

## National Travel Survey 1977/78: Preliminary Statistical Summary September Quarter, 1977

### Occasional Paper

This Paper presents a summary of preliminary statistics obtained from the first three months of the National Travel Survey (NTS). The results cover travel during the months of July, August and September 1977. These statistics are preliminary in the sense that they represent the results of an analysis of only the postal survey results. No corrections for sample bias and so on have been made at this stage.

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BUREAU OF TRANSPORT ECONOMICS

NATIONAL TRAVEL SURVEY 1977-78  
PRELIMINARY STATISTICAL SUMMARY  
SEPTEMBER QUARTER 1977

N.A. Hirsch

W.N. Aplin

AUSTRALIAN GOVERNMENT PUBLISHING SERVICE  
CANBERRA 1978

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Printed by Watson Ferguson and Co., Brisbane

## FOREWORD

Since July 1977, the Bureau of Transport Economics has been conducting the National Travel Survey 1977-78 (NTS). This is a major survey of non-urban travel in Australia, and there is every indication that the results will be of considerable interest and value to a wide range of people. Several publications describing various aspects of this project have been prepared by the BTE.

This Occasional Paper reports on preliminary results of the NTS for the September quarter 1977. Similar papers will be prepared by the BTE for the remaining three quarters covered by the survey. It is emphasised that the results in this Paper are 'preliminary' in the sense that they have not been corrected for sample bias and other related statistical errors. Such corrections will be made at the end of the survey. However, these final results will not be available for some time, and demand for results from the NTS has been such that the BTE felt that production of these interim statistics was desirable.

Several officers of the Transport Resources Investigation Branch of the BTE have been involved in this project, which is under general direction by Mr J.W. Moll. As well as the authors of this Paper, processing of NTS results has involved Miss C. Kalogianis, Mr N.W. Dunbar, Mr G.P. Piko and Mr J. Fulop in various capacities. The assistance of Mr P.T. Riddy and Mr A.C. Edquist (of the BTE's Operations Research Branch) in providing valuable assistance with various computing aspects of the project is also acknowledged.

(W.P. EGAN)

Assistant Director

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Bureau of Transport Economics  
Canberra  
June 1978

SPECIAL NOTE

The results presented in this Paper relate to the individual States and Territories as well as to Australia as a whole. In the process of generating these results, similar results were developed for each of the 64 regions throughout Australia derived for the National Travel Survey (NTS) and known as NTS regions. These regional statistical summaries constitute far more information than could reasonably be incorporated in a conventional publication such as this. However, the summaries are available in microfiche form. The microfiche can be obtained by writing to:

The Publications Officer  
Bureau of Transport Economics  
P.O. Box 367,  
CANBERRA CITY. A.C.T. 2601

A machine-readable version of the data base has also been established. This version (on magnetic tape) may be made available to appropriate organisations. Enquiries should be directed to the above address.

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In addition to these tables, other tables are presented in each of the many statistical summaries contained in Appendix III. For ease of reference, the standard tables comprising each statistical summary are listed below.

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## SUMMARY

This Paper presents a summary of preliminary statistics obtained from the first three months of the National Travel Survey (NTS). The results cover travel during the months of July, August and September 1977.

These statistics are preliminary in the sense that they represent the results of an analysis of only the postal survey results. No corrections for sample bias and so on have been made at this stage. The results from a supplementary household interview survey conducted in parallel with the NTS will be used to adjust the postal survey results. This adjustment will take place at the conclusion of the twelve-month NTS survey period.

Although the data have been analysed for travel originating in each NTS region individually, for each month and for the quarter as a whole, the resulting volume of statistics precludes their inclusion in this Paper in their entirety. The results presented in this Paper are for aggregations of NTS regions to State, Territory and national levels.<sup>(1)</sup> For each month and for the quarter, a similar summary is presented for each of the States and Territories and for Australia as a whole.

Each summary comprises the following general types of information:

- A summary of the survey sample and response statistics;
- Trip generation information;
- Information on the proportion of travel having particular characteristics.

The survey sample summary indicates the household sample size and response rate for each case, together with the effective trip sample obtained for that particular case.

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(1) See the Special Note at the beginning of this Paper for information on other available data.

The results provide overall trip generation rates for each particular case. However, disaggregated trip generation rates are also presented for households of various sizes and incomes. Since the trip generation rates are expressed in terms of person-trips per household per month, a knowledge of the distribution of households with particular characteristics in the population will permit assessment of absolute travel levels.

The major part of each statistical summary takes the form of two-way cross-tabulations showing the proportion of travel in various classes, defined by a number of descriptive variables.

Wherever possible, some indication of the statistical estimation errors associated with the results is given. These errors are associated with the estimates of average trip generation rates, vehicle availability and the proportions of trips in various classifications. In all cases, the errors are quoted as one standard error of the statistic, expressed in relative terms.

Finally, in addition to the results outlined above, origin-destination matrices are presented for each month and the quarter. These matrices show the distribution of all long-distance travel undertaken within and between the States and Territories.

## CHAPTER 1 - INTRODUCTION

The BTE is currently conducting a survey of non-urban passenger travel in Australia (Moll 1978). This survey, known as the National Travel Survey (NTS), commenced in July 1977 and will continue until June 1978.

The general aim of the NTS is to provide information on non-urban travel in Australia. Presently, information relating to non-urban travel which is available to transport planners and analysts is very limited. Generally, previous surveys have been designed to provide route-specific and/or mode-specific information, or details of recreational travel. However, the NTS is designed to cover the whole of Australia, all modes of travel, and all seasons of the year. It is also intended to provide guidelines for the planning and effective conduct of more specific transport surveys in the future. The particular objectives of the NTS are as follows:

- To estimate overall generation levels for non-urban passenger travel;
- To provide a realistic level of information on travel between regions, with appropriate emphasis being given to significant transport links;
- To identify and investigate a limited number of personal and household characteristics which might influence various travel parameters;
- To provide data on seasonal variations in travel patterns;
- To serve as a basic framework for further research into non-urban passenger travel;
- To serve as a vehicle for other surveys or investigations which might be integrated with the NTS for reasons of convenience or economy.

In response to many requests, the BTE plans to publish results obtained from the survey as rapidly as possible. This Paper is the first of a planned series of publications aimed at presenting preliminary statistical summaries of the survey results. Each of these Papers will contain results from a quarterly period of the survey. Preliminary results from the September quarter 1977 (comprising the months of July, August and September) are the subject of this Paper.

In order to place these results in context some knowledge of the operation of the NTS is required. Therefore, before discussing the approach adopted for the compilation of the statistical summary, a brief overview of the survey is given. Additional details can be found in the references cited.

#### OVERVIEW OF THE NTS

The NTS is designed to obtain details of long-distance trips undertaken by the members of a sample of households throughout Australia. These households are randomly selected within individual geographic regions devised specifically for the NTS. There are 64 of these regions, known as NTS regions. These regions are very broadly based on the Australian Government Regions devised by the former Department of Urban and Regional Development, but have been refined to reflect regional transport characteristics more closely. Since some of the results presented in this Paper are expressed in terms of NTS regions, maps of these regions are provided for convenience in Appendix I. Further details of the development and composition of the NTS regions are provided by Aplin and Flaherty (1976) and Aplin and Hirsch (1978).

At the start of a month, a postal questionnaire is sent to a random sample of households in each NTS region. The number of households in the sample varies from region to region, and is dependent upon the significance of the transport links associated with each region (Moll and Russell 1978). Financial and staff

resources constrain the total monthly sample to 8000 households nationally. The distribution of this total sample among the NTS regions is discussed in detail by Moll *et al.* (1978).

The questionnaire used in the postal survey is reproduced in Appendix II. Details are requested for certain classes of trips undertaken by members of the household and completed in the immediately preceding month.<sup>(1)</sup> The trips for which details are requested should satisfy the criteria noted on Section II of the questionnaire. The most important of these criteria are as follows:

- A trip is a journey, wholly within Australia, which starts and finishes at home;
- Travel to and from work is not included in the survey;
- Only trips which involve travel to a place 100 km (60 miles) or more from home are to be included in the survey.

It is important to note that the results reported in this Paper refer only to travel satisfying these criteria.

Approximately fourteen days after the initial questionnaire is posted to householders, an identical questionnaire is sent as a reminder to those households from which no reply has been received to that time. Since response to the NTS is voluntary, only a proportion of the households in the total sample complete and return the questionnaire. The response rate varies from region to region<sup>(2)</sup> but the overall response rate tends to range between 45 and 50 per cent.

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(1) Thus, in surveying travel completed during September 1977 (for example) the questionnaire shown in Appendix II would have been posted at the start of October 1977.

(2) Response information on a State, Territory and national basis is provided in the tables contained in this Paper.

## ORGANISATION OF THE PAPER

The preceding Section presented a very brief overview of the conduct of the postal survey. Chapter 2 discusses the approach adopted for the presentation of the results and the caveats which should be applied to them. Chapter 3 presents a detailed explanation of the individual tabulations. Finally, Chapter 4 points out some of the features of the results regarded as being of particular interest. However, it should be noted that no in-depth analysis or interpretation of the results is attempted, the primary aim being simply to present basic statistical information.

