, 1973-1976
Flint and out-county, 1973-1976
Flint Board of Education, 1973-1976
Flint Community Schools Health Guarded Program, 1975
  Anderson-Dort
  Eisenhower-Neithercut
  Parkland-Williams
Flint-Oak Park project, 1968-1970
Health and demographic tables - 1976 Flint and outcounty
Health and environmental data - Genesee County, 1967-1968
Health care in Flint, 1968-1969
Health care tabulations for GLS, 1977
High school dropouts, 1970-1975
Housing, 1970-1973
Infant births and deaths, Flint, 1969-1972
Institutions - out-county and by school district
Maps
  Catalog
  City of Flint census tracts
    (1 of 2)

BOX 3

(2 of 2)
Color, 1970-1972
Demographic, 1970-1972
Dot map information
  1972
  1973
Genesee County census tracts and block numbers, 1974
Maps for school report, 1973
Statistical, 1969-1973
Michigan Health Survey
1968
Questionnaires, 1970, 1972-1974
Miscellaneous
Population
Genesee County, 1970-1976
Out-county, 1975-1976
Population projections for 1980-2005
Vital statistics, 1964-1975
Proposals, 1975
Question of the month/possible topics, 1976
Rodent control proposal, 1971
Transportation survey
Urban League
DOCUMENTATION
Block listings
Blocks listed by color codes, 1972
Census tract and block listing. Elementary school boundaries, 1968
Civil Division codes for Michigan counties
Code book
Volume 1
(1 of 2)
(2 of 2)
Volume 2
Volume 3

BOX 4
Code sheets, card files data
1975-1976
1976-1977
Computer runs, 1977
Data entry manual
ECHO Health Interview edit manual
ECHO questionnaire supplements
ECHO sampling methods
Fourth Baseline Report, 1970
Illness coding, 1975
Index of original printouts, 1969-1979
Mapping information and procedures
Mapset V3.1
OHSER training, 1976
Project for Edwin J. Staley and Associates, 1975
User's manual for computer terminal, 1979
Valuation codes

GRANTS
Budget reports, 1972-1976
Federal revenue sharing, 1972-1975
Genesee County Metropolitan Planning Commission, 1976-1977
Michigan Association for Regional Medical Programs, 1972-1974
(1 of 2)
(2 of 2)
Michigan cooperative health information system - grant application, 1971
(1 of 3)
(2 of 3)
(3 of 3)
Michigan State University. Office of Health Services, Education and Research, 1972-1976
Model Cities
1971
1973

General

BOX 5
Report
Mott Foundation
Grants from, 1972-1976
Proposals, 1968-1976
Quarterly reports to
1971-1974
1975-1976
National Center for Health Services Research, 1970-1971
Public Service Employment Programs-CETA, 1974
U.S. Department of Health, Education and Welfare Partnership Grant
INFORMATION REQUESTS
1970-1971
1972
1973
Environmental Block Appraisal data
General
McAllister and Associates
1974
1975
1976
(1 of 2)
(2 of 2)

METHODOLOGY
Confidentiality policy, 1975
Flow charts
Historical background, 1967-1970
Presentation notes, 1973-1974
Program evaluation, 1970-1971
Program evaluation and justification, 1976
Program objectives and description
  1969-1973
  1974-1976
    (1 of 2)
    (2 of 2)
Technical notes
  1974
  1975

