2002 REGIONAL TRANSPORTATION SURVEY

Survey Methodology Report

April 2003
The Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) is the transportation policy and planning organization for the Greater Buffalo-Niagara region. The agency was formed in 1970 to permanently establish a regional decision-making forum to meet changing transportation needs and integrate all modes of transportation so as to move people and goods in the most economical, efficient, and effective manner. Designated as the Metropolitan Planning Organization by the Governor of New York, the GBNRTC shares responsibility with the New York State Department of Transportation for cooperatively developing transportation plans and programs that insure an adequate, coordinated transportation system serves the Greater Buffalo-Niagara region. The GBNRTC is further charged with maintaining a continuing, comprehensive, and coordinated planning process for the region that encourages cooperation at all government levels and the participation of the community.

The GBNRTC is comprised of those local governments, state and regional agencies which have principal responsibility for developing and implementing transportation plans and programs. Representatives of the GBNRTC Policy Committee are:

- Mayor, City of Buffalo
- County Executive, Erie County
- Mayor, City of Niagara Falls
- Chairman, Niagara County Legislature
- Chairman, Niagara Frontier Transportation Authority
- Commissioner, New York State Department of Transportation
- Division Director, New York State Thruway Authority

Advising the GBNRTC are the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and the New York State Department of Environmental Conservation. Other organizations advise as appropriate to provide federal, state and local coordination of regional transportation development.

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The contents of this report reflect the views of the author who is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the local, state, and federal governmental agencies mentioned above. This report does not constitute a standard, specification, or regulation.
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INTRODUCTION

This report documents the design and implementation of the 2002 Regional Transportation Survey (Household Travel Survey) conducted in the counties of Niagara and Erie (Buffalo-Niagara Region), under contract to the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC). It provides a validation of the resulting survey sample through comparison of key variables with population parameters from the U.S. Census Bureau. The appendices contain samples of all survey materials.

The Household Travel Survey entailed the collection of activity and travel information for all household members five years of age and older, during an assigned 24-hour period (weekday only). In addition to providing basic demographic information about each household and its members, the survey documented specific characteristics of activities and trips made, including number, purpose, time-of-day, mode and questions specific to mode use.

The study conformed to standard procedures for conducting a household travel behavior survey. These procedures included:

- Randomly Generate Phone Numbers
- Geocode Home Addresses
- Advance Mailing
- Recruitment Telephone Interview
- Respondent Packet Mailing
- Reminder Call
- Data Retrieval Telephone Interview
- Geocode Trips
- Data Edit Checks and Cleaning
- Data Delivery

Travel dates for the survey were spread across the pilot study (June 25 - 27, 2002) and the full study (September 3, 2002 – December 13, 2002). In total, 3,772 households were recruited to participate in the study. Of these 2,779 completed travel diaries, and the information was retrieved from all household members five years of age and older (see map on next page). Assigned travel days were for one 24-hour period Monday through Friday.
FIGURE 1: GEOGRAPHIC DISTRIBUTION OF SAMPLED HOUSEHOLDS
(N=2,779)
STUDY PROCEDURES

SURVEY UNIVERSE

The survey universe for the Household Travel Survey was defined as all households with operational landline telephones located within the counties of Niagara and Erie (Buffalo-Niagara Region). According to the 2000 U.S. Census, there were 468,719 households located within this study area.

SAMPLE DESIGN AND SELECTION

This sampling description provides information on how households were selected for the survey. A sample is the subset of the universe that is used to gain information about the entire population. The population of inference for the Household Travel Survey was all households with landline telephones in the two counties in the region. A probability design was used to select a sample that would truly represent all such households. The probability design ensured that each household with landline telephone service would have an equal chance of selection. The type of probability sample that was used was a random digit dial (RDD) sample, in which the primary sampling units were telephone numbers.

Within the two counties, a pure random sample of households with telephones was selected. The sample goals by county were designed to be proportionate to household population (see Table 1).

Both listed and unlisted telephone numbers were generated using random digit dial (RDD) procedures. Listed numbers were generated from working exchanges and blocks for the telephone numbers in the study area. NuStats then generated all the possible combinations of telephone numbers within these working exchanges and blocks. Unlisted telephone numbers were randomly generated based on the telephone exchanges and blocks identified for the listed sample. All generated unlisted telephone numbers that were listed in the database were eliminated from the sampling frame. In all, 47,506 total telephone numbers were generated into 30 replicates. A replicate is a systematically selected subsample of the entire sample frame used to manage the sample effectively.

<table>
<thead>
<tr>
<th>County</th>
<th>2000 Households</th>
<th>percent of Total</th>
<th>Recruitment Goal</th>
<th>Final Sample Goal</th>
<th>Total Sample Generated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erie County, NY</td>
<td>380,873</td>
<td>81.3%</td>
<td>2,916</td>
<td>2,194</td>
<td>36,647</td>
</tr>
<tr>
<td>Niagara County, NY</td>
<td>87,846</td>
<td>18.7%</td>
<td>684</td>
<td>506</td>
<td>10,859</td>
</tr>
<tr>
<td>GBNRTC TOTAL</td>
<td>468,719</td>
<td>100.0%</td>
<td>3,600</td>
<td>2,700</td>
<td>47,506</td>
</tr>
</tbody>
</table>

THE SURVEY INSTRUMENTS

The objectives of the Household Travel Survey required comprehensive survey instruments to collect demographic and socioeconomic details about households and persons, vehicle information, details of school and work travel, and detailed data of all trips made, by persons 5 years of age or older, on an assigned travel day. The survey instruments contained three components: (1) the recruitment questionnaire, (2) the travel log, and (3) the retrieval questionnaire. An overview of each is provided in the following sections. A complete list of variables collected in the survey is attached in Appendix A: Data Dictionary.
THE RECRUITMENT QUESTIONNAIRE AND INTERVIEW

The recruitment interview was administered using a computer-assisted telephone interviewing (CATI) program. At that time, each household was telephoned by an interviewer to determine if they qualified for the study. The respondent was then asked (on behalf of the entire household) to participate in the study. If the respondent agreed, demographic information was collected from the household including income, household size, vehicle ownership, and other household characteristics. In addition, demographic characteristics were obtained for each member of the household such as age, gender, employment and school status (see Appendix B for the recruitment questionnaire).

In total, 3,772 households were recruited to participate in the Household Travel Survey. Each recruited household was notified that it would receive a package in the mail that included a travel diary for each member in the household.

### TABLE 2: RECRUITED HOUSEHOLDS BY COUNTY OF RESIDENCE

<table>
<thead>
<tr>
<th>County</th>
<th>Frequency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erie County</td>
<td>3,001</td>
<td>79.5%</td>
</tr>
<tr>
<td>Niagara County</td>
<td>771</td>
<td>20.5%</td>
</tr>
<tr>
<td>Total</td>
<td>3,772</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

During the recruitment phase, 3,772 RDD households agreed to participate in the study for a recruitment response rate of 42 percent. About 34 percent refused to participate in the study. The response rate was calculated under standards of the Council of American Survey Research Organizations (CASRO). It was derived by dividing the number of households that agreed to participate by the sum of the total number of “eligible” households and a portion of the households for whom “eligibility” was unknown. This response rate formula is shown below. The final dispositions for the recruitment call attempts are indicated on the following page.

\[
RR = \left( \frac{a}{A + (C \times ER)} \right)
\]

Where,
- \(RR\) is the response rate,
- \(a\) is the number of completed surveys,
- \(A\) is the number of eligible telephone numbers,
- \(C\) is the number of eligibility unknown, and
- \(ER\) is the eligibility rate.

\[
RR = \frac{3,772}{5,726 + (19,199 \times 0.16)} = \frac{3,772}{8,798} = 43\%
\]
# Table 3: Recruitment Call Outcomes

<table>
<thead>
<tr>
<th>Call Outcome</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recruited</td>
<td>3,772</td>
</tr>
<tr>
<td>Refused to participate</td>
<td>1,954</td>
</tr>
<tr>
<td>SUB-TOTAL ELIGIBLE</td>
<td>5,726</td>
</tr>
<tr>
<td>Ineligible Units</td>
<td></td>
</tr>
<tr>
<td>Disconnected/non-working</td>
<td>6,497</td>
</tr>
<tr>
<td>Business/Government</td>
<td>1,267</td>
</tr>
<tr>
<td>Facsimile</td>
<td>1,033</td>
</tr>
<tr>
<td>Over Quota</td>
<td>1,389</td>
</tr>
<tr>
<td>Communications Barrier</td>
<td>395</td>
</tr>
<tr>
<td>SUB-TOTAL INELIGIBLE UNITS</td>
<td>10,581</td>
</tr>
<tr>
<td>Eligibility Unknown Units</td>
<td></td>
</tr>
<tr>
<td>No answer</td>
<td>5,821</td>
</tr>
<tr>
<td>Call Back</td>
<td>7,337</td>
</tr>
<tr>
<td>Answering machine</td>
<td>5,332</td>
</tr>
<tr>
<td>Busy</td>
<td>709</td>
</tr>
<tr>
<td>SUB-TOTAL ELIGIBILITY UNKNOWN UNITS</td>
<td>19,199</td>
</tr>
<tr>
<td>Grand Total:</td>
<td>35,506</td>
</tr>
</tbody>
</table>

## Travel Log

A total of 3,772 travel-log packages were mailed to recruited households. Each packet included a brochure, providing details about its objectives and methods, and one travel log for each member of the household five years of age and older. (See Appendix C for sample materials.) The travel log collected information about each trip made on the assigned travel day, including place name and address, time of travel, travel mode, and purpose. A reminder call was made to each recruited household prior to its assigned travel day. During that reminder call, the receipt of the package was confirmed, the assigned travel day acknowledged, and any questions were answered.

## Retrieval Questionnaire and Interview

Beginning the day following each household’s assigned travel day, the household was contacted by telephone (or attempted to be contacted) to retrieve the travel information. (See Appendix D for the Retrieval questionnaire.) In total, 2,779 households provided complete activity and travel information. For most of these households, the information was collected within seven days of the assigned travel day.

# Table 4: Retrieved Households by County of Residence

<table>
<thead>
<tr>
<th>County</th>
<th>Frequency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erie County</td>
<td>2,201</td>
<td>79.2%</td>
</tr>
<tr>
<td>Niagara County</td>
<td>578</td>
<td>20.8%</td>
</tr>
<tr>
<td>Total</td>
<td>2,779</td>
<td>100.0%</td>
</tr>
</tbody>
</table>
The retrieval response rate was 75 percent. This rate was calculated following CASRO standards.

\[
RR = \frac{a}{A}
\]

Where,

- \( RR \) is the response rate,
- \( a \) is the number of completed surveys,
- \( A \) is the number of eligible telephone numbers,

\[
RR = \frac{2,779}{3,702} = 75\%
\]

The final dispositions for the retrieval call attempts are indicated below.

### TABLE 5: RETRIEVAL CALL OUTCOMES

<table>
<thead>
<tr>
<th>Call Outcome</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eligible Units</td>
<td>2,805</td>
</tr>
<tr>
<td>Completed</td>
<td>573</td>
</tr>
<tr>
<td>Refused to participate</td>
<td>324</td>
</tr>
<tr>
<td>Non-contacts</td>
<td>77</td>
</tr>
<tr>
<td><strong>SUB-TOTAL ELIGIBLE</strong></td>
<td><strong>3,702</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ineligible Units</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Disconnected/non-working</td>
<td>77</td>
</tr>
<tr>
<td>Facsimile</td>
<td>6</td>
</tr>
<tr>
<td><strong>SUB-TOTAL INELIGIBLE UNITS</strong></td>
<td><strong>83</strong></td>
</tr>
<tr>
<td><strong>Grand Total:</strong></td>
<td><strong>3,785</strong></td>
</tr>
</tbody>
</table>

The overall response rate for the main study was calculated as the product of the response and retrieval rates \((43\% \times 75\%)\) for an overall rate of 32 percent. This overall response rate is high compared to similar types of surveys. For household travel surveys, the overall response rate typically falls between 22 to 28 percent.

During recruitment, each household was assigned a travel day. The distribution of household by travel day indicates a fairly even distribution, with slightly more households traveling on Tuesdays and slightly fewer households traveling on Fridays.

### TABLE 6: TRAVEL DAY DISTRIBUTION

<table>
<thead>
<tr>
<th>Travel Day</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>21%</td>
</tr>
<tr>
<td>Tuesday</td>
<td>22%</td>
</tr>
<tr>
<td>Wednesday</td>
<td>19%</td>
</tr>
<tr>
<td>Thursday</td>
<td>19%</td>
</tr>
<tr>
<td>Friday</td>
<td>18%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

*Base: 2,779 Households.*

*May not add to 100 percent due to rounding.*
Data collection was conducted during Fall 2002. The following table summarizes the percentage of households traveling each month of the data collection period.

### Table 7: Month of Travel Day Distribution

<table>
<thead>
<tr>
<th>Travel Day</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 2002¹</td>
<td>2%</td>
</tr>
<tr>
<td>September 2002</td>
<td>27%</td>
</tr>
<tr>
<td>October 2002</td>
<td>38%</td>
</tr>
<tr>
<td>November 2002</td>
<td>30%</td>
</tr>
<tr>
<td>December 2002²</td>
<td>3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Base: 2,779 Households.  
May not add to 100 percent due to rounding.

### Data Weighting

The final data set includes a single weight variable that was developed to account for over sampling or under sampling of particular population segments. The Census Transportation Planning Package (CTPP) data from the 2000 Census were used to calculate the household size by vehicle ownership factor. The 2000 U.S. Bureau of the Census data were used to calculate all other weight factors.

To compensate for over sampling or under sampling, the sample was balanced relative to household size and vehicle ownership by developing a weight factor (wgt1). The weight for each cell is calculated by dividing the CTPP percentage by the Survey percentage. A weight factor less than one means that the Survey over sampled households in that specific cell and a weight factor greater than one means that the Survey under sampled households in that specific cell. The following tables show the household size by vehicle ownership weights that were developed for each county. In both counties, zero-vehicle households were under sampled as well as larger households.

#### Table 8: Household Size by Vehicle Ownership Weight – Erie County

<table>
<thead>
<tr>
<th>Household Size</th>
<th>Vehicle Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Zero Vehicles</td>
</tr>
<tr>
<td>One Person</td>
<td>1.756102</td>
</tr>
<tr>
<td>Two Persons</td>
<td>1.615833</td>
</tr>
<tr>
<td>Three Persons</td>
<td>2.358895</td>
</tr>
<tr>
<td>Four+ Persons</td>
<td>3.185437</td>
</tr>
</tbody>
</table>

¹ This includes only pilot study households  
² Travel dates were during the first two weeks in December
TABLE 9: HOUSEHOLD SIZE BY VEHICLE OWNERSHIP WEIGHT – NIAGARA COUNTY

<table>
<thead>
<tr>
<th>Household Size</th>
<th>Vehicle Ownership</th>
<th>Zero Vehicles</th>
<th>One Vehicle</th>
<th>Two Vehicles</th>
<th>Three Vehicles</th>
<th>Four or more Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Person</td>
<td></td>
<td>0.904792</td>
<td>1.267703</td>
<td>0.982244</td>
<td></td>
<td>1.249730</td>
</tr>
<tr>
<td>Two Persons</td>
<td></td>
<td>0.920853</td>
<td>1.381280</td>
<td>0.825452</td>
<td>0.446513</td>
<td>0.493314</td>
</tr>
<tr>
<td>Three Persons</td>
<td></td>
<td>2.039033</td>
<td>1.383336</td>
<td>0.887251</td>
<td>0.480982</td>
<td>0.467735</td>
</tr>
<tr>
<td>Four+ Persons</td>
<td></td>
<td>1.249730</td>
<td>1.247674</td>
<td>1.501868</td>
<td>1.136118</td>
<td>0.666888</td>
</tr>
</tbody>
</table>

An income weight (wgt2) was then developed to compensate for over or under representation of some income categories. This weight was calculated by comparing the survey income distribution to the 2000 Census income distribution. This weight was then multiplied by the household size by vehicle ownership weight (wgt1).

Table 10: Income Weight

<table>
<thead>
<tr>
<th>Income</th>
<th>Survey %</th>
<th>Census %</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $15,000</td>
<td>15%</td>
<td>18%</td>
<td>1.26979154</td>
</tr>
<tr>
<td>$15,000 to $24,999</td>
<td>16%</td>
<td>14%</td>
<td>0.90078122</td>
</tr>
<tr>
<td>$25,000 to $44,999</td>
<td>26%</td>
<td>24%</td>
<td>0.91815765</td>
</tr>
<tr>
<td>$45,000 to $74,999</td>
<td>26%</td>
<td>24%</td>
<td>0.94613460</td>
</tr>
<tr>
<td>$75,000 or more</td>
<td>18%</td>
<td>19%</td>
<td>1.06772751</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

A county weight (wgt3) was then developed to compensate for under representation in Erie county and over representation in Niagara county. The following table displays the weight for each county. The county weight was multiplied by the product of the household size by vehicle ownership weight and income weight (wgt1*wgt2*wgt3) to produce the final weight variable (finwgt).

Table 11: County Weight

<table>
<thead>
<tr>
<th>County</th>
<th>Survey</th>
<th>Census</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erie</td>
<td>0.791484</td>
<td>0.812583</td>
<td>1.026657162584990</td>
</tr>
<tr>
<td>Niagara</td>
<td>0.208516</td>
<td>0.187417</td>
<td>0.898814821859601</td>
</tr>
</tbody>
</table>

The expansion factor (expfct) was calculated by dividing the total households based on Census 2000 data (468,719) by the number of households surveyed (2,779). When using the sample data to run population estimates, the final expansion factor was applied. This final expanded weight was the product of “finwgt” and “expfct”. It is designated as “expwgt” in the data file.

TABLE 12: COMPOSITE WEIGHT AND EXPANSION FACTOR BY COUNTY

<table>
<thead>
<tr>
<th>County</th>
<th>No. Households in Population</th>
<th>Percent of Total Population</th>
<th>Expanded No. of Households</th>
<th>Percent of Expanded Sample</th>
<th>Expansion Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erie County, NY</td>
<td>380,873</td>
<td>81%</td>
<td>380,873</td>
<td>81%</td>
<td>168.6646</td>
</tr>
<tr>
<td>Niagara County, NY</td>
<td>87,846</td>
<td>19%</td>
<td>87,846</td>
<td>19%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>468,719</td>
<td>100%</td>
<td>468,719</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>
GEOCODING

Geocoding was conducted using coverage files obtained from Geographic Data Technology, Inc (GDT). Home addresses and trip end addresses were geocoded subsequent to the retrieval interview. The retrieval interview collected multiple location information such as address, nearest landmark, nearest cross street or street intersection to facilitate geocoding. City name and zip code were used to distinguish duplicated street names in different geographies. U.S. Postal Office Standard Address Format, which matched the address style of the street network reference database, was used to record address information.

Out of the 15,969 addresses that were recorded by households as "traveled to", and were within the study area, 95 percent were successfully matched to an X/Y coordinate. A total of 25,029 actual trips were made (i.e., some locations were traveled to more than once). Table 13 presents geocode match rates by location type. As shown, the work addresses had the lowest overall match rate at 93 percent.

<table>
<thead>
<tr>
<th>Address Type</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home</td>
<td>100%</td>
</tr>
<tr>
<td>Work</td>
<td>93%</td>
</tr>
<tr>
<td>School</td>
<td>98%</td>
</tr>
<tr>
<td>Trip Ends (Non-home, Non-work, Non-school)</td>
<td>94%</td>
</tr>
</tbody>
</table>

DATA FILE CREATION

After completion of data collection and data editing tasks, the survey data were contained in five files:

1. **Household data file** – the household is the unit of analysis, with 2,779 records. Contains data elements relating to household demographics such as household size, vehicles available to household and household income.

2. **Person data file** – persons within households are the units of analysis, with 6,636 records. Contains data elements relating persons, such as age, gender, work and school status.

3. **Place data file** – places traveled to by persons within households are units of analysis, with 31,311 records. Contains information relating to travel, such as locations, purpose, mode, and time of travel.

4. **Trip data file** – trips made by person within households are units of analysis, with 25,029 records. Contains information relating to travel by origin and destination, such as locations, purpose, mode, and time of travel.

5. **Vehicle data file** – vehicles owned by households are the units of analysis, with 4,927 records. Contains information relating to vehicles, such as make, model, and year.

6. **Location data file** – all locations traveled to during the travel day, with 15,969 records. Contains a location number that links to trip, person and household files.

All data files contain certain variables, such as sample number (unique number assigned to each household), and the weight variables “finwgt” and “expwgt”. A data dictionary for each of the files is presented in Appendix A.
ITEM COMPLETION RATES

Table 14 presents completion rates for the key variables. As shown, these rates are excellent. Income typically produces the lowest completion rate. The 86.2% completion rate is comparable to similar household travel surveys.

**TABLE 14: ITEM COMPLETION RATES**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Completion Rate</th>
<th>Refused/ Retrieved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Household Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Household Size</td>
<td>100.0%</td>
<td>0 / 2,779</td>
</tr>
<tr>
<td>Vehicles Available</td>
<td>100.0%</td>
<td>0 / 2,779</td>
</tr>
<tr>
<td>Residence Type</td>
<td>100.0%</td>
<td>0 / 2,779</td>
</tr>
<tr>
<td>Own/Rent Status</td>
<td>99.9%</td>
<td>2 / 2,779</td>
</tr>
<tr>
<td>Income</td>
<td>86.2%</td>
<td>383 / 2,779</td>
</tr>
<tr>
<td>Person Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gender</td>
<td>99.8%</td>
<td>14 / 6,636</td>
</tr>
<tr>
<td>Age</td>
<td>98.9%</td>
<td>70 / 6,636</td>
</tr>
<tr>
<td>Driver License (persons age 15 and older)</td>
<td>99.9%</td>
<td>4 / 5,366</td>
</tr>
<tr>
<td>Employment Status (persons age 16 and older)</td>
<td>100.0%</td>
<td>0 / 5,366</td>
</tr>
<tr>
<td>Type of Non-Employment (unemployed persons)</td>
<td>100.0%</td>
<td>0 / 1,977</td>
</tr>
<tr>
<td>Number of Jobs (employed persons)</td>
<td>100.0%</td>
<td>0 / 3,389</td>
</tr>
<tr>
<td>Educational Attainment</td>
<td>99.2%</td>
<td>51 / 6,636</td>
</tr>
<tr>
<td>Student Status</td>
<td>99.9%</td>
<td>9 / 6,636</td>
</tr>
<tr>
<td>Trip Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arrival Time</td>
<td>100.0%</td>
<td>0 / 25,029</td>
</tr>
<tr>
<td>Departure Time</td>
<td>100.0%</td>
<td>0 / 25,029</td>
</tr>
<tr>
<td>Trip Purpose</td>
<td>99.9%</td>
<td>15 / 25,029</td>
</tr>
<tr>
<td>Mode</td>
<td>100.0%</td>
<td>0 / 25,029</td>
</tr>
<tr>
<td>Vehicle Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year</td>
<td>98.3%</td>
<td>84 / 4,927</td>
</tr>
<tr>
<td>Make</td>
<td>98.9%</td>
<td>52 / 4,927</td>
</tr>
<tr>
<td>Model</td>
<td>95.5%</td>
<td>222 / 4,927</td>
</tr>
</tbody>
</table>
The sample comprises of 2,779 completed households (including the records collected during the pretest), which is a reasonable representation of Buffalo-Niagara Region households. The following tables compare the sample distributions on key demographic variables with census data. The weighted proportions represent data that have been weighted by geography, income, household size, and vehicle ownership. All results are calculated at the 95 percent confidence interval, which yields a standard error of +/- 1.9 percentage points for the sample size of 2,779 households. Analysis at small sub-samples will yield higher standard error level.

The unweighted household size sample distribution differed from that of the census population parameters. The sample had more two-person households and slightly fewer four or more person households than the study area as a whole.

### Table 15: Household Size

<table>
<thead>
<tr>
<th>Household Size</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Person</td>
<td>27%</td>
<td>30%</td>
<td>30%</td>
</tr>
<tr>
<td>Two Persons</td>
<td>36%</td>
<td>32%</td>
<td>32%</td>
</tr>
<tr>
<td>Three Persons</td>
<td>18%</td>
<td>16%</td>
<td>16%</td>
</tr>
<tr>
<td>Four or more Persons</td>
<td>19%</td>
<td>22%</td>
<td>22%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Base: 2,779 Households. May not add to 100 percent due to rounding.*
*Census 2000 Summary File 3

The unweighted sample under represents households with less than two vehicles and over represents two vehicle and three or more vehicle households.

### Table 16: Household Vehicles

<table>
<thead>
<tr>
<th>Household Vehicles</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zero Vehicle</td>
<td>9%</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>One Vehicle</td>
<td>32%</td>
<td>38%</td>
<td>38%</td>
</tr>
<tr>
<td>Two Vehicle</td>
<td>40%</td>
<td>36%</td>
<td>36%</td>
</tr>
<tr>
<td>Three or more Vehicles</td>
<td>20%</td>
<td>11%</td>
<td>11%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Base: 2,779 Households. May not add to 100 percent due to rounding.*
*Census 2000 Summary File 3

The unweighted survey sample represented the Buffalo-Niagara Region income distribution fairly well, even though the proportion of households in the Less than $15,000 range was lower than the study area as a whole, and the proportion of households with incomes more than $75,000 was greater. About 15 percent of all households interviewed refused to report income, which is typical for household travel surveys. Table 17 on the following page displays the income distributions for unweighted and weighted data.
TABLE 17: HOUSEHOLD INCOME

<table>
<thead>
<tr>
<th>Income</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $15,000</td>
<td>11%</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>$15,000 to $24,999</td>
<td>13%</td>
<td>14%</td>
<td>14%</td>
</tr>
<tr>
<td>$25,000 to $44,999</td>
<td>26%</td>
<td>24%</td>
<td>24%</td>
</tr>
<tr>
<td>$45,000 to $74,999</td>
<td>28%</td>
<td>24%</td>
<td>24%</td>
</tr>
<tr>
<td>$75,000 or more</td>
<td>22%</td>
<td>19%</td>
<td>19%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Base: 2,396 households providing income. May not add to 100 percent due to rounding.  
*Census 2000 Summary File 3

Most households in the unweighted sample reside in owner-occupied dwellings. In this statistic, the survey over represented homeowners, which is not unusual for these types of surveys since renters are less stable in their residential longevity than homeowners. Homeowners are typically more connected to their communities and more likely to take the time to complete a travel log than are renters.

TABLE 18: OWNER OR RENTER STATUS

<table>
<thead>
<tr>
<th>Housing Tenure</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>79%</td>
<td>72%</td>
<td>66%</td>
</tr>
<tr>
<td>Renter</td>
<td>21%</td>
<td>28%</td>
<td>34%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Base: 2,777 households with valid responses. *Census 2000 Summary File 3

The unweighted sample is a good representation of the study area residents by age group. There is a slight over representation of persons 45 to 64 years of age when compared to the Census.

TABLE 19: AGE OF MEMBERS OF HOUSEHOLDS IN THE SAMPLE

<table>
<thead>
<tr>
<th>Age</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 5 years</td>
<td>5%</td>
<td>7%</td>
<td>6%</td>
</tr>
<tr>
<td>5 years to 15 years</td>
<td>14%</td>
<td>17%</td>
<td>16%</td>
</tr>
<tr>
<td>16 years to 24 years</td>
<td>9%</td>
<td>9%</td>
<td>11%</td>
</tr>
<tr>
<td>25 years to 34 years</td>
<td>9%</td>
<td>9%</td>
<td>12%</td>
</tr>
<tr>
<td>35 years to 44 years</td>
<td>15%</td>
<td>16%</td>
<td>16%</td>
</tr>
<tr>
<td>45 years to 54 years</td>
<td>18%</td>
<td>16%</td>
<td>14%</td>
</tr>
<tr>
<td>55 years to 64 years</td>
<td>13%</td>
<td>11%</td>
<td>9%</td>
</tr>
<tr>
<td>65 years and older</td>
<td>15%</td>
<td>15%</td>
<td>16%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Base: 6,566 Persons reporting age. May not add to 100 percent due to rounding.  
*Census 2000 Summary File 3
The unweighted sample provided an excellent distribution of employed versus non-employed persons in the study area. It contained a slightly higher percent of employed persons that are present in the population. The resulting data will provide unique information on the work trips of households in the Buffalo-Niagara Region.

