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ANNOUNCEMENT

To: **CMAP Bicycle-Pedestrian Task Force**

Date: **7 August 2008**

From: **Staff**

Re: **CMAP Travel Tracker Survey**

HOUSEHOLD TRAVEL AND ACTIVITY INVENTORY

TRAVEL TRACKER SURVEY
Your Travel Counts!

Travel Tracker Survey

CMAP has completed a comprehensive travel and activity survey for northeastern IL*. Data collection took place between January 2007 and February 2008. A total of 10,552 households participated in either a 1-day or 2-day survey, providing a detailed travel inventory for each member of their household on the assigned travel day(s). The resulting distribution of the sampled population closely matches northeastern IL's household population by county. The public use data set is now available for download below.

	Travel Tracker Survey Sample		Northeastern IL Population*	
County	HH In Sample	HH as % of Total HH in Sample	HH In Region	HH as % of Total HH in Region
Cook	6,986	66.2%	1,974,181	67.1%
Du Page	994	9.4%	325,601	11.1%
Grundy	67	0.6%	14,293	0.5%
Kane	463	4.4%	133,901	4.6%
Kendall	73	0.7%	18,798	0.6%
Lake	988	9.4%	216,297	7.4%
McHenry	369	3.5%	89,403	3.0%
Will	612	5.8%	167,542	5.7%
NE IL Region	10,552	100.0%	2,940,016	100.0%

* US Census Bureau, Census 2000

* An identical survey was done for the three-county northwestern Indiana region. For information related to Travel Tracker data for NW Indiana, please contact the Northwestern Indiana Regional Planning Commission (NIRPC).

Data and Documentation

Click the link below to download the Travel Tracker public data set in MSAccess format. **Note that there are six main tables in the database, as described in the following table.** In addition, when interpreting the data, be aware that households are divided into five distinct strata, ranging from areas that have minimal access to transit and low population density, to areas that have maximum access to transit and high population density. For details about the data format, sample stratification and other related issues, please see the Data Dictionary and User's Guide. For methodological issues, refer to the Pilot Study Report.

Table Name	Table Description	Notes
hh_public	Household descriptors and travel data (e.g., hhsize, income, total trips, etc.). Unique households are identified by the field SAMPN.	
per_public	Person-level descriptors and travel data (e.g., age, gender, disability, emplyoyment, number of trips, etc.). Unique persons are dentified by the field PERNO.	PERNO is unique within households. To identify a unique person across households, combine PERNO with SAMPN
place_public	Trip details (e.g., travel day number, purpose, mode, travelers, tolls,departure and arrival times, distance, etc.). Unique places are identified by the field PLANO	The first place in every record is the place that the person was at 3am (typically HOME) -- and thus the starting place for their first trip of the day (which goes from PLANO1 to PLANO2).
loc_public	Location data anonymized to the centroid of the resident census tract. Unique locations are identified by the filed LOCNO.	Home location numbers are constructed by adding a "9" to the beginning of a household's SAMPN.
transit_public	Detailed data for multiple segments that can make up one public transit trip (or the transit segments that make up the transit portion of a mixed-mode trip that includes transit). Fields include boarding location, type of fare paid, distance to final destination, etc.	
veh_public	Vehicle data for all vehicles in the household (e.g., year, make, model). Unique vehicles (within hh) are identified by the field VEHNO.	

- Raw Data (MS Access)
- Data Dictionary
- Users' Guide

Pilot Report and Original Design

- Methods Report
- Pilot Study Report
- Recruitment Instrument
- Retrieval Instrument
- Weights
- CMAP Region Sampling
- NIRPC Region Sampling
- GPS Report
- GPS Plan

Data Summaries

Below are weighted and unweighted versions of some basic tabulations drawn from the Travel Tracker Survey data set. The tabulations Include detailed tables at the county level showing the distribution of trip purposes, trip modes, travel times, and more, The weighted data are calculated using the sample weights that are included with the original data set. For information about these weights, please see the documentation available for download above.

- Data Summary (unweighted)
- Data Summary (weighted)

Below are several examples of animated sample travel days illustrating anonymized travel logs taken from the Travel Tracker Survey data. The auto mode example comes from GPS devices that respondents' carried in their vehicles, while the mixed-mode examples come from wearable GPS units. To view, download the files and unzip. Use Windows MediaPlayer or a compatable program to run the animation. Note the clock in the upper left to follow travel times.

- Vehicle GPS Animation
- Wearable Mixed-Mode Animation
- Wearable Mixed-Mode Animation