**BOX 6**
MISCELLANEOUS
  Arizona ECHO, 1970-1973
    (1 of 2)
    (2 of 2)
  Assessment of medical manpower needs - Genesee County, 1975
  Attitudinal research, 1973-1975
  Budgets, 1972-1976
  Contracts
    Genesee County Substance Abuse Commission, 1974
    Model Cities
      1974
      1975
  DIME program
  Data Advisory Committee
    Agenda and notes, 1975-1976
    Memoranda and correspondence
    Handouts about confidentiality policy, 1975-1976
  Detroit ECHO, 1975, 1979
  Developing the organizational capacity to manage change (Flint Report)
  Dibert, Fred - Report on air pollution in private homes, 1976
  ECHO/OHSER Committee meetings
    1975-1976
    1976-1977
  Flint Census Statistical Areas Committee, 1975-1976
  Flint-Genesee County Comprehensive Land Use Transportation Study Technical Advisory Committee, 1976-1977
  Fulton, Lynn - Housing survey of ADC in Genesee County, 1970
  General program literature, 1967-1975
  Genesee County Regional Drug Abuse Commission - data collection system report, 1973
  Guide to environmental health laws in Michigan
Leonard, Robert F. - Treatment and counseling: a new approach to drug cases
Livingston County ECHO, 1975
McAllister and Associates - Analysis of the revenues and expenditures of human services agencies serving Flint residents, 1973
Michigan. Department of Public Health
Management Information System, 1978
Project ECHO, first year report, 1967-1968
Michigan Health Survey description, 1973
Newspaper articles and press releases
Preliminary data from Flint area quality of life study, 1976

BOX 7
Projects investigated but not undertaken
Survey of political attitudes and opinions among Flint citizens, 1975

PERSONNEL
Community health analyst description, 1970
ECHO communication audit
Environmental Block Appraisal training manual, 1975
(1 of 2)
(2 of 2)
Environmental survey training materials, 1973-1975
General, 1975
Interviewer performance indicators 1971-1975
1975-1976
1977-1978
Job descriptions
Monthly activity reports, 1976
Policy and procedures manual, 1976
Public service employment job proposal, 1976
Requests for presentations, 1975-1976
Research analyst notes, 1976
Staff lists
Staff meeting notes, 1975-1976
Summer student program, 1973
Supervisor's conferences and evaluation meetings, 1969-1971
Training manuals, 1967-1972
Training session agenda
1969-1972
1975

PROJECTS
Baseline Report, 1976 - notes and materials
Beecher needs assessment, 1976
Cancer registry, 1977

BOX 8
Citizen involvement network, 1975-1976
Death certificate project, 1975
Doyle School project, 1978
Environmental Block Appraisal - sample forms
Flint Board of Education
1975
Special survey, 1976
Flint. Department of Community Development
Correspondence and memoranda, 1972-1976
Land use survey
Coding and methodology
Contracts and budget, 1975
1976
Flint dilapidated housing, 1975
Flint Journal, 1976
Flint Office of Equal Opportunity, 1974-1976
GLS Region 5 Planning Commission, 1976
Genesee County Medical Society - report and memos, 1975
Genesee County. Metropolitan Planning Commission, 1976
Governor's Task Force on Redlining, 1976
Harvard School of Public Health, 1976-1978
Head Start evaluation, 1975-1977
Health services planning project, 1972 - Williams School
Michigan State University. Office of Health Services Education and Research (OHSER), 1977

BOX 9
Model Cities, 1968-1974
(1 of 2)
(2 of 2)
Mott survey of minorities' attitudes, 1973
Neighborhood Service Representation Program, 1974-1976
North Cook Neighborhood Association survey, 1976
Personalized curriculum program study, 1977
Physicians computer list, 1976
Public health code, 1978
School area profiles, 1973
Cook School
Dewey, Jefferson, Pierson Schools
Oak School
Parkland School
School Community Advisory Committee, 1975
Senior citizens’ needs, 1972
Student projects, 1971-1974
Swine flu project, 1976
Teen awareness human sexuality survey, 1978-1979
1977

Contracts
Correspondence
  Outgoing
  Administrative
  CETA Hiring Center
  Flint. Department of Community Development
  General
  Genesee County. Community Action Agency
  Genesee County Personnel-Labor Relations
  Harvard School of Public Health
  Michigan State University. Office of Health Services Education and Research
  Mott Foundation

BOX 10

Environmental health surveys
GLS Health Systems, Inc.
GLS Region V Planning and Development Commission population projections
Harvard School of Public Health/Mott child health study Information requests
  General
  Genesee County. Community Action Agency
Memoranda
Memoranda from Stewart Weiner
Monthly activity reports
Mott Foundation grant - personalized curriculum program, Flint
Mott Foundation quarterly reports
Proposals - database for Flint Questionnaire revision
Questions of the month
Requests
  Baseline reports
  Information
  Presentations
  Workbook
Senior citizens' services
Transportation study