### TABLE 20: EMPLOYMENT STATUS

<table>
<thead>
<tr>
<th>Employment Status</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed</td>
<td>63%</td>
<td>60%</td>
<td>58%</td>
</tr>
<tr>
<td>Not employed</td>
<td>37%</td>
<td>40%</td>
<td>42%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Base: persons over age 15 reporting employment status.  
May not add to 100 percent due to rounding.  *Census 2000 Summary File 3

The unweighted sample also represented students well relative to the Census proportions of students versus non-students. Information on trips to school should be adequately covered.

### TABLE 21: STUDENT STATUS

<table>
<thead>
<tr>
<th>Student Status</th>
<th>Sample Proportions (Unweighted)</th>
<th>Sample Proportions (Weighted)</th>
<th>Census 2000*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrolled</td>
<td>26%</td>
<td>29%</td>
<td>28%</td>
</tr>
<tr>
<td>Not enrolled</td>
<td>74%</td>
<td>71%</td>
<td>72%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Base: 6,295 persons over age 3 providing school enrollment status.  
*Census 2000 Supplementary Survey Summary Tables.
CONCLUSION

By definition, household travel surveys seek information from a sample of households. Invariably, some members of the sample do not provide the desired information. There are many reasons why the relevant information may not be obtained. Given the wide range of potential outcomes of a data collection effort, it is important to document the outcomes and summarize the success of a survey in collecting data from members of the sample.

As the contents of this technical report indicate, the Greater Buffalo-Niagara Regional Transportation Survey sample was a reasonable representation of the study area population. The sample design was executed effectively so that adequate samples were obtained for each county in the study area. The sample is a good reflection of population parameters, with exceptions per variable category noted in this report. The sample can be reliably used for robust statistical analyses on survey results to provide usable information to transportation decision makers and planners.
The Appendices section contains the following:

- Data Dictionary,
- Recruitment Script,
- Diary Packet Materials,
- Retrieval Script, and
- CD Rom of Reports
<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Variable Description</th>
<th>Codeset</th>
<th>Skip</th>
<th>Actual Question Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAMPN</td>
<td>Sample number</td>
<td>IMPORTED</td>
<td></td>
<td>SAMPLE NUMBER</td>
</tr>
<tr>
<td>LISTD</td>
<td>Listed or unlisted number</td>
<td>1=LISTED, 2=UNLISTED</td>
<td></td>
<td>UNLISTED NUMBER?</td>
</tr>
<tr>
<td>HHADDR</td>
<td>Home Address Reference Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCNTRY</td>
<td>Home county</td>
<td>36063=Niagara; 36029=Erie</td>
<td></td>
<td>IMPORTED HH COUNTY</td>
</tr>
<tr>
<td>HHSIZ</td>
<td>Household size</td>
<td>ORDINAL; 98=DK, 99=RF</td>
<td></td>
<td>How many people, including yourself, live in your household?</td>
</tr>
<tr>
<td>HHSIZ_5</td>
<td>Household size Ages 5 and older</td>
<td>Ordinal number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HHVEH</td>
<td>Household Vehicles</td>
<td>ORDINAL; 98=DK, 99=RF</td>
<td></td>
<td>How many vehicles are presently available to members of your household? This includes all cars, vans, trucks, RVs, SUVs, motorcycles and mopeds, whether owned or leased or provided by an employer.</td>
</tr>
<tr>
<td>RESTY</td>
<td>Residence type</td>
<td>1=Unattached, single family home; 2=Duplex/Apartment/Condo/Townhome; 3=Group quarters (dorm, barracks, etc); 7=Other; 9=DK/R</td>
<td></td>
<td>Do you live in a ...</td>
</tr>
<tr>
<td>O_RESTY</td>
<td>Other Residence Type</td>
<td></td>
<td></td>
<td>ASK IF RESTY=7 Do you live in a ...</td>
</tr>
<tr>
<td>OWN</td>
<td>Own/rent status</td>
<td>1=Own/Buying; 2=Rent; 7=Other; 8=DK; 9=RF</td>
<td></td>
<td>Do you own or rent your home?</td>
</tr>
<tr>
<td>O_OWN</td>
<td>Other Own/rent status</td>
<td></td>
<td></td>
<td>ASK IF OWN=7 Do you own or rent your home?</td>
</tr>
<tr>
<td>EQUIP1</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP2</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP3</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP4</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP5</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP6</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP7</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>EQUIP8</td>
<td>Equipment used</td>
<td>0=None of these; 1=Portable cellular phone; 2=Fax machine; 3=Desktop or laptop computer; 4=Web TV; 5=Answering machine/voicemail; 6=Caller ID; 7=Call blocking; 8=Internet service; 9=Refused</td>
<td></td>
<td>Which of the following pieces of equipment or services are used in your home, including a home office?</td>
</tr>
<tr>
<td>Variable Name</td>
<td>Variable Description</td>
<td>Codeset</td>
<td>Skip</td>
<td>Actual Question Text</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------</td>
<td>---------</td>
<td>------</td>
<td>----------------------</td>
</tr>
<tr>
<td>HINCM</td>
<td>Household Income</td>
<td>$0-$4,999; 2=$5,000-$14,999; 3=$15,000-$24,999; 4=$25,000-$44,999; 5=$45,000-$74,999; 6=$75,000 or more; 9=DK/RF</td>
<td></td>
<td>Was your household income in 2001 before taxes between…</td>
</tr>
<tr>
<td>PHLNE</td>
<td>Number of household phone lines</td>
<td>ORDINAL; 98=DK, 99=RF</td>
<td></td>
<td>How many telephones lines do you have?</td>
</tr>
<tr>
<td>FAX</td>
<td>Fax or modem lines</td>
<td>ORDINAL; 98=DK, 99=RF</td>
<td>ASK IF PHLNE&gt;1</td>
<td>How many of those telephone lines are only used for a fax or modem?</td>
</tr>
<tr>
<td>SHARE</td>
<td>Share phone line with other household</td>
<td>ORDINAL; 98=DK, 99=RF</td>
<td></td>
<td>How many other households share a phone line with your household?</td>
</tr>
<tr>
<td>NOPHN</td>
<td>No phone service</td>
<td>1=YES, 2=NO, 8=DK, 9=RF</td>
<td></td>
<td>Have there been times within the past 12 months when the home you were living in did not have telephone service?</td>
</tr>
<tr>
<td>LENGTH</td>
<td>Length without service</td>
<td>Less than 1 month; 1=1 month to less than 1 year; 3=1 year or longer; 8=DK; 9=RF</td>
<td>ASK IF NOPHN=1</td>
<td>How long were you without phone service?</td>
</tr>
<tr>
<td>ASSN</td>
<td>Travel day - assignment number</td>
<td>677=Tue, June 25; 747=Tue, Sept 3; 748=Wed, Sept 4; 749=Thur, Sept 5; 750=Fri, Sept 6; 753=Mon, Sept 9; 754=Tue, Sept 10; 755=Wed, Sept 11; 756=Thur, Sept 12; 757=Fri, Sept 13; 760=Mon, Sept 16; 761=Tue, Sept 17; 762=Wed, Sept 18; 763=Thur, Sept 19; 764=Fri, Sept 20; 767=Mon, Sept 23; 768=Tue, Sept 24; 769=Wed, Sept 25; 770=Thur, Sept 26; 771=Fri, Sept 27; 774=Mon, Sept 30; 775=Tue, Oct 1; 776=Wed, Oct 2; 777=Thur, Oct 3; 778=Fri, Oct 4; 781=Mon, Oct 7; 782=Tue, Oct 8; 783=Wed, Oct 9; 784=Thur, Oct 10; 785=Fri, Oct 11; 788=Mon, Oct 14; 789=Tue, Oct 15; 790=Wed, Oct 16; 791=Thur, Oct 17; 792=Fri, Oct 18; 795=Mon, Oct 21; 796=Tue, Oct 22; 797=Wed, Oct 23; 798=Thur, Oct 24; 799=Fri, Oct 25; 802=Mon, Oct 28; 803=Tue, Oct 29; 804=Wed, Oct 30; 805=Thur, Oct 31; 806=Fri, Nov 1; 809=Mon, Nov 4; 810=Tue, Nov 5; 811=Wed, Nov 6; 812=Thur, Nov 7; 813=Fri, Nov 8; 816=Mon, Nov 11; 817=Tue, Nov 12; 818=Wed, Nov 13; 819=Thur, Nov 14; 820=Fri, Nov 15; 823=Mon, Nov 18; 824=Tue, Nov 19; 825=Wed, Nov 20; 826=Thur, Nov 21; 827=Fri, Nov 22; 830=Mon, Nov 25; 831=Tue, Nov 26; 832=Wed, Nov 27; 837=Mon, Nov 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FUTURE</td>
<td>Participate in future studies</td>
<td>1=YES, 2=NO</td>
<td></td>
<td>Would you be willing to participate in future research studies on this projects?</td>
</tr>
<tr>
<td>PACKT</td>
<td>HH received travel log</td>
<td>1=YES, 2=NO, 9=DK/RF</td>
<td></td>
<td>Did your household receive the travel log packet that we sent to you?</td>
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<tr>
<td>NTRIP</td>
<td>Number of household trips</td>
<td>ORDINAL</td>
<td></td>
<td>POST PROCESSING</td>
</tr>
<tr>
<td>HWORK</td>
<td>Number of household workers</td>
<td>ORDINAL</td>
<td></td>
<td>POST PROCESSING</td>
</tr>
<tr>
<td>HSTUD</td>
<td>Number of household students</td>
<td>ORDINAL</td>
<td></td>
<td>POST PROCESSING</td>
</tr>
<tr>
<td>RHHFSIZE</td>
<td>Recoded Household Size</td>
<td>4=4 or more</td>
<td></td>
<td></td>
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<tr>
<td>RRHVEH</td>
<td>Recoded Number of vehicles</td>
<td>3=3 or more</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RRHWORK</td>
<td>Recoded Number of workers</td>
<td>3=3 or more</td>
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<td>RHSTUD</td>
<td>Recoded Number of Students</td>
<td>3=3 or more</td>
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<td></td>
</tr>
<tr>
<td>NNRTRIP</td>
<td>Recoded Number of Trips</td>
<td>0=0, 1=1-5, 2=6-10, 3=11-15, 4=16-20, 5=20+</td>
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<td></td>
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<tr>
<td>RHVEH2</td>
<td>Recoded Number of workers 2</td>
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<td>Final weight - Not expanded</td>
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<td>Perno</td>
<td>Person number</td>
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<td>Waddr</td>
<td>Work Address Reference Number</td>
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<td>Variable Description</td>
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<td>School Address Reference Number</td>
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<tr>
<td>RESP</td>
<td>Respondent Flag</td>
<td>1=YES, 2=NO</td>
<td></td>
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<tr>
<td>RELAT</td>
<td>Relationship to Household Informant</td>
<td>1=Self; 2=Spouse/partner; 3=Son/Daughter; 4=Mother/Father/Mother-in-law/Father-in-law; 5=Other relative; 6=Live-in help; 7=Not related; 9=DK/RF</td>
<td></td>
<td>What is your relationship to the RESP?</td>
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<tr>
<td>GEND</td>
<td>Gender</td>
<td>1=MALE, 2=FEMALE, 9=DK/RF</td>
<td></td>
<td>What is your gender?</td>
</tr>
<tr>
<td>AGE</td>
<td>Age</td>
<td>ORDINAL; 98=98+, 99=DK/RF</td>
<td></td>
<td>What is your age in years?</td>
</tr>
<tr>
<td>LICEN</td>
<td>Licensed driver</td>
<td>1=YES, 2=NO, 8=DK, 9=RF</td>
<td>ASK IF AGE&gt;15</td>
<td>Do you have a valid driver's license?</td>
</tr>
<tr>
<td>DISAB</td>
<td>Disability</td>
<td>1=None; 2=Difficulty standing, walking, or climbing stairs; 3=Visually impaired/blind; 4=Hearing impaired/deaf; 5=Wheelchair; 6=Require cane/walker; 7=Other, specify; 9=DK/RF</td>
<td>ASK IF DISAB=1</td>
<td>Do you have a physical, mental or other health disability that has lasted 6 or more months and which makes it difficult for you to go outside the home alone?</td>
</tr>
<tr>
<td>DISAB1</td>
<td>Disability type</td>
<td>1=None; 2=Difficulty standing, walking, or climbing stairs; 3=Visually impaired/blind; 4=Hearing impaired/deaf; 5=Wheelchair; 6=Require cane/walker; 7=Other, specify; 9=DK/RF</td>
<td>ASK IF DISAB=1</td>
<td>What type of disability is that?</td>
</tr>
<tr>
<td>JOBS</td>
<td>Number of paying jobs</td>
<td>1=1, 2=2, 3=3+; 9=DK/RF</td>
<td>ASK IF DISAB=1</td>
<td>How many paying jobs do you have?</td>
</tr>
<tr>
<td>PRIMA</td>
<td>Primary activity</td>
<td>1=Retired; 2=Disability status; 3=Homemaker; 4=Unemployed and looking for work; 5=Unemployed and NOT looking for work; 6=Other, specify; 9=DK/RF</td>
<td>ASK IF JOBS = 0</td>
<td>Which of the following best describes your current situation?</td>
</tr>
<tr>
<td>O_PRIMA</td>
<td>Other primary activity</td>
<td></td>
<td>ASK IF JOBS &gt; 0</td>
<td>Which of the following best describes your current situation?</td>
</tr>
<tr>
<td>ENAME</td>
<td>Employer Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECNTY</td>
<td>Employer County</td>
<td>36063=Niagara; 36029=Erie</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EZIP</td>
<td>Employer Zip</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOURS</td>
<td>Hours per week at main job</td>
<td>ORDINAL; 97=97+, 98=DK, 99=RF</td>
<td>ASK IF EMPLY=1</td>
<td>On average, how many hours a week does you work at main job?</td>
</tr>
<tr>
<td>FTPT</td>
<td>Full time or part time status</td>
<td>1=FULLTIME, 2=PARTTIME</td>
<td>ASK IF EMPLY=1</td>
<td>COMPUTED FROM HOURS; &lt;30=Part-time; &gt;29 and &lt;98=Full-time</td>
</tr>
<tr>
<td>OCCUP</td>
<td>Primary occupation</td>
<td>11=Construction; 12=Manufacturing; 13=Transportation and public utilities; 14=Trade (wholesale and retail); 15=Finance/insurance/real estate; 16=Services; 17=Education; 18=Government; 19=Health services; 20=Education; 97=Other; 99=DK/RF</td>
<td>ASK IF EMPLY=1</td>
<td>What is (your) primary occupation?</td>
</tr>
<tr>
<td>O_OCCUP</td>
<td>Other primary occupation</td>
<td></td>
<td>ASK IF OCCUP=97</td>
<td>What is (your) primary occupation?</td>
</tr>
<tr>
<td>JLOC</td>
<td>Job Location</td>
<td>1=Home; 2=Fixed address; 3=No fixed address; 9=DK/RF</td>
<td>ASK IF EMPLY=1</td>
<td>Which of the following best describes your job location?</td>
</tr>
<tr>
<td>BENEF</td>
<td>Employer Benefits</td>
<td>0=None of these; 1=Parking; 2=Public Transit; 3=Tollroad; 9=DK/RF</td>
<td>ASK IF JOBS is &gt;0</td>
<td>Which of these, if any, does YOUR employer subsidize costs?</td>
</tr>
<tr>
<td>BENEF2</td>
<td>Employer Benefits</td>
<td>0=None of these; 1=Parking; 2=Public Transit; 3=Tollroad; 9=DK/RF</td>
<td>ASK IF BENEF more than one offered</td>
<td>Which of these, if any, does YOUR employer subsidize costs?</td>
</tr>
<tr>
<td>BENEF3</td>
<td>Employer Benefits</td>
<td>0=None of these; 1=Parking; 2=Public Transit; 3=Tollroad; 9=DK/RF</td>
<td>ASK IF BENEF more than two offered</td>
<td>Which of these, if any, does YOUR employer subsidize costs?</td>
</tr>
<tr>
<td>PRKP1</td>
<td>Amount Personally Paid for Parking</td>
<td>000000=FREE, 999999=DK/RF</td>
<td>ASK IF EMPLY=1 and JLOC&gt;1</td>
<td>How much if anything, do you personally pay to park?</td>
</tr>
<tr>
<td>PARU1</td>
<td>Parking Unit</td>
<td>0=Per visit; 1=Hourly; 2=Daily; 3=Weekly; 4=Monthly; 5=Annually; 7=Other; 9=DK/RF</td>
<td>ASK IF PRKP1&gt;0 AND &lt;999999</td>
<td>What time period does that payment cover?</td>
</tr>
<tr>
<td>O_PARU1</td>
<td>Other-Parking Unit</td>
<td>ASK IF PARU1=7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMPT1</td>
<td>Employer Paid Transit</td>
<td>1=YES, 2=NO, 9=DK/RF</td>
<td>ASK IF JLOC&gt;1</td>
<td>Does your employer offer to pay for any of the cost of public transit?</td>
</tr>
</tbody>
</table>
| EMPT2 | Employee use paid transit | 1=YES, 2=NO, 9=DK/RF | ASK IF EMPT1=1 | Do you use the employer's offer to pay?
# 2002 Buffalo-Niagara Regional Transportation Survey