## CHAPTER 2 - ANALYTICAL APPROACH

The methods of analysis used to derive the statistics contained in this Paper are discussed in this Chapter. The various definitions and assumptions involved in these analyses are detailed, together with the constraints imposed by the desire to publish preliminary results from the survey as quickly as possible.

### EXTENT OF ANALYSIS

The substantial variety of data obtained from the NTS, as evidenced by the questionnaire in Appendix II, precludes its complete analysis and publication at this stage. Consequently, a selection of the information was made. This selection was based on those items of information which independently or in conjunction with other data were considered to be of particular interest. The selected information comprises a four-page 'standard' summary of statistics for a particular region or grouping of regions and for a particular time period. This standard summary comprises eleven tables, which are described later. The statistical analysis has been prepared for each NTS region, each State and Territory, and Australia as a whole. For each of these geographic regions or aggregations,<sup>(1)</sup> the results pertaining to the individual months of July, August and September 1977 have been prepared, as well as the results pertaining to the quarter as a whole.

This framework involves presentation of eleven tables for a total of 292 different combinations of geographic areas and time periods. The resulting large number of tables would not be efficiently contained in a conventional document of this nature. Accordingly, it was decided to print only the aggregated figures applying to the States and Territories, and Australia, for both the individual months and the quarter. These tables can be found

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(1) Where geographic aggregations are discussed, the reference is to aggregations of NTS regions to State, Territory or national levels.

in Appendix III. The tables relating to the individual NTS regions are separately available in microfiche form<sup>(1)</sup>. In addition, origin-destination (O-D) trip proportion matrices for intrastate and interstate travel were prepared for each month and for the quarter. These are presented later in this Paper.

It is recognised that the extent and content of these tabulations do not necessarily satisfy the needs of all interested parties. Indeed, it is not the objective of this Paper to attempt to do this. Rather, the aim is to convey the nature and extent of the information obtainable from the NTS. Any further detailed analysis which may be required can be performed from the master data base which may be made available to official organisations and other approved agencies with interests in travel. This data base contains all of the information obtained from the survey.<sup>(2)</sup> The format and content of the data base are outlined in Appendix IV.

#### ASSUMPTIONS AFFECTING THE ANALYSES

Inevitably, in a study of this nature some assumptions are required. These may be necessary to satisfy certain constraints, or may simply be required to obviate any ambiguities.

Three main assumptions were made which affect the statistics contained in this Paper. The first assumption relates essentially to the sampling philosophy. Respondents were asked to provide details of trips ending in a particular month. This means that trips ending, say, on the first day of July are regarded as trips conducted during that month. In fact, the major portion of such trips may have occurred in June. The question therefore arises

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- (1) Copies of these fiche may be obtained on request from the BTE (see the Special Note at the beginning of this Paper).
  - (2) With the exception of information which would divulge the identity or address of individual householders or households. Such information is not available under any circumstances.

as to whether this involves miscounting of monthly trips. However, the same effect occurs at the end of a month. In this case, trips which were performed largely during July but which ended in early August are in fact counted as trips for the month of August. It was assumed that the former case of overcounting, and the latter of undercounting would have compensating effects and that there would be no significant distortions in the overall estimation of monthly trip generation. Since trip durations are also obtained in the survey, sufficient information is available in the data base to permit a more rigorous analysis at a later time if this is regarded as necessary.

The second assumption is an operational one. Respondents were asked to detail each trip independently, except in the case where one or more identical trips were made. If identical trips were made, the respondent was asked to insert the number of these trips in item 'J' of Section II of the questionnaire (see Appendix II). When this item was not completed by the respondent it was assumed that no identical trips were made.

Finally, in the questions relating to mode and purpose of travel (items D and F in Section II of the questionnaire), the main mode and main purpose of travel were also requested. These were to be indicated by circling the appropriate box if more than one category was marked. However, in a number of cases more than one category was marked for one or both of these questions, but there was no indication of the main category. In these cases it was assumed that the first category marked was the main category<sup>(1)</sup>.

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(1) This was necessary in the present analysis as each record is processed sequentially. However, there are alternative methods which can be applied. For example, a method described by Wilson (1967), which he terms the per cent primacy method, can be used to produce more realistic estimates of main mode and purposes. However the method can only be used once all the data have been analysed.

## DEFINITION OF TERMS

Definitions of various general terms used in this study are provided in this Section.

### Definition of a Household

A household has been defined as an address for which at least one, and no more than six, electors are enrolled on the Federal Electoral rolls. This is the definition used for the purposes of generating the survey sample. The rationale behind this definition represents an attempt to sample households consisting of members who, for all intents and purposes, constitute a single economic unit. By this it is meant that a certain amount of gross household income is shared in some way through various household expenditures such as rent, food, clothing and so on. This is reflected in the disposable income of the household, which in turn affects travel patterns. Additionally, this definition partially conforms with Australian Bureau of Statistics (ABS) definitions used for the Commonwealth Censuses. The ABS defines a household as a place where there are:

'... persons living and eating together as a domestic unit. A person living alone is also a household.' (ABS, 1976).

However, for the purposes of the NTS it was considered that large institutions, (such as military establishments, nurses' homes and the like) which may conform to this definition, could not be regarded as a single economic unit.<sup>(1)</sup> Thus the upper limit of six electors was adopted as a means by which institutions not identifiable as such from their address could be excluded.

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(1) A different questionnaire would be required for institutions, together with a different sampling approach.

Obviously this definition is not entirely satisfactory; it has two main limitations. Firstly, there is some interaction between persons domiciled at institutions, and this can affect their travel behaviour. For example, common destinations and purposes for some travel can involve the sharing of motor vehicles and so on. However, these influences were considered to be second-order effects and hence outside the real meaning of economic interdependency contained in the concept of an economic unit. The second shortcoming of the definition is that it may not lead to the elimination of certain households in which there are several separate economic units. For example, an address at which there are several electors may include two separate groups living in one residence. It is obviously difficult to exclude such cases, and the use of the term 'household' must be viewed in this light.

#### Definition of a Trip

The term 'trip' in this Paper is defined as being a person-trip which satisfies the following criteria:

- The trip finished at home during the month nominated for the particular survey period;
- The trip involved travel to a destination at least 100 km away from home;
- The trip was not a regular journey to work, nor was it made as a crew member of a bus, plane or ship;
- The trip involved only travel entirely within Australia.

In view of these definitions, future references to trips in this Paper imply person-trips satisfying the above criteria.

## DATA ANALYSIS

The analyses performed using the data obtained from the NTS questionnaires have several limitations which should be noted. These limitations reflect the BTE's desire to produce interim quarterly statistics as soon as possible after the information has been obtained and processed. The qualifications relate to the nature of the data. Firstly, the figures presented in this Paper generally represent relative rather than absolute statistics.<sup>(1)</sup> Secondly, no attempt has been made to assess any biases in the data. It was decided that both these aspects would be corrected and incorporated in the final statistics rather than in these preliminary figures.

All information relating to trip details is analysed in terms of person-trips. The statistics presented in the majority of the tabulations refer to trip proportions rather than magnitudes, as this facilitates interpretation of the results. However, the total number of trips sampled for the particular case being examined is presented at the top of each page of the relevant standard summary. For the results pertaining to individual NTS regions, this permits expansion of the trip proportion figures to actual sample trip figures if so required. The trip proportions are presented in a series of two-way cross-tabulations and are totalled for the rows and columns. These totals represent the distribution of trip proportions for each variable. For example, the two-way cross-tabulations of trip proportions by household income and mode of travel in Appendix III present the relevant trip proportion for each cross-classification cell and the totals for each column and row.

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(1) No attempt is made to present results pertaining to the population of a region as a whole. However, the information provided allows such expansions to be made if regional household numbers and characteristics are known.

It is considered worthwhile at this juncture to examine briefly some aspects of expansion factors and biases. The following discussion is necessarily fairly qualitative in content, but should provide some appreciation of the nature of these parameters.

#### Biases and Errors in the Data

In estimating any quantity, there is always some distortion present due to shortcomings in measurement. In terms of data obtained from surveys, such distortions are termed biases. There are two main sources of potential bias in the results presented in this Paper. These sources of bias can be classified as:

- . Bias in sample selection;
- . Non-response bias.

The first source of bias (inadequate sample selection) may mean that the households included in the survey are not representative of the population of all households. In other words, the statistical distribution of one or more household characteristics (size, income, etc.) in the sample may differ significantly from the distribution in the population as a whole. No analysis has yet been made to determine the extent of bias introduced into the survey results in this manner. However, possible corrections are discussed in Appendix V.

The second main source of bias (non-response bias) refers to the possible difference between the travel behaviour and household characteristics of households responding to the survey and those which do not. This source of bias is a particular problem in any survey in which response is purely voluntary, especially where response rates are below 80 per cent. The supplementary interview survey has estimation of this bias as one of its main aims. The supplementary interviews will involve a small sub-sample of the main survey sample. The majority of this sub-sample will consist of non-respondents. In this way, some estimation of

travel behaviour and other characteristics of non-respondents can be made. However corrections for non-response bias will not be included until the survey as a whole is being finalised. The preliminary statistics presented here do not contain any correction for non-response bias.