1978

Administrative
Budget
Common Concern, Inc. - Beecher needs assessment
Contracts
ECHO Advisory Committee
Flint. Department of Community Development
Forms, survey questions, etc.
GLS Health Systems, Inc.
GLS Region V. Housing Committee
Genesee County
  Board of Health
  Community Action Agency
  Health Department
  Metropolitan Planning Commission
Genesee Indian Center
Grievances by employees
Harvard University School of Public Health

BOX 11
  Information requests and responses
  Insight, Inc.
  Lapeer-Shiawassee survey
  Leadership Flint
  Memoranda
  Michigan Health Data Corp.
  Michigan Health Department materials
  Michigan State University. Department of Community Health Science
  Miscellaneous
  Monthly activity reports
  Mott Foundation
    General
    Correspondence
    Quarterly reports
  Personnel
  Physician and dentist list
  Population estimates and projections
  Potential contracts
  Questionnaire revision
  Questions of the month
  Requests for information, workbook
  Sample statistics
  Sampling arrangements forms
  Teen Awareness Project
  Transportation coding manual
  United Way

1979
  Ad Hoc Advisory Committee
  Articles of incorporation
  Burton, City of - Thread Creek project
  Central data information system
  Channel 28 telephone survey
  Communication Consulting Services - Vogue study
Community attitudes survey

Correspondence

Incoming

Outgoing

By Nancy S. Litten

General

(1 of 2)

(2 of 2)

Data

Miscellaneous

BOX 12

1973-1976

Flint and out-county and elementary school district tables

ECHO Community Advisory Committee

Evaluation committee, Genesee County Commission on Substance Abuse

Flint Area Health Foundation Flint Chamber of Commerce Flint Community Schools

Flint. Department of Community Development

GLS Health Systems, Inc.

General

Senior citizens' needs assessment

Genesee County. Metropolitan Planning Commission

Genesee Indian Center

Harvard School of Public Health. Community Child Health Studies

Information requests and responses

Mass Transportation Authority

Memoranda

General

University of Michigan-Flint

Weiner, Stewart

Metropolitan Research Consortium

Michigan State University. Department of Community Health Science

Mott Foundation

Program objectives

Sampling system

Teen Awareness Project

Correspondence and memoranda

Information packet

Interviewers

Questionnaire

1980

Administrative inventory

Affirmative action goals

Budget information

Burton, City of - Thread Creek project
CETA proposals
Census Data Center
Channel 28 telephone survey
Correspondence
   by Diana Dever
   by Peter Gluck
      Incoming
      Outgoing
   by Nancy S. Mansfield
   by John Mucha
   by Stewart Weiner
      Incoming

BOX 13
   Outgoing
Data
Environmental Block Appraisal training manual
GLS Health Systems, Inc.
"Genesee County: A Demographic Profile '79" (Baseline Report)
Geriatric workshop
Harvard School of Public Health. Community Child Health Studies. Report:
   Community Services for Children and Youth in Genesee County, Michigan
Hurley Hospital
Information requests and responses
Mass Transportation Authority Memoranda
Metropolitan Research Consortium
   General
      Art Works project
      CETA analysis
      Flint Planned Parenthood
      Insight, Inc., evaluation
      Private Industry Council labor analysis/forecast
      United Way
Michigan State University. Department of Community Health Science
Mott Foundation
   General
      Historical Overview of the ECHO Program
National Science Foundation
Program evaluation specialist position
Red Cross
Staff meetings - minutes
Teen Awareness Project
Telephone surveys
Training agenda
Vocational education - Michigan Department of Education
1981

Correspondence
Flint Area Health Foundation project
   Memoranda, correspondence
   General
   Delphi questionnaires
   Harvard recommendations
   Lists of health care providers
   Local health care brochures
Genesee County Metropolitan Planning Commission
Gorwitz, Kurt (consultant)
Information requests and responses
Memoranda
Mott Foundation - Evaluation of ECHO
Office space
Personnel
Staff meeting minutes
Weiner, Stewart P. (consultant)