## Data Dictionary

<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Variable Description</th>
<th>Codeset</th>
<th>Skip</th>
<th>Actual Question Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMODE</td>
<td>Usual mode to main job</td>
<td>1=Drive alone; 2=Auto, truck, van shared ride - 2+ persons; 3=public transit; 4=walk; 5=bike; 9=DK/RF</td>
<td>ASK IF JLOC&gt;1</td>
<td>How do you get to their main job?</td>
</tr>
<tr>
<td>TRANPAY</td>
<td>Transit Cost</td>
<td>000000=FREE, 999999=DK/RF</td>
<td>ASK IF WMODE=3</td>
<td>How much do you personally pay for a transit pass or ride?</td>
</tr>
<tr>
<td>PAYUNIT</td>
<td>Transit pass cost unit</td>
<td>0=Per ride; 1=Daily; 2=Weekly; 3=Monthly; 4=Annually; 9=DK/RF</td>
<td>ASK IF TRANPAY&gt;0 AND &lt;999999</td>
<td>What time period does that payment cover?</td>
</tr>
<tr>
<td>HOURS2</td>
<td>Hours per week at second job</td>
<td>ORDINAL; 97=97+, 98=DK, 99=RF</td>
<td>ASK IF JOBS=2 OR JOBS=3</td>
<td>How many total hours per week, on average, does you work at this second job?</td>
</tr>
<tr>
<td>FTPT2</td>
<td>Full time or part time status at 2nd job</td>
<td>1=FULLTIME, 2=PARTTIME</td>
<td>ASK IF JOBS=2 OR JOBS=3</td>
<td>POST PROCESSING…PART IF &lt;30 HRS, FULL IF &gt;29 AND &lt;98</td>
</tr>
<tr>
<td>ATTAIN</td>
<td>Highest level of education finished</td>
<td>1=11th grade or less; 2=High school graduate; 3=2 years of college/Associates degree; 4=4 years of college/Bachelors degree; 5=Post-graduate; 7=Other; 9=DK/RF</td>
<td></td>
<td>What is the highest level of education you have attained?</td>
</tr>
<tr>
<td>SCHOL</td>
<td>School type</td>
<td>1=Daycare/preschool; 2=K-6th grade; 3=7th-12th grade; 4=Trade/Technical; 5=College undergraduate studies; 6=College graduate studies; 7=Other; 9=DK/RF</td>
<td>ASK IF STUDE=1</td>
<td>What type of school is that?</td>
</tr>
<tr>
<td>SLOC</td>
<td>School location</td>
<td>1=HOME, 2=ANOTHER LOC, 9=DK/RF</td>
<td>ASK IF STUDE=1</td>
<td>Do you attend school at home or at another location?</td>
</tr>
<tr>
<td>STUDE</td>
<td>Student status</td>
<td>1=YES, 2=NO, 8=DK, 9=RF</td>
<td></td>
<td>Do you go to any type of school, including day-care, technical institutes, adult classes, or senior care?</td>
</tr>
<tr>
<td>O_ATTAIN</td>
<td>Other Highest level of education finished</td>
<td>Ask if ATTAIN=7</td>
<td></td>
<td>What is the highest level of education you have attained?</td>
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<tr>
<td>SCHOL</td>
<td>School type</td>
<td>1=Daycare/preschool; 2=K-6th grade; 3=7th-12th grade; 4=Trade/Technical; 5=College undergraduate studies; 6=College graduate studies; 7=Other; 9=DK/RF</td>
<td>ASK IF STUDE=1</td>
<td>What type of school is that?</td>
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<td>O_ATTAIN</td>
<td>Other Highest level of education finished</td>
<td>Ask if ATTAIN=7</td>
<td></td>
<td>What is the highest level of education you have attained?</td>
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<tr>
<td>STUDE</td>
<td>Student status</td>
<td>1=YES, 2=NO, 8=DK, 9=RF</td>
<td></td>
<td>Do you go to any type of school, including day-care, technical institutes, adult classes, or senior care?</td>
</tr>
<tr>
<td>SCHOL</td>
<td>School type</td>
<td>1=Daycare/preschool; 2=K-6th grade; 3=7th-12th grade; 4=Trade/Technical; 5=College undergraduate studies; 6=College graduate studies; 7=Other; 9=DK/RF</td>
<td>ASK IF STUDE=1</td>
<td>What type of school is that?</td>
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<tr>
<td>SLOC</td>
<td>School location</td>
<td>1=HOME, 2=ANOTHER LOC, 9=DK/RF</td>
<td>ASK IF STUDE=1</td>
<td>Do you attend school at home or at another location?</td>
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<tr>
<td>SCNTY</td>
<td>School County</td>
<td>36063=Niagara; 36029=Erie</td>
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<tr>
<td>O_SCNTY</td>
<td>Other - School County Specific</td>
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<td>SZIP</td>
<td>School Zip</td>
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<td>GETUP</td>
<td>Wake</td>
<td>9999=DK/RF</td>
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<td>What time did you wake up on your travel day?</td>
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<tr>
<td>GOBED</td>
<td>Sleep</td>
<td>9999=DK/RF</td>
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<td>What time did you go to sleep on your travel day?</td>
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<td>TOTPL</td>
<td>Total places visited</td>
<td>999=DK/RF</td>
<td></td>
<td>How many total places did you visit over the course of the travel day?</td>
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<tr>
<td>NTRIPS</td>
<td>Total trips taken</td>
<td>999=DK/RF</td>
<td></td>
<td>POST PROCESSING</td>
</tr>
<tr>
<td>NOGO</td>
<td>No trips verified</td>
<td>1=TRUE, 2=FALSE</td>
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<td>So, you made not trips, including work or school?</td>
</tr>
<tr>
<td>NOTRP</td>
<td>Reason for no trips</td>
<td>ASK IF NOGO=1</td>
<td></td>
<td>So, you made not trips, including work or school?</td>
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<tr>
<td>INTRV</td>
<td>Whether respondent was interviewed</td>
<td>1=YES, 2=NO</td>
<td></td>
<td></td>
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<td>PROXY</td>
<td>ASK IF INTRV=2</td>
<td></td>
<td></td>
<td>Did you use your travel log to record your travel?</td>
</tr>
<tr>
<td>DIARY</td>
<td>Diary use</td>
<td>1=YES, 2=NO, 9=DK/RF</td>
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<td>When did you complete your travel log?</td>
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<tr>
<td>DUSE</td>
<td>How completed the diary</td>
<td>1=During trip making, 2=After the day, 3=Both, 7=Other</td>
<td>ASK IF DIARY=1</td>
<td>When did you complete your travel log?</td>
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<td>O_DUSE</td>
<td>Other completed the diary</td>
<td>ASK IF DUSE=7</td>
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<td>VEHNO</td>
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<td>VEHICLE NUMBER</td>
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<td>YEAR</td>
<td>Vehicle year</td>
<td>8888=DK, 9999=RF</td>
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<td>What is the year of your vehicle?</td>
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<td>Variable Name</td>
<td>Variable Description</td>
<td>Codeset</td>
<td>Skip</td>
<td>Actual Question Text</td>
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<td>---------</td>
<td>------</td>
<td>----------------------</td>
</tr>
<tr>
<td>MAKE</td>
<td>Vehicle make</td>
<td>1=Acura; 2=Audi; 3=BMW; 4=Buick; 5=Cadillac; 6=Chevrolet; 7=Chrysler; 8=Dodge; 9=Ford; 10=Geo; 11=GMC; 12=Harley Davidson; 13=Honda; 14=Hyundai; 15=Infiniti; 16=Isuzu; 17=Jaguar; 18=Jeep; 19=Kawasaki; 20=Kia; 21=Lexus; 22=Lincoln; 23=Mazda; 24=Mercury; 25=Mercedes-Benz; 26=Mitsubishi; 27=Nissan; 28=Oldsmobile; 29=Plymouth; 30=Pontiac; 31=Porsche; 32=Range Rover; 33=Saab; 34=Saturn; 35=Subaru; 36=Suzuki; 37=Toyota; 38=Volkswagen; 39=Volvo; 40=Yamaha; 41=Daewoo; 42=Dotson; 43=International; 44=Winnebago; 45=MG; 97=Other, specify; 98=Don't know; 99=Refused</td>
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<td>What is the make of your vehicle?</td>
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<td>O_MAKE</td>
<td>Other make</td>
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<tr>
<td>MODEL</td>
<td>Vehicle model</td>
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<td></td>
</tr>
<tr>
<td>OWN</td>
<td>Owned or Leased</td>
<td>1=Owned by household member; 2=Owned by person/company not in your household; 3=Leased by household member; 4=Leased by person/company not in your household; 5=Rented</td>
<td></td>
<td>Is this vehicle owned or leased?</td>
</tr>
<tr>
<td>FUEL</td>
<td>Fuel Type</td>
<td>1=Gasoline, 2=Diesel, 7=Other</td>
<td></td>
<td>What type of fuel does your vehicle use?</td>
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<td>O_FUEL</td>
<td>Other fuel type</td>
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<td>ASK IF FUEL=7</td>
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<tr>
<td>FINWG</td>
<td>Final weight - Not expanded</td>
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<tr>
<td>EXPWG</td>
<td>Expanded weight</td>
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<td>Person number</td>
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<td>Place number</td>
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<td>Address Reference Number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTYPE</td>
<td>Place type</td>
<td>1=Home; 2=School; 3=Work; 7=Previously entered place; 8=New place; 9=Out of area</td>
<td></td>
<td>Where were you….</td>
</tr>
<tr>
<td>ARRTM</td>
<td>Arrival time</td>
<td></td>
<td></td>
<td>ARRIVAL TIME</td>
</tr>
<tr>
<td>DEPTM</td>
<td>Departure time</td>
<td></td>
<td></td>
<td>DEPARTURE TIME</td>
</tr>
<tr>
<td>TRPDUR</td>
<td>Trip Duration</td>
<td></td>
<td></td>
<td>POST PROCESSING</td>
</tr>
<tr>
<td>ACTDUR</td>
<td>Activity Duration</td>
<td>NULL IF PLANO=1</td>
<td></td>
<td>POST PROCESSING</td>
</tr>
<tr>
<td>TPUR1</td>
<td>Primary purpose for travel</td>
<td>0=No other activities; 1=At home activities (eating, TV, sleeping, etc); 2=Working at home; 3=Work (includes regularly scheduled volunteer work); 4=Work-related (errands, meeting, etc); 5=Attending school; 6=School-related (extra-curricular activities); 7=Childcare; 8=Quick stop (gas, ATM, coffee, etc); 9=Shopping; 10=Visit friends/relatives; 11=Personal business (medical/dental, dry cleaning, errands, etc); 12=Eat meal outside of home (restaurant, take out, etc); 13=Entertainment, recreation, fitness; 14=Civic/religious; 15=Pick up/Drop off passenger; 16=Change mode of transportation; 17=Other; 99=DK/RF</td>
<td></td>
<td>And what was your main activity there?</td>
</tr>
<tr>
<td>O_TPUR1</td>
<td>Other primary purpose for travel</td>
<td></td>
<td>Ask if TPUR1=17</td>
<td>And what was your main activity there?</td>
</tr>
<tr>
<td>Variable Name</td>
<td>Variable Description</td>
<td>Codeset</td>
<td>Skip</td>
<td>Actual Question Text</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------</td>
<td>---------</td>
<td>------</td>
<td>----------------------</td>
</tr>
<tr>
<td>TPUR2</td>
<td>Secondary purpose for travel</td>
<td>0=No other activities; 1=At home activities (eating, TV, sleeping, etc); 2=Working at home; 3=Work (includes regularly scheduled volunteer work); 4=Work-related (errands, meeting, etc); 5=Attending school; 6=School-related (extra-curricular activities); 7=Childcare; 8=Quick stop (gas, ATM, coffee, etc); 9=Shopping; 10=Visit friends/relatives; 11=Personal business (medical/dental, dry cleaning, errands, etc); 12=Eat meal outside of home (restaurant, take out, etc); 13=Entertainment, recreation, fitness; 14=Civic/religious; 15=Pick up/Drop off passenger; 16=Change mode of transportation; 17=Other; 99=DK/RF</td>
<td>NULL IF PLANO=1</td>
<td>And what other activities did you do there?</td>
</tr>
<tr>
<td>O_TPUR2</td>
<td>Other secondary purpose for travel</td>
<td>Ask if TPUR2-4=17</td>
<td>And what other activities did you do there?</td>
<td></td>
</tr>
<tr>
<td>MODE</td>
<td>Travel mode</td>
<td>1=Walk; 2=Bicycle; 3=Auto driver; 4=Auto passenger; 5=Metro bus; 6=Metro rail; 7=School bus; 8=Taxi/Sub shuttle bus/Limousine; 9=Motorcycle; 97=Other; 99=DK/RF</td>
<td>NULL IF PLANO=1</td>
<td>What was your main means of travel to this place?</td>
</tr>
<tr>
<td>O_MODE</td>
<td>Other travel mode</td>
<td>Ask if MODE=97</td>
<td>What was your main means of travel to this place?</td>
<td></td>
</tr>
<tr>
<td>VEHAV</td>
<td>Household vehicle used for trip</td>
<td>1=YES, 2=NO, 8=DK, 9=RF</td>
<td>Ask if MODE= 3 or 4</td>
<td>Was a household vehicle used to make this trip?</td>
</tr>
<tr>
<td>VEHNO</td>
<td>Household vehicle used for trip</td>
<td>ORDINAL; 97=NON HH VEHICLE; 99=DK/RF</td>
<td>Ask if VEHAV=1</td>
<td>Which vehicle?</td>
</tr>
<tr>
<td>O_VEHNO</td>
<td>Other household vehicle used</td>
<td>Ask IF MODE=3,4, OR 9</td>
<td>What was the total number of people traveling with you?</td>
<td></td>
</tr>
<tr>
<td>HHMEM</td>
<td>Number of household members on trip</td>
<td>ORDINAL; 99=DK/RF</td>
<td>Ask IF OTHTR&gt;0</td>
<td>Of those, how many were household members?</td>
</tr>
<tr>
<td>PERTP</td>
<td>Householder members on trip</td>
<td>ORDINAL; 99=DK/RF</td>
<td>Ask IF HHMEM&gt;0</td>
<td></td>
</tr>
<tr>
<td>NONHH</td>
<td>Number of non-HH members on trip</td>
<td>ORDINAL; 98=DK/RF</td>
<td>Ask IF OTHTR&gt;0</td>
<td></td>
</tr>
<tr>
<td>PRKCO</td>
<td>Parking cost</td>
<td>000000=FREE, 999999=DK/RF</td>
<td>Ask IF MODE=3,4, OR 9</td>
<td>Did you pay to park? How much?</td>
</tr>
<tr>
<td>PRKUN</td>
<td>Parking unit</td>
<td>0=Per visit; 1=Hourly; 2=Daily; 3=Weekly; 4=Monthly; 5=Quarterly; 6=Annually; 7=None; 8=Other; 9=DK/RF</td>
<td>Ask IF PRKCO&gt;0 and &lt;999999</td>
<td>And was that…</td>
</tr>
<tr>
<td>PRKMO</td>
<td>Parking pay method</td>
<td>0=Did not use any method to pay; 1=Cash, 2=Credit card; 3=Payroll deduction/employee pass; 4=Validated parking ticket; 7=Other; 9=DK/RF</td>
<td>Ask IF PRKCO&gt;0</td>
<td>Which method did you use to pay for your parking?</td>
</tr>
<tr>
<td>O_PRKMO</td>
<td>Other parking pay method</td>
<td>Ask IF PRKMO=7</td>
<td>Which method did you use to pay for your parking?</td>
<td></td>
</tr>
<tr>
<td>ROUTE</td>
<td>Bus/rail route</td>
<td>1=YES, 2=NO</td>
<td>Ask IF ROUTE = 1</td>
<td>What route did you take?</td>
</tr>
<tr>
<td>O_ROUTE</td>
<td>Open ended route</td>
<td>Ask IF ROUTE = 1</td>
<td>What route did you take?</td>
<td></td>
</tr>
<tr>
<td>FARE</td>
<td>How much did you pay</td>
<td>000000=FREE RIDE, 999999=DK/RF</td>
<td>Ask IF MODE=5 or 6</td>
<td>How much did it cost to ride the bus or train?</td>
</tr>
<tr>
<td>FTYPE</td>
<td>How did you pay</td>
<td>1=Cash; 2=Credit card; 3=Bus/Train pass; 4=Transfer; 7=Other; 9=DK/RF</td>
<td>Ask IF FARE&gt;0 AND &lt;999999</td>
<td>How did you pay for this trip?</td>
</tr>
<tr>
<td>O_FTYPE</td>
<td>Other fare type</td>
<td>Ask IF FTYPE=7</td>
<td>How did you pay for this trip?</td>
<td></td>
</tr>
<tr>
<td>TOLL</td>
<td>Use of toll road</td>
<td>1=YES, 2=NO, 9=DK/RF</td>
<td>Ask IF MODE=3,4, OR 9</td>
<td>Did you pay a toll on your way to that place?</td>
</tr>
<tr>
<td>TTTYPE</td>
<td>Toll method of payment</td>
<td>1=EZPass; 2=Cash; 7=other; 9=DK/RF</td>
<td>Ask IF TOLL=1 OR 9</td>
<td>What form of payment did you use to pay the toll?</td>
</tr>
<tr>
<td>WALK</td>
<td>Walk/ Bike loop trips</td>
<td>1=Yes; 2=No; 3=Walk; 4=Bike; 5=Walk &amp; Bike; 6=DK/RF</td>
<td>PLANO&lt;&gt;1</td>
<td>Did you go for a walk or bike ride while you were at this place?</td>
</tr>
<tr>
<td>BLOCKS</td>
<td>Blocks travel</td>
<td>ORDINAL; 999=DK/RF</td>
<td>Ask IF WALK=1, 3, 4 or 5</td>
<td>How many blocks did you travel?</td>
</tr>
<tr>
<td>SPDFLAG</td>
<td>Speed Check Flag</td>
<td>0=No speed violation; 1=Respondent error-same area/different trip (miles=0); 2=Add 5 minutes and will pass speedcheck; 3=Add 10 minutes and will pass speedcheck; 4=Add 15 minutes and will pass speedcheck; 5=Unresolved speed violation</td>
<td>NULL IF PLANO=1</td>
<td>Post processed</td>
</tr>
<tr>
<td>FINWGT</td>
<td>Final weight - Not expanded</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EXPWG</td>
<td>Expanded weight</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Variable Name</td>
<td>Variable Description</td>
<td>Codeset</td>
<td>Skip</td>
<td>Actual Question Text</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------</td>
<td>---------</td>
<td>------</td>
<td>---------------------</td>
</tr>
<tr>
<td>LOCNO</td>
<td>Location number</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOCTYPE</td>
<td>Location Type</td>
<td>1=Home; 2=School; 3=Work; 5=Trip End</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOCATION</td>
<td>Name of place</td>
<td></td>
<td></td>
<td>What is the name of the location to where you went?</td>
</tr>
<tr>
<td>ADDRESS</td>
<td>Place address</td>
<td></td>
<td></td>
<td>What is the exact street address</td>
</tr>
<tr>
<td>CITY</td>
<td>Place city</td>
<td></td>
<td></td>
<td>What city is that in?</td>
</tr>
<tr>
<td>XSTREET</td>
<td>Place xstreets</td>
<td></td>
<td></td>
<td>What is the nearest cross-street?</td>
</tr>
<tr>
<td>LANDMARK</td>
<td>Nearest Landmark</td>
<td></td>
<td></td>
<td>What is the nearest most recognizable landmark?</td>
</tr>
<tr>
<td>COUNTY</td>
<td>Place County</td>
<td></td>
<td></td>
<td>What county is that in?</td>
</tr>
<tr>
<td>STATE</td>
<td>State</td>
<td></td>
<td></td>
<td>What state is that in?</td>
</tr>
<tr>
<td>ZIP</td>
<td>Zip code</td>
<td></td>
<td></td>
<td>What is the zipcode?</td>
</tr>
<tr>
<td>TRACT</td>
<td>Census Tract of place</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>TAZ</td>
<td>Traffic Analysis Zone</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>XCORD</td>
<td>Longitude of place</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>YCORD</td>
<td>Latitude of place</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>AV_ADD</td>
<td>Arcview Address</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>AV_STATUS</td>
<td>Arcview Status</td>
<td>M=Matched, U=Unmatched, C=Cursor Match, O=Out of State, T=Out of Country</td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>AV_ZONE</td>
<td>Arcview Zip Code</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>AV_SIDE</td>
<td>Arcview Side</td>
<td>L=Left, R=Right</td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>AV_SCORE</td>
<td>Arcview Score</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>GEOCITY</td>
<td>Geocoded City</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
<tr>
<td>GEOZIP</td>
<td>Geocoded Zip Code</td>
<td></td>
<td>ATTACHED</td>
<td></td>
</tr>
</tbody>
</table>
Recruitment Questionnaire

1: SAMPN
min = 1  max = 1  l = 7
IMPORTED SAMPLE NUMBER

2: REP
min = 1  max = 1  l = 2
REPLICATE

3: LISTD
min = 1  max = 1  l = 1
LISTED OR UNLISTED NUMBER?

4: STYPE
min = 1  max = 1  l = 1
SAMPLE TYPE

5: CTFIP
min = 1  max = 1  l = 5
COUNTY FIPS CODE

6: RFNAM
min = 1  max = 1  l = 30
IMPORTED FIRST NAME

7: RLNAM
min = 1  max = 1  l = 30
IMPORTED LAST NAME

8: PRON0
min = 1  max = 1  l = 1
CONVERSATIONAL PURPOSES

9: PHONE
min = 1  max = 1  l = 12
IMPORTED PHONE NUMBER

10: PART1
min = 1  max = 1  l = 1
SCREENER SECTION FLAG

11: INTRO
Hello, my name is ___ and I am calling on behalf of your local government and the 2002 Regional Transportation Survey. The information gathered in this study will be used by the Greater Buffalo-Niagara Regional Transportation Council and <CTFIP> for area-wide transportation planning and improvements. May I speak with ___? IF THERE IS NO NAME, THIS IS NOT A PARTIAL, SELECT RESTART AT BEGINNING. INTERVIEWERS; YOU NEED TO RECRUIT EVERYONE IN THE HOUSEHOLD!

12: INT00
Hello, my name is ___ and I am calling on behalf of your local government and the 2002 Regional Transportation Survey. The information gathered in this study will be used by the Greater Buffalo-Niagara Regional Transportation Council and <CTFIP> for area-wide transportation planning and improvements. May I speak with ___? IF NEW RESPONDENT, REPEAT INTRODUCTION. YOU MUST RECRUIT EVERYONE IN THE HOUSEHOLD!
Recruitment Questionnaire

Now I need to get information about the persons in your household. How many people, including yourself, live in your household? CLARIFY: Includes all persons who sleep there at least 3 nights per week. ALL HOUSEHOLD MEMBERS MUST BE RECRUITED REGARDLESS OF THEIR AGE AND IF THEY DRIVE OR NOT!

**ONE** ................................................................. 01

**TWO** ................................................................. 02

**THREE** ............................................................... 03

**FOUR** ................................................................. 04

**FIVE** ................................................................. 05

**SIX** ................................................................. 06

**SEVEN** ............................................................. 07

**EIGHT OR MORE** .............................................. 08

**DK** ................................................................... 98

**RF** ................................................................... 99

---

**13:**

**min = 1 max = 1 l = 2**

Your household has been statistically chosen to participate in a very important survey of travel patterns. The information will be used by transportation planners to identify where, when, and how people get around in your area, so they may come up with smarter ways of spending transportation dollars. You should have heard about this study in your local news. IF THEY SEEM NOT TO KNOW ABOUT SURVEY, TRY AND ANSWER QUESTIONS ABOUT IT.

**Continue ................................................................. OK D**

1st Refusal ............................................................... R1 => /END

Continue ................................................................. CB => /CB

---

**14:**

**min = 1 max = 1 l = 1**

PRESS ENTER TO CONTINUE

This survey has three parts; first I will conduct a phone interview with you. Second, we will mail you personal travel logs so that everyone in your household can record their travel for one day. Finally, we will call you back to collect the information that you recorded in your logs. Unless you have questions I will begin the first part now.

**CONTINUE ................................................................. 1 D => /HCNTY**

---

**15:**

**min = 1 max = 1 l = 1**

PRESS ENTER TO CONTINUE

Okay. We will begin by reviewing some of the information, if any, that you gave us earlier.

**CONTINUE ................................................................. 1 D => /HCNTY**

---

**16:**

**min = 1 max = 1 l = 1**

PRESS ENTER TO CONTINUE

Okay. We will begin by reviewing some of the information, if any, that you gave us earlier.

**CONTINUE ................................................................. 1 D => /GO2P1**

---

**17:**

**min = 1 max = 1 l = 5**

First I need to verify that you live in a CTFH

**NEEDED**

Erie County ............................................................. 36029

Niagara County .......................................................... 36063

**DK/RF ................................................................. 99999 => INT04**

---

**18:**

**min = 1 max = 1 l = 2**

**HHSIZ**

---

**19:**

**min = 1 max = 1 l = 2**

ENTER NUMBER OF PERSONS IN HOUSEHOLD FORMAT: 8 TO 20

**<-> +1**

**si NOT HHSIZ-08**

**DK/RF ................................................................. 99**

---

**20:**

**min = 1 max = 1 l = 2**

Now, how many vehicles are presently available to members of your household? This includes all cars, vans, trucks, RVs, SUVs, motorcycles and mopeds, whether owned or leased or provided by an employer.

**ZERO ................................................................. 00**

**ONE ................................................................. 01**

**TWO ................................................................. 02**

**THREE ............................................................... 03**

**FOUR ................................................................. 04**

**FIVE ................................................................. 05**

**SIX ................................................................. 06**

**SEVEN ............................................................. 07**

**EIGHT OR MORE** .............................................. 08

**DK ................................................................. 98**

**RF ................................................................. 99**

---

**21:**

**min = 1 max = 1 l = 2**

ENTER EXACT NUMBER OF VEHICLES IN HOUSEHOLD FORMAT: 8 TO 20

**<-> +1**

**si NOT VEH08**

**DK/RF ................................................................. 99**
Recruitment Questionnaire

**22: GO2V1**
min = 1 max = 1 l = 1

MOVE TO 1ST VEHICLE

=> *

si RNB(1,VSAMP)

**23: VSAMP**
min = 1 max = 1 l = 1

VEHICLE SAMPLE NUMBER

=> *

si SAMPN

**24: VEHNO**
min = 1 max = 1 l = 1

VEHICLE NUMBER

=> *

si SR

* vehículo 1 .......................................................... 01 *
* vehículo 2 .......................................................... 02 *
* vehículo 3 .......................................................... 03 *
* vehículo 4 .......................................................... 04 *
* vehículo 5 .......................................................... 05 *
* vehículo 6 .......................................................... 06 *
* vehículo 7 .......................................................... 07 *
* vehículo 8 .......................................................... 08 *

**25: PRON5**
min = 1 max = 1 l = 1

CONVERSATIONAL PURPOSES

=> *

si IF (VEHNO==1),9,SR

vehicle number one, the one that is driven the most? 1
vehicle number two? ............................................... 2
vehicle number three? ............................................. 3
vehicle number four? .............................................. 4
vehicle number five? .............................................. 5
vehicle number six? .............................................. 6
vehicle number seven? .......................................... 7
vehicle number eight? .......................................... 8
your vehicle? ...................................................... 9

**26: YEAR**
min = 1 max = 1 l = 1

<VEHNO>

Now think about your vehicles in order from being driven the most to being driven the least.

What is the year of your vehicle? RANGE: 1900 TO 2003

DK....................................................................8888

RF.....................................................................9999
<VEHNO >
What is the make of that vehicle?

ACURA .............................................................. 01
AUDI ............................................................. 02
BMW .............................................................. 03
BUICK .............................................................. 04
CADILLAC ........................................................ 05
CHEVROLET ...................................................... 06
CHRYSLER ........................................................ 07
DAEWOO .......................................................... 08
DODGE .............................................................. 09
FORD ............................................................... 10
GEO ................................................................. 11
GMC ................................................................. 12
HARLEY DAVIDSON ......................................... 13
HONDA ............................................................. 14
HYUNDAI ........................................................ 15
INFINITI ........................................................... 16
ISUZU ............................................................... 17
JAGUAR ............................................................ 18
JEEP ................................................................. 19
KAWASAKI ....................................................... 20
KIA ................................................................. 21
LEXUS .............................................................. 22
LINCOLN .......................................................... 23
MAZDA ............................................................. 24
MERCURY ........................................................ 25
MERCEDES ...................................................... 26
MITSUBISHI ..................................................... 27
NISSAN ........................................................... 28
OLDSMOBILE ................................................... 29
PLYMOUTH ....................................................... 30
PONTIAC .......................................................... 31
PORSCHE ......................................................... 32
RANGE ROVER .................................................. 33
SAAB ............................................................... 34
SATURN ........................................................... 35
SUBARU ........................................................... 36
SUZUKI ............................................................ 37
TOYOTA ........................................................... 38
VOLKSWAGEN ................................................... 39

YAMAHA .......................................................... 40
OTHER, SPECIFY .............................................. 70
DON'T KNOW .................................................... 71
REFUSED .......................................................... 72

8: GO2MD
min = 1 max = 1  l = 1
GO TO MODEL PROCEDURE

29: MODEL
min = 1 max = 1  l = 30
VEHICLE MODEL

30: MVMOD
min = 1 max = 1  l = 1
MOVE MODEL TEXT

31: VOWN
min = 1 max = 1  l = 1

<VEHNO >
Is this vehicle...

Owned by a household member ......................... 1

Owned by a person/company not in your household2

Leased by a household member .......................... 3

Leased by a person/company not in your household4

Rented ............................................................ 5

32: FUEL
min = 1 max = 1  l = 1
What type of fuel does this vehicle use?

GASOLINE ...................................................... 1

DIESEL ........................................................... 2

OTHER, SPECIFY .............................................. 7

DK/RF ............................................................. 9

33: VREND
min = 1 max = 1  l = 1

END VEHICLE ROSTER YOU HAVE FINISHED<VEHNO> OF
A-HIVEV-VEHICLE HOUSEHOLD
CONTINUE WITH NEXT VEHICLE ......................... 1

FINISHED WITH VEHICLES .............................. 2

=> CNTV
34: CNTV
min = 1 max = 1 l = 2
COUNT NUMBER OF ROWS IN ROSTER WITH NONBLANK MAKES

ONE.................01
TWO...................02
THREE..................03
FOUR..........................04
FIVE.......................05
SIX...............................06
SEVEN.........................07
EIGHT............................08

35: GOV1
min = 1 max = 1 l = 1
GO RO ROW 1

36: MVY1
min = 1 max = 1 l = 1
COPY YEAR 1

37: MOM1
min = 1 max = 1 l = 1
COPY MAKE 1

38: MOO1
min = 1 max = 1 l = 1
COPY MODEL 1

39: SKV2
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE

40: GOV2
min = 1 max = 1 l = 1
GO RO ROW 2

41: MVY2
min = 1 max = 1 l = 1

42: MOM2
min = 1 max = 1 l = 1
COPY MAKE 2

43: MOO2
min = 1 max = 1 l = 1
COPY MODEL 2

44: SKV3
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE

45: GOV3
min = 1 max = 1 l = 1
GO RO ROW 3

46: MVY3
min = 1 max = 1 l = 1
COPY YEAR 3

47: MOM3
min = 1 max = 1 l = 1
COPY MAKE 3

48: MOO3
min = 1 max = 1 l = 1
COPY MODEL 3

49: SKV4
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE

50: GOV4
min = 1 max = 1 l = 1
GO RO ROW 4
Recruitment Questionnaire

51: MVY4
min = 1 max = 1 l = 1
COPY YEAR 4
=> *
si MST(YEAR,YEAR4)

52: MOM4
min = 1 max = 1 l = 1
COPY MAKE 4
=> *
si MST(MAKE,MAKE4)

53: MOO4
min = 1 max = 1 l = 1
COPY MODEL 4
=> *
si MST(MODEL,MODEL4)

54: SKV5
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
=> VEEND
sinon => +1
si HHVEH=04

55: GOV5
min = 1 max = 1 l = 1
GO RO ROW 5
=> *
si RNB(5,VSAMP)

56: MVY5
min = 1 max = 1 l = 1
COPY YEAR 5
=> *
si MST(YEAR,YEAR5)

57: MOM5
min = 1 max = 1 l = 1
COPY MAKE 5
=> *
si MST(MAKE,MAKE5)

58: MOO5
min = 1 max = 1 l = 1
COPY MODEL 5
=> *
si MST(MODEL,MODEL5)

59: SKV6
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
=> VEEND
sinon => +1
si HHVEH=05

60: GOV6
min = 1 max = 1 l = 1

61: MVY6
min = 1 max = 1 l = 1
COPY YEAR 6
=> *
si MST(YEAR,YEAR6)

62: MOM6
min = 1 max = 1 l = 1
COPY MAKE 6
=> *
si MST(MAKE,MAKE6)

63: MOO6
min = 1 max = 1 l = 1
COPY MODEL 6
=> *
si MST(MODEL,MODEL6)

64: SKV7
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
=> VEEND
sinon => +1
si HHVEH=06

65: GOV7
min = 1 max = 1 l = 1
GO RO ROW 7
=> *
si RNB(7,VSAMP)

66: MVY7
min = 1 max = 1 l = 1
COPY YEAR 7
=> *
si MST(YEAR,YEAR7)

67: MOM7
min = 1 max = 1 l = 1
COPY MAKE 7
=> *
si MST(MAKE,MAKE7)

68: MOO7
min = 1 max = 1 l = 1
COPY MODEL 7
=> *
si MST(MODEL,MODEL7)

69: SKV8
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
=> VEEND
sinon => +1
si HHVEH=07
70: GOV8
min = 1 max = 1 l = 1
GO RO ROW 8
=> *
si RNB(8, VSAMP)

71: MVY8
min = 1 max = 1 l = 1
COPY YEAR 8
=> *
si MST(YEAR, YEAR8)

72: MOM8
min = 1 max = 1 l = 1
COPY MAKE 8
=> *
si MST(MAKE, MAKE8)

73: MOO8
min = 1 max = 1 l = 1
COPY MODEL 8
=> *
si MST(MODEL, MODL8)

74: VEEND
min = 1 max = 1 l = 1
END OF YEAR PROCEDURE
=> *
si 1

75: RESTY
min = 1 max = 1 l = 1
Do you live in a...
Unattached Single Family Home or mobile home/trailer 1

Duplex/Apartment/Condo/Town home 2

Group quarters (dorms, barracks, etc. (eligible respondents based on the "room" to which phone # is assigned.) GET ROOM NUMBER FOR ADDRESS!! 3

OTHER, SPECIFY ................................................. 7 O

DK/RF .................................................................... 9

76: OWN
min = 1 max = 1 l = 1
Do you own or rent this home?
OWN/BUYING ...................................................... 1

RENT ..................................................................... 2

OTHER, SPECIFY ................................................. 7 O

DK ......................................................................... 8

RF .......................................................................... 9

77: PART2
min = 1 max = 1 l = 1
RECRUITMENT SECTION FLAG
=> *
si IF((NOT PART2=1),1)

RECRUITMENT SECTION ..................................... 1

78: GO2P1
min = 1 max = 1 l = 1
MOVE TO 1ST PERSON
=> *
si RNB(1, PSAMP)

79: PSAMP
min = 1 max = 1 l = 1
PERSON SAMPLE NUMBER BEGIN PERSON ROSTER
=> *
si SAMPN

80: PERNO
min = 1 max = 1 l = 2
PERSON NUMBER
=> *
si $R

PERSON 1............................................................ 01

PERSON 2............................................................ 02

PERSON 3............................................................ 03

PERSON 4............................................................ 04

PERSON 5............................................................ 05

PERSON 6............................................................ 06

PERSON 7............................................................ 07

PERSON 8............................................................ 08

81: FIRST
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES
=> *
si V01($R==1)*1+V01(HHSIZ==2 AND $R==2)*2+V01(HHSIZ>2 AND $R>=2)*3

What is your first name? VERIFY THAT THIS IS THE RESPONDENT 1

What is the first name of the other person living in your home? 2

What is the first name of the next person in your home, from oldest to youngest? 3

82: FNAME
min = 1 max = 1 l = 20
<PERNO>

"PERSON X", WHERE X IS THE PERSON NUMBER. EXAMPLE: PERSON 3
Recruitment Questionnaire

83: RESP
min = 1 max = 1 l = 1
<PERNO>
IS THIS PERSON THE RESPONDENT? ONLY THE PERSON YOU ARE SPEAKING TO CAN BE THE RESPONDENT.
YES……………………………………...1
NO……………………………………...2

84: MVRF
min = 1 max = 1 l = 1
COPY RESPONDENT FNAME

85: GEND
min = 1 max = 1 l = 1
<PERNO>
What is FNAME’s gender? DON’T ASK FOR RESPONDENT
MALE………………………………………….1
FEMALE………………………………………2
DK/RF…………………………………………9

86: YOUR
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES your, his, her

87: YOU
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES you, him, her

88: YOU2
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES you, him, her

89: AGE
min = 1 max = 1 l = 2

90: RELAT
min = 1 max = 1 l = 1
<PERNO>
What is YOUR’s relationship to you? DON’T ASK FOR RESPONDENT
SELF………………………………………….1
SPOUSE/PARTNER…………………………2
SON/DAUGHTER…………………………...3
MOTHER/FATHER/MOTHER IN-LAW/FATHER IN-LAW 4
OTHER RELATIVE…………………………….5
LIVE-IN HELP………………………………6
NOT RELATED………………………………7
DK/RF…………………………………………9

91: LIC
min = 1 max = 1 l = 1
<PERNO>
Do/Does YOU have a valid driver’s license?