Response errors in the survey results arise from incorrect completion of the questionnaire by respondents. This may be due to a variety of reasons, including poor recall, attempted deception, incomplete knowledge, and the like. A subsidiary aim of the supplementary interview survey is to estimate the extent of this misreporting by respondents. Thus a proportion of respondents are included in the interview sample, the implicit assumption being that the interview situation is likely to elicit more accurate responses than a mail survey. The preliminary statistics contain no corrections for response errors.

#### Aggregation of Statistics

The tables presented in this Paper represent aggregated statistics<sup>(1)</sup> at both the State and National levels. In aggregating the regional statistics to these levels it was necessary to make 'corrections' for the differential sampling rates in each region. Although each individual region was sampled at random, some regions were sampled at significantly higher rates than other regions (Moll *et al.* 1978). Accordingly, a simple arithmetic aggregation of data is inappropriate, since it would result in a State or national sample which is not uniformly random. Consequently, it is necessary to make corrections for the non-uniform sample.

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(1) Note that this is not the case with the regional statistics which are available separately.

The method used in this case is related to the methods of expansion described in Appendix V. It involves expansion of the sample statistics to regional population estimates. These regional estimates are then summed over the particular aggregation in question, and the results are normalised to produce the same statistical parameters as are presented for each NTS region. To carry out these expansions, the numbers of households in each region were obtained from counts of addresses on the Electoral Roll files used in the original sampling. Expansions were then performed using a factor which related the number of sampled addresses in a region to the total number of addresses in that region.

A description of this process is provided in Appendix VI. The statistics treated in this fashion include most of those presented in Appendix III. However, there were some statistics which could not be readily corrected. These relate to the average trip generation rate statistics presented in the standard summaries. To perform expansions on these statistics, the distributions of household sizes and of household incomes would need to be known for each region. This aspect is discussed more fully in Appendix VI.

#### Error Statistics

By choosing a sample as a means by which a certain parameter can be estimated for a population, there is a probability that the resulting estimate will be in error. These errors can be estimated on a statistical basis. The discussion in Appendix VII details the derivation and application of the error statistics presented in the regional tables (which can be obtained in microfiche form from the BTE). The error statistics for the aggregated results were corrected as discussed in Appendix VI.

It was considered most convenient to present the estimates of the accuracy of the figures produced in this analysis in terms of relative errors. In each case, the relative error quoted is

equal to the quotient of the standard error of the statistic and the estimated mean value. In a case in which a relative error of (say) 0.120 is ascribed to a proportion of 0.100, the implication is that there is a probability of 0.68 that the correct value of the proportion is between 0.088 and 0.112. There would be a probability of 0.95 that the correct value is between 0.076 and 0.124.

## CHAPTER 3 - DESCRIPTION OF PRELIMINARY STATISTICS

This Chapter contains a discussion of the presentation of the statistical results for the first quarter's operation of the NTS. The summary results for each month and for the quarter for each of the States, Territories and Australia are presented in Appendix III. As described earlier, a standard four-page statistical summary comprising a set of eleven tables is presented for each of the area/time-period combinations under consideration. Similar statistics for each of the NTS regions are available in microfiche form on request to the BTE.

### PERFORMANCE AND TRIP GENERATION SUMMARIES

At the beginning of each summary, a performance summary and a trip generation summary are presented. The performance summary is a synopsis of the response characteristics of the survey for that particular case. The details of this summary and description of the terms used are as follows:

- FORMS MAILED - the total number of questionnaire forms sent out for the particular area and time-period;
- NOT DELIVERED - the number of questionnaires mailed out but known to be undelivered (returned to sender, etc.);
- NET DISTRIBUTION - the difference between the above two quantities (giving the actual number of forms considered to have been delivered);
- TOTAL RETURNS - the total number of forms returned by respondents;
- UNUSABLE RETURNS - the number of returns defined as unusable for the reason of incompleteness;

- NET RETURNS - the difference between total and unusable returns;
- RESPONSE RATE - the proportion of net returns to net distribution.

The trip generation summary provides details of the numbers of trips in the sample and the resulting average household trip generation rate. The items in this summary are defined below:

- TRIPS IN SAMPLE - the total number of person-trips recorded for that particular area and time-period;
- EFFECTIVE HOUSEHOLDS - the net returns less any returns which do not contain details of persons travelling, or which contain trips to unknown destinations. This represents the effective household sample for which the statistics are presented;
- GENERATION RATE - the average household trip generation rate expressed as person-trips per household per month. For the NTS regions, this is simply calculated as the ratio of total person-trips in the sample to total effective households. For the regional aggregations, adjusted figures are used;
- RELATIVE ERROR - the relative error for the measured generation rate. This is calculated as shown in Appendix VI and Appendix VII.

#### DESCRIPTION OF TABLES

The standard summaries presented in Appendix III each consist of eleven tables (numbered from 1 to 11). In a broad sense these may be considered in two parts. The first part comprises Tables 1 and 2. Table 1 provides a breakdown showing the proportion of households with 0, 1, 2, ... vehicles available. Table 2 presents a table of relative errors of the estimated trip proportions for the particular combination in question.

The second part of each summary consists of Tables 3 to 11, which provide two-way cross-tabulations, in terms of trip proportions, for various selected variables. The tables (see Appendix III) are generally self-explanatory. However, a number of general points should be noted. As stated earlier, the statistics shown in Tables 3 to 11 for each area and time-period are the normalised variables of person-trip proportions. For example, from the appropriate cell in Table 4 of each summary, the proportion of all person-trips made by aircraft for the purpose of visiting friends can be determined. Various approaches to the expansion of these results are discussed in Chapter 4.

There are a number of further specific points which should be made in relation to these tables. These are treated below.

Table 1 (Vehicle Availability - Household Basis)

Respondents to the survey were requested to provide details of the numbers of vehicles in various categories (cars, motor cycles, utilities and light trucks, other vehicles) available for use by members of the household. In preparing this table, these categories were aggregated to yield the distribution of the total number of vehicles of all types available to households. In addition, an indication of the relative error associated with this distribution is given.

Table 2 (Relative Errors in Estimated Trip Proportions)

Since the relative error in a proportion is determined by the estimate of the proportion and the sample size used to obtain this estimate, the errors associated with the trip proportions presented in Appendix III can be determined approximately from a look-up table appropriate to each individual summary. Table 2 in each summary gives such a look-up table, in which the relative errors associated with a number of reference trip proportions are given. By interpolation between these reference points, an approximate indication of the relative error associated with any other trip proportion can be found.

Table 3 (Trip Proportions by Income and Household Size)

As well as the basic distribution, two additional statistics are recorded in this table. At the foot of each column, the average number of trips per household per month for that category of household size is presented. Similarly, at the end of each row, the same statistic is presented for each category of household income. If the calculated value for the average number of trips per household has a value equal to or greater than 10, the recorded value is shown as 9.999+. In the case of a category having no more than one household in the sample, the relative error calculation is indeterminate. In this case the relative error is recorded as 0.000\*.

Table 4 (Trip Proportions by Purpose and Vehicle Type)

The NTS questionnaire included a request to record all the reasons for undertaking each trip, and to indicate the main reason if more than one reason was given. This table classifies trips by the main reason for travel and vehicle type. Where a number of reasons for travel were stated but no indication of the main reason was given, the first reason shown was assumed as the main reason in preparing this table.

Table 5 (Trip Proportions by Party Size and Vehicle Type)

This table presents a cross-tabulation of trips by the number of household members travelling and the type of vehicle used. If 10 or more people travelled, this is recorded as 'more than 9 persons'. As noted earlier, if the question relating to the identity of the household members who travelled on a trip was unanswered, then that particular household was deleted from the sample.

Table 6 (Trip Proportions by Accommodation and Duration at Destination)

This table presents a cross-tabulation of trips by the type of accommodation used and the total number of nights spent at the destination. There are several cells of this table which obviously involve mutually exclusive categories. For example, if no nights were spent at the destination, then it is not possible that any overnight accommodation could have been used. These cells have been marked with a hyphen in the tables, indicating that they are not applicable.

Table 7 (Trip Proportions by Total Duration and Vehicle Type)

It should be noted that in this table the variable (total duration) represents the total number of nights spent away from home for that particular trip. This is not necessarily the same value as total nights at the main destination. In producing these results, a check was made to ensure that the total duration was at least equal to the time spent at the main destination.

Table 8 (Trip Proportions by Fares Paid and Vehicle Type)

The response to the question on the payment of fares varied considerably for those persons travelling by car. Strictly, private car travel does not involve any fares as such. However, it seems that a significant number of respondents interpret 'fares' to include vehicle operating costs. Accordingly, they recorded that these 'fares' for the use of the car were paid by the household. This is thought to explain the relatively large proportions found in this particular cell of these tables.

Table 9 (Trip Proportions by Distance and Vehicle Type)

This table gives the origin-destination distance distribution for trips included in the relevant sample. These distances have been calculated as the great-circle distances between pre-defined

population centroids of the relevant Local Government Areas (LGA's) in which the respective origins and destinations are contained. These are obviously not the true origin-destination distances, but represent a useful surrogate for the actual distance<sup>(1)</sup>.

Some of the trips are classified as 'intra-LGA' and 'less than 100 km', and this appears to be in conflict with the NTS requirement that a trip involve travel to a place 100 km or more from home. However, the tabulated distances are generally less than the actual route distances. Consequently, a number of trips which fall into the 'less than 100 km' category could in practice be greater than 100 km in length.