REPORTS
   Aging Population, Deteriorating Dwellings and Population
   Center for the Study of Community Affairs, 1977
   Fourth Baseline Report, 1970
   Relationships between Housing and Health in Some Michigan Cities, 1968-1970
   Relationships between Birth Weight and Selected Social, Environmental and Medical Care Indicators, 1971
   Growth of Urban Poverty, 1971

BOX 14
PRINTOUTS (initial number indicates volume number)
   Flint, City of, data, 1969
      1. Tabulations from interviews by elementary school areas, 9/69, and by 6 selected elementary schools, 4/69
      Supplement, Third Baseline, Flint (special run).
      2. Part 1: age, 9/2/69
      3. Part 2: age, 9/2/69

BOX 15
   4. Environmental appraisal data, tabulated by elementary school areas, 5/69
   Flint City data, 1970-1972
   5. Maps used in Flint City Fourth Baseline Report, 1970
   6. Environmental appraisal data, 7/70; 1/71; 7/71; 1/72; 11/72
   7. Environmental block appraisal, 1972
   Flint City data, 1973-1974
   8. Environmental block appraisal, 1973
   10. 1973 and 1974 Flint file index, run 6/6/77
BOX 16

11. Flint, 1975
12. 1975 Flint file by planning district, 6/6/77
13. Flint 1975 - family size by census tracts (actual number in family, not averages), 8/9/77
14. 1975 Flint Environmental block appraisal, master copy
15. Flint 1975/1976 work status data
16. Work status tables, calendar year 1976

Flint City data, 1976
17. 1976 Environmental block appraisal, 2/1/77
18. 1976 Flint land-use traffic analysis zone by land use-acreage, 5/18/77

BOX 17

21. 1976 Flint land use traffic analysis zone by census tract and block, 5/18/77
22. Flint housing data, 1976
23. 1976 Flint data. Tabulations run for Neil in VD clinic. Basic demographics by school district and school clusters, 2/6/78

Flint City data, 1977

Flint City data, 1978
29. 1978 Flint city data
30. 1978 Flint city data
31. 1978 Flint city data
32. 1978 Environmental block appraisal, 6/28/79

BOX 18

Data by planning district, 5/77, 1976 update
62. District 1
63. District 2
64. District 3
65. District 4
66. District 5
67. District 6
68. District 7
69. District 8

BOX 19

70. District 9
71. District 10
72. District 11
73. District 12
78. Genesee County physicians, 1975-1976

Flint. Department of Community Development tables, 1975-1977
Demographic report, 7/75-9/76
BOX 20

HAP - special runs (re-run), 5/13/77
85. HAP tables, 1/77
86. Demographics, core part, 1/77

BOX 21

Death certificates data, 1976-1977
87. Death certificate tabulations
88. 1976 death certificate tabulations
89. 1977 death certificate tabulations
Out-county data, 1968-1972
90. Environmental appraisal - minor civil division 9110 (Mt. Morris), 2/7/68
Tabulations from ECHO interview data, 12/69
91. Mt. Morris Township
92. Genesee Township
93. Flint Township
94. Genesee County outside Flint - Environmental appraisal data, 11/70; 1/71; 7/71; 11/72

BOX 22

Out-county data, 1973-1977
95. 1973 ECHO survey data by defined school areas
96. 1973 ECHO survey data by census tract areas
97. 1975 out-county Environmental Block Appraisal
102. Reader and coverage output for samples 1-23, Flint and out-county, 1976

BOX 23

103. Land use data, parcel-ordered file, run 4/18/76, preliminary run
106. 1977 out-county Environmental Block Appraisal data, first run, 10/27/79
110. 1975 out-county data, tabulations run for Neil in VD clinic, basic demographics by civil division, 1/12/67 and 2/7/78

BOX 24

111. 1976 out-county partial, GLS request, 2/23/78 (also includes Flint 1976 GLS request)
133. Out-county data, 1977
107. 1978 out-county data
109. 1978 out-county data
125. 1978 out-county Environmental Block Appraisal data