92: DISAB
min = 1 max = 1 l = 1
<PERNO>
Do/Does YOU have a physical, mental, or other health disability that has lasted 6 or more months and which makes it difficult for YOU to go outside the home alone, for example to shop or visit a doctor's office?

93: MVRF
min = 1 max = 1 l = 1
COPY RESPONDENT FNAME

94: GEND
min = 1 max = 1 l = 1
<PERNO>
What is FNAME’s gender? DON’T ASK FOR RESPONDENT
MALE………………………………………….1
FEMALE………………………………………2
DK/RF…………………………………………9

95: YOUR
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES your, his, her

96: YOU
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES you, him, her

97: YOU2
min = 1 max = 1 l = 1
CONVERSATIONAL PURPOSES you, him, her

98: AGE
min = 1 max = 1 l = 2

99: RELAT
min = 1 max = 1 l = 1
<PERNO>
What is YOUR’s relationship to you? DON’T ASK FOR RESPONDENT
SELF………………………………………….1
SPOUSE/PARTNER…………………………2
SON/DAUGHTER…………………………...3
MOTHER/FATHER/MOTHER IN-LAW/FATHER IN-LAW 4
OTHER RELATIVE…………………………….5
LIVE-IN HELP………………………………6
NOT RELATED………………………………7
DK/RF…………………………………………9

100: LIC
min = 1 max = 1 l = 1
<PERNO>
Do/Does YOU have a valid driver’s license?

101: DISAB
min = 1 max = 1 l = 1
<PERNO>
Do/Does YOU have a physical, mental, or other health disability that has lasted 6 or more months and which makes it difficult for YOU to go outside the home alone, for example to shop or visit a doctor's office?
93: DISTY

min = 1 max = 1 l = 1

<PERNO>

What type of disability is that?

=> +1

si NOT DISAB=1

NONE ................................................................. 1
DIFFICULTY STANDING, WALKING OR CLIMBING STAIRS 2
VISUALLY IMPAIRED/BLIND ...................................... 3
HEARING IMPAIRED/DEAF .......................................... 4
WHEELCHAIR .......................................................... 5
REQUIRE CANE/WALKER ............................................. 6
OTHER, SPECIFY .................................................. 7 O
DK/RF ..................................................................... 9

94: JOBS

min = 1 max = 1 l = 1

<PERNO>

How many paying jobs do/does <YOU> hold?

=> STUDE

si AGE<16

NONE ................................................................. 0
ONE ................................................................. 1 => MAINW
TWO ................................................................. 2 => MAINW
THREE OR MORE ..................................................... 3 => MAINW
DK/RF ................................................................. 9

95: PRIMA

min = 1 max = 1 l = 1

<PERNO>

Which of the following best describes <YOU>'s current situation?

Retired ................................................................. 1
Disability status ..................................................... 2
Homemaker .......................................................... 3
Unemployed and looking for work ......................... 4
Unemployed and NOT looking for work .................... 5
Other, SPECIFY .................................................. 7 O
DK/RF ................................................................. 9

96: MAINW

min = 1 max = 1 l = 1

CONVERSATIONAL PURPOSES

=> *

si IF((JOBS>1),1,2)

main ................................................................. 1

97: JOBFI

min = 1 max = 1 l = 2

<PERNO>

On average, how many hours a week do/does <YOU> work at <YOUR><MAINW> job?

=> STUDE

si JOBS=0,9

97+ hours ............................................................ 97
DK ................................................................. 98
RF ................................................................. 99

98: FTPT

min = 1 max = 1 l = 1

FULL-TIME, PART-TIME

=> *

si IF(JOBF1>29 AND JOBF1<98),1,2)

FULL-TIME ........................................................... 1
PART-TIME .......................................................... 2

99: OCCUP

min = 1 max = 1 l = 2

<PERNO>

What is <YOUR> primary occupation?

Construction ....................................................... 11
Manufacturing ....................................................... 12
Transportation and public utilities ......................... 13
Trade (wholesale and retail) ................................... 14
Finance/insurance/real estate ................................ 15
Services ............................................................ 16
Education ............................................................ 17
Government ......................................................... 18
Health services .................................................... 19
OTHER, SPECIFY .................................................. 97 O
DK/RF ................................................................. 99

100: JLOC1

min = 1 max = 1 l = 1

<PERNO>

Which of the following best describes <YOUR> job location?

Home ............................................................... 1 => BENEF
Fixed Address ..................................................... 2
No fixed address (e.g. traveling salesman, repairman, etc.) VERIFY THAT THERE IS NO OFFICE THAT THEY GO TO REGULARLY3 => BENEF
DK/RF ................................................................. 9
Recruitment Questionnaire

101:

min = 1  max = 1  l = 5

<PERNO >

Is YOUR MAIN job in <HCNTY >? SELECT APPROPRIATE COUNTY

Erie County ......................................................... 36029
Niagara County .................................................... 36063
OTHER, SPECIFY ........................................... 99997 O
DK/RF ................................................................. 99999

102:

min = 1  max = 1  l = 30

can [mode 0] -> WZIP1

<PERNO >

WORKPLACE NAME

min = 1  max = 1  l = 5

WORK ZIP CODE
WORK ADDRESS
DK/RF ................................................................. 99999

104:

min = 1  max = 3  l = 1

<PERNO >

Which of these, if any, does YOUR employer subsidize costs?

NONE OF THESE ................................................. 0 X
Parking ......................................................... 1
Public transit .................................................... 2
Toll road .......................................................... 3
DK/RF ................................................................. 9 X

105:

min = 1  max = 1  l = 1

<PERNO >

Does YOUR employer offer to pay for any of the cost for public transit? Yes ............................................. 1
No ................................................................. 2  => MODE1
DK/RF ................................................................. 9  => MODE1

106:

min = 1  max = 1  l = 1

<PERNO >

Do/Does <YOU> use the employer's offer to pay? YES ......................................................... 1
NO ................................................................. 2
DK/RF ................................................................. 9

107:

min = 1  max = 1  l = 1

MODE1

<PERNO >

How do/does <YOU> usually get to YOUR MAIN job?

Drive alone ......................................................... 1
Auto, Truck, Van shared ride - 2+ persons ............... 2
Public transit ....................................................... 3
Walk ................................................................. 4
Bike ................................................................. 5
DK/RF ................................................................. 9

108:

min = 1  max = 1  l = 6

<PERNO >

How much, if anything, do/does <YOU> personally pay to park and what time period does that cover? YOU CAN ENTER CHANGE AMOUNTS, LIKE "50 CENTS"

FREE ............................................................... 000000
FREE ................................................................. 0 X
DK/RF ................................................................. 999999

109:

min = 1  max = 1  l = 1

<PERNO >

ENTER TIME PERIOD

=> +1
si PRKP1=000000 OR PRKP1=999999

110:

min = 1  max = 1  l = 6

<PERNO >

How much do/does <YOU> personally pay for a transit pass or ride and what time period does that cover? YOU CAN ENTER CHANGE AMOUNTS, LIKE "50 CENTS"

=> +2
si NOT MODE1=1-2
NOTHING ....................................................... 000000
FREE ................................................................. 0 X
DK/RF ................................................................. 999999

111:

min = 1  max = 1  l = 1

<PERNO >

OTHER, SPECIFY ........................................... 99997 O
DK/RF ................................................................. 999999

112:

min = 1  max = 1  l = 1

<PERNO >

OTHER, SPECIFY ........................................... 99997 O
DK/RF ................................................................. 999999
111: BUSU1
min = 1 max = 1 l = 1
<PERNO >
ENTER TIME PERIOD
--- +1
si BUSP1=000000 OR BUSP1=999999
Per ride .............................................. 0
Daily .................................................................... 1
Weekly .......................................................... 2
Monthly ................................................................ 3
Annually ....................................................... 4
DK/RF ......................................................... 9

112: HWOR2
min = 1 max = 1 l = 2
<PERNO >
How many hours a week on average, do/does YOU work at this second job? IF LESS THAN 1, ENTER 0
--- STUDE
si JOBS=1 OR JOBS=9
97+ hours ................................................. 97
DK ...................................................................... 98
RF ...................................................................... 99

113: STUDE
min = 1 max = 1 l = 1
<PERNO >
Are/is YOU enrolled in any type of school, including day-care, technical institutes, adult classes, or senior care?
YES ......................................................... 1
NO .................................................................... 2 => EDUCA
DK ...................................................................... 8 => EDUCA
RF ...................................................................... 9 => EDUCA

114: SCHOL
min = 1 max = 1 l = 1
<PERNO >
What type of school is that?
DAYCARE/PRE-SCHOOL.............................. 1
K - 6 ......................................................... 2
7 - 12 ......................................................... 3
TRADE/TECHNICAL .................................... 4
COLLEGE UNDERGRADUATE STUDIES ...... 5
COLLEGE GRADUATE STUDIES ............... 6
OTHER, SPECIFY .................................... 7 O
DK/RF ......................................................... 9

115: SLOC1
min = 1 max = 1 l = 1

116: SCNT1
min = 1 max = 1 l = 5
<PERNO >
Is the school in <HCNTY>
SELECT APPROPRIATE COUNTY
--- SCNT1
<PERNO >
OTHER, SPECIFY .................................... 99997 O
DK/RF ......................................................... 9

117: SNAM1
min = 1 max = 1 l = 30
cr é an [modèle 0] -> SZIP1
<PERNO >
SCHOOL NAME

118: SZIP1
min = 1 max = 1 l = 5
SCHOOL ADDRESS
SCHOOL ZIP CODE
DK/RF ......................................................... 99999

119: EDUCA
min = 1 max = 1 l = 1
<PERNO >
What is the highest level of education YOU have attained?
11TH GRADE OR LESS............................... 1
HIGH SCHOOL GRADUATE ...................... 2
2 YEARS OF COLLEGE/ASSOCIATES DEGREE3
4 YEARS OF COLLEGE/BACHELORS DEGREE4
POST-GRADUATE ...................................... 5
OTHER, SPECIFY .................................... 7 O
DK/RF ......................................................... 9

120: PREND
min = 1 max = 1 l = 1
PERSON<PERNO >
END OF PERSON ROSTER YOU HAVE FINISHED<PERNO >
IN A-HHSIZ-PERSON HOUSEHOLD
GO TO NEXT PERSON ............................... 1
DONE WITH HH MEMBERS .......................... 2 => CNTP
Recruitment Questionnaire

121: CNTP
min = 1 max = 1 l = 2
COUNT NUMBER OF ROWS IN ROSTER WITH NONBLANK NAMES
  => *
  si CSM(IF((NOT FNAME==0),1,0))
  ONE ................................................. 01
  TWO ................................................. 02
  THREE .............................................. 03
  FOUR ................................................ 04
  FIVE ............................................... 05
  SIX ................................................. 06
  SEVEN ............................................ 07
  EIGHT ............................................. 08

122: GOR1
min = 1 max = 1 l = 1
GO RO ROW 1
  => *
  si RNB(1,PSAMP)

123: MVN1
min = 1 max = 1 l = 1
COPY NAME 1
  => *
  si MST(FNAME,NAME1)

124: MVG1
min = 1 max = 1 l = 1
COPY GENDER 1
  => *
  si MOV(GEND,GEND1)

125: MVA1
min = 1 max = 1 l = 1
COPY AGE 1
  => *
  si MOV(AGE,AGE1)

126: SKN2
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
  => NAEND
  sinon => +1
  si HHSIZ=02

127: GOR2
min = 1 max = 1 l = 1
GO RO ROW 2
  => *
  si RNB(2,PSAMP)

128: MVN2
min = 1 max = 1 l = 1
COPY NAME 2
  => *
  si MST(FNAME,NAME2)

129: MVG2
min = 1 max = 1 l = 1
COPY GENDER 2
  => *
  si MOV(GEND,GEND2)

130: MVA2
min = 1 max = 1 l = 1
COPY AGE 2
  => *
  si MOV(AGE,AGE2)

131: SKN3
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
  => NAEND
  sinon => +1
  si HHSIZ=03

132: GOR3
min = 1 max = 1 l = 1
GO RO ROW 3
  => *
  si RNB(3,PSAMP)

133: MVN3
min = 1 max = 1 l = 1
COPY NAME 3
  => *
  si MST(FNAME,NAME3)

134: MVG3
min = 1 max = 1 l = 1
COPY GENDER 3
  => *
  si MOV(GEND,GEND3)

135: MVA3
min = 1 max = 1 l = 1
COPY AGE 3
  => *
  si MOV(AGE,AGE3)

136: SKN4
min = 1 max = 1 l = 1
SKIP TO END IF NO MORE
  => NAEND
  sinon => +1
  si HHSIZ=04

137: GOR4
min = 1 max = 1 l = 1
GO RO ROW 4
  => *
  si RNB(4,PSAMP)
<table>
<thead>
<tr>
<th>Line</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>138:</td>
<td>Copy Name 4</td>
</tr>
<tr>
<td>139:</td>
<td>Copy Gender 4</td>
</tr>
<tr>
<td>140:</td>
<td>Copy Age 4</td>
</tr>
<tr>
<td>141:</td>
<td>Skip to end if no more</td>
</tr>
<tr>
<td>142:</td>
<td>Go to row 5</td>
</tr>
<tr>
<td>143:</td>
<td>Copy Name 5</td>
</tr>
<tr>
<td>144:</td>
<td>Copy Gender 5</td>
</tr>
<tr>
<td>145:</td>
<td>Copy Age 5</td>
</tr>
<tr>
<td>146:</td>
<td>Skip to end if no more</td>
</tr>
<tr>
<td>147:</td>
<td>Go to row 6</td>
</tr>
<tr>
<td>148:</td>
<td>Copy Name 6</td>
</tr>
<tr>
<td>149:</td>
<td>Copy Gender 6</td>
</tr>
<tr>
<td>150:</td>
<td>Copy Age 6</td>
</tr>
<tr>
<td>151:</td>
<td>Skip to end if no more</td>
</tr>
<tr>
<td>152:</td>
<td>Go to row 7</td>
</tr>
<tr>
<td>153:</td>
<td>Copy Name 7</td>
</tr>
<tr>
<td>154:</td>
<td>Copy Gender 7</td>
</tr>
<tr>
<td>155:</td>
<td>Copy Age 7</td>
</tr>
<tr>
<td>156:</td>
<td>Skip to end if no more</td>
</tr>
</tbody>
</table>
I'm going to read a series of broad income ranges. Stop me when I read the range in which your household income falls. Your household income is the total income made by all household members last year before taxes.

from $0 to $4,999 .................................................. 1 => INCOME
from $5,000 to $14,999 ........................................ 2 => INCOME
from $15,000 to $24,999 ........................................ 3 => INCOME
from $25,000 to $44,999 ........................................ 4 => INCOME
from $45,000 to $74,999 ........................................ 5 => INCOME
$75,000 or more.................................................... 6 => INCOME
DK/RF ..................................................................... 9

Your answers will be combined with others like yourself and will remain anonymous. so we can be sure we have a representative sample of households in your community.

I understand your reluctance to share this kind of information, but let me assure you that it is completely confidential. It's important for us to collect this type of information so we can be sure we have a representative sample of households in your community. Your answers will be combined with others like yourself and will remain anonymous. Which of the following income categories best represents your household?

from $0 to $4,999 .................................................. 1
from $5,000 to $14,999 ........................................ 2
from $15,000 to $24,999 ........................................ 3
from $25,000 to $44,999 ........................................ 4
from $45,000 to $74,999 ........................................ 5
$75,000 or more.................................................... 6
DK/RF ..................................................................... 9

I just have a few more questions about your household. First, which of the following pieces of equipment or services are used in your home, including a home office?

NONE OF THESE .................................................. 0 X

A portable cellular telephone ............................. 1
A fax machine ..................................................... 2
A desktop or laptop computer ......................... 3
Web TV .............................................................. 4
Answering Machine/Voice Mail .................... 5
Caller ID ........................................................... 6
Call Blocking ..................................................... 7
Internet Service ................................................. 8
RF ........................................................................ 9 X

I'm going to read a series of broad income ranges. Stop me when I read the range in which your household income falls. Your household income is the total income made by all household members last year before taxes.

from $0 to $4,999 .................................................. 1
from $5,000 to $14,999 ........................................ 2
from $15,000 to $24,999 ........................................ 3
from $25,000 to $44,999 ........................................ 4
from $45,000 to $74,999 ........................................ 5
$75,000 or more.................................................... 6
DK/RF ..................................................................... 9
166: PHLNS
min = 1  max = 1  l = 2
How many telephone lines do you have?
ONE................................................................. 01
TWO............................................................... 02
THREE............................................................ 03
FOUR............................................................. 04
FIVE.............................................................. 05
SIX ............................................................... 06
SEVEN........................................................... 07
EIGHT............................................................ 08
DK ............................................................... 98
RF ............................................................... 99

167: DEDIC
min = 1  max = 1  l = 2
How many of those*PHLNS* telephone lines are only used for a fax or modem?

<table>
<thead>
<tr>
<th>PHLNS</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZERO</td>
<td>00</td>
</tr>
<tr>
<td>ONE</td>
<td>01</td>
</tr>
<tr>
<td>TWO</td>
<td>02</td>
</tr>
<tr>
<td>THREE</td>
<td>03</td>
</tr>
<tr>
<td>FOUR</td>
<td>04</td>
</tr>
<tr>
<td>FIVE</td>
<td>05</td>
</tr>
<tr>
<td>SIX</td>
<td>06</td>
</tr>
<tr>
<td>SEVEN</td>
<td>07</td>
</tr>
<tr>
<td>EIGHT</td>
<td>08</td>
</tr>
<tr>
<td>DK</td>
<td>98</td>
</tr>
<tr>
<td>RF</td>
<td>99</td>
</tr>
</tbody>
</table>

168: SHRE2
min = 1  max = 1  l = 2

169: NOPHN
min = 1  max = 1  l = 1
How many other households share a phone line with your household?
ZERO........................................................................ 00
ONE.......................................................................... 01
TWO.......................................................................... 02
THREE...................................................................... 03
FOUR........................................................................ 04
FIVE........................................................................ 05
SIX ........................................................................ 06
SEVEN..................................................................... 07
EIGHT..................................................................... 08
DK.......................................................................... 98
RF.......................................................................... 99

170: LENGT
min = 1  max = 1  l = 1
Have there been times within the past 12 months when the home you were living in did not have telephone service?
YES ........................................................................ 1
NO ......................................................................... 2
DK.......................................................................... 8
RF.......................................................................... 9

171: ASSN
min = 1  max = 1  l = 3
How long were you without phone service? Was it . . .

<table>
<thead>
<tr>
<th>Length</th>
<th>Count</th>
</tr>
</thead>
</table>
| Less than 1 month ........................................ 1
| 1 month to less than 1 year .......................... 2
| 1 year or longer ........................................ 3
| DK.................................................................... 8
| RF.................................................................... 9

172: ASSN
min = 1  max = 1  l = 3
How many of those*PHLNS* telephone lines are only used for a fax or modem?
Thank you for completing Part One of the survey. In Part Two, your household will use travel logs to write down where they go for an entire 1-day period. I will mail you personalized travel logs and a letter that will provide more information about the study.

Only those age five and older need to track their travel. The package I send you will contain instructions and more information about the survey. Are there any questions about the logs that I can answer now? Okay. Your household should keep track of their travel on READ DATE. Is this okay?

Tuesday, 9/3 747 N
Wednesday, 9/4 748 N
Thursday, 9/5 749 N
Friday, 9/6 750 N
Monday, 9/9 753 N
Tuesday, 9/10 754 N

Recruitment Questionnaire 16
**PHYSICAL ADDRESS. NO P.O. BOXES ALLOWED**

**HOME CITY**
- AKRON .................................................. 01
- ALDEN ............................................... 02
- AMHERST .......................................... 03
- ANGOLA ............................................. 04
- ATHOL SPRINGS .................................. 05
- BLASDELL .......................................... 06
- BOSTON ............................................. 07
- BOWMANSVILLE ................................. 08
- BRANT .............................................. 09
- BUFFALO ........................................... 10
- CHAFFEE .......................................... 11
- CHEEKTOWAGA ................................. 12
- CLARENCE ........................................ 13
- CLARENCE CENTER ............................ 14
- COLGEN ............................................ 15
- COLLINS .......................................... 16
- COLLINS CENTER ............................... 17
- CRITTENDEN ...................................... 18
- DEPEW ............................................ 19
- DERBY ............................................. 20
- EAST AMHERST ................................. 21
- EAST AURORA ................................. 22
- EAST CONCORD ............................... 23
- EDEN .............................................. 24
- EGGERTSVILLE .................................. 25
- ELMA ............................................... 26
- FARNHAM ........................................ 27
- GETZVILLE ........................................ 28
- GLENWOOD ....................................... 29
- GRAND ISLAND ................................. 30
- HAMBURG ......................................... 31
- HELMUTH ......................................... 32
- HILER ................................................ 33
- HOLLAND ......................................... 34
- JINGO ............................................. 35
- KENMORE ........................................ 36
- LACKAWANNA ................................... 37
- LAKE VIEW ....................................... 38
- LAKEVIEW ........................................ 39

**HOME ADDRESS**

**HADDR**

min = 1 max = 1 l = 30

écran [modele 0] -> HZIP1

**PHYSICAL ADDRESS. NO P.O. BOXES ALLOWED**

HOME ADDRESS

**HSUIT**

min = 0 max = 1 l = 8

**PHYSICAL ADDRESS. NO P.O. BOXES ALLOWED**

HOME APARTMENT/SUITE

**HXSTR**

min = 1 max = 1 l = 30

**PHYSICAL ADDRESS. NO P.O. BOXES ALLOWED**

HOME CROSS STREET

**HCITX**

min = 1 max = 1 l = 2
Recruitment Questionnaire

LANCASTER ................................................. 40
LAWTONS .................................................... 41
MARILLA ...................................................... 42
MARINE MIDLAND ....................................... 43
NEWSTEAD .................................................. 44
NORTH BOSTON ........................................... 45
NORTH COLLINS ......................................... 46
NORTH EVANS ............................................. 47
ORCHARD PARK .......................................... 48
SARDINIA .................................................... 49
SCOREBALL ............................................... 50
SLOAN ........................................................ 51
SNYDER ...................................................... 52
SOUTH CHEektOWAGA ................................. 53
SOUTH WALES ............................................ 54
SPRING BROOK ........................................... 55
SPRINGBROOK ............................................ 56
SPRINGVILLE ............................................. 57
SWORMVILLE ............................................. 58
TONAWANDA ............................................. 59
WALES CENTER ......................................... 60
WEST AMHERST ......................................... 61
WEST FALLS ............................................. 62
WEST SENeca ............................................ 63
WILLIAMsvILLE ......................................... 64
APPLETON ............................................... 65
BARKER ..................................................... 66
BURT ........................................................ 67
GASPORT ................................................... 68
LEWISTON ............................................... 69
LOCKPORT ............................................... 70
MIDDLEPORT ............................................. 71
MODEL CITY .............................................. 72
NEWFANE .................................................. 73
NIAGARA FALLS ........................................ 74
NORTH FALLS ........................................... 75
NORTH TONAWANDA ................................... 76
OLCOTT .................................................... 77
PENDLETON ............................................... 78
RANSOMVILLE .......................................... 79
SANBORN .................................................... 80
STELLA NIAGARA ....................................... 81
WHEATFIELD ............................................ 82
WILSON ..................................................... 83
YOUNGSTOWN .......................................... 84
OTHER, SPECIFY ........................................ 97
DK/RF ...................................................... 99

180:  
min = 1 max = 1 l = 1
MOVE CITY CODE TO TEXT

   => *
   si MST(HCITY,HZIP1)

181:  
min = 1 max = 1 l = 35
COMPUTED CITY

   => #1
   si #0

182:  
min = 1 max = 1 l = 5
**PHYSICAL ADDRESS, NO P.O. BOXES ALLOWED**
HOME ZIP CODE
DK/RF ..................................................... 99999

183:  
min = 1 max = 1 l = 1
CHECK ADDRESS FIELDS FOR BLANKS

   => *
   si IF(HADDR=0 OR HCITY=0 OR HZIP1=0),1,2
   **PART OF THE ADDRESS INFO IS BLANK (ADDRESS, CITY, CROSS STREET). TRY AGAIN.***
   => *
   si IF(DK/RF=0),1,2

184:  
min = 1 max = 1 l = 1
SKIP BACK TO YADD IF ANYTHING IS BLANK

   => VHADD
   sinon => +1
   si CKADD=1

185:  
min = 1 max = 1 l = 1
You said that your home address is...  Address:<HADDR>  Apt/Ste:<HZIP1>  
City:<HCITY>  Zip Code:<HZIP1>  XStrt:<HXSTR>  Is this correct? IF NO, YOU 
WILL GO BACK TO TRY AGAIN.
YES........................................................ 1
NO.......................................................... 2  => HADDR
Who is the best person in your household to address the package? FIRST NAME
DO NOT LEAVE THIS BLANK. WE MUST** HAVE A NAME HERE.

Who is the best person in your household to address the package? LAST NAME
DO NOT LEAVE THIS BLANK. WE MUST** HAVE A NAME HERE.

Does RESPFL have an email address? IF YES, RECORD RESPONSE

Is your mailing address?

écran [modèle 0] -> MSTAT MAILING ADDRESS

MAILING CITY

MADDR

MCITX
Recruitment Questionnaire

LANCASTER................................. 40
LAWTONS........................................ 41
MARILLA.......................................... 42
MARINE MIDLAND........................... 43
NEWSTEAD...................................... 44
NORTH BOSTON.............................. 45
NORTH COLLINS............................. 46
NORTH EVANS............................... 47
ORCHARD PARK............................. 48
SARDINIA....................................... 49
SCOREBALL..................................... 50
SLOAN........................................... 51
SNYDER........................................ 52
SOUTH CHEEKTOGAGA...................... 53
SOUTH WALES............................... 54
SPRING BROOK............................... 55
SPRINGBROOK............................... 56
SPRINGVILLE............................... 57
SWORMVILLE............................... 58
TONAWANDA............................... 59
WALES CENTER............................. 60
WEST AMHERST............................. 61
WEST FALLS................................. 62
WEST SENeca................................. 63
WILLIAMSVILLE............................ 64
APPLETON................................. 65
BARKER........................................ 66
BURT........................................... 67
GASPORT...................................... 68
LEWISTON..................................... 69
LOCKPORT..................................... 70
MIDDLEPORT............................... 71
MODEL CITY................................. 72
NEWFANE..................................... 73
NIAGARA FALLS............................ 74
NORTH FALLS............................... 75
NORTH TONAWANDA....................... 76
OLCOTT....................................... 77
PENDLETON................................. 78
RANSOMVILLE.............................. 79
SANBORN...................................... 80
STELLA NIAGARA......................... 81
WHEATFIELD............................... 82
WILSON..................................... 83
YOUNGSTOWN.............................. 84
OTHER, SPECIFY.......................... 97
DK/RF......................................... 99

192: MZIP1
min = 1 max = 1 l = 5
MAILING ZIP CODE
DK/RF......................................... 99999

193: MSTAT
min = 1 max = 1
PRESS ENTER FOR NEW YORK
STATE
NEW YORK....................................... NY D

194: MCITY
min = 1 max = 1 l = 35
COMPUTED CITY

195: MMCIT
min = 1 max = 1 l = 1
MOVE CITY CODE TO TEXT

196: VPHON
min = 1 max = 1 l = 1
And I’d like to confirm that I reached you at<PHONE>. Is this correct?
YES............................................. 1 D => /INT04
NO............................................. 2

197: TEL01
min = 1 max = 1 l = 12
What phone number did I reach you at?
FORMAT: ####-####-

198: INT04
min = 1 max = 1 l = 2
PRESS ENTER TO CONTINUE
Although you are not qualified to continue with our survey today, we appreciate your time. Thank you and goodbye.