Similarly, the 'intra-LGA' category could involve a wide range of origin-destination (O-D) distances. Since the distance calculations are based on LGA centroids, meaningful calculations could not be made for this category. The trips in this category may have involved actual travel well in excess of 100 km, since many LGA's are sufficiently large to permit O-D distances of 100 km or more within their boundaries. Accordingly, both of the first two categories of Table 9 are included as representing bona-fide trips, even though they may at first sight not appear to fulfil the minimum distance criterion for an NTS trip.

Table 10 (Trip Proportions by Income and Vehicle Type)

This table indicates the distribution of long distance trips as a function of vehicle type and total household income. The NTS questionnaire requests details of gross household income before tax. Thus, the income variable includes wages, overtime, social

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(1) Of course, the information obtained from the forms precludes determination of actual trip distances, because no details were requested regarding the routes of each trip.

service benefits and so on. The income classifications shown in this table relate to this definition of income.

Table 11 (Trip Proportions by Destination Region and Vehicle Type)

This table presents a breakdown of main destination NTS regions by vehicle type. The twenty NTS regions which are the destinations attracting the highest proportions of trips from the area of origin are presented in this table. It should be noted that these statistics are rather less meaningful for the State, Territory and Australian aggregations than they are for individual NTS regions. Nevertheless, they are retained in the aggregate results for the sake of completeness and consistency.

## CHAPTER 4 - OTHER CONSIDERATIONS

It is not the purpose of this Paper to provide a detailed interpretation of the statistics presented. Rather, it is intended to provide a selection of recent results which may be of interest to various organisations or individuals involved in transport, tourism, or other travel-related activities. Indeed, a large amount of information is contained in these statistics. Stratification by region allows for the interpretation of inter-regional flows by mode and purpose. Detailed comment on these figures would require substantial space, which is not really warranted in a Paper of this nature. In any event, in view of the preliminary nature of these statistics, any conclusions to be drawn from them would have to be considered tentative at this stage. However, there are a number of points emerging from the results which are worth highlighting, both because they are interesting in their own right and because they add further insight into the use of the results.

Firstly, the most consistently dominant statistic concerns the use of the motor car. Travel by car far outweighs travel by all other vehicle types for non-urban travel. About 80 per cent of all measured person-trips were undertaken by car. This reflects the large private and public investment in road transport. It should be noted that in the case of the aggregate statistics for Australia, there is far less than 1 per cent relative error for this value of 80 per cent.

Another fairly comprehensive result, in aggregate terms at least, is the obvious increase in trip propensity with household income. This has implications for expansions to obtain population-level results (as explained elsewhere), as well as for forecasting future travel levels. These considerations tend to justify the collection of this type of socio-economic data<sup>(1)</sup> in surveys

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(1) It should be noted that trip propensity also increases with increasing household size. Furthermore, it is reasonable to expect a correlation between household income and household size.

of this nature. It is also evident that most non-urban travel is of a non-business nature. The incidence of recreation travel peaks during typical holiday periods will be more accurately assessed after analysis of the December quarter statistics. However, the difference between the July and August statistics is worth noting. In Australia during July, 8 per cent of the reported person-trips were holiday trips. Yet in August, the month in which most States have university and school holidays, the figure was in excess of 15 per cent. It is also noticeable that the trip length distribution for August indicates a generally higher average trip length than that for July. Yet the majority of trips are less than 200 km in length in both cases.

It is worth drawing attention to the relative errors on trip proportions, which are indicated in Table 2 of each summary. In most of the aggregate summaries presented in this Paper, these relative errors are quite small. However, they can become quite significant in the equivalent summaries for the more sparsely populated NTS regions. Appropriate caution in the use of the statistics for individual regions (which are available on microfiche) should be exercised.

Finally, it is of interest to determine the relative travel flows within and between the States and Territories, as determined from the results of the first three months of the survey. Information on this aspect is provided by the origin-destination (O-D) matrices for each month and for the September quarter. These are given in Tables 4.1 to 4.4. As with much of the data in Appendix III, these O-D matrices are expressed in terms of proportions of person-trips. In the present cases, each matrix element is an estimate of the proportion of the total number of person-trips undertaken in Australia during the particular period. Each proportion relates to the flow between a particular origin and destination (State or Territory).

TABLE 4.1 - TRIP PROPORTIONS BY ORIGIN AND DESTINATION FOR JULY 1977

Origin	Destination								Total
	ACT	NSW	VIC	QLD	SA	WA	TAS	NT	
ACT	0.000 <sup>(a)</sup>	0.019	0.001	0.000	0.000	0.000	0.000	0.000	0.021
NSW	0.026	0.318	0.021	0.027	0.002	0.001	0.000	0.000	0.395
VIC	0.001	0.022	0.234	0.014	0.012	0.003	0.002	0.002	0.290
QLD	0.001	0.023	0.003	0.104	0.000	0.000	0.000	0.000	0.130
SA	0.000	0.002	0.013	0.002	0.070	0.000	0.000	0.001	0.089
WA	0.000	0.002	0.000	0.000	0.001	0.051	0.000	0.000	0.054
TAS	0.000	0.001	0.001	0.002	0.000	0.000	0.013	0.000	0.018
NT	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.002	0.003
TOTAL	0.029	0.387	0.273	0.149	0.085	0.056	0.015	0.005	1.000

- (a) It should be noted that trips made wholly within the ACT do not satisfy the distance criterion adopted for the NTS. Hence, the value of the trip proportion for this cell in the table is zero.

TABLE 4.2 - TRIP PROPORTIONS BY ORIGIN AND DESTINATION FOR AUGUST 1977

Origin	Destination								Total
	ACT	NSW	VIC	QLD	SA	WA	TAS	NT	
ACT	0.000 <sup>(a)</sup>	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.012
NSW	0.010	0.303	0.023	0.027	0.007	0.002	0.001	0.001	0.373
VIC	0.001	0.027	0.212	0.018	0.006	0.001	0.003	0.000	0.267
QLD	0.001	0.021	0.005	0.162	0.001	0.000	0.000	0.002	0.193
SA	0.001	0.004	0.007	0.002	0.065	0.000	0.003	0.001	0.083
WA	0.000	0.003	0.001	0.000	0.002	0.039	0.000	0.000	0.046
TAS	0.000	0.003	0.002	0.001	0.000	0.000	0.019	0.000	0.024
NT	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.002
TOTAL	0.013	0.372	0.252	0.209	0.081	0.043	0.026	0.004	1.000

- (a) It should be noted that trips made wholly within the ACT do not satisfy the distance criterion adopted for the NTS. Hence, the value of the trip proportion for this cell in the table is zero.

TABLE 4.3 - TRIP PROPORTIONS BY ORIGIN AND DESTINATION FOR SEPTEMBER  
1977

Origin	Destination								Total
	ACT	NSW	VIC	QLD	SA	WA	TAS	NT	
ACT	0.000 <sup>(a)</sup>	0.016	0.002	0.003	0.001	0.000	0.000	0.000	0.022
NSW	0.010	0.329	0.024	0.033	0.008	0.002	0.001	0.002	0.408
VIC	0.001	0.034	0.218	0.016	0.008	0.002	0.002	0.001	0.283
QLD	0.000	0.017	0.002	0.107	0.000	0.001	0.001	0.000	0.129
SA	0.000	0.008	0.011	0.001	0.050	0.001	0.000	0.001	0.072
WA	0.000	0.003	0.003	0.001	0.001	0.045	0.000	0.000	0.054
TAS	0.000	0.000	0.003	0.001	0.001	0.000	0.025	0.000	0.029
NT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.003
TOTAL	0.012	0.407	0.264	0.160	0.070	0.052	0.028	0.007	1.000

(a) It should be noted that trips made wholly within the ACT do not satisfy the distance criterion adopted for the NTS. Hence, the value of the trip proportion for this cell in the table is zero.

TABLE 4.4 - TRIP PROPORTIONS BY ORIGIN AND DESTINATION FOR  
SEPTEMBER QUARTER 1977

Origin	Destination								Total
	ACT	NSW	VIC	QLD	SA	WA	TAS	NT	
ACT	0.000 <sup>(a)</sup>	0.016	0.002	0.001	0.001	0.000	0.000	0.000	0.019
NSW	0.015	0.314	0.023	0.029	0.005	0.002	0.001	0.001	0.391
VIC	0.001	0.028	0.229	0.016	0.009	0.002	0.003	0.001	0.289
QLD	0.000	0.021	0.004	0.118	0.001	0.000	0.000	0.001	0.145
SA	0.001	0.005	0.010	0.001	0.056	0.001	0.000	0.001	0.075
WA	0.000	0.003	0.002	0.000	0.001	0.046	0.000	0.000	0.053
TAS	0.000	0.001	0.002	0.001	0.000	0.000	0.020	0.000	0.025
NT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002
TOTAL	0.018	0.388	0.272	0.167	0.073	0.051	0.024	0.006	1.000

(a) It should be noted that trips made wholly within the ACT do not satisfy the distance criterion adopted for the NTS. Hence, the value of the trip proportion for this cell in the table is zero.

