

# Metadata Under ICPSR Standards

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Chicago  
2007  
NuStats

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## a. Title

1. *Name of Survey:* Chicago Regional Household Travel Inventory
2. *Year:* 2007
3. *Geographic Area:* Chicago

## b. Principle Investigator

1. *PI:* Stacey Bricka  
*Institution Affiliation:* NuStats
2. *PI:*  
*Institution Affiliation:*

## c. Abstract:

The primary objective of the study was to provide data for the continuing development and refinement of the Chicago regional travel demand forecast models. Data were obtained using standard travel survey methods through the Travel Tracker Survey. This survey entailed the collection of activity and travel information for all household members regardless of age during a randomly assigned 24-hour or 48-hour period. The survey relied on the willingness of regional households to (1) provide demographic information about the household, its members and its vehicles and (2) have all household members record all travel and activity for the travel period, including address information for all locations visited, trip purpose, mode, and travel times.

The study began with design activities in late summer of 2006, followed by a pilot study in the fall of 2006. The full study ran from January 2007 through March 2008. In total, 25,845 households were recruited to participate in the study and 14,315 provided travel data. The overall response rate, calculated according to standards established by the Council of American Survey Research Organizations, was 10% (this included a 19% recruitment rate and a 55% retrieval rate). The CASRO formula for calculating response rates considers the number of households recruited divided by the number of eligible sample plus a portion of the eligibility unknown sample assumed to become eligible if dialing continued. Although this formula assumes a proportion of the eligibility unknown sample in the denominator, it does not include a similar consideration in the numerator, resulting in an under-stated response rate. A simple calculation of the number recruited to number eligible indicates a recruitment rate of 53%, with an overall response rate of 29% (53% times 59% retrieval rate). Thus, the true response rate lies somewhere between 10% and 29%.

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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:*  
Phone Interview (Random Digit Dialing)/Mail-in questions (separately)
3. *Travel Journal kept?:* No
4. *Confidential information?:* None
  - a) *Pseudonyms?:* No pseudonyms used
5. *Copyright data?* No

### *Data Description*

1. *Area Studied:*  
Chicago and surrounding counties (Cook, DuPage, Grundy, Kane, Kendall, Lake, McHenry, and Will counties in IL; Lake, LaPorte, and Porter counties in Indiana)
2. *Group studied:* Households
3. *Universe of Study:* Households within the area of study
4. *Number of Households:* 14,315
5. *Number of Entries:* 159,856
6. *Study Period:* 9/1/2006 - 3/31/2008
7. *Collection Period:* 1/1/2007 - 3/31/2008
8. *Data:*  
1 database comprised of 5 components– Household, Personal, Place, Transit, and Vehicle Trip connected by a common variable “SAMPN”. There is also a GPS study included in the data, with confidential information stripped.
9. *Smallest data unit:* Household member
10. *Smallest geo-unit:* Census Tract
11. *Sampling Method:* Review documentation – multiple studies.
12. *Response Rate:* 29%
13. *Measure Tool:* N/A
14. *Weights:* Review documentation – multiple types of weights.