=> +1
si NOT HCNTY=99999
NOT QUALIFIED................................ NO D => /END
Recruitment Questionnaire

209:   CKALL

min = 1 max = 1 l = 1
Interviewer's Final Household Check The household size is <HHSIZ> and there are <CNTV> people in the Person Roster. Does the household size equal the number of persons in the roster?

1) <NAME1> <GEND1> <AGE1>
2) <NAME2> <GEND2> <AGE2>
3) <NAME3> <GEND3> <AGE3>
4) <NAME4> <GEND4> <AGE4>
5) <NAME5> <GEND5> <AGE5>
6) <NAME6> <GEND6> <AGE6>
7) <NAME7> <GEND7> <AGE7>
8) <NAME8> <GEND8> <AGE8>

Do you have information for every person? There are <HVHEI-> vehicles in the household and there are <CNTV-> vehicles in the Vehicle Roster. Does the number of vehicles match the number of cars in the roster?

1) <YEAR1><MAKE1><MODL1>
2) <YEAR2><MAKE2><MODL2>
3) <YEAR3><MAKE3><MODL3>
4) <YEAR4><MAKE4><MODL4>
5) <YEAR5><MAKE5><MODL5>
6) <YEAR6><MAKE6><MODL6>
7) <YEAR7><MAKE7><MODL7>
8) <YEAR8><MAKE8><MODL8>

Do you have information for every vehicle? If you said "no" to any of these questions, back up and fix it now!! This is your last chance to correct your data while you still have the respondent on the phone. Is everything about this household correct? Did you verify it all with the respondent?

YES ........................................................................ 1
NO ....................................................................... 2

206:   THANK

min = 1 max = 1 l = 1
PRESS ENTER TO CONTINUE
Thank you for helping us. We'll call you on the day before your travel day to make sure you received your diaries and to answer any questions you might have. Have a nice evening/day. Goodbye.

 <-- ASSN
si ASSN=0

END OF SURVEY ................................................. 1 D => /INT99

201:   INT99

min = 1 max = 1 l = 2
COMPLETEED SURVEY
COMPLETE ................................................. CM D => /END

202:   INT

min = 1 max = 1 l = 2
Enter Final Disposition.
Continue ......................................................... OK N => /END
No Answer ..................................................... NA N => /END
Busy .................................................................. BZ N => /END
Answering Machine ....................................... AM N => /END
Disconnected ............................................. DC N => /END
Computer/Fax Machine .................................. FX N => /END
Business/Government ................................... BG N => /END
1st Refusal ............................................... RI N => /END
Refused ...................................................... RF N => /END
Deaf/Language Barrier .................................. LB N => /END
Complete .................................................... CM CD => END
Call Back ................................................... CB N => /CB
Partial Complete ........................................ PC N => /CB
Over Quota .................................................. OQ N => /END
Not Qualified ............................................. NQ N => /END

203:   NAME1

min = 1 max = 1 l = 20
PERSON 1

<-> /1
si 1=0

204:   GEND1

min = 1 max = 1 l = 1
PERSON 1

<-> /1
si 1=0

MALE ................................................................ 1
FEMALE ............................................................ 2
DK/RF ................................................................ 9

205:   AGE1

min = 1 max = 1 l = 3
PERSON 1

<-> /1
si 1=0

105 years old or older ........................................ 105
DK/RF ................................................................ 999

206:   NAME2

min = 1 max = 1 l = 20
PERSON 2

<-> /1
si 1=0

207:   GEND2

min = 1 max = 1 l = 1
PERSON 2

<-> /1
si 1=0

MALE ................................................................ 1
FEMALE ............................................................ 2
DK/RF ................................................................ 9

208:   AGE2

min = 1 max = 1 l = 3
PERSON 2

<-> /1
si 1=0

105 years old or older ........................................ 105
DK/RF ................................................................ 999

209:   NAME3

min = 1 max = 1 l = 20
PERSON 3

<-> /1
si 1=0
### Recruitment Questionnaire

<table>
<thead>
<tr>
<th>Question</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERSON 3</td>
<td>GEND3</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PERSON 4</td>
<td>GEND4</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PERSON 5</td>
<td>GEND5</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PERSON 6</td>
<td>GEND6</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PERSON 7</td>
<td>GEND7</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

#### PERSON 3

- **GEND3**: Gender
  - MALE: 1
  - FEMALE: 2
  - DK/RF: 9

#### PERSON 4

- **NAME4**: Name

#### PERSON 5

- **AGE5**: Age
  - 105 years old or older: 105
  - DK/RF: 999

#### PERSON 6

- **NAME6**: Name

#### PERSON 7

- **NAME7**: Name

#### PERSON 8

- **NAME8**: Name

#### PERSON 9

- **NAME9**: Name

#### PERSON 10

- **NAME10**: Name
Recruitment Questionnaire

223: AGE7
min = 1 max = 1 l = 3
PERSON 7
<=> /+1
si 1=0

105 years old or older ......................................... 105
DK/RF ............................................................ 999

224: NAME8
min = 1 max = 1 l = 20
PERSON 8
<=> /+1
si 1=0

225: GEND8
min = 1 max = 1 l = 1
PERSON 8
<=> /+1
si 1=0

MALE..................................................................... 1
FEMALE ................................................................... 2
DK/RF .................................................................... 9

226: AGE8
min = 1 max = 1 l = 3
PERSON 8
<=> /+1
si 1=0

105 years old or older ......................................... 105
DK/RF ............................................................ 999

227: YEAR1
min = 1 max = 1 l = 4
VEHICLE 1
<=> /+1
si 1=0

DK ................................................................. 8888
RF ............................................................... 9999

228: MAKE1
min = 1 max = 1 l = 20
VEHICLE 1
<=> /+1
si 1=0

229: MODL1
min = 1 max = 1 l = 20
VEHICLE 1
<=> /+1
si 1=0

230: YEAR2
min = 1 max = 1 l = 4

231: MAKE2
min = 1 max = 1 l = 20
VEHICLE 2
<=> /+1
si 1=0

DK ................................................................. 8888
RF ............................................................... 9999

232: MODL2
min = 1 max = 1 l = 20
VEHICLE 2
<=> /+1
si 1=0

233: YEAR3
min = 1 max = 1 l = 4
VEHICLE 3
<=> /+1
si 1=0

DK ................................................................. 8888
RF ............................................................... 9999

234: MAKE3
min = 1 max = 1 l = 20
VEHICLE 3
<=> /+1
si 1=0

235: MODL3
min = 1 max = 1 l = 20
VEHICLE 3
<=> /+1
si 1=0

236: YEAR4
min = 1 max = 1 l = 4
VEHICLE 4
<=> /+1
si 1=0

237: MAKE4
min = 1 max = 1 l = 20
VEHICLE 4
<=> /+1
si 1=0
What is the model?

```plaintext
=> +1
si NOT MAKE=01
```

- CI ................................................. 01
- INTEGRA ..................................... 02
- MDX ......................................... 03
- NSX ......................................... 04
- RL ............................................. 05
- RSX ......................................... 06
- TL ............................................. 07
- TYPE S ....................................... 08
- RECORD RESPONSE ..................... 97 O
- DK/RF ........................................ 99
Recruitment Questionnaire

252: MOD2

min = 1 max = 1 l = 2

What is the model?

>>> +1

si NOT MAKE=02

A4.................................................................01
A4 AVANT QUATTRO......................................02
A4 QUATTRO ................................................03
A6...............................................................04
A8...............................................................05
ALLROAD QUATTRO ......................................06
TT ...............................................................07
RECORD RESPONSE ..................................97 O
DK/RF .....................................................99

253: MOD3

min = 1 max = 1 l = 2

What is the model?

>>> +1

si NOT MAKE=03

318i............................................................01
325xi..........................................................02
328i............................................................03
525i.............................................................04
540i............................................................05
740i............................................................06
M COUPE ...................................................07
M3 ..............................................................08
M5 ..............................................................09
X5 ..............................................................10
Z3 ..............................................................11
RECORD RESPONSE ..................................97 O
DK/RF .....................................................99

254: MOD4

min = 1 max = 1 l = 2

What is the model?

>>> +1

si NOT MAKE=04

CENTURY ..................................................01
LESABRE ..................................................02
PARK AVENUE ..........................................03
REGAL ......................................................04
RENOVOUS ...............................................05
RIVIERA ...................................................06
ROADMASTER ...........................................07
RECORD RESPONSE ..................................97 O
DK/RF .....................................................99

255: MOD5

min = 1 max = 1 l = 2

What is the model?

>>> +1

si NOT MAKE=05

CATERA ...................................................01
CTS ..........................................................02
DEVILLE ....................................................03
ELDORADO ................................................04
ESCALADE ...............................................05
SEVILLE ....................................................06
RECORD RESPONSE ..................................97 O
DK/RF .....................................................99
256: MOD6

min = 1 max = 1 l = 2

What is the model?

>>> +1

- si NOT MAKE=06
  - 1500 PICK UP................................................................01
  - ASTRO..........................................................................02
  - AVALANCHE ..................................................................03
  - BLAZER..........................................................................04
  - CAMARO .........................................................................05
  - CAPRICE .........................................................................06
  - CAVALIER ........................................................................07
  - CORSICA ..........................................................................08
  - CORVETTE ........................................................................09
  - EXPRESS ..........................................................................10
  - IMPALA ...........................................................................11
  - LUMINA ...........................................................................12
  - MALIBU ...........................................................................13
  - METRO .............................................................................14
  - MONTE CARLO ................................................................15
  - PRIZM .............................................................................16
  - S-10 BLAZER ....................................................................17
  - S-10 PICK UP ....................................................................18
  - SILVERADO .......................................................................19
  - SPORT VAN .......................................................................20
  - SSR ................................................................................21
  - SUBURBAN .......................................................................22
  - TAHOE .............................................................................23
  - TRACKER ...........................................................................24
  - TRAIL BLAZER ...................................................................25
  - VENTURE ...........................................................................26
  - RECORD RESPONSE....................................................97 O
  - DR/RF ..............................................................................99

258: MOD7

min = 1 max = 1 l = 2

What is the model?

>>> +1

- si NOT MAKE=08
  - CARAVAN ........................................................................01
  - DAKOTA ............................................................................02
  - DURANGO .........................................................................03
  - INTREPID.........................................................................04
  - NEON ...............................................................................05
  - RAM PICK UP .....................................................................06
  - RAM VAN ..........................................................................07
  - STRATUS ..........................................................................08
  - VIPER ...............................................................................09
  - RECORD RESPONSE ....................................................97 O
  - DR/RF ..............................................................................99

257: MOD7

min = 1 max = 1 l = 2

What is the model?

>>> +1

- si NOT MAKE=06
  - 1500 PICK UP................................................................01
  - ASTRO..........................................................................02
  - AVALANCHE ..................................................................03
  - BLAZER..........................................................................04
  - CAMARO .........................................................................05
  - CAPRICE .........................................................................06
  - CAVALIER ........................................................................07
  - CORSICA ..........................................................................08
  - CORVETTE ........................................................................09
  - EXPRESS ..........................................................................10
  - IMPALA ...........................................................................11
  - LUMINA ...........................................................................12
  - MALIBU ...........................................................................13
  - METRO .............................................................................14
  - MONTE CARLO ................................................................15
  - PRIZM .............................................................................16
  - S-10 BLAZER ....................................................................17
  - S-10 PICK UP ....................................................................18
  - SILVERADO .......................................................................19
  - SPORT VAN .......................................................................20
  - SSR ................................................................................21
  - SUBURBAN .......................................................................22
  - TAHOE .............................................................................23
  - TRACKER ...........................................................................24
  - TRAIL BLAZER ...................................................................25
  - VENTURE ...........................................................................26
  - RECORD RESPONSE....................................................97 O
  - DR/RF ..............................................................................99
### Recruitment Questionnaire

#### MOD9

<table>
<thead>
<tr>
<th>VEHNO</th>
<th>Model</th>
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<tbody>
<tr>
<td>260:</td>
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<tr>
<td>259:</td>
<td>MOD9</td>
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<table>
<thead>
<tr>
<th>VEHNO</th>
<th>Model</th>
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<tbody>
<tr>
<td>261:</td>
<td>MOD11</td>
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#### MOD13

<table>
<thead>
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<th>VEHNO</th>
<th>Model</th>
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<tr>
<td>262:</td>
<td>MOD13</td>
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#### MOD10

<table>
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<th>VEHNO</th>
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<tbody>
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<td>260:</td>
<td>MOD10</td>
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</table>

#### MOD11

<table>
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<th>VEHNO</th>
<th>Model</th>
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#### MOD13

<table>
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<th>VEHNO</th>
<th>Model</th>
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<tbody>
<tr>
<td>262:</td>
<td>MOD13</td>
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</tbody>
</table>

---

**What is the model?**

```
<< +1
si NOT MAKE=09
COBRA COUPE .......................................................... 01
CROWN VICTORIA ...................................................... 02
ECONOLINE ............................................................. 03
ESCAPE ...................................................................... 04
EXCURSION ............................................................... 05
EXPEDITION .............................................................. 06
EXPLORER ................................................................. 07
EXPLORER SPORT .......................................................... 08
F-150 ................................................................. 09
F-250 ................................................................. 10
F-350 ................................................................. 11
FOCUS ....................................................................... 12
FOCUS SE WAGON ..................................................... 13
MUSTANG .................................................................... 14
RANGER ..................................................................... 15
SVT F-150 LIGHTENING ............................................ 16
SVT MUSTANG .......................................................... 17
SVT MUSTANG COBRA ............................................... 18
TAURUS ...................................................................... 19
TAURUS WAGON .......................................................... 20
THUNDERBIRD .......................................................... 21
WINDSTAR .................................................................... 22
ZX2 ........................................................................... 23
RECORD RESPONSE .................................................... 97 O
DK/RF ........................................................................ 99
```

---

**What is the model?**

```
<< +1
si NOT MAKE=11
ENVOY ........................................................................ 01
JIMMY ....................................................................... 02
SAFARI ....................................................................... 03
SAVANA ..................................................................... 04
SIERRA ...................................................................... 05
SONOMA ..................................................................... 06
YUKON/YUKON XL ................................................. 07
YUKON DENALI ......................................................... 08
RECORD RESPONSE .................................................... 97 O
DK/RF ........................................................................ 99
```

---

**What is the model?**

```
<< +1
si NOT MAKE=13
ACCORD ..................................................................... 01
CIVIC ....................................................................... 02
CR-V ........................................................................ 03
INSIGHT ..................................................................... 04
ODYSSEY .................................................................... 05
PASSPORT ............................................................... 06
PRELUDE ............................................................... 07
S2000 ...................................................................... 08
RECORD RESPONSE .................................................... 97 O
DK/RF ........................................................................ 99
```

---

**What is the model?**

```
<< +1
si NOT MAKE=10
METRO ....................................................................... 01
PRISM ....................................................................... 02
STORM ....................................................................... 03
RECORD RESPONSE .................................................... 97 O
DK/RF ........................................................................ 99
```
Recruitment Questionnaire

263: MOD14

min = 1 max = 1 l = 2

What is the model?

>> +1

si NOT MAKE=14

ACCENT ................................................. 01
ATOS ...................................................... 02
CENTENNIAL ........................................... 03
COUPE .................................................... 04
ELANTRA .................................................. 05
GALLOPER .............................................. 06
H-1 ......................................................... 07
MATRIX .................................................. 08
SANTA FE ............................................... 09
SONATA .................................................. 10
TERRACAN ............................................. 11
TRAJET .................................................. 12
XG .......................................................... 13
RECORD RESPONSE ................................. 97 0
DK/RF .................................................... 99

264: MOD15

min = 1 max = 1 l = 2

What is the model?

>> +1

si NOT MAKE=14

AXIOM ..................................................... 01
RODEO .................................................... 02
RODEO SPORT .......................................... 03
TROOPER ............................................... 04
RECORD RESPONSE ................................. 97 0
DK/RF .................................................... 99

265: MOD16

min = 1 max = 1 l = 2

What is the model?

>> +1

si NOT MAKE=14

Q45 ........................................................ 01
135 ......................................................... 02
G20 ......................................................... 03
QX4 ........................................................ 04
RECORD RESPONSE ................................. 97 0
DK/RF .................................................... 99

266: MOD17

min = 1 max = 1 l = 2

What is the model?

>> +1

si NOT MAKE=17

AXIOM ..................................................... 01
RODEO .................................................... 02
RODEO SPORT .......................................... 03
RECORD RESPONSE ................................. 97 0
DK/RF .................................................... 99

267: MOD18

min = 1 max = 1 l = 2

What is the model?

>> +1

si NOT MAKE=18

AXIOM ..................................................... 01
RODEO .................................................... 02
RODEO SPORT .......................................... 03
RECORD RESPONSE ................................. 97 0
DK/RF .................................................... 99
268: MOD19

min = 1 max = 1 l = 2

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si NOT MAKE=19

ATV……………………………………………….01
MOTORCYCLE…………………………………….02
UTILITY VEHICLE……………………………….03
WATER CRAFT…………………………………….04
RECORD RESPONSE ……………………………..97 O
DK/RF …………………………………………….99

269: MOD21

min = 1 max = 1 l = 2

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si NOT MAKE=21

ES ………………………………………………….01
GS ………………………………………………….02
IS ………………………………………………….03
LS ………………………………………………….04
LX ………………………………………………….05
RX ………………………………………………….06
SC ………………………………………………….07
RECORD RESPONSE ……………………………..97 O
DK/RF …………………………………………….99

270: MOD22

min = 1 max = 1 l = 2

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</tbody>
</table>

si NOT MAKE=22

BLACKWOOD ……………………………………….01
CONTINENTAL ……………………………………02
LS ………………………………………………….03
NAVIGATOR ……………………………………….04
TOWN CAR ………………………………………….05
RECORD RESPONSE ……………………………..97 O
DK/RF …………………………………………….99

271: MOD23

min = 1 max = 1 l = 2

What is the model?

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</tbody>
</table>

si NOT MAKE=23

323……………………………………………01
626……………………………………………02
929……………………………………………03
MIATA………………………………………….04
MILLENIA………………………………………05
MPV …………………………………………….06
PICK UP………………………………………07
PROTEGE ……………………………………….08
PROTEGE 5………………………………………09
TRIBUTE ……………………………………….10
RECORD RESPONSE ……………………………97 O
DK/RF …………………………………………….99

272: MOD24

min = 1 max = 1 l = 2

What is the model?

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si NOT MAKE=24

COUGAR …………………………………………01
GRAND MARQUIS ………………………………02
MOUNTAINEER …………………………………03
SABLE …………………………………………04
VILLAGER ………………………………………05
RECORD RESPONSE ……………………………97 O
DK/RF …………………………………………….99
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<td>01</td>
</tr>
<tr>
<td>ASPIRE SEDAN</td>
<td>02</td>
</tr>
<tr>
<td>CEDIA WAGON</td>
<td>03</td>
</tr>
<tr>
<td>DELICA SPACE GEAR MINIVAN</td>
<td>04</td>
</tr>
<tr>
<td>DIAMANTE SEDAN</td>
<td>05</td>
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<tr>
<td>DIAMANTE WAGON</td>
<td>06</td>
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<td>DION MINIVAN</td>
<td>07</td>
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<td>ECLIPSE</td>
<td>08</td>
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<td>GRANDIS MINIVAN</td>
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<td>MINICA MINI-HATCHBACK</td>
<td>13</td>
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<td>MIRAGE DINGO MINIVAN</td>
<td>14</td>
</tr>
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<td>PAJERO</td>
<td>15</td>
</tr>
<tr>
<td>RVR MINIVAN</td>
<td>16</td>
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<tr>
<td>RECORD RESPONSE</td>
<td>97 O</td>
</tr>
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What is the model?

What is the model?

What is the model?
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<td>COUPE</td>
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<tr>
<td>✗</td>
<td>✗</td>
<td>SEDAN, L SERIES, S SERIES</td>
<td>02</td>
</tr>
<tr>
<td>✗</td>
<td>✗</td>
<td>VUE</td>
<td>03</td>
</tr>
<tr>
<td>✗</td>
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<td>04</td>
</tr>
<tr>
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<td>RECORD RESPONSE</td>
<td>97 O</td>
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<td>SEDAN, L SERIES, S SERIES</td>
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<td>VUE</td>
<td>03</td>
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<td>04</td>
</tr>
<tr>
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<td>✗</td>
<td>RECORD RESPONSE</td>
<td>97 O</td>
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<td>RECORD RESPONSE</td>
<td>97 O</td>
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<td>SEDAN, L SERIES, S SERIES</td>
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<td>97 O</td>
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<td>✗</td>
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<td>✗</td>
<td>VUE</td>
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<td>✗</td>
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<td>✗</td>
<td>RECORD RESPONSE</td>
<td>97 O</td>
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<td>✗</td>
<td>✗</td>
<td>SEDAN, L SERIES, S SERIES</td>
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<tr>
<td>✗</td>
<td>✗</td>
<td>VUE</td>
<td>03</td>
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<td>✗</td>
<td>WAGON</td>
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</tr>
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<td>✗</td>
<td>RECORD RESPONSE</td>
<td>97 O</td>
</tr>
<tr>
<td>✗</td>
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<td>SEDAN, L SERIES, S SERIES</td>
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### Recruitment Questionnaire

#### MOD37

**What is the model?**

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<tr>
<td>EUROVAN</td>
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<td>GOLF</td>
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<tr>
<td>GTI</td>
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<tr>
<td>JETTA</td>
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</tr>
<tr>
<td>BEETLE</td>
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<tr>
<td>PASSAT</td>
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</tr>
<tr>
<td>RECORD RESPONSE</td>
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</tr>
<tr>
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#### MOD38

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<tr>
<td>960</td>
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<tr>
<td>C70 CONVERTIBLE</td>
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<td>C70 COUPE</td>
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<tr>
<td>CROSS COUNTRY</td>
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<td>S40</td>
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<td>S60</td>
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<td>S80</td>
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<td>V40</td>
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<td>V70</td>
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<td>XC</td>
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<td>97 O</td>
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#### MOD39

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<tr>
<td>AVALON</td>
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<tr>
<td>CAMRY</td>
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</tr>
<tr>
<td>CELICA</td>
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<td>COROLLA</td>
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<td>ECHO</td>
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</tr>
<tr>
<td>HIGHLANDER</td>
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</tr>
<tr>
<td>LAND CRUISER</td>
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</tr>
<tr>
<td>MR2 SPYDER</td>
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</tr>
<tr>
<td>PASEO CONVERTIBLE</td>
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<td>PRERUNNER</td>
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</table>
Recruitment Questionnaire

285: MOD40
min = 1 max = 1 l = 2
<VEHNO >
What is the model?

=> +1
si NOT MAKE=40

ATV.................................01
GOLF CAR..........................02
MOTORCYCLE..........................03
RACE KART ENGINE................04
SNOWMOBILE..........................05
SPORT BOAT..........................06
WAVE RUNNER...........................07

RECORD RESPONSE ....................97 O
DK/RF ...........................................99

286: MOD41
min = 1 max = 1 l = 2
<VEHNO >
What is the model?

=> +1
si NOT MAKE=41

KORANDO.................................01
LANOS........................................02
LEGANZA ..................................03
MATIZ.................................04
MUSSO .....................................05
NUBIRA.................................06
TACUMA.....................................07

RECORD RESPONSE ....................97 O
DK/RF ...........................................99

287: OMODL
min = 1 max = 1 l = 2
<VEHNO >
What is the model?

=> +1
si NOT MAKE=12,20,25,29,32,97

RECORD RESPONSE ....................01 DO
DK/RF ...........................................99

288: SKM1
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK

=> +1
sinon => +2
si NOT MOD1=WR

289: MVM1
min = 1 max = 1 l = 1

MOVE MODEL TEXT

=> *
si MST(MOD1,MDFIN)

290: SKM2
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK

=> +1
sinon => +2
si NOT MOD2=WR

291: MVM2
min = 1 max = 1 l = 1
MOVE MODEL TEXT

=> *
si MST(MOD2,MDFIN)

292: SKM3
min = 1 max = 1 l = 1
MOVE MODEL TEXT

=> *
si MST(MOD3,MDFIN)

293: MVM3
min = 1 max = 1 l = 1
MOVE MODEL TEXT

=> *
si MST(MOD3,MDFIN)

294: SKM4
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK

=> +1
sinon => +2
si NOT MOD4=WR

295: MVD4
min = 1 max = 1 l = 1
MOVE MODEL TEXT

=> *
si MST(MOD4,MDFIN)

296: SKM5
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK

=> +1
sinon => +2
si NOT MOD5=WR

297: MVM5
min = 1 max = 1 l = 1
MOVE MODEL TEXT

=> *
si MST(MOD5,MDFIN)
Recruitment Questionnaire

298:  
min = 1 max = 1 l = 1  
SKM6

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD6=WR

299:  
min = 1 max = 1 l = 1  
MVM6

MOVE MODEL TEXT

=> *

 si MST(MOD6,MDFIN)

300:  
min = 1 max = 1 l = 1  
SKM7

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD7=WR

301:  
min = 1 max = 1 l = 1  
MVM7

MOVE MODEL TEXT

=> *

 si MST(MOD7,MDFIN)

302:  
min = 1 max = 1 l = 1  
SKM8

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD8=WR

303:  
min = 1 max = 1 l = 1  
MVM8

MOVE MODEL TEXT

=> *

 si MST(MOD8,MDFIN)

304:  
min = 1 max = 1 l = 1  
SKM9

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD9=WR

305:  
min = 1 max = 1 l = 1  
MVM9

MOVE MODEL TEXT

=> *

 si MST(MOD9,MDFIN)

306:  
min = 1 max = 1 l = 1  
SKM10

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD10=WR

307:  
min = 1 max = 1 l = 1  
MVM10

MOVE MODEL TEXT

=> *

 si MST(MOD10,MDFIN)

308:  
min = 1 max = 1 l = 1  
SKM11

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD11=WR

309:  
min = 1 max = 1 l = 1  
MVM11

MOVE MODEL TEXT

=> *

 si MST(MOD11,MDFIN)

310:  
min = 1 max = 1 l = 1  
SKM13

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD13=WR

311:  
min = 1 max = 1 l = 1  
MVM13

MOVE MODEL TEXT

=> *

 si MST(MOD13,MDFIN)

312:  
min = 1 max = 1 l = 1  
SKM14

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD14=WR

313:  
min = 1 max = 1 l = 1  
MVM14

MOVE MODEL TEXT

=> *

 si MST(MOD14,MDFIN)

314:  
min = 1 max = 1 l = 1  
SKM15

SKIP IF MODEL IS BLANK

=> +1

 sinon => +2

 si NOT MOD15=WR

315:  
min = 1 max = 1 l = 1  
MVM15

MOVE MODEL TEXT

=> *

 si MST(MOD15,MDFIN)
Recruitment Questionnaire

352: SKM38
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK
=> +1
sinon => +2
si NOT MOD38=WR

353: MVM38
min = 1 max = 1 l = 1
MOVE MODEL TEXT
=> *
si MST(MOD38,MDFIN)

354: SKM39
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK
=> +1
sinon => +2
si NOT MOD39=WR

355: MVM39
min = 1 max = 1 l = 1
MOVE MODEL TEXT
=> *
si MST(MOD39,MDFIN)

356: SKM40
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK
=> +1
sinon => +2
si NOT MOD40=WR

357: MVM40
min = 1 max = 1 l = 1
MOVE MODEL TEXT
=> *
si MST(MOD40,MDFIN)

358: SKM41
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK
=> +1
sinon => +2
si NOT MOD41=WR

359: MVM41
min = 1 max = 1 l = 1
MOVE MODEL TEXT
=> *
si MST(MOD41,MDFIN)

360: SKMOT
min = 1 max = 1 l = 1
SKIP IF MODEL IS BLANK
=> +1
sinon => +2
si NOT OMODL=WR

361: MVMOT
min = 1 max = 1 l = 1
MOVE MODEL TEXT
=> *
si MST(OMODL,MDFIN)

362: MDFIN
min = 1 max = 1 l = 1
FINAL MODEL
=> /+1
si l>0

363: MDCNF
min = 1 max = 1 l = 1
<VEHNO  >
For confirmation, that's a<YEAR><MAKE                         ><MDFIN                     >?
YES ........................................................................ 1
..................................................................................
NO, TRY AGAIN................................................... 2  => MAKE
..................................................................................