## EXPANSION OF THE RESULTS

As previously explained, the results presented are limited to the survey sample results. For particular purposes it is often necessary to relate the survey results to the results pertaining to the population as a whole. In the present context, the means of relating survey travel characteristics to the characteristics of the population as a whole is through the average trip generation rate and the proportion of trips<sup>(1)</sup> satisfying particular criteria. If the regional household sample has the same distribution of socio-economic characteristics<sup>(2)</sup> as the regional population, then the overall trip generation rate shown can be simply multiplied by the number of households in a region to obtain the total number of trips generated. The number of trips satisfying certain criteria<sup>(3)</sup> can then be obtained by multiplying this result by the corresponding proportion of trips satisfying these criteria as estimated from the survey. However, if the sample distribution of household characteristics differs substantially from the population distribution, more disaggregated trip generation rates are required in order to obtain an accurate estimate of trip generation for the whole population. These disaggregated trip generation rates apply to different strata of the population. Because of this, the disaggregated generation rates for the sample (stratified by household size and income) are shown separately (in Table 3 of each summary). These characteristics are likely to have a major influence on the trip-making propensity of households. If the distribution of these household characteristics is known for the regional populations, the disaggregated trip generation rates can be individually weighted to yield a more accurate estimate of the trip generation level of the population.

Further discussion on this technique can be found in Appendix V.

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- (1) As estimated from the survey sample.
  - (2) These characteristics may be expressed (for example) in terms of household income and household size. These two parameters are available from the survey.
  - (3) For example, one may require the number of trips involving travel by car and a stay at the destination of one week.

## CHAPTER 5 - CONCLUDING REMARKS

The results presented in this Paper cover only a selection of the statistics potentially available from the NTS. It is neither warranted nor feasible to present the information expressed in all of the ways which may be useful to all potential users. However, the BTE is presently preparing a comprehensive edited data base which will contain all the NTS information. It is intended that this data base will be used for internal BTE projects and it could also be available to other official organisations with appropriate interests in the information it contains.

One of the unfortunate aspects of most large scale surveys is the delay in producing usable data. In publishing these preliminary results, the BTE has aimed at minimising this delay between measurement and publication. Further quarterly results will be published as soon as possible in a format similar to that of this Paper. Finally-adjusted results will be produced after the conclusion of the operational phase of the NTS.

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## APPENDIX I - DESCRIPTION OF NTS REGIONS

Table I.1 presents a list of the 64 NTS regions which were devised for this study (Aplin and Hirsch, 1978). The regions are listed by State and Territory and the region name and number have been included. In addition, an estimate of the population of each region is provided, together with approximate population centroid co-ordinates.

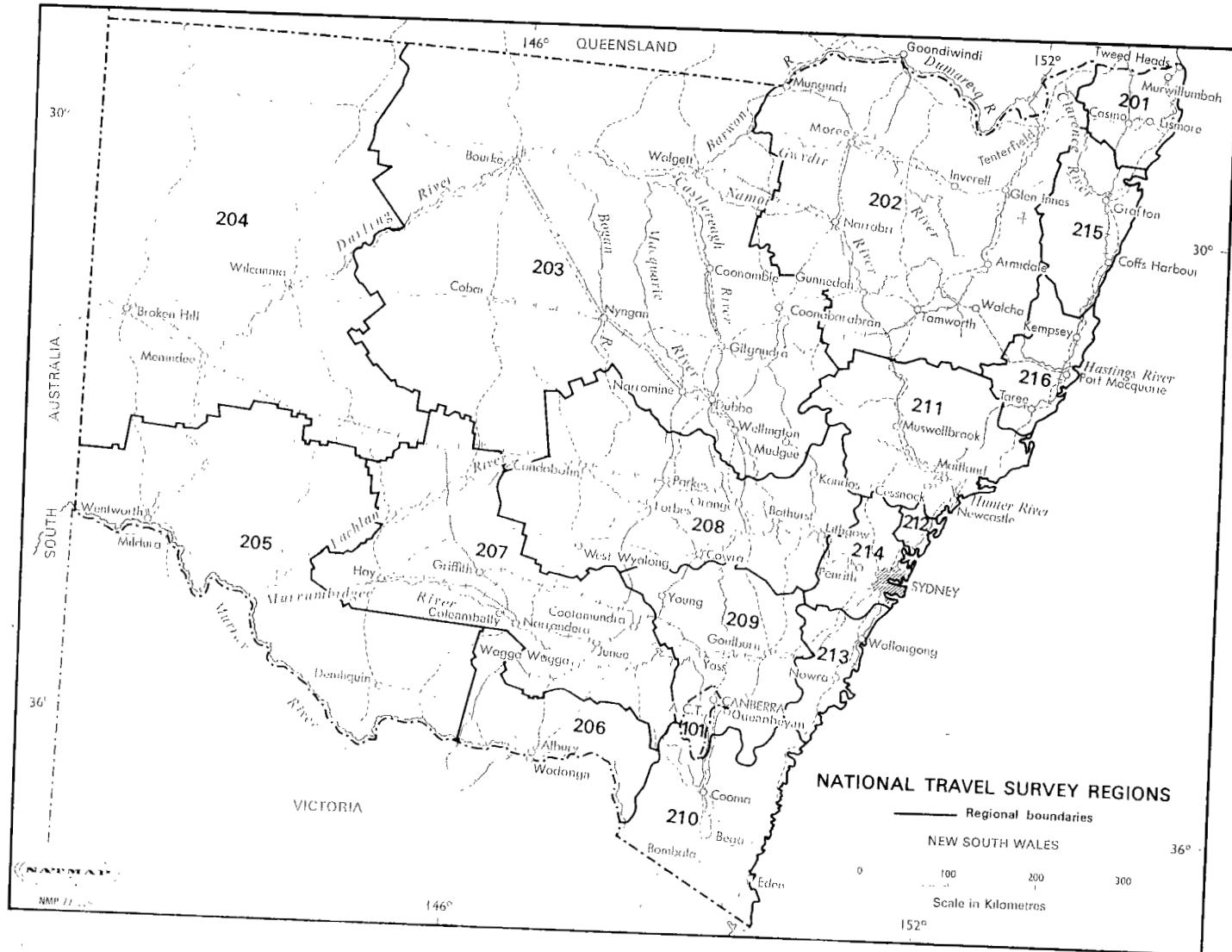
Maps showing the boundaries of the NTS regions are included in this Appendix.

