

Metadata Under ICPSR Standards

Detroit
1994
Applied Management & Planning Group

Metadata Under ICPSR Standards

a. Title

1. *Name of Survey:* 1994 SEMCOG Household-Based Person Trip Survey
2. *Year:* 1994
3. *Geographic Area:* Detroit

b. Principle Investigator

1. *PI:* Burton Ehrmann
Institution Affiliation: Applied Management & Planning Group
2. *PI:*
Institution Affiliation:

c. Abstract:

In November, 1993, the Southeast Michigan Council of Governments (SEMCOG), contracted with the Applied Management & Planning Group (AMPG) to conduct a travel behavior survey of 7,200 households. The primary purpose of this study was to provide SEMCOG with a new database of travel behavior to assist in updating the region's transportation models.

SEMCOG is the designated Metropolitan Planning Organization (MPO) for the Southeast Michigan region. This region encompasses the counties of Wayne (including the City of Detroit), Oakland, Macomb, Monroe, Livingston, St. Clair, and Washtenaw. Figure 1.1 presents the Southeast Michigan region area map. The region covers 4,600 square miles and is home to 4.7 million residents. Created in 1968, SEMCOG's planning responsibilities include the collection and maintenance of a comprehensive transportation, demographic, environmental, and economic development database for developing regional policies and plans, and review and approval of applications for federal transportation funds. This database includes socioeconomic, travel, and mobile source emissions models for projecting future patterns of development, travel, congestion, and air pollution.

Information about household characteristics and travel was collected using a one-day, activity-focused diary and a separate household survey. In an activity diary, respondents were asked about each activity they undertook during the day. Travel was assessed as the process of getting from one activity to another. Therefore, the trips reported in this document were generated by pairing activities to form a trip origin and destination.

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d. Additional Information:

e. Grant/Sponsor Information:

f. Data Information

Type of Data

1. *Qualitative or Quantitative?:* Both
2. *Collection Method:*
Computer Assisted Telephone Interview (CATI) and Mail
3. *Travel Journal kept?:* Yes
4. *Confidential information?:* None
 - a) *Pseudonyms?:* No pseudonyms used
5. *Copyright data?* No

Data Description

1. *Area Studied:*
Wayne, Oakland, Macomb, Monroe, Livingston, St. Clair, and Washtenaw counties in Michigan and includes the City of Detroit.
2. *Group studied:* Households
3. *Universe of Study:* Household within study area
4. *Number of Households:* 7,361
5. *Number of Entries:* 68,671
6. *Study Period:* 2/23/1994 - 6/10/1994
7. *Collection Period:* 3/28/1994 - 6/10/1994
8. *Data:*
4 spreadsheets – Household, Persons, Activity and Trips linked by the “ID” column value.
9. *Smallest data unit:* Household member
10. *Smallest geo-unit:* TAZ
11. *Sampling Method:* Review documentation
12. *Response Rate:* 21%
13. *Measure Tool:* N/A
14. *Weights:* Review documentation