364: NOTES
min = 1 max = 1 l = 1
ENTER NOTES FOR SUPERVISOR
YOU WON'T BE ABLE TO READ YOUR NOTE LATER, SO MAKE SURE IT
SAYS WHAT YOU WANT.
ENTER NOTES ..................................................... 1  O
........................................................................

365: F8
min = 1 max = 1 l = 1
procédure 2 -> F8
ENTER NOTES TO INTERVIEWERS
BE CAUTIOUS! ANYONE CAN READ WHAT YOU PUT HERE.
ENTER NOTES ..................................................... 1  O
........................................................................

366: CB
min = 1 max = 1 l = 12
What would be a good day and time to call you back?

367: NAME
min = 1 max = 1 l = 30
Who should I ask for when I call back? ASK FOR FULL NAME
Your household has been selected to participate in the 2002 Regional Transportation Survey.

Visit the survey webpage: www.nustats.com/buffalo

Contact: Michael Skipper, NuStats: (800) 447-8287 ext. 2241, mskipper@nustats.com or,
Timothy Trabold, GBNRTC: (716) 856-2026, ttrabold@gbnrtc.org

We will conduct 3,000 confidential telephone and travel diary interviews to collect information on local travel patterns. The results will be used in future planning to improve:

- Walkways & bike paths
- Public Transit service
- Highway congestion points
- Air pollution from cars & trucks
- Accessibility to employment centers
- Parking resources

It's easy! A surveyor from NuStats WILL CALL YOU soon.

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Your chance to help your community plan for the future!

What? Your household has been selected to participate in the 2002 Regional Transportation Survey.

Who? Sponsored by the Greater Buffalo-Niagara Regional Transportation Council (GBNRTC) and its member agencies including the New York State Department of Transportation (NYS DOT). The survey is being conducted by NuStats, a nationally known research firm.

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Timothy Trabold, GBNRTC: (716) 856-2026, ttrabold@gbnrtc.org
We'll call you soon to participate in this important survey!
March 21, 2003

«FIRSTNAME» «LASTNAME»
«ADDRESS»
«CITY», «STATE» «ZIP»

Dear «FIRSTNAME» «LASTNAME»:

Thank you for agreeing to participate in the 2002 Regional Transportation Survey.

YOUR TRAVEL DAY IS:

«TDAY»

We appreciate your time and help with this very important project. For more information about this survey and a list of frequently asked questions, visit the survey web site at www.nustats.com/buffalo.

If you have any questions or comments, please call NuStats at 1-888-687-8287.

Sincerely,

Jesse Casas
Project Director, NuStats

Enclosure
Travel logs for each household member age 5 years and older
Information Brochure
Why participate?

Everyone needs to get from one place to another, somehow. It also costs taxpayers a lot of money to design, build and maintain a transportation infrastructure. By participating in this survey you will be providing the information necessary to ensure our region is providing ample transportation routes and choices, while spending money wisely. The study will provide the tools necessary to improve regional mobility, and help us to make efficient and effective decisions leading to improved:

- Walkways and bike paths,
- Public transit service,
- Air pollution from cars and trucks,
- Highway congestion points,
- Accessibility to employment centers, and
- Parking resources.

Your household is one of a select few, statistically chosen, to participate in this survey. Therefore, each and every completed survey will be critical to the survey's success. Please note that the information you provide will be combined with that from other residents with similar households like yours for analyses. So, it does not matter how often you travel or whether you drive, ride, or walk - we need you to do your part.

Who are the sponsors?

Greater Buffalo-Niagara Regional Transportation Council (GBNRTC)
with support from
New York State Department of Transportation
New York State Thruway Authority
Niagara Frontier Transportation Authority
County of Erie
City of Buffalo
County of Niagara
City of Niagara Falls

Do you have questions?

For more information please contact:
Jesse Casas of NuStats
800-447-8287, ext. 2226
jcasas@nustats.com

GBNRTC Contact:
Timothy Trabold
716-856-2026
ttrabold@gbnrtc.org

or visit the project webpage at
www.nustats.com/buffalo

Your Participation is Important!

See inside for details on how you can help your community plan for the transportation needs of the 21st Century . . . and be eligible to win one of three pair of roundtrip airline tickets!
The 2002 Regional Transportation Survey is a major component of a large study of travel patterns and transportation needs throughout our region. The study will help us better understand and analyze:

1) HOW people travel,
2) WHERE they travel,
3) WHEN they travel, and
4) WHY they travel.

This is the first survey of its type in over ten years and is necessary to ensure that the region’s transportation blueprint meets the demands of today and tomorrow. Specifically, the survey will provide critical data needed to properly prioritize projects, develop alternative transportation choices and service our future economic needs. Additionally, the information will be used to analyze environmental concerns such as air quality associated with transportation. We are committed to a smart use of taxpayer dollars toward regional growth and your help is needed.

What is the survey about?

**Survey Area**

The 2002 Regional Transportation Survey will begin with a survey of over 3,000 households in 2002. We have contracted with NuStats, a nationally recognized survey research firm. They understand that your time is valuable and have trained its surveyors to be efficient and polite. NuStats uses a well-tested 3-phase survey method.

**Phase 1: Recruitment**

NuStats will conduct telephone interviews with a random sample of households throughout the survey area. On a confidential basis, you will be asked to provide information about your household, such as the number of people in the household, how many vehicles you own or lease, and household location. The telephone surveyor also collects information about each member of your household, such as age, employment status, and work and school information. The analysis of this information ensures that all types of households with a wide range of travel patterns are selected to participate.

**Phase 2: Travel Logs**

The survey requires that travel information from all types of people is collected - no matter how much they travel or what age they are - for an assigned travel day. So NuStats will provide personal travel logs to all members of your household. These logs should be carried on the assigned travel day and used to record travel details. Parents can complete the logs for any children age 12 or younger.

It is important that you record exact locations in your logs. This information helps planners calculate how long it takes to get from one place to another and to figure out solutions for making travel easier for everyone. Therefore, all of the places you went to (such as work, school, gas stations, ATM, a friend’s house, etc.) and how you got there (drive, walk, bike, etc.) should be recorded in detail.

**Phase 3: Information Retrieval**

After your travel day, NuStats will call to collect the log information for each household member. If your information is already recorded in the logs, the interview is quick. NuStats needs to talk directly to each person age 13 and older, so a specific appointment (day and time) is made.

Thank you!

To show our appreciation, your household will be entered into a drawing for one of three pair of airline tickets to anywhere in the contiguous U.S. (up to a $500 value per ticket). The drawing will be held at the conclusion of the survey.

We guarantee that the information you provide will remain confidential.
Thank You for Your Participation!

You are helping your community plan for the transportation needs of the 21st century.

To show our appreciation, your household will be entered into a drawing for one of three pair of Airline Tickets to anywhere in the contiguous U.S. (up to a $500 value per ticket). The drawing will be held at the conclusion of the survey.

If you need help filling out your Travel Log, please call:
1-877-261-4621

For more information about the survey, please call:
Michael Skipper, NuStats
800-447-8287, ext. 2241
mskipper@nustats.com

Timothy Trabold, GBNRTC
716-856-2026
ttrabold@gbnrtc.org

OR

visit the project webpage at www.nustats.com/buffalo

Survey conducted by NuStats on behalf of the
Greater Buffalo-Niagara Regional Transportation Council (GBNRTC)

with support from
New York State Department of Transportation
New York State Thruway Authority
Niagara Frontier Transportation Authority
County of Erie
City of Buffalo
County of Niagara
City of Niagara Falls

Greater Buffalo-Niagara Regional Transportation Council

GREATER BUFFALO-NIAGARA
GBNRTC
REGIONAL TRANSPORTATION COUNCIL

Travel Log Instructions

Record each PLACE you go to and what you did there beginning at 3am (or when you wake up) and ending at 2:59am the following day (or when you go to sleep on your travel day).

Follow the easy to use Example inside!
**LIST 2**

1. Being at home
2. Working at home (job-related)
3. School
4. Job
5. Personal (medical, errands, shopping, etc.)
6. Social/Entertainment (dining out, visiting friends, going to church, etc.)
7. Recreation/Fitness (going to park, jogging, exercising, etc.)
8. Quick Stop (ATM, coffee, gas, etc.)
9. Pick-up or drop-off passenger
10. Parking or Changing Mode of Transportation

**WHY did you go there?**

1. Non-Motorized
   - Walk
   - Bicycle
2. Auto/Van/Truck
   - Driver
   - Passenger
3. Other Modes
   - 5. Metro Bus
   - 6. Metro Rail
   - 7. School Bus
   - 8. Taxi/Shuttle/Limousine
   - 9. Motorcycle
   - 97. Other: (write code and specify)

**HOW did you get there?**

1. Place name:
2. Address:
3. City/State/Zip:
4. Cross street/Landmark:
5. What TIME did you ARRIVE? (record exact times)
6. (use LIST 1 codes)
7. HOW did you get there? (use LIST 2 codes)
8. WHY did you go there?
9. What TIME did you LEAVE? (record exact times)

WHERE were you at 3am on your travel day?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

WHERE did you go next?

Record additional PLACES on the back of the Example Insert. Keep your completed Travel Logs by the phone and we'll call you to collect the information!
1: SAMPN
min = 1 max = 1 l = 7
SAMPLE NUMBER
=> +1
si 1:0

2: REP
min = 1 max = 1 l = 2
REPLICATE
=> +1
si 1:0

3: LISTD
min = 1 max = 1 l = 1
LISTED OR UNLISTED
=> +1
si 1:0
LISTED............................................................. 1
........................................................................
UNLISTED.......................................................... 2
........................................................................

4: STYPE
min = 1 max = 1 l = 1
SAMPLE TYPE
=> +1
si 1:0
BASE...................................................................... 1
........................................................................
GPS....................................................................... 2
........................................................................

5: PHONE
min = 1 max = 1 l = 12
ORIGINAL PHONE NUMBER
=> +1
si 1:0

6: FNAME
min = 1 max = 1 l = 20
RESPONDENT FIRST NAME
=> +1
si 1:0

7: LNAME
min = 1 max = 1 l = 20
RESPONDENT LAST NAME
=> +1
si 1:0

8: HCNTY
min = 1 max = 1 l = 5
HOME COUNTY
=> +1
si 1:0
Erie County..................................................... 36029
........................................................................
Niagara County............................................... 36063
........................................................................

9: OHSIZ
min = 1 max = 1 l = 2

10: RSITE
min = 1 max = 1 l = 1
RECRUITMENT SITE
=> +1
si 1:0
SANM.............................................................. 1
........................................................................
UTEP..................................................................... 2
........................................................................

11: INTRO
min = 1 max = 1 l = 1
Hello, this is _____, calling on behalf of the 2002 Regional Transportation Survey.
May I please speak with<NAME>?    We began an interview concerning your household's travel patterns and I would like to complete that interview now.  IF THERE IS NO NAME HERE, THEN THIS IS NOT A PARTIAL SO RESTART
=> +1
si NOT INT=PC
Continue where I left off................................. 1  => /LASTQ
........................................................................
Restart at the beginning................................. 2  => INT02
........................................................................

12: REMFL
min = 1 max = 1 l = 1
REMINDE CALL FLAG
=> /INT02
si 1
REMINDER CALL NOT MADE........................... 1
........................................................................
REMINDER CALL MADE................................ 2
........................................................................
Hello, my name is _____ and I am calling on behalf of your local government and the 2002 Regional Transportation Survey. May I speak to <FNAME> <LNAME> or someone 18 years of age or older? I was just calling to remind you that your household will be participating in the travel study tomorrow and also to see if you had any questions? Please keep in mind that each member of your household, five years of age or older, must record all their trips on<ASSN>. do not read, select best fit and verify

13:

min = 1 max = 1 l = 2

Hello, my name is _____ and I am calling on behalf of your local government and the 2002 Regional Transportation Survey. May I speak to <FNAME> <LNAME> or someone 18 years of age or older? I was just calling to remind you that your household will be participating in the travel study tomorrow and also to see if you had any questions? Please keep in mind that each member of your household, five years of age or older, must record all their trips on<ASSN>. do not read, select best fit and verify

14:

min = 1 max = 1 l = 1

Did your household receive the travel log packet that we sent to you?
YES .............................................................. 1 D => VDTCN
NO .............................................................. 2
DK/RF .............................................................. 9

15:

min = 1 max = 1 l = 2

HHSIZ: HHSIZ- IF THIS IS A ONE TO THREE PERSON HOUSEHOLD PLEASE ASK THEM TO RECORD TRIPS ON PAPER BEFORE OFFERING TO SEND OUT NEW PACKETS. BE SURE TO EXPLAIN WHAT THIS ENTAILS. HHSIZ LESS THAN OR EQUAL TO 3 AND THEY WILL COLLECT ON PAPER
RC => VDTCN
HHSIZE GREATER THAN 3 OR refuses TO DO IT ON PAPER, RESCHEDULE
RM => VAD

16:

min = 1 max = 1 l = 1

Hello, my name is _____ and I am calling on behalf of the 2002 Regional Transportation Survey regarding the travel survey your household is taking part in on<ASSN>. I was just calling to remind you that tomorrow is the day that each member of your household, five years of age or older, will record their trips in the travel logs we sent. We will call back after your travel day to collect your data. If you have any questions please call 1-888-687-8287 ex. 4055

17:

min = 1 max = 1 l = 1
21: INT02
min = 1 max = 1 l = 2
Hi, my name is _____ and I'm calling on behalf of the 2002 Regional Transportation Survey your household recently completed. May I please speak with someone over the age of 18?

ASSN:<ASSN>
Continue ............................................................. OK D
Reconstruction of Travel Day ................................................ RD
Called Back, But Respondent Not Available............... NR => /CB
Respondent Has Moved (You will try to get new number) NQ
No Answer .......................................................... NA => /END
Busy ..................................................................... BZ => /END
Answering Machine ................................................ AM => /END
Disconnect ........................................................... DC => /END
Computer/Fax Machine ........................................... FX => /END
Business/Government .............................................. BG => /END
Call Back ............................................................. CB => /CB
1st Refusal ............................................................ R1 => /REFUS
Wrong Number (You will try to get new number) WN => /NEWNU
Reschedule, Callback ............................................ RT => /ASSNS
Reschedule, Need to Re-Mail, Callback .................... RM => /VADD
Respondent Will Mail In Diaries ............................... ML => /END

22: SCRPI
min = 1 max = 1 l = 1

PRESS ENTER TO CONTINUE
I'm calling to collect your travel information. First I need to verify that the information we show for your household is correct. I'd like to start by verifying the address where you live.
CONTINUE............................................................. 1 D

23: VADD
min = 1 max = 1 l = 1

**PHYSICAL ADDRESS, NO P.O. BOXES ALLOWED**
Is your address READ ADDRESS TO RESPONDENT, IS IT CORRECT?
ADDRESS:<HADDR > APT/STE:<HSUIT >
CITY:<HCITY> ZIP CODE:<HZIP1> CROSS ST:<HXSTR> IF ADDRESS, CITY, CROSS STREET OR ZIP CODE IS "BLANK", YOU'LL COME BACK HERE
YES ................................................................. 1 D => /CKHAD
NO .................................................................... 2

24: HADDR
min = 1 max = 1 l = 30
écran [modèle 0] -> HZIP1

**PHYSICAL ADDRESS, NO P.O. BOXES ALLOWED**
What is your street address? **REQUIRED FIELD**

25: HSUIT
min = 0 max = 1 l = 8

**PHYSICAL ADDRESS, NO P.O. BOXES ALLOWED**
Is there an apartment or unit number? BLANK IS OK

26: HXSTR
min = 1 max = 1 l = 30
<table>
<thead>
<tr>
<th>City</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akron</td>
<td>01</td>
</tr>
<tr>
<td>Alden</td>
<td>02</td>
</tr>
<tr>
<td>Amherst</td>
<td>03</td>
</tr>
<tr>
<td>Angola</td>
<td>04</td>
</tr>
<tr>
<td>Athol Springs</td>
<td>05</td>
</tr>
<tr>
<td>Blasdell</td>
<td>06</td>
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<tr>
<td>Boston</td>
<td>07</td>
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<tr>
<td>Bowmansville</td>
<td>08</td>
</tr>
<tr>
<td>Brant</td>
<td>09</td>
</tr>
<tr>
<td>Buffalo</td>
<td>10</td>
</tr>
<tr>
<td>Chaffee</td>
<td>11</td>
</tr>
<tr>
<td>Cheektowaga</td>
<td>12</td>
</tr>
<tr>
<td>Clarence</td>
<td>13</td>
</tr>
<tr>
<td>Clarence Center</td>
<td>14</td>
</tr>
<tr>
<td>Colden</td>
<td>15</td>
</tr>
<tr>
<td>Collins</td>
<td>16</td>
</tr>
<tr>
<td>Collins Center</td>
<td>17</td>
</tr>
<tr>
<td>Crittenden</td>
<td>18</td>
</tr>
<tr>
<td>Depew</td>
<td>19</td>
</tr>
<tr>
<td>Derby</td>
<td>20</td>
</tr>
<tr>
<td>East Amherst</td>
<td>21</td>
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<tr>
<td>East Aurora</td>
<td>22</td>
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<tr>
<td>East Concord</td>
<td>23</td>
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<tr>
<td>Eden</td>
<td>24</td>
</tr>
<tr>
<td>Eggertsville</td>
<td>25</td>
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<tr>
<td>Elma</td>
<td>26</td>
</tr>
<tr>
<td>Farnham</td>
<td>27</td>
</tr>
<tr>
<td>Getzville</td>
<td>28</td>
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<tr>
<td>Glenwood</td>
<td>29</td>
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<tr>
<td>Grand Island</td>
<td>30</td>
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<tr>
<td>Hamburg</td>
<td>31</td>
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<tr>
<td>Helmuth</td>
<td>32</td>
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<td>Hiler</td>
<td>33</td>
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<tr>
<td>Holland</td>
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<td>Jingo</td>
<td>35</td>
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<tr>
<td>Kenmore</td>
<td>36</td>
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<tr>
<td>Lackawanna</td>
<td>37</td>
</tr>
<tr>
<td>Lakeview</td>
<td>38</td>
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<tr>
<td>Lakeview</td>
<td>39</td>
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<tr>
<td>Lancaster</td>
<td>40</td>
</tr>
<tr>
<td>Lawtons</td>
<td>41</td>
</tr>
<tr>
<td>Marilla</td>
<td>42</td>
</tr>
<tr>
<td>Marine Midland</td>
<td>43</td>
</tr>
<tr>
<td>Newsstead</td>
<td>44</td>
</tr>
<tr>
<td>North Boston</td>
<td>45</td>
</tr>
<tr>
<td>North Collins</td>
<td>46</td>
</tr>
<tr>
<td>North Evans</td>
<td>47</td>
</tr>
<tr>
<td>Orchard Park</td>
<td>48</td>
</tr>
<tr>
<td>Sardinia</td>
<td>49</td>
</tr>
<tr>
<td>Scoreball</td>
<td>50</td>
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<tr>
<td>Sloan</td>
<td>51</td>
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<tr>
<td>Snyder</td>
<td>52</td>
</tr>
<tr>
<td>South Cheektowaga</td>
<td>53</td>
</tr>
<tr>
<td>South Wales</td>
<td>54</td>
</tr>
<tr>
<td>Spring Brook</td>
<td>55</td>
</tr>
<tr>
<td>Springbrook</td>
<td>56</td>
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<tr>
<td>Springville</td>
<td>57</td>
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<tr>
<td>Swormville</td>
<td>58</td>
</tr>
<tr>
<td>Tonawanda</td>
<td>59</td>
</tr>
<tr>
<td>Wales Center</td>
<td>60</td>
</tr>
<tr>
<td>West Amherst</td>
<td>61</td>
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<tr>
<td>West Falls</td>
<td>62</td>
</tr>
<tr>
<td>West Seneca</td>
<td>63</td>
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<tr>
<td>Williamsville</td>
<td>64</td>
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<tr>
<td>Appleton</td>
<td>65</td>
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<tr>
<td>Barker</td>
<td>66</td>
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<tr>
<td>Burt</td>
<td>67</td>
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<tr>
<td>Gasport</td>
<td>68</td>
</tr>
<tr>
<td>Lewiston</td>
<td>69</td>
</tr>
<tr>
<td>Lockport</td>
<td>70</td>
</tr>
<tr>
<td>Middleport</td>
<td>71</td>
</tr>
<tr>
<td>Model City</td>
<td>72</td>
</tr>
<tr>
<td>Newfane</td>
<td>73</td>
</tr>
<tr>
<td>Niagara Falls</td>
<td>74</td>
</tr>
<tr>
<td>North Falls</td>
<td>75</td>
</tr>
<tr>
<td>North Tonawanda</td>
<td>76</td>
</tr>
<tr>
<td>Olcott</td>
<td>77</td>
</tr>
<tr>
<td>Pendleton</td>
<td>78</td>
</tr>
<tr>
<td>Ransomville</td>
<td>79</td>
</tr>
</tbody>
</table>
**RESPONDENT NEEDS DIARY PACKET RE-MAILED**

For reissuing diary packet

**CURRENT ASSN IS--ASSN** > SELECT NEW ASSIGNMENT FOR RESENDING DIARY PACKET

---

### 28: HZIP1

- **min = 1**
- **max = 1**
- **l = 5**

**Finally, what is your zip code? DK/RF IS NOT VALID. YOU MUST COLLECT A ZIP CODE.**

DK/RF .................................................. 99999

---

### 29: MVHCT

- **min = 1**
- **max = 1**
- **l = 1**

**MOVE CITY TEXT TO CITY**

---

### 30: HCITY

- **min = 1**
- **max = 1**
- **l = 35**

**HOME CITY**

---

### 31: CKHAD

- **min = 1**
- **max = 1**
- **l = 1**

**CHECK HOME ADDRESS FOR BLANKS**

---

### 32: ASSNM

- **min = 1**
- **max = 1**
- **l = 3**

---
Retrieval Questionnaire

min = 1 max = 1 l = 3

Thursday, 10/24.................................................... 798
Friday, 10/25....................................................... 799
Monday, 10/28..................................................... 802
Tuesday, 10/29..................................................... 803
Wednesday, 10/30................................................. 804
Thursday, 10/31.................................................... 805 N
Friday, 11/1.......................................................... 806 N
Monday, 11/4........................................................ 809 N
Tuesday, 11/5......................................................... 810 N
Wednesday, 11/6................................................... 811 N
Thursday, 11/7....................................................... 812 N
Friday, 11/8.......................................................... 813 N
Monday, 11/11...................................................... 816 N
Tuesday, 11/12...................................................... 817 N
Wednesday, 11/13............................................... 818 N
Thursday, 11/14................................................... 819 N
Friday, 11/15........................................................ 820 N
Monday, 11/18...................................................... 823 N
Tuesday, 11/19...................................................... 824 N
Wednesday, 11/20............................................... 825 N
Thursday, 11/21................................................... 826 N
Friday, 11/22........................................................ 827 N
Monday, 11/25...................................................... 830 N
Tuesday, 11/26...................................................... 831 N
Wednesday, 11/27.................................................. 832 N

33: ASSNS

CURRENT ASSN IS:<ASSN> > SELECT NEW ASSIGNMENT

*** RESPONDENT NEEDS SIMPLE RESCHEDULE, NO RESEND
si ASSNM=0 OR NOT(INT01=RT OR INT02=RT,RD)

Tuesday, 9/3 ....................................................... 747
Wednesday, 9/4 ................................................... 748
Thursday, 9/5 ....................................................... 749
Friday, 9/6 ......................................................... 750
Monday, 9/9 ......................................................... 753
Tuesday, 9/10 ....................................................... 754
Wednesday, 9/11 .................................................. 755
Thursday, 9/12 ..................................................... 756
Friday, 9/13 ......................................................... 757
Monday, 9/16 ....................................................... 760
Tuesday, 9/17 ....................................................... 761
Wednesday, 9/18 .................................................. 762
Thursday, 9/19 ..................................................... 763
Friday, 9/20 ......................................................... 764
Monday, 9/23 ....................................................... 767
Tuesday, 9/24 ....................................................... 768
Wednesday, 9/25 .................................................. 769
Thursday, 9/26 ..................................................... 770
Friday, 9/27 ......................................................... 771
Monday, 9/30 ....................................................... 774
Tuesday, 10/1 ....................................................... 775
Wednesday, 10/2 .................................................. 776
Thursday, 10/3 ..................................................... 777
Friday, 10/4 ......................................................... 778
Monday, 10/7 ....................................................... 781
Tuesday, 10/8 ....................................................... 782
Wednesday, 10/9 .................................................. 783
Thursday, 10/10 ................................................... 784
Friday, 10/11 ....................................................... 785
Monday, 10/14 ..................................................... 788
Tuesday, 10/15 ..................................................... 789
Wednesday, 10/16 ............................................... 790
Thursday, 10/17 .................................................. 791
Friday, 10/18 ....................................................... 792
Monday, 10/21 ..................................................... 795
Tuesday, 10/22 ..................................................... 796
Wednesday, 10/23 ................................................. 797
<table>
<thead>
<tr>
<th>Date</th>
<th>ASSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, 10/24</td>
<td>798</td>
</tr>
<tr>
<td>Friday, 10/25</td>
<td>799</td>
</tr>
<tr>
<td>Monday, 10/28</td>
<td>802</td>
</tr>
<tr>
<td>Tuesday, 10/29</td>
<td>803</td>
</tr>
<tr>
<td>Wednesday, 10/30</td>
<td>804</td>
</tr>
<tr>
<td>Thursday, 10/31</td>
<td>805 N</td>
</tr>
<tr>
<td>Friday, 11/1</td>
<td>806 N</td>
</tr>
<tr>
<td>Monday, 11/4</td>
<td>809 N</td>
</tr>
<tr>
<td>Tuesday, 11/5</td>
<td>810 N</td>
</tr>
<tr>
<td>Wednesday, 11/6</td>
<td>811 N</td>
</tr>
<tr>
<td>Thursday, 11/7</td>
<td>812 N</td>
</tr>
<tr>
<td>Friday, 11/8</td>
<td>813 N</td>
</tr>
<tr>
<td>Monday, 11/11</td>
<td>816 N</td>
</tr>
<tr>
<td>Tuesday, 11/12</td>
<td>817 N</td>
</tr>
<tr>
<td>Wednesday, 11/13</td>
<td>818 N</td>
</tr>
<tr>
<td>Thursday, 11/14</td>
<td>819 N</td>
</tr>
<tr>
<td>Friday, 11/15</td>
<td>820 N</td>
</tr>
<tr>
<td>Monday, 11/18</td>
<td>823 N</td>
</tr>
<tr>
<td>Tuesday, 11/19</td>
<td>824 N</td>
</tr>
<tr>
<td>Wednesday, 11/20</td>
<td>825 N</td>
</tr>
<tr>
<td>Thursday, 11/21</td>
<td>826 N</td>
</tr>
<tr>
<td>Friday, 11/22</td>
<td>827 N</td>
</tr>
<tr>
<td>Monday, 11/25</td>
<td>830 N</td>
</tr>
<tr>
<td>Tuesday, 11/26</td>
<td>831 N</td>
</tr>
<tr>
<td>Wednesday, 11/27</td>
<td>832 N</td>
</tr>
</tbody>
</table>

\[ \text{COMPUTED ASSN} \]

\[ \text{min} = 1 \quad \text{max} = 1 \quad l = 3 \]
**Retrieval Questionnaire**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, 11/27</td>
<td>832 N</td>
<td>Wednesday, 11/27</td>
</tr>
<tr>
<td>Monday, 11/25</td>
<td>830 N</td>
<td>Monday, 11/25</td>
</tr>
<tr>
<td>Thursday, 11/21</td>
<td>826 N</td>
<td>Thursday, 11/21</td>
</tr>
<tr>
<td>Monday, 11/18</td>
<td>823 N</td>
<td>Monday, 11/18</td>
</tr>
<tr>
<td>Tuesday, 11/19</td>
<td>824 N</td>
<td>Tuesday, 11/19</td>
</tr>
<tr>
<td>Wednesday, 11/20</td>
<td>825 N</td>
<td>Wednesday, 11/20</td>
</tr>
<tr>
<td>Thursday, 11/22</td>
<td>827 N</td>
<td>Thursday, 11/22</td>
</tr>
<tr>
<td>Monday, 11/25</td>
<td>830 N</td>
<td>Monday, 11/25</td>
</tr>
<tr>
<td>Tuesday, 11/26</td>
<td>831 N</td>
<td>Tuesday, 11/26</td>
</tr>
<tr>
<td>Wednesday, 11/27</td>
<td>832 N</td>
<td>Wednesday, 11/27</td>
</tr>
</tbody>
</table>

---

38: **SIZO8**

min = 1 max = 1 l = 2

ENTER NUMBER OF PERSONS IN HOUSEHOLD

FORMAT: 8 TO 20

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>806</td>
<td>N</td>
</tr>
</tbody>
</table>

40: **DLPER**

min = 1 max = 5 l = 2

ARE THERE ANY PERSONS WHO NEED TO BE DELETED? IF SO, ENTER THE PERSON NUMBER(S). MULTIPLE RESPONSE. ALSO ENTER THE REASON THE PERSON(S) NEED TO BE DELETED. ONLY DELETE PERSONS WHO NO LONGER LIVE IN THE HOUSEHOLD (LIKE COLLEGE STUDENTS WHO LIVE AT SCHOOL). THERE ARE NO DELETIONS.