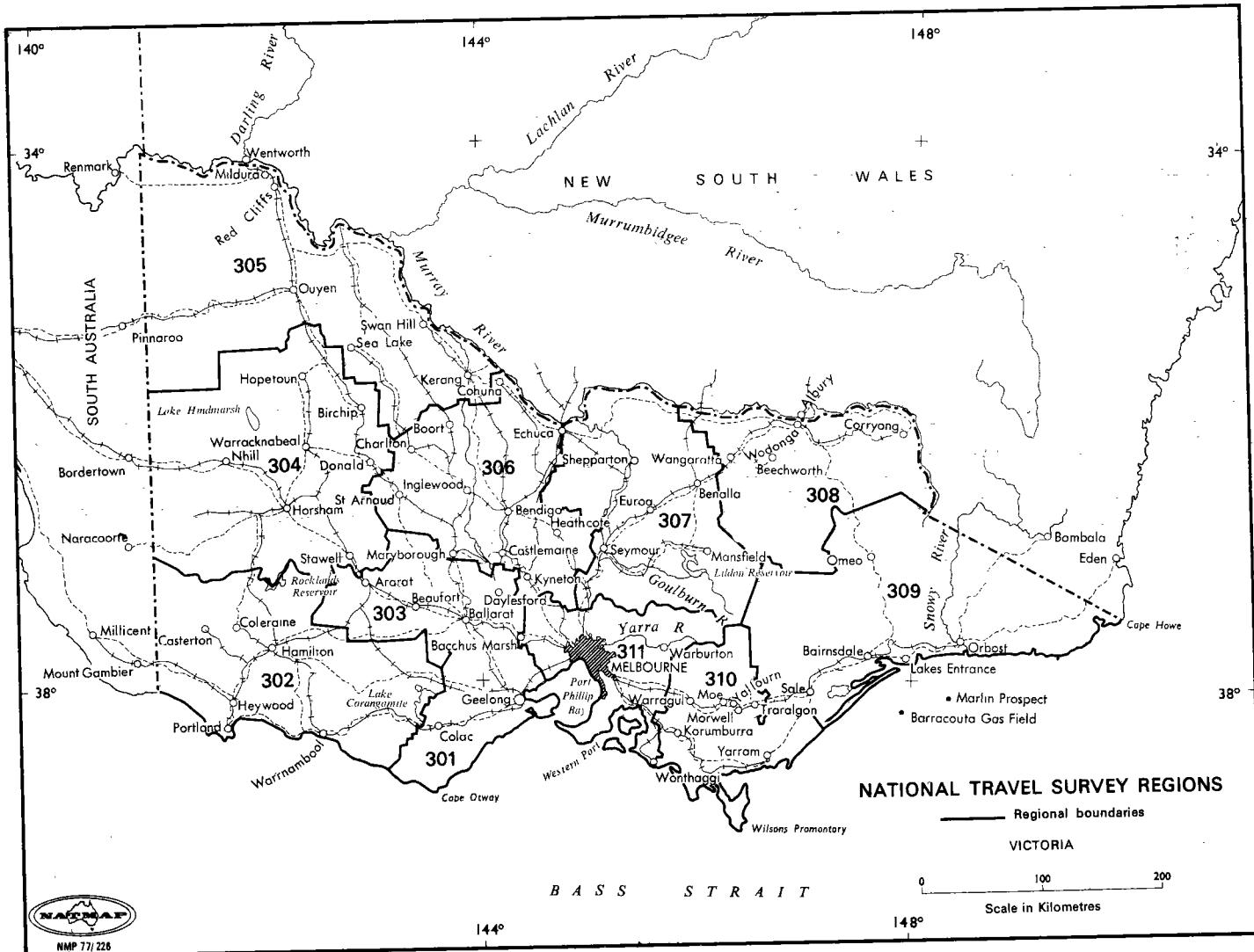
TABLE I.1 - DETAILS OF NTS REGIONS

State or Territory	Region Name	Region Number	Population <sup>(a)</sup>	Co-ordinates of Centroid <sup>(b)</sup>	
				Latitude	Longitude
ACT	Australian Capital Territory	101	196 891	35.25° S	149.25° E
NSW	Lismore	201	106 169	28.67° S	153.08° E
	Armidale	202	206 721	30.10° S	150.75° E
	Dubbo	203	98 989	30.75° S	148.00° E
	Broken Hill	204	32 382	31.67° S	142.25° E
	Deniliquin	205	36 537	35.50° S	147.33° E
	Albury	206	54 437	35.00° S	144.00° E
	Wagga	207	134 724	34.67° S	147.42° E
	Bathurst	208	152 915	33.50° S	149.33° E
	Goulburn	209	80 706	35.00° S	149.17° E
	Cooma	210	47 199	36.33° S	149.50° E
	Newcastle	211	392 405	32.67° S	150.90° E
	Gosford	212	120 749	33.40° S	151.50° E
	Wollongong	213	270 175	34.75° S	150.80° E
	Sydney	214	2 901 550	33.75° S	151.00° E
	Grafton	215	100 683	31.50° S	153.75° E
Victoria	Taree	216	71 632	29.80° S	153.25° E
	Geelong	301	181 040	38.25° S	144.20° E
	Warrnambool	302	95 779	38.25° S	142.50° E
	Ballarat	303	103 455	37.50° S	143.75° E
	Horsham	304	54 454	36.60° S	142.40° E
	Mildura	305	68 605	34.80° S	143.00° E
	Bendigo	306	130 133	36.60° S	144.50° E
	Shepparton	307	120 724	36.50° S	154.60° E
	Wangaratta	308	72 200	36.40° S	146.70° E
	Sale	309	56 511	37.85° S	147.60° E
	Moe	310	113 269	38.30° S	146.30° E
	Melbourne	311	2 648 677	38.00° S	145.00° E
Queensland	Brisbane	401	696 719	27.50° S	153.20° E
	Gold Coast	402	310 086	27.80° S	153.00° E
	Nambour	403	164 094	26.80° S	152.85° E
	Bundaberg	404	152 084	25.25° S	152.58° E
	Rockhampton	405	126 381	23.75° S	150.92° E
	Mackay	406	77 025	21.34° S	149.00° E
	Townsville	407	145 444	19.50° S	146.80° E
	Cairns	408	124 636	17.32° S	147.75° E
	Mount Isa	409	41 057	20.75° S	140.00° E
	Longreach	410	14 063	23.92° S	145.00° E
	Roma	411	27 876	27.42° S	148.25° E
	Toowoomba	412	155 309	27.50° S	151.65° E
South Australia	Adelaide	501	902 950	34.92° S	138.83° E
	Port Lincoln	502	31 923	34.25° S	134.92° E
	Kadina	503	21 561	34.17° S	137.92° E
	Whyalla	504	82 708	32.58° S	137.83° E
	Gawler	505	38 499	34.25° S	138.67° E
	Victor Harbour	506	34 904	35.42° S	138.42° E
	Murray Bridge	507	58 582	35.00° S	139.42° E
	Mount Gambier	508	57 697	35.55° S	139.42° E
	Woomera	509	14 954	29.50° S	135.70° E
Western Australia	Albany	601	63 347	33.42° S	118.17° E
	Bunbury	602	68 334	33.83° S	116.00° E
	Kalgoorlie	603	21 561	30.30° S	122.00° E
	Northam	604	39 559	31.25° S	117.00° E
	Port Hedland	605	38 678	20.50° S	117.00° E
	Derby	606	15 130	15.75° S	125.00° E
	Geraldton	607	45 106	29.50° S	115.50° E
	Perth	608	818 820	32.17° S	115.92° E
Tasmania	Carnarvon	609	13 986	24.00° S	117.58° E
	Hobart	701	191 293	42.75° S	147.25° E
	Burnie	702	88 852	41.17° S	146.00° E
	Launceston	703	109 560	41.42° S	147.00° E
Northern Territory	Queenstown	704	12 564	41.83° S	145.50° E
	Darwin	801	71 737	14.00° S	133.00° E
	Alice Springs	802	24 785	23.40° S	133.50° E

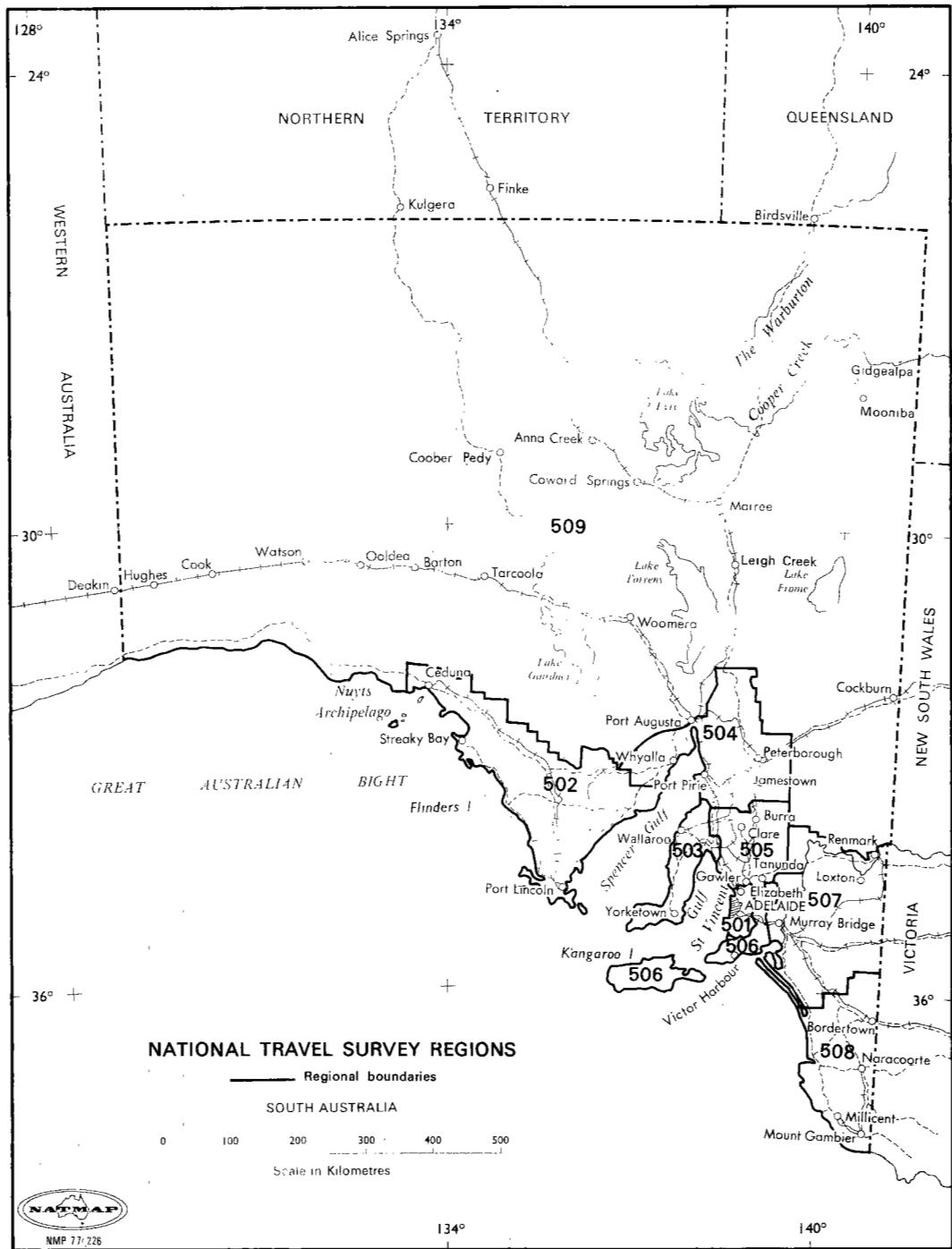
(a) These population figures were obtained from the Census of Population and Housing conducted by the Australian Bureau of Statistics on 30 June 1976.