BOX 25

Miscellaneous data
112. Model Cities area - tabulations from ECHO interviews, 12/69
113. 1974 Environmental Block Appraisal system complete program listings,
output from validation runs
114. Community Health Interviewer performance indices
115. Edwin J. Staley (Flint Department of Community Development) -
Recreation and leisure report tabulations, 1/76

BOX 26
116. University of Michigan-Flint - Special study: educational interest, 3/76
117. Livingston County Health Department, Environmental Block Appraisal, 7/1/76
118. XSJQ: HAPOUT - last year's occupied units 56542, 1/14/77
119. Replication of last year's HAP - full year 1975, 6/6/77
120. TAZ (traffic analysis zone) definitions, 10/78
121. "Vogue" study, 3/79, Roger Wilcox

BOX 27
122. Tabulations run for WAMM, 9/79
123. H-ICDA: Hospital adaptation of ICDA, tabular list
124. Flint Board of Education special request, 12/78: 1973 and 1974 demographics
[    ] 1976 ECHO demographic tables

BOX 28
1978 ECHO tabulations for Flint Department of Community Development, 9/79
   by households
   by individuals
   by households and elementary school districts

BOX 29
Out-county, 1978
Flint Area Reference from match key

BOX 30
COMPUTER TAPES (identified by physical inscriptions on the tapes)
  OHSE (Michigan State University. Office of Health Services, Education, and Research)
    OHSER 1 (A 8869)
    OHSER 2 (A 8870)
    OHSER 3 (A 8871)
    OHSER 4 (A 8872)
    OHSER 5 (A 8873)
    OHSER 6 (A 8874)
  HISBAC (Environmental Block Appraisal)
    M349, I/P reel no. M991
    M903 (Individual master copy)
    M904 (Dwelling master)

THOR
N318, A382 (dwelling master, 1975)
M1047, N134 (1975 Flint Department of Community Development land use
file)
P01501 (M947, N153) (N103, N078) (1975 individual master)

**BOX 31**

FLUSE (Flint Land Use Survey, for Flint Department of Community Development)
FLUSE 1
  FLUSE 2
  FLUSE 3
  FLUSE 4
  FLUSE 5
  FLUSE 6
RTAX (DOC 006, Sprafka) (1976 tax tape)
CITY01 (M877, M199, M840) (city survey master)

**BOX 32**

Unidentified tapes processed at Michigan State University
  B 2276 (cleaned 1980) B 2277 (cleaned 1980)
  CDM 2 (A 6232)
  CDM 3 (A 6231)
  CDM 4 (A 6230)
  EC 1
  EHO (A 5176)
P01501.DWELLMAST (Flint dwelling unit tape, 10/28/74)
P01501.INDIVMAST (8/20/74)

**BOX 33**

Corrections by Dempsey Keypunch Service (identification number, date, and content)
  872  4/14/76 (samples 1-3, 1976)
  1074  5/13/76 (samples 4-6)
  1242  7/12/76 (samples 7-8, part of 3)
  2575  9/30/76 (samples 9-12)
  5319  2/1/77 (samples 13-17)
  5472  5/9/77 (samples 18-23)
  471  11/3 (ECHO corrections, samples 1-12)
  4251  12/9/76 (ECHO land use)
  218  12/20/76 (Flint corrections, samples 1-12, 1976)
  155  12/20 (Out-county corrections)
  3751  3/29/77 (1976 Flint land use)
  2434  4/6/77 (MHS samples 1-17, corrections 1976)
  11779  11/7/77 (ECHO #1)
  436  7/7/77 (ECHO #3)
  706  6/13/77 (corrections)
  925  1/16/78 (corrections)
BOX 34

ECH001 (Environmental Block Appraisal) (numbers are reel identification number and r/p reel number)

M209 (M215, M326) (City of Flint, 1975)
M304 (M118, B864) (EBA master - County, 1975)
M329 (H5019) (Livingston County current)
M828 (P385) (EBA master)
N365 (P146) (EBA master)
P022 (M341) (city)