- PERSON 1
- PERSON 2
- PERSON 3
- PERSON 4
- PERSON 5
- PERSON 6
- PERSON 7
- PERSON 8

41: **ADPER**

min = 1 max = 1 l = 1
ARE THERE ANY ADDITIONS TO THE HOUSEHOLD? TELL US HOW MANY "NEW" PEOPLE THERE ARE, THEN YOU’LL ADD THE INFORMATION ABOUT THE NEW PERSON(S). RANGE: 0 - 5 ONLY ADD "NEW" PERSONS TO THE HOUSEHOLD HERE. CHANGES ARE NOT DONE HERE. THAT WAS 2 QUESTIONS AGO. IF YOU ARE DOING CHANGES, BACK UP.

THERE ARE NO ADDITIONS. 0 D

ONE................................. 1  => /F6
TWO................................. 2  => /F6
THREE............................. 3  => /F6
FOUR............................... 4  => /F6
FIVE............................... 5  => /F6


42: HHVEH

min = 1 max = 1 l = 2

In terms of vehicles available to your household, we show that you have READ NUMBER BELOW available. Is that right? PRESS ALT_V FOR VEHICLE LIST. VERIFY YEAR, MAKE, AND MODEL FOR EACH VEHICLE. IF THERE ARE CORRECTIONS, USE F7 TO MAKE CHANGES. DELETIONS OR ADDITIONS ARE HANDLED IN THE NEXT 2 QUESTIONS.

NONE.................................00
ONE.................................01
TWO.................................02
THREE..............................03
FOUR...............................04
FIVE...............................05
SIX.................................06
SEVEN.............................07

EIGHT OR MORE, VERIFY EXACT NUMBER IN NEXT QUESTION 08


43: VEHOS

min = 1 max = 1 l = 2

ENTER EXACT NUMBER OF VEHICLES IN HOUSEHOLD

FORMAT: 8 TO 20

=> +1
si NOT HHVEH=08

DK/RF..............................99


44: DLVEH

min = 1 max = 5 l = 2

ARE THERE ANY VEHICLES THAT NEED TO BE DELETED? IF SO, ENTER THE VEHICLE NUMBERS. MULTIPLE RESPONSE. ALSO ENTER THE REASON THE VEHICLE(S) NEED TO BE DELETED. ONLY DELETE VEHICLES WHICH NO LONGER RUN OR NO LONGER BELONG TO THE HOUSEHOLD (LIKE CARS THAT THEY SOLD/TRADED IN OR ARE UP ON BLOCKS WITH THE ENGINE OUT OF IT)

THERE ARE NO DELETIONS. 00 XD

VEHICLE 1.................................01 O
VEHICLE 2.................................02 O
VEHICLE 3.................................03 O
VEHICLE 4.................................04 O
VEHICLE 5.................................05 O
VEHICLE 6.................................06 O
VEHICLE 7.................................07 O
VEHICLE 8.................................08 O


45: ADVEH

min = 1 max = 1 l = 1

ARE THERE ANY ADDITIONS TO THE VEHICLES? TELL US HOW MANY "NEW" VEHICLES THERE ARE, THEN YOU’LL ADD THE INFORMATION ABOUT THE NEW VEHICLE(S). RANGE: 0 - 5 ONLY ADD "NEW" VEHICLES TO THE HOUSEHOLD HERE. CHANGES ARE NOT DONE HERE. THAT WAS 2 QUESTIONS AGO. IF YOU ARE DOING CHANGES, BACK UP.

THERE ARE NO ADDITIONS. 0 D

ONE.................................1  => /F7
TWO.................................2  => /F7
THREE..............................3  => /F7
FOUR...............................4  => /F7
FIVE...............................5  => /F7


46: INT03

min = 1 max = 1 l = 2

Great, now I’d like to collect the trip information your household recorded for ASSN >. We’ll begin with your information. Do you have your travel logs handy? YES, HAS DIARIES OR WILL GET THEM..... OK D

NO, DOESN’T HAVE DIARIES. YOU NEED TO RECONSTRUCT THE TRAVEL DAY WITH THE RESPONDENT. ..........RD

REFUSED, DOESN’T WANT TO PARTICIPATE.R1  => /END


47: TSAMP

min = 1 max = 1 l = 7

SAMPLE NUMBER FOR PLACE

=> *

si SAMPN


48: TROW

min = 1 max = 1 l = 3

WHAT ROW IS THIS?

=> *

si SB
PREVP

min = 1  max = 1  l = 2
PREVIOUS PERSON

=> *
si IF($R>1),RXY($R-1,PRENO)+RXY($R,TSAMP-TSAMP),00)

00........................................................................ 00
01........................................................................ 01
02........................................................................ 02
03........................................................................ 03
04........................................................................ 04
05........................................................................ 05
06........................................................................ 06
07........................................................................ 07
08........................................................................ 08
09........................................................................ 09

PREVT

min = 1  max = 1  l = 5
PREVIOUS PLACE

=> *
si IF($R<1),0,RXY($R-1,PLANO)-RXY($R,TSAMP-TSAMP))

PERNO

min = 1  max = 1  l = 2
écran [modèle 0] -> PLANO
PREVIOUS PERSON<PREVP>
ENTER THE NUMBER OF THE PERSON WHOSE TRIP INFO...

01........................................................................ 01
02........................................................................ 02
03........................................................................ 03
04........................................................................ 04
05........................................................................ 05
06........................................................................ 06
07........................................................................ 07
08........................................................................ 08
09........................................................................ 09
10........................................................................ 10

PLANO

min = 1  max = 1  l = 5
PERSON<PRENO> PLACE<PLANO>
ENTER THE PLACE NUMBER...

INTRA

min = 1  max = 1  l = 1

WORK

min = 1  max = 1  l = 1
DOES THE PERSON YOU ARE TALKING TO/ABOUT WORK? PRESS ALT_P TO SEE THE PERSON LIST.

=> *
si PREVP==PRENO

MALE..................................................................... 1
FEMALE................................................................... 2

GEND

min = 1  max = 1  l = 1
GENDER FOR EACH ROW

=> *
si IF($R<1),GENDA,RXY($R-1,GEND)+RXY($R,TSAMP-TSAMP))

NO.......................................................................... 2
YES ........................................................................ 1

WORKA

min = 1  max = 1  l = 1
WAS THIS PERSON INTERVIEWED?

=> +1
si PREVP==PRENO

YES ........................................................................ 1
NO ........................................................................ 2

INTRV

min = 1  max = 1  l = 1
INTERVIEWED FOR EACH ROW

=> *
si IF($R<1),INTRA,RXY($R-1,INTRV)+RXY($R,TSAMP-TSAMP))

YES ........................................................................ 1
NO ........................................................................ 2

GENDA

min = 1  max = 1  l = 1
ENTER THE GENDER OF THE PERSON YOU ARE SPEAKING TO/ABOUT YOU CAN FIND THIS USING ALT_P TO DISPLAY THE PERSON LIST

=> +1
si PREVP==PRENO

MALE..................................................................... 1
FEMALE................................................................... 2
PERSON<PERNO> PLACE<PLANO>  
Did YOU use YOUR diary to record YOUR travel?

$=> +1$

si PREVP==PERNO

Yes ......................................................... 1

No ......................................................... 2

DK/RF ....................................................... 9

64:  UDIAR

min = 1 max = 1 l = 1

Did you complete YOUR travel log during the day or after YOU finished YOUR travel day?

$=> +1$

si PREVP==PERNO

DURING ....................................................... 1

AFTER ........................................................... 2

COMBINATION OF TWO .................................... 3

DK/RF ....................................................... 9

65:  TOTPL

min = 1 max = 1 l = 3

PERSON<PERNO> PLACE<PLANO>  
How many total places did YOU visit over the course of the travel day?

$=> +1$

si PREVP==PERNO

DK/RF ....................................................... 999

66:  GETUP

min = 1 max = 1 l = 4

PERSON<PERNO> PLACE<PLANO>  
What time did YOU wake up on YOUR travel day? ENTER IN MILITARY TIME HHMM 0000-MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

$=> +1$

si PREVP==PERNO

DK/RF ....................................................... 9999

67:  PTYPE

min = 1 max = 1 l = 2

écran [modèle 0] $->$ PTYPE

PERSON<PERNO> PLACE<PLANO>  
IF PLACE 1: Okay - Where were/was YOU at 3 am on...

HOME ....................................................... 01

SCHOOL ..................................................... 12

WORK ...................................................... 13

PREVIOUSLY ENTERED PLACE/SOMEONE ELSE'S HABITUAL ADDRESS

NOT THE PERSON WHOSE INFO YOU ARE GETTING NOW. IE MOM DROPS KIDS OFF AT SCHOOL................................. 07

NEW PLACE (ASK IF THAT IS IN NEW YORK. IF NOT, IT'S OUT OF THE STUDY AREA SO, SELECT #9)............... 08

OUT OF THE TRAVEL STUDY AREA ............ 99
68: CKWFL
min = 1 max = 1 l = 1
ADDRESS CHECK FLAG

= * 
si IF((PERNO=01),P1CW1, IF((PERNO=02),P2CW1, IF((PERNO=03),P3CW1,
 IF((PERNO=04),P4CW1, IF((PERNO=05),P5CW1,
 IF((PERNO=06),P6CW1, IF((PERNO=07),P7CW1,
 IF((PERNO=08),P8CW1))))))

WORK ADDRESS ALREADY COLLECTED...... 1
.............................................................................................
WORK ADDRESS NOT COLLECTED .......... 2
.............................................................................................

69: CKSFL
min = 1 max = 1 l = 1
ADDRESS CHECK FLAG

= * 
si IF((PERNO=01),P1CS1, IF((PERNO=02),P2CS1, IF((PERNO=03),P3CS1,
 IF((PERNO=04),P4CS1, IF((PERNO=05),P5CS1,
 IF((PERNO=06),P6CS1, IF((PERNO=07),P7CS1,
 IF((PERNO=08),P8CS1))))))

WORK ADDRESS ALREADY COLLECTED...... 1
.............................................................................................
WORK ADDRESS NOT COLLECTED .......... 2
.............................................................................................

70: LOCAT
min = 1 max = 1 l = 1
PERSON<PERNO> PLACE<PLANO>
Does the place have a name? IF THEY GAVE YOU AN EXACT NAME IN
PREVIOUS QUESTION, ENTER IT HERE
RECORD RESPONSE ........................................... 1 DO
DK/RF .................................................................... 9
.............................................................................................

71: ROWNO
min = 1 max = 1 l = 2
PERSON<PERNO> PLACE<PLANO>
<LOCAT> ENTER ROW NUMBER OF
A PREVIOUSLY ENTERED PLACE (NUMBER ONLY)

= +1
si NOT PTYPE=07

72: TNUM
min = 1 max = 1 l = 5
ROW NUMBER

= * 
si IF((PTYPE=07),ROWNO,SR)

73: PLCTY
min = 1 max = 1 l = 5
Was that in<HCNTY >? THIS IS NOT PRE-LOADED, SELECT
COUNTY

= +1
si PTYPE=07 OR PTYPE=99
Erie County..................................................... 36029
Niagara County............................................... 36063
OUT OF STUDY AREA BUT IN NEW YORK99994
OUT OF STUDY AREA BUT IN ONTARIO, CANADA 99995
OUT OF NEW YORK AND ONTARIO, CANADA99996
DK/RF ............................................................99999

74: CITYX
min = 1 max = 1 l = 2

= * 
si IF((PERNO=01),P1CW1, IF((PERNO=02),P2CW1, IF((PERNO=03),P3CW1,
 IF((PERNO=04),P4CW1, IF((PERNO=05),P5CW1,
 IF((PERNO=06),P6CW1, IF((PERNO=07),P7CW1,
 IF((PERNO=08),P8CW1))))))

WORK ADDRESS ALREADY COLLECTED...... 1
.............................................................................................
WORK ADDRESS NOT COLLECTED .......... 2
.............................................................................................
PERSON<PERNO> PLACE<PLANO>
Can you tell me which city that is in?
IF THEY WENT OUT OF THE STATE, SELECT ??? AND ENTER THE CITY NAME
AKRON ................................................. 01
..............................................................
ALDEN ................................................. 02
..............................................................
AMHERST ............................................ 03
..............................................................
ANGOLA ................................................ 04
..............................................................
ATHOL SPRINGS .................................... 05
..............................................................
BLASDELL ............................................. 06
..............................................................
BOSTON ................................................. 07
..............................................................
BOWMANSVILLE .................................... 08
..............................................................
BRANT .................................................. 09
..............................................................
BUFFALO .............................................. 10
..............................................................
CHAFFEE ............................................. 11
..............................................................
CHEEKTOWAGA .................................... 12
..............................................................
CLARENCE ......................................... 13
..............................................................
CLARENCE CENTER ............................... 14
..............................................................
COLDEN .............................................. 15
..............................................................
COLLINS ............................................. 16
..............................................................
COLLINS CENTER .................................. 17
..............................................................
CRITTENDEN ...................................... 18
..............................................................
DEPEW ............................................... 19
..............................................................
DERBY ................................................ 20
..............................................................
EAST AMHERST ................................. 21
..............................................................
EAST AURORA .................................... 22
..............................................................
EAST CONCORD .................................. 23
..............................................................
EDEN .................................................. 24
..............................................................
EGGERTSVILLE .................................... 25
..............................................................
ELMA .................................................. 26
..............................................................
FARNHAM ......................................... 27
..............................................................
GETZVILLE ......................................... 28
..............................................................
GLENWOOD ........................................ 29
..............................................................
GRAND ISLAND ................................. 30
..............................................................
HAMBURG .......................................... 31
..............................................................
HELMUTH .......................................... 32
..............................................................
HILER ............................................... 33
..............................................................
HOLLAND ......................................... 34
..............................................................
JINGO ............................................... 35
..............................................................
KENMORE ......................................... 36
..............................................................
LACKAWANNA ................................. 37
..............................................................
LAKE VIEW ....................................... 38
..............................................................
LAKEVIEW ......................................... 39
..............................................................
LANCASTER ........................................ 40
..............................................................
LAWTONS .......................................... 41
..............................................................
MARILLA ............................................ 42
..............................................................
MARINE MIDLAND ......................... 43
..............................................................
NEWSSTEAD ...................................... 44
..............................................................
NORTH BOSTON ......................... 45
..............................................................
NORTH COLLINS .................. 46
..............................................................
NORTH EVANS .......................... 47
..............................................................
ORCHARD PARK .................. 48
..............................................................
SARDINIA ........................................ 49
..............................................................
SCOREBALL ..................................... 50
..............................................................
SLOAN ............................................ 51
..............................................................
SNYDER ........................................... 52
..............................................................
SOUTH CHEEKTOWAGA .............. 53
..............................................................
SOUTH WALES ......................... 54
..............................................................
SPRING BROOK ...................... 55
..............................................................
SPRINGBROOK ..................... 56
..............................................................
SPRINGVILLE ....................... 57
..............................................................
SWORMVILLE ............................ 58
..............................................................
TONAWANDA ....................... 59
..............................................................
WALES CENTER ................ 60
..............................................................
WEST AMHERST ................. 61
..............................................................
WEST FALLS ........................ 62
..............................................................
WEST SENECA .................. 63
..............................................................
WILLIAMSVILLE ............... 64
..............................................................
APPLETON ....................... 65
..............................................................
BARKER ........................................... 66
..............................................................
BURT ............................................... 67
..............................................................
GASPORT .............................. 68
..............................................................
LEWISTON ......................... 69
..............................................................
LOCKPORT ....................... 70
..............................................................
MIDDLEPORT .................. 71
..............................................................
MODEL CITY .................... 72
..............................................................
NEWFANE ......................... 73
..............................................................
NIAGARA FALLS ............ 74
..............................................................
NORTH FALLS ............... 75
..............................................................
NORTH TONAWANDA .... 76
..............................................................
OLCOTT ............................ 77
..............................................................
PENDLETON .................... 78
..............................................................
...
Can you tell me the name of a street that crosses near ADDR
> FORMAT: STREET
ENTER RESPONSE...............................1 DO
DK/RF.................................................9

80: LAND

min = 1 max = 1 l = 1

PERSON<PERNO> PLACE<PLANO>

Can you tell me a nearby landmark that can be found easily on a map? THIS CAN
BE ANYTHING THAT WE CAN USE TO TRY TO FIND THIS PLACE.
EXAMPLE: 7-11 ON THE CORNER OF XYZ STREET, HEB STORE, ETC

<=> +1
si ADDR=1 AND XSTRT=1

ENTER RESPONSE...............................1 DO
DK/RF.................................................9

81: PLZIP

min = 1 max = 1 l = 5

And the zip code at that location? IF OUT OF THE COUNTRY, SELECT DK/RF.
DK/RF.................................................99999

82: SKCHG

min = 1 max = 1 l = 1

SKIP TO CHANGE FUNCTION

<=> /CHANG
simon => +1
si PTYPE=12,13

83: MODE

min = 1 max = 1 l = 2

PERSON<PERNO> PLACE<PLANO>

What was YOUR main means of travel to this place?

<=> +1
si PLANO=1,00
Walk.................................................01
Bicycle............................................02
Auto/Truck/Van Driver.....................03
Auto/Truck/Van Passenger...............04
Metro Bus (Public Bus).................05
Metro Rail (Public Light Rail).........06
School Bus..................................07
Taxi/Shuttle/Limousine.................08
Motorcycle/Moped.......................09

84: TIME1

min = 1 max = 1 l = 4

GET PREVIOUS TIME

<=> *
si IF(SR=1),0000,IF(SR=1),RXY(SR-1,DEPTM)+RXY(SR,TSAMP)-TSAMP)
Retrieval Questionnaire

85: **TIME2**

min = 1  max = 1  l = 4
Make Retrieved Time Look Like A Time

\[
\text{si (TRC(TIME1/60)*100)+TIME1-(TRC(TIME1/60)*60)}
\]

86: **ARRTM**

min = 1  max = 1  l = 4

PERSON<PERNO> PLACE<PLANO> PREVIOUS TIME<TIME2>
IF PLACE 1, ENTER 0300  OTHERWISE: What time did YOU get there? ENTER IN MILITARY TIME, HHMM
0000- MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

\[\rightarrow \text{SKSET} \]

\[\text{si MODE=05-06} \]

87: **TPUR1**

min = 1  max = 1  l = 4

PERSON<PERNO> PLACE<PLANO> PREVIOUS TIME<TIME2>
IF PLACE 1, ENTER 0300  OTHERWISE: What time did YOU get there? ENTER IN MILITARY TIME, HHMM
0000- MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

\[\rightarrow \text{SKSET} \]

\[\text{si MODE=05-06} \]

88: **TPUR2**

min = 1  max = 3  l = 2

PERSON<PERNO> PLACE<PLANO> PREVIOUS TIME<TIME2>

\[\rightarrow \text{SKSET} \]

\[\text{si MODE=05-06} \]

89: **SKSET**

min = 1  max = 1  l = 1

Skip 'Set' Questions If Not Transit

\[\rightarrow \text{OTHTR} \]

\[\text{si NOT MODE=05-06} \]

90: **SETP1**

min = 1  max = 1  l = 1

Set Trip Purpose 1 If Mode Is Transit

\[\rightarrow \text{*} \]

\[\text{si MOV(01,TPUR1)} \]

91: **SETP2**

min = 1  max = 1  l = 1

Set Trip Purpose 2 If Mode Is Transit

\[\rightarrow \text{*} \]

\[\text{si MOV(00,TPUR2)} \]

92: **SKTRN**

min = 1  max = 1  l = 1

Skip To Route If Transit

\[\rightarrow \text{ROUTE} \]

\[\text{si NOT MODE=05-06} \]
**Retrieval Questionnaire**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>93:</strong></td>
<td><strong>OTHTR</strong></td>
</tr>
<tr>
<td><strong>94:</strong></td>
<td><strong>HIMEM</strong></td>
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<tr>
<td><strong>95:</strong></td>
<td><strong>PERTP</strong></td>
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<td><strong>96:</strong></td>
<td><strong>NONHI</strong></td>
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<td><strong>97:</strong></td>
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<td><strong>VEHAV</strong></td>
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<td><strong>VEHNO</strong></td>
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<td><strong>100:</strong></td>
<td><strong>PRKCO</strong></td>
</tr>
<tr>
<td><strong>101:</strong></td>
<td><strong>PRKUN</strong></td>
</tr>
</tbody>
</table>

**OTHTR**

What was the total number of people traveling with YOU? NOT INCLUDING THE PERSON YOU'RE ON

--- SKIP1

- **si NOT(MODE=03 OR MODE=04)**
- **DK/RF**

**HIMEM**

Of those, how many were household members?

--- +1

**PERTP**

Who was/were the person(s)?

--- +1

**NONHI**

- **si IF(OTHTR<>99 AND HIMEM<>99) OR THTR-HIMEM.98**
- **DK/CAN'T TELL**

**DISPL**

- **/>AGAIN**
- **sion**
- **si HIMEM<>0**

**VEHAV**

**VEHNO**

- **si NOT VEHAV<>1**
- **ONE**
- **TWO**
- **THREE**
- **FOUR**
- **FIVE**
- **SIX**
- **SEVEN**
- **EIGHT**
- **NON-HOUSEHOLD VEHICLE**
- **DK/RF**

**PRKCO**

- **DK/RF**

**PRKUN**

- **DK/RF**

--- ++1

--- 0

--- +1

--- +1

--- +1

--- +1

--- +1

--- +1

--- +1
Retrieval Questionnaire

102:

**PERSON<PERNO> PLACE<PLANO>**

min = 1 max = 1 l = 1

Which method did YOU use to pay for YOUR parking?

DID NOT USE ANY METHOD TO PAY .................... 0

Cash .............................................................. 1

Credit Card ..................................................... 2

Payroll Deduction/Employee Pass ......................... 3

Validated Parking Ticket .................................... 4

OTHER, SPECIFY ............................................. 7

DK/RF ................................................................ 9

103:

**TOLL**

min = 1 max = 1 l = 1

Did YOU use a toll road on your way to this place?

YES .................................................................. 1

NO .................................................................. 2

DK/RF ................................................................ 9

104:

**TMETH**

min = 1 max = 1 l = 1

How did YOU pay your toll?

Didn't Pay ....................................................... 0

EZPass .............................................................. 1

Cash ............................................................... 2

Other ................................................................ 7

DK/RF ............................................................... 9

105:

**SKIP1**

min = 1 max = 1 l = 1

SKIP FOR TRANSIT

="WALK"

si NOT MODE=05-06

106:

**ROUTE**

min = 1 max = 1 l = 1

What route did YOU take?

RECORD RESPONSE ............................................. 1

DK/RF ............................................................... 9

107:

**FARE**

min = 1 max = 1 l = 6

How much did it cost to ride the bus or train?

FORMAT: 999.99

FREE RIDE ................................................. 000000

DK/RF ............................................................ 999999

108:

**FTYPE**

min = 1 max = 1 l = 1

109:

**WALK**

min = 1 max = 1 l = 1

Did YOU go for a walk or bike ride while you were at this place?

DK/RF ............................................................... 9

110:

**BLOCK**

min = 1 max = 1 l = 2

How many blocks did YOU travel? RANGE: 1 - 98

DK/RF ............................................................... 9

111:

**CHECK**

min = 1 max = 1 l = 1

Did YOU go anywhere else that day? IF THEY WENT OUT OF THE STUDY AREA, ASK IF THEY CAME BACK INTO THE STUDY AREA THAT DAY. IF THEY SAY "YES", SELECT "Yes". OTHERWISE, SELECT "No" <NOGO >: IF THE WORD "FALSE" APPEARS TO THE LEFT, CHANGE TO THE "Yes" CHOICE

="+1"

si MODE=05-06

112:

**SKPSC**

min = 1 max = 1 l = 1

SKIP "SET" CHECK IF NOT TRANSIT

="DEPTM"

si NOT MODE=05-06

113:

**SETCH**

min = 1 max = 1 l = 1

SET CHECK IF TRANSIT

="*

si MOV(1,CHECK)
114: DEPTM

min = 1 max = 1 l = 4

PERSON<PERNO> PLACE<PLANO> PREVIOUS TIME <ARRTM>

IF LAST PLACE OF THE DAY, ENTER 0259 OTHERWISE: What time did YOU
>leave for the next place?
ENTER IN MILITARY TIME, HHMM
MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

--> ADDEL
si MODE=05-06

115: GOBED

min = 1 max = 1 l = 4

PERSON<PERNO> PLACE<PLANO>

What time did YOU >go to sleep on YOUR >travel day? ENTER IN MILITARY
TIME HHMM
0000-MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

--> NOGO
si CHECK=1

DK/RF .............................................................. 9999
.................................................................................. 9

116: WAHOM

min = 1 max = 1 l = 1

PERSON<PERNO> PLACE<PLANO>

Did YOU >work at home at all during your travel day? ?

--> NOGO
si NOT WORK=1

YES ........................................................................ 1
NO ........................................................................ 2
=> NOGO
DK/RF .............................................................. 9999
.................................................................................. 9

117: WHSTR

min = 1 max = 1 l = 4

PERSON<PERNO> PLACE<PLANO>

What time did YOU >start YOUR >work at home?
ENTER IN MILITARY TIME, HHMM
0000-MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

118: WHSTO

min = 1 max = 1 l = 4

PERSON<PERNO> PLACE<PLANO>

What time did YOU >stop YOUR >work at home?
ENTER IN MILITARY TIME, HHMM
0000-MIDNIGHT, 1200-NOON, 2359-11:59PM, 0030-12:30AM

119: NOGO

min = 1 max = 1 l = 1

PERSON<PERNO> PLACE<PLANO>

So, YOU >made no trips, including for work or school?