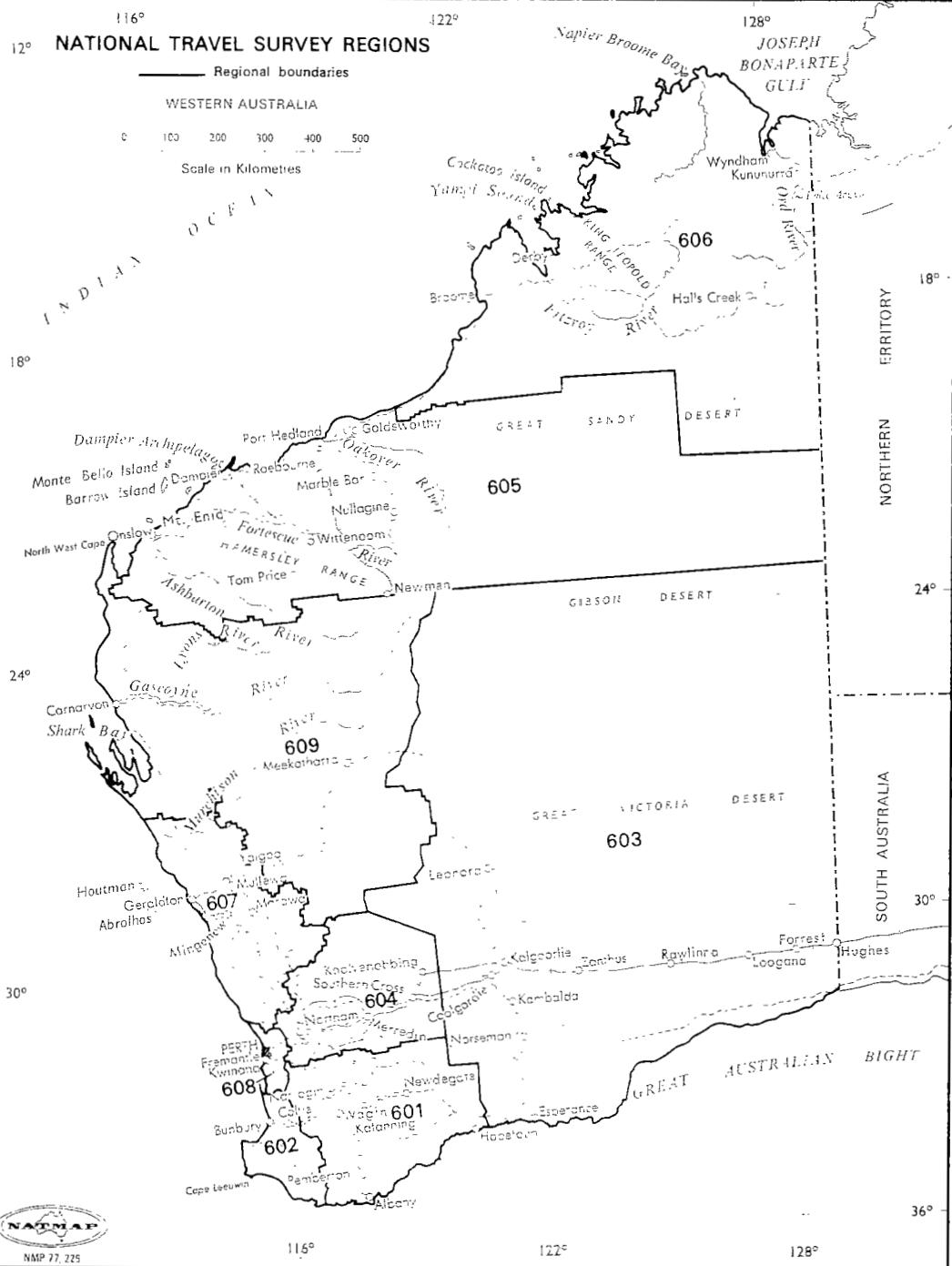
(b) The co-ordinates of NTS region centroids are estimates obtained after detailed examination of the relevant maps, together with a knowledge of the population centres in each region.