--> ADDEL
si (CHECK=1 AND PLANO=1) OR PLANO=1

TRUE: Why not? ................................................. 1
FALSE: Why not? ............................................... 2
=> CHECK

120: ADDEL

min = 1 max = 1 l = 1

PERSON<PERNO> PLACE<PLANO>

INDICATE WHETHER THIS PLACE IS AN ADDITION/DELETION OR OKAY
THIS PLACE IS OKAY ........................................ 1
THIS IS AN ADDITION ......................................... 2
DELETE THIS PLACE ........................................ 3

121: NEXT

min = 1 max = 1 l = 1

YOU ARE ON<PERNO > IN A<HHSIZ-PERSON HOUSEHOLD
YOU JUST DID PLACE<PLANO> MORE
PLACES?<CHECK>

Next Place, Day, Person........................................ 1

Done With This Household ..................................... 2

122: REND1

min = 1 max = 1 l = 1

LOOP TO NEXT ROW AUTOMATICALLY

--> *
si 1

123: INCA

min = 1 max = 1 l = 1

I'm going to read a series of broad income ranges. Stop me when I read the range in
which your household income falls. Your household income is the total income made
by all household members last year before taxes.

--> INCOM
si INCA=9

from $0 to $4,999 ................................................. 1
from $5,000 to $14,999 ......................................... 2
from $15,000 to $24,999 ....................................... 3
from $25,000 to $44,999 ....................................... 4
from $45,000 to $74,999 ....................................... 5
$75,000 or more ............................................... 6
DK/RF .............................................................. 9999

124: INCRF

min = 1 max = 1 l = 1

CURRENT INCOM IS<INCA> READ CODES AS NEEDED.

I understand your reluctance to share this kind of information, but let me assure you
that it is completely confidential. It's important for us to collect this type of information
so we can be sure we have a representative sample of households in your community.
Your answers will be combined with others like yourself and will remain anonymous.
Which of the following income categories best represents your household?

from $0 to $4,999 ................................................. 1
from $5,000 to $14,999 ......................................... 2
from $15,000 to $24,999 ....................................... 3
from $25,000 to $44,999 ....................................... 4
from $45,000 to $74,999 ....................................... 5
$75,000 or more ............................................... 6
DK/RF .............................................................. 9999
125:  
min = 1  max = 1  l = 1  
COMPUTED INCOME

si IF((NOT INCA=9 AND NOT INCA=WR),INCA, INCRF)
from $0 to $4,999 .............................................. 1
from $5,000 to $14,999 .................................... 2
from $15,000 to $24,999 ................................. 3
from $25,000 to $44,999 ................................. 4
from $45,000 to $74,999 ................................. 5
$75,000 or more............................................. 6
DK/RF ......................................................... 9


126:  
min = 1  max = 1  l = 1  
STUDY

Would YOU be willing to participate in future transportation research studies?
YES ................................................................. 1
NO ................................................................. 2


127:  
min = 1  max = 1  l = 1  
THANK

Okay, great. Those are all the questions I have for you today. We appreciate you for
taking the time to help us with this important study. Thank you and good day/ evening.
END OF SURVEY .............................................. 1 D


128:  
min = 1  max = 1  l = 2  
INT99

Enter Final Disposition.
Complete ....................................................... OK N => /END
Respondent Not Available ............................. NR N => /END
Respondent Has Moved .................................. NQ N => /END
No Answer ................................................. NA N => /END
Busy .......................................................... BZ N => /END
Answering Machine ................................. AM N => /END
Disconnected ............................................ N => /END
Computer/Fax Machine .......................... FX N => /END
Business/Government ............................. N => /END
Refused ....................................................... RF => /REFUS
Callback ................................................ CB => /CB
Complete ................................................ CM N
First Refusal ............................................... R1 N => /END
Partial Complete, Callback ....................... PC => /CB
Wrong Number, Need to Research ............. WN N => /END
Respondent Needs to Reschedule, No Resend, CALLBACK RT
Respondent Needs to Reschedule, Need to Resend, CALLBACK RM
Respondent is Mailing Diaries ..................... ML N => /CB
Over Quota .............................................. OQ => /END
Reminder Call Complete .......................... RC N => /END
Reminder Call Answering Machine Message Left RA N => /END
Reminder Call No Answer ......................... RN N => /END
Reminder Call Busy .................................... RZ N => /END
Reminder Call 1st Refusal ......................... RR N => /END
Reminder Call Wrong Number ................. RW N => /END
Reconstruction of Travel Day .................. RD N => /END


129:  
min = 1  max = 1  l = 2  
INT

Enter Final Disposition.
Continue ...................................................... OK N => /END
Respondent Not Available ............................. NR N => /END
Respondent Has Moved .................................. NQ N => /END
No Answer ................................................. NA N => /END
Busy .......................................................... BZ N => /END
Answering Machine ................................. AM N => /END
Disconnected ............................................ N => /END
Computer/Fax Machine .......................... FX N => /END
Business/Government ............................. N => /END
Refused ....................................................... RF => /REFUS
Callback ................................................ CB => /CB
Complete ................................................ CM N
First Refusal ............................................... R1 N => /END
Partial Complete, Callback ....................... PC => /CB
Wrong Number, Need to Research ............. WN N => /END
Respondent Needs to Reschedule, No Resend, CALLBACK RT
Respondent Needs to Reschedule, Need to Resend, CALLBACK RM
Respondent is Mailing Diaries ..................... ML N => /CB
Over Quota .............................................. OQ => /END
Reminder Call Complete .......................... RC N => /END
Reminder Call Answering Machine Message Left RA N => /END
Reminder Call No Answer ......................... RN N => /END
Reminder Call Busy .................................... RZ N => /END
Reminder Call 1st Refusal ......................... RR N => /END
Reminder Call Wrong Number ................. RW N => /END
Reconstruction of Travel Day .................. RD N => /END


130:  
min = 1  max = 1  l = 1  
YOUR COMPUTER IS PROCESSING THE TRIP INFO NOW. WHEN IT IS DONE,
IT WILL DISPLAY THE TABLE OF TRIPS FOR THE HOUSEHOLD. IF THERE
IS A PROBLEM, YOU CAN CALL THE RESPONDENT BACK. USE REVIEW
MODE ONLY!!! DO NOT USE CALLBACK/INBOUND MODE TO GET BACK
INTO THE SURVEY!!!
MAKE A NOTE OF THE QUEST # (BOTTOM OF SCREEN), TO USE IN REVIEW
MODE
PRESS ENTER TO CONTINUE ...................... 1 D


131:  
min = 1  max = 1  l = 2  
COMPUTED

si CSM(IF((PERNO=01),1,0))
132: CHKH1
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -1 \]

133: TRA02
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=02),1,0))} \]

134: CHKH2
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -2 \]

135: TRA03
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=03),1,0))} \]

136: CHKH3
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -3 \]

137: TRA04
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=04),1,0))} \]

138: CHKH4
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -4 \]

139: TRA05
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=05),1,0))} \]

140: CHKH5
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -5 \]

141: TRA06
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=06),1,0))} \]

142: CHKH6
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -6 \]

143: TRA07
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=07),1,0))} \]

144: CHKH7
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -7 \]

145: TRA08
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=08),1,0))} \]

146: CHKH8
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -8 \]

147: TRA09
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=09),1,0))} \]

148: CHK10
min = 1 max = 1 l = 1
COMPUTED
\[ \text{TRDON} \]
\[ \sinon \Rightarrow +1 \]
\[ \text{si HHSIZ} \Rightarrow -9 \]

149: TRA10
min = 1 max = 1 l = 2
COMPUTED
\[ \Rightarrow \ast \]
\[ \text{si CSM(IF((PERNO=10),1,0))} \]
Retrieval Questionnaire

150: TRDON
min = 0 max = 1 l = 2
ecran [modèle 0] -> TRDON
PRESS ENTER WHEN READY
CONTINUE..................................................OK D => /END

151: NOTES
min = 1 max = 1 l = 1
Feedback to Supervisor
ENTER ANY NOTES/FEEDBACK THAT YOU HAVE FOR THE FIELD
SUPervisor. YOU WILL NOT BE ABLE TO ACCESS THIS AFTER YOU
ENTER IT. THE QUESTION CLEARs ITSELF EACH TIME YOU CALL IT UP
WITH THE F5 KEY. EACH NOTE IS APPENDED TO THE REST IN THE FILE.
NOTES/FEEDBACK TO FIELD SUPERVISOR ..1 DO

CONTINUE........................................................ OK D => /END

152: VIYM
min = 1 max = 1 l = 4
VEHICLE 1 YEAR

153: VIMAK
min = 1 max = 1 l = 2

ACURA.........................................................01
AUDI..................................................................02
BMW............................................................03
BUICK..........................................................04
CADILLAC....................................................05
CHEVROLET..................................................06
CHRYSLER...................................................07
DAEWOO........................................................08
DODGE..........................................................09
FORD............................................................10
GEO................................................................11
GMC................................................................12
HARLEY DAVIDSON........................................13
HONDA..........................................................14
HYUNDAI.......................................................15
INFINITI........................................................16
ISUZU............................................................17
JAGUAR........................................................18
JEEP................................................................19
KAWASAKI....................................................20
KIA................................................................21
LEXUS..........................................................22
LINCOLN.......................................................23
MAZDA..........................................................24
MERCURY......................................................25
MERCEDES...................................................26
MITSUBISHI..................................................27
NISSAN.........................................................28
OLDSMOBILE...............................................29
PLYMOUTH....................................................30
PONTIAC......................................................31
PORSCHE.....................................................32
RANGE ROVER.............................................33
SAAB...........................................................34
SATURN.......................................................35
SUBARU.......................................................36
SUZUKI......................................................37
TOYOTA......................................................38
Retrieval Questionnaire

VEHICLE 2 MAKE

\[ \Rightarrow +1 \]

si 1 = 0

ACURA ....................................................... 01
AUDI ...................................................... 02
BMW ....................................................... 03
BUICK .................................................... 04
CADILLAC .............................................. 05
CHEVROLET ........................................... 06
CHRYSLER ............................................. 07
DAEWOO ............................................... 08
DODGE .................................................. 09
FORD .................................................... 10
GEO .................................................... 11
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<thead>
<tr>
<th>VEHICLE MAKE</th>
<th>COUNT</th>
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<td>ACURA</td>
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<td>TOYOTA</td>
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VOLKSWAGEN ................................................. 39

VOLVO ............................................................. 40

YAMAHA ......................................................... 41

OTHER, SPECIFY .............................................. 97 O

DON'T KNOW .................................................... 98

REFUSED ......................................................... 99

160:

min = 1 max = 1 l = 20

Vehicle 3 Model

161:

min = 1 max = 1 l = 4

Vehicle 4 Year

162:

min = 1 max = 1 l = 2

Vehicle 4 Make

ACURA ............................................................ 01

AUDI ............................................................... 02

BMW ............................................................. 03

BUICK ............................................................ 04

CADILLAC ...................................................... 05

CHEVROLET .................................................. 06

CHRYSLER .................................................... 07

DAEWOO ......................................................... 08

DODGE .......................................................... 09

FORD ............................................................. 10

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GMH .............................................................. 12

HARLEY DAVIDSON ......................................... 13

HONDA .......................................................... 14

HYUNDAI ...................................................... 15

INFINITI ....................................................... 16

ISUZU ............................................................ 17

JAGUAR ......................................................... 18

JEEP .............................................................. 19

KAWASAKI ..................................................... 20

KIA ............................................................... 21

LEXUS .......................................................... 22

LINCOLN ....................................................... 23

MAZDA .......................................................... 24

MERCURY ..................................................... 25

MERCEDES .................................................. 26

MITSUBISHI .................................................. 27

NISSAN .......................................................... 28

OLDSMOBILE ............................................... 29

PLYMOUTH .................................................... 30

PONTIAC ....................................................... 31

PORSCHE ........................................................ 32

RANGE ROVER ............................................... 33

SAAB ............................................................ 34

SATURN .......................................................... 35

SUBARU .......................................................... 36

SUZUKI .......................................................... 37

TOYOTA .......................................................... 38
### VEHICLE 5 MAKE

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VOLVO ......................................................... 40

YAMAHA ....................................................... 41

OTHER, SPECIFY ......................................... 97

DON'T KNOW .................................................. 98

REFUSED ..................................................... 99


166: V5MOD

min = 1  max = 1  l = 20

VEHICLE 5 MODEL


167: V6YR

min = 1  max = 1  l = 4

VEHICLE 6 YEAR


168: V6MAK

min = 1  max = 1  l = 2

VEHICLE 6 MAKE


ACURA ...................................................... 01

AUDI ......................................................... 02

BMW ......................................................... 03

BUICK ....................................................... 04

CADILLAC .................................................. 05

CHEVROLET ............................................... 06

CHRYSLER .................................................. 07

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RANGE ROVER ........................................... 33

SAAB .......................................................... 34

SATURN ...................................................... 35

SUBARU ..................................................... 36

SUZUKI ...................................................... 37

TOYOTA ..................................................... 38
Retrieval Questionnaire

VEHICLE 6 MODEL

min = 1 max = 1 l = 20

si 1>0

VEHICLE 7 YEAR

min = 1 max = 1 l = 4

si 1>0

VEHICLE 7 MAKE

min = 1 max = 1 l = 2

si 1>0

ACURA.............................................. 01
AUDI.................................................. 02
BMW.................................................. 03
BUICK.............................................. 04
CADILLAC.......................................... 05
CHEVROLET....................................... 06
CHRYSLER......................................... 07
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SAAB............................................... 34
SATURN.......................................... 35
SUBARU.......................................... 36
SUZUKI.......................................... 37
TOYOTA.......................................... 38
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Retrieval Questionnaire

VOLKSWAGEN ....................................................... 39
VOLVO ................................................................. 40
YAMAHA ............................................................... 41
OTHER, SPECIFY .................................................... 97
DON'T KNOW ......................................................... 98
REFUSED ............................................................... 99

175: V8MOD
min = 1 max = 1 l = 20
VEHICLE 8 MODEL

176: ALTV
min = 1 max = 1 l = 1
écran [modèle 0] -> ALTV
procédure 1 -> ALTV

177: P1NAM
min = 1 max = 1 l = 20
PERSON 1 FIRST NAME

178: P1GEN
min = 1 max = 1 l = 1
PERSON 1 GENDER

179: P1AGE
min = 1 max = 1 l = 3
PERSON 1 AGE

180: P1WRK
min = 1 max = 1 l = 1
PERSON 1 WORK STATUS

181: P1SCH
min = 1 max = 1 l = 1
PERSON 1 SCHOOL STATUS

182: P2NAM
min = 1 max = 1 l = 20
PERSON 2 FIRST NAME

183: P2GEN
min = 1 max = 1 l = 1
PERSON 2 GENDER

184: P2AGE
min = 1 max = 1 l = 3
PERSON 2 AGE

185: P2WRK
min = 1 max = 1 l = 1
PERSON 2 WORK STATUS

186: P2SCH
min = 1 max = 1 l = 1
PERSON 2 SCHOOL STATUS

187: P3NAM
min = 1 max = 1 l = 20
PERSON 3 FIRST NAME
188: P3GEN
min = 1 max = 1 l = 1
PERSON 3 GENDER
  => +1
  si 1>0
MALE................................................. 1
  .................................................. 2
FEMALE.............................................
DK.................................................... 8
RF.....................................................

189: P3AGE
min = 1 max = 1 l = 3
PERSON 3 AGE
  => +1
  si 1>0
DK.................................................... 998
RF.....................................................

190: P3WRK
min = 1 max = 1 l = 1
PERSON 3 WORK STATUS
  => +1
  si 1>0
YES ................................................. 1
NO.................................................... 2

191: P3SCH
min = 1 max = 1 l = 1
PERSON 3 SCHOOL STATUS
  => +1
  si 1>0
YES ................................................. 1
NO.................................................... 2

192: P4NAM
min = 1 max = 1 l = 20
PERSON 4 FIRST NAME
  => +1
  si 1>0

193: P4GEN
min = 1 max = 1 l = 1
PERSON 4 GENDER
  => +1
  si 1>0
MALE................................................. 1
  .................................................. 2
FEMALE.............................................
DK.................................................... 8
RF.....................................................

194: P4AGE
min = 1 max = 1 l = 3
PERSON 4 AGE
  => +1
  si 1>0
DK.................................................... 998
RF.....................................................

195: P4WRK
min = 1 max = 1 l = 1
PERSON 4 WORK STATUS
  => +1
  si 1>0
YES ................................................. 1
NO.................................................... 2

196: P4SCH
min = 1 max = 1 l = 1
PERSON 4 SCHOOL STATUS
  => +1
  si 1>0
YES ................................................. 1
NO.................................................... 2

197: P5NAM
min = 1 max = 1 l = 20
PERSON 5 FIRST NAME
  => +1
  si 1>0

198: P5GEN
min = 1 max = 1 l = 1
PERSON 5 GENDER
  => +1
  si 1>0
MALE................................................. 1
  .................................................. 2
FEMALE.............................................
DK.................................................... 8
RF.....................................................

199: P5AGE
min = 1 max = 1 l = 3
PERSON 5 AGE
  => +1
  si 1>0
DK.................................................... 998
RF.....................................................
200: P5WRK
min = 1 max = 1 l = 1
PERSON 5 WORK STATUS
=> +1
si 1=0
YES ......................................................... 1
NO ......................................................... 2

201: P5SCH
min = 1 max = 1 l = 1
PERSON 5 SCHOOL STATUS
=> +1
si 1=0
YES ......................................................... 1
NO ......................................................... 2

202: P6NAM
min = 1 max = 1 l = 20
PERSON 6 FIRST NAME
=> +1
si 1=0

203: P6GEN
min = 1 max = 1 l = 1
PERSON 6 GENDER
=> +1
si 1=0
MALE ...................................................... 1
FEMALE .................................................... 2
DK .......................................................... 8
RF .......................................................... 9

204: P6AGE
min = 1 max = 1 l = 3
PERSON 6 AGE
=> +1
si 1=0
DK .......................................................... 998
RF .......................................................... 999

205: P6WRK
min = 1 max = 1 l = 1
PERSON 6 WORK STATUS
=> +1
si 1=0
YES ......................................................... 1
NO ......................................................... 2

206: P6SCH
min = 1 max = 1 l = 1

207: P7Nam
min = 1 max = 1 l = 20
PERSON 7 FIRST NAME
=> +1
si 1=0

208: P7GEN
min = 1 max = 1 l = 1
PERSON 7 GENDER
=> +1
si 1=0
MALE ...................................................... 1
FEMALE .................................................... 2
DK .......................................................... 8
RF .......................................................... 9

209: P7AGE
min = 1 max = 1 l = 3
PERSON 7 AGE
=> +1
si 1=0
DK .......................................................... 998
RF .......................................................... 999

210: P7WRK
min = 1 max = 1 l = 1
PERSON 7 WORK STATUS
=> +1
si 1=0
YES ......................................................... 1
NO ......................................................... 2

211: P7SCH
min = 1 max = 1 l = 1
PERSON 7 SCHOOL STATUS
=> +1
si 1=0
YES ......................................................... 1
NO ......................................................... 2

212: P8Nam
min = 1 max = 1 l = 20
PERSON 8 FIRST NAME
=> +1
si 1=0
213: P8GEN
min = 1 max = 1 l = 1
PERSON 8 GENDER
⇌ +1
si 1=0
MALE................................................. 1
FEMALE............................................. 2
DK..................................................... 8
RF..................................................... 9

214: P8AGE
min = 1 max = 1 l = 3
PERSON 8 AGE
⇌ +1
si 1=0
DK..................................................... 998
RF..................................................... 999

215: P8WRK
min = 1 max = 1 l = 1
PERSON 8 WORK STATUS
⇌ +1
si 1=0
YES.................................................... 1
NO..................................................... 2

216: P8SCH
min = 1 max = 1 l = 1
PERSON 8 SCHOOL STATUS
⇌ +1
si 1=0
YES.................................................... 1
NO..................................................... 2

217: ALTP
min = 1 max = 1 l = 1
ecran [modèle 0] -> ALTP
procédure 2 -> PLSTE
PERSON LIST
PERSON LIST...
CONTINUE........................................ 1 D

218: DISP2
min = 1 max = 1 l = 0
ecran [modèle 0] -> DISP2
PRESS ENTER TO CONTINUE
PERSON LIST...
⇌ +1
si HHSIZ<7

219: PLSTE
min = 1 max = 1 l = 1

220: F6
min = 1 max = 1 l = 1
ecran [modèle 0] -> F6
procédure 3 -> F6
PERSON CORRECTION
PRESS ENTER TO RECORD CORRECTIONS. INCLUDE NAME, GENDER, AGE, AND STUDENT AND/OR EMPLOYMENT STATUS.
ENTER CORRECTION.................................... 1 DO

221: F7
min = 1 max = 1 l = 1
ecran [modèle 0] -> F7
procédure 4 -> F7
VEHICLE CORRECTIONS
PRESS ENTER TO RECORD CORRECTIONS. INCLUDE YEAR, MAKE AND MODEL.
ENTER CORRECTIONS.................................... 1 DO

222: F8
min = 1 max = 1 l = 1
procédure 5 -> F8
NOTES TO INTERVIEWERS
PRESS ENTER TO RECORD INTERVIEWER NOTES
WARNING! ANYONE CAN READ WHAT YOU PUT HERE!
ENTER NOTES........................................ 1 DO

223: AGAIN
min = 1 max = 1 l = 3
procédure 6 -> TELL
THIS PROCEDURE REMINDS THE INTERVIEWER TO MAKE A NOTE OF THE ROSTER NUMBER BECAUSE THEY WILL BE SEEING THIS PLACE AGAIN
⇌ *
si TROW

224: TELL
min = 1 max = 1 l = 2
ecran [modèle 0] -> TELL
SCREEN FOR INTERVIEWER
WROTE INFO DOWN............................. OK D

225: CHANG
min = 1 max = 1 l = 1
procédure 7 -> FUEND
HABITUAL ADDRESS CHANGE FLAG FUNCTION
⇌ +1
si 1

226: SKPP1
min = 1 max = 1 l = 1
SKIP P1
⇌ /SKPP2
si NOT Perno=01
227: SK1W1
min = 1 max = 1 l = 1
SKIP W1
  => /+2
  sinon => +1
  si NOT PTYPE=12

228: P1CW1
min = 1 max = 1 l = 1
P1 CHANGE WORK 1
  => *
  si 1
  YES ........................................................................ 1
  ...........................................................................

229: SK1S1
min = 1 max = 1 l = 1
SKIP SCHOOL
  => /+2
  sinon => +1
  si NOT PTYPE=13

230: P1CS1
min = 1 max = 1 l = 1
P1 CHANGE SCHOOL
  => *
  si 1
  YES ........................................................................ 1
  ...........................................................................

231: SKPP2
min = 1 max = 1 l = 1
SKIP P2
  => /SKPP3
  sinon => +1
  si NOT PERNO=02

232: SK2W1
min = 1 max = 1 l = 1
SKIP W1
  => /+2
  sinon => +1
  si NOT PTYPE=12

233: P2CW1
min = 1 max = 1 l = 1
P2 CHANGE WORK 1
  => *
  si 1
  YES ........................................................................ 1
  ...........................................................................

234: SK2S1
min = 1 max = 1 l = 1
SKIP SCHOOL
  => /+2
  sinon => +1
  si NOT PTYPE=13

235: P2CS1
min = 0 max = 0 l = 0

236: SKPP3
min = 1 max = 1 l = 1
SKIP P3
  => /SKPP4
  sinon => +1
  si NOT PERNO=03

237: SK3W1
min = 1 max = 1 l = 1
SKIP W1
  => /+2
  sinon => +1
  si NOT PTYPE=12

238: P3CW1
min = 1 max = 1 l = 1
P3 CHANGE WORK 1
  => *
  si 1
  YES ........................................................................ 1
  ...........................................................................

239: SK3S1
min = 1 max = 1 l = 1
SKIP SCHOOL
  => /+2
  sinon => +1
  si NOT PTYPE=13

240: P3CS1
min = 1 max = 1 l = 1
P3 CHANGE SCHOOL
  => *
  si 1
  YES ........................................................................ 1
  ...........................................................................

241: SKPP4
min = 1 max = 1 l = 1
SKIP P4
  => /SKPP5
  sinon => +1
  si NOT PERNO=04

242: SK4W1
min = 1 max = 1 l = 1
SKIP W1
  => /+2
  sinon => +1
  si NOT PTYPE=12
Retrieval Questionnaire

243: P4CW1
min = 1 max = 1 l = 1
P4 CHANGE WORK 1
=> *
si 1
YES ................................................................. 1
.................................................................

244: SK4S1
min = 1 max = 1 l = 1
SKIP SCHOOL
  => +/2
  sinon => +1
  si NOT PTYPE=13

245: P4CS1
min = 1 max = 1 l = 1
P4 CHANGE SCHOOL
  => *
si 1
YES ................................................................. 1
.................................................................

246: SKPP5
min = 1 max = 1 l = 1
SKIP P5
  => /SKPP6
  sinon => +1
  si NOT PERNO=05

247: SK5W1
min = 1 max = 1 l = 1
SKIP W1
  => +/2
  sinon => +1
  si NOT PTYPE=12

248: P5CW1
min = 1 max = 1 l = 1
P5 CHANGE WORK 1
  => *
si 1
YES ................................................................. 1
.................................................................

249: SK5S1
min = 1 max = 1 l = 1
SKIP SCHOOL
  => +/2
  sinon => +1
  si NOT PTYPE=13

250: P5CS1
min = 1 max = 1 l = 1
P5 CHANGE SCHOOL
  => *
si 1
YES ................................................................. 1
.................................................................

251: SKPP6
min = 1 max = 1 l = 1
SKIP P6
  => /SKPP7
  sinon => +1
  si NOT PERNO=06

252: SK6W1
min = 1 max = 1 l = 1
SKIP W1
  => +/2
  sinon => +1
  si NOT PTYPE=12

253: P6CW1
min = 1 max = 1 l = 1
P6 CHANGE WORK 1
  => *
si 1
YES ................................................................. 1
.................................................................

254: SK6S1
min = 1 max = 1 l = 1
SKIP P6
  => /SKPP7
  sinon => +1
  si NOT PTYPE=13

255: P6CS1
min = 1 max = 1 l = 1
P6 CHANGE SCHOOL
  => *
si 1
YES ................................................................. 1
.................................................................

256: SKPP7
min = 1 max = 1 l = 1
SKIP P7
  => /SKPP8
  sinon => +1
  si NOT PERNO=07

257: SK7W1
min = 1 max = 1 l = 1
SKIP W1
  => +/2
  sinon => +1
  si NOT PTYPE=12

258: P7CW1
min = 1 max = 1 l = 1
P7 CHANGE WORK 1
  => *
si 1
YES ................................................................. 1
.................................................................
What day and time would be best to call you back? FOR RESCHEDULES: ASNS:<ASSN> Select a callback for BEFORE the new ASSN!

Who should I ask for when I call back? ASK FOR FULL NAME

ENTER THE REASON YOU HAD TO RESCHEDULE THIS HOUSEHOLD

ENTER REASON .................................................. 1 DO => /END

ENTER THE REASON THIS HOUSEHOLD IS REFUSING

RECORD REASON............................................... 1 O => /END

ENTER REASON............................................... 1 O => /END

In order for us to make a follow up call to <FNAME><LNAME>, we would like to update our records. Could you tell me his/her current phone number?

What is the number? FORMAT: 999-999-9999