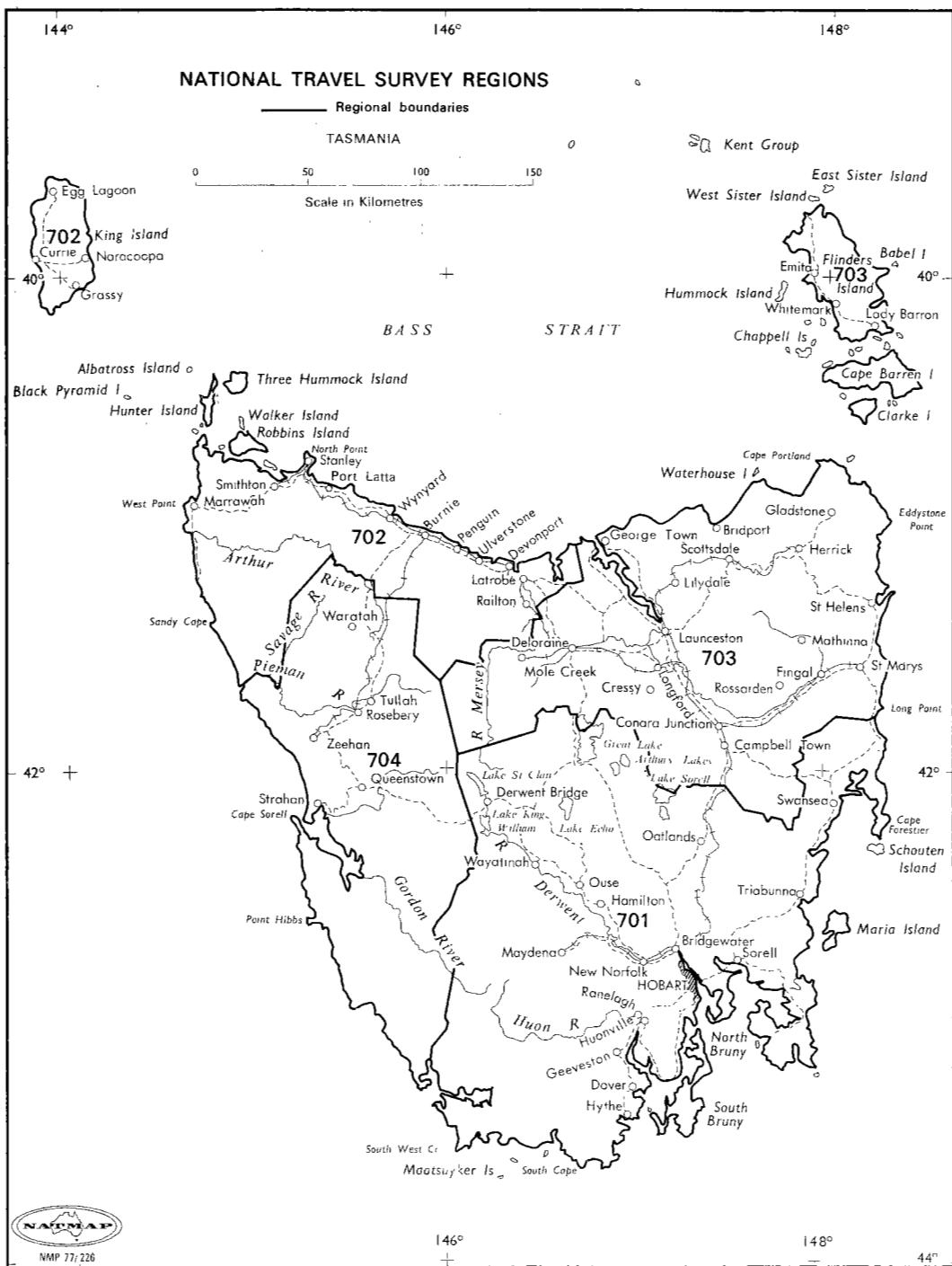


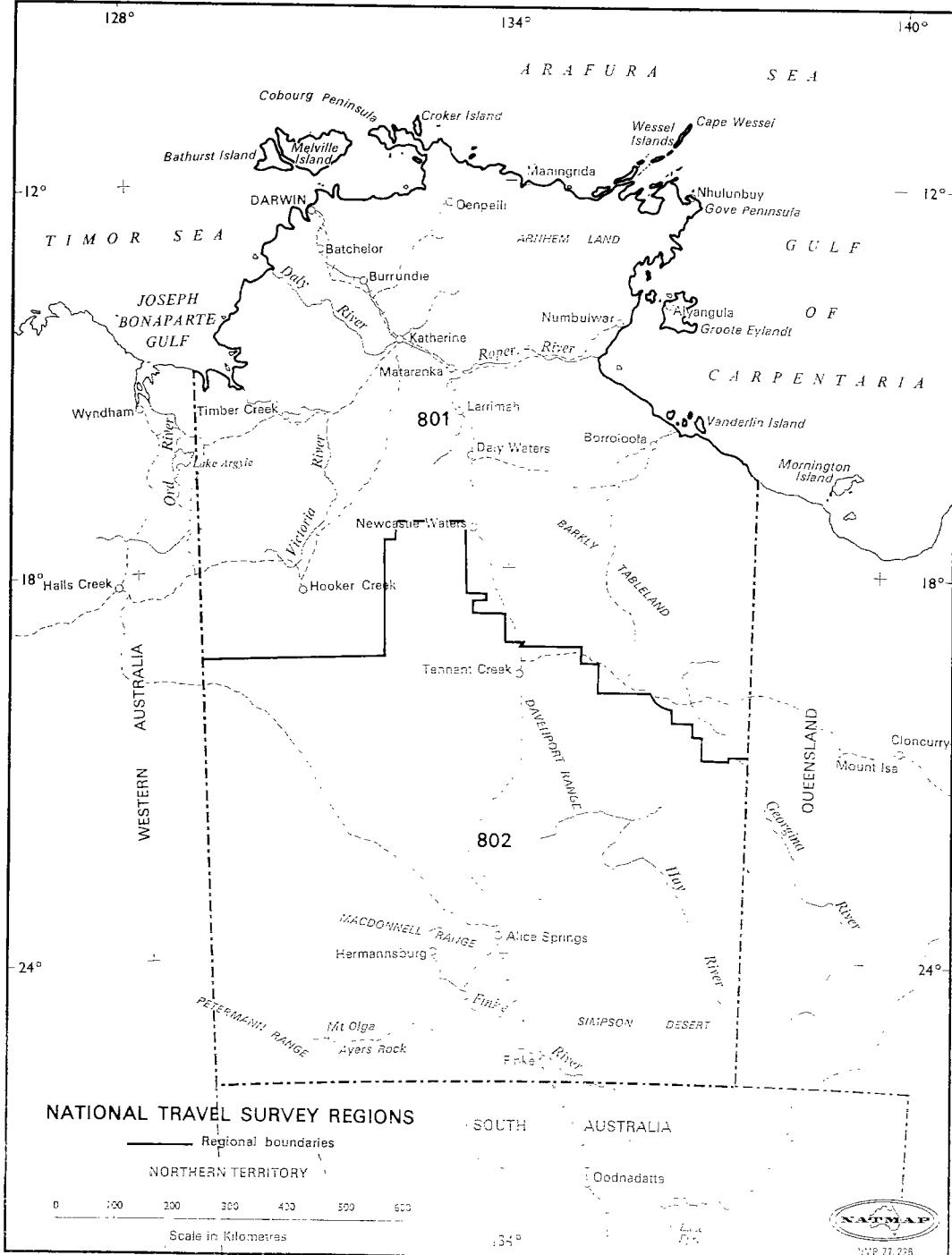












## APPENDIX II - QUESTIONNAIRE FORM

A sample of the questionnaire used in the NTS is contained in this Appendix. The sample shown here is for the month of September. Similar forms are used for the other months of the survey, the month being changed appropriately on the questionnaire.

The form is divided into four sections, as follows:

- SECTION I, which requests personal details of each member of the household;
- SECTION II, which requests details of trips ending in the survey month;
- SECTION III, which requests household details;
- SECTION IV, which invites respondents to make comments on travel within Australia.

On the first page of the form in the lower right hand corner, there is a box marked 'Office Use Only'. There are four codes entered in this box which provide identification of the sample address. Referring to the box in question, the codes are as follows:

- Code 'A' is the Australian Government Region (AGR) number which relates to the sample address;
- Code 'N' is the relevant NTS region number;
- Code 'L' is the relevant Local Government Area (LGA) number;
- Code 'C' is a unique sequence number for the particular sample address.

Although a covering letter was sent with each form, all the necessary instructions required to complete the questionnaire are contained within the form itself.



BUREAU OF TRANSPORT ECONOMICS  
NATIONAL TRAVEL SURVEY 1977/78

**CONFIDENTIAL**  
REPLY WILL ONLY BE SEEN BY  
AUTHORISED BTE REPRESENTATIVES

<b>Section III</b> <b>HOUSEHOLD DETAILS</b>		<b>DIRECTIONS—these details relate to the household as a whole</b> <ul style="list-style-type: none"> <li>• When answering the motor vehicles question, include company cars and other vehicles which are not owned by members of the household, but which are regularly available to at least one of them</li> <li>• When answering the income question, give only the <b>combined</b> income for the whole household</li> <li>— include income from all sources (wages, overtime, child endowment, pensions, etc.)</li> <li>— <b>do not deduct</b> tax, superannuation etc.</li> </ul>	
<b>A. How many motor vehicles are available for use by members of this household?</b> <small>Refer to the notes at the top of this Section. If no vehicles in a particular class are available, write "0" for that class.</small>		Cars (including station wagons)	Motor cycles
		Utilities and light trucks	Other vehicles
<b>B. What is the combined income of members of the household?</b> <small>Refer to the notes at the top of this Section, and tick one box only</small> <small>Both weekly and equivalent yearly incomes are shown to assist you in choosing the correct box</small>		<input type="checkbox"/> Less than \$39 per week <input type="checkbox"/> Less than \$2000 per year <input type="checkbox"/> Over \$39 to \$77 per week <input type="checkbox"/> Over \$2000 to \$4000 per year <input type="checkbox"/> Over \$77 to \$115 per week <input type="checkbox"/> Over \$4000 to \$6000 per year <input type="checkbox"/> Over \$115 to \$154 per week <input type="checkbox"/> Over \$6000 to \$8000 per year <input type="checkbox"/> Over \$154 to \$192 per week <input type="checkbox"/> Over \$8000 to \$10000 per year	
		<input type="checkbox"/> Over \$192 to \$288 per week <input type="checkbox"/> Over \$10000 to \$15000 per year <input type="checkbox"/> Over \$288 to \$385 per week <input type="checkbox"/> Over \$20000 to \$20000 per year <input type="checkbox"/> Over \$385 to \$481 per week <input type="checkbox"/> Over \$40000 to \$25000 per year <input type="checkbox"/> Over \$481 to \$577 per week <input type="checkbox"/> Over \$25000 to \$30000 per year <input type="checkbox"/> Over \$577 per week <input type="checkbox"/> Over \$30000 per year	
<b>Section IV</b> <b>COMMENTS</b>		<b>INSTRUCTIONS</b> <ul style="list-style-type: none"> <li>• Please write down any additional information you consider useful for adequately describing recent long-distance travel by members of the household. In particular, indicate if the type of travel you recorded in Section II is unusual in any way (e.g. travel on a working holiday)</li> <li>• Please write any general comments you have on travel in Australia.</li> <li>• If space is insufficient, enclose a separate sheet of paper.</li> </ul>	
<p style="text-align: center;">THANK YOU FOR YOUR CO-OPERATION</p>			

<b>Section I</b> <b>PERSONAL DETAILS</b>		<b>DIRECTIONS</b> <ul style="list-style-type: none"> <li>• The members of this household are regarded as those persons usually living and eating together here as a domestic unit. A person living alone is also a household</li> <li>• Please complete the following details for <b>each person</b> who is a member of this household <b>include children</b></li> <li>• Answer the 'Occupation' question only for those people employed full or part time</li> </ul>	
PERSON	SEX	MARITAL STATUS	MAJOR ACTIVITY <small>Tick one box for each person</small>
1	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
2	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
3	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
4	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
5	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
6	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
7	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
8	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner
9	<input type="checkbox"/> Male	<input type="checkbox"/> Never married	<input type="checkbox"/> Employed Full-time <input type="checkbox"/> Student
	<input type="checkbox"/> Female	<input type="checkbox"/> Now married <input type="checkbox"/> Widowed <input type="checkbox"/> Other	<input type="checkbox"/> Employed Part-time <input type="checkbox"/> Home-duties <input type="checkbox"/> Looking for work <input type="checkbox"/> Other <input type="checkbox"/> Retired, Pensioner

THE HOUSEHOLDER,  
FLAT 1  
2 SMITH ST  
JONESTOWN 2372.

A	202
N	202
L	2157
C	0000R

Office  
Use  
Only

SEPTEMBER 1977

PLEASE RETURN THIS FORM WITHIN SEVEN DAYS.

<b>Section II</b>  <b>DETAILS OF TRIPS ENDING IN SEPTEMBER 1977 ONLY</b>	<b>DIRECTIONS—please read carefully before filling in trip details</b>											
	<ul style="list-style-type: none"> <li>• An 'trip' is defined as a journey wholly within Australia by one or more members of this household. A trip starts and finishes at home.</li> <li>• Do not include trips made as a crew-member on a bus, train, aircraft or ship. However, trips made as the driver of a commercial motor vehicle (except a bus) should be included.</li> <li>• Do not include trips involving travel to or from work.</li> <li>• Include only trips which involved travel to at least one place 100km (60 miles) or more from home.</li> <li>• Include only trips which ended (at home) during SEPTEMBER 1977, regardless of when they started.</li> <li>• Complete a trip column for each trip (by one or more members of this household) which follows the rules given above. In some cases, several members of this household may have travelled together for part of the trip, but some of them may have separated from the party (for example, to visit friends). In such cases, record each group as making a separate trip. This should only be done in the case of a substantial separation (not for instance, if one group only visits a local beach, etc.).</li> <li>• When recording details of transport methods and payment of fares, do not include the following: —Local transport such as city/trains, buses or taxis; —Transport to and from airports, railway stations and so on; —River crossings by car ferries.</li> </ul> <p><b>IF NO ONE IN THIS HOUSEHOLD MADE A TRIP DURING THESE CONDITIONS PLEASE TICK THIS BOX AND GO TO SECTION III</b></p>											
<b>A. What was the destination of the trip?</b> <small>If more than one place was visited, record the name of the place regarded as the main destination</small>		<b>TRIP 1</b>		<b>TRIP 2</b>		<b>TRIP 3</b>		<b>TRIP 4</b>		<b>TRIP 5</b>		
		City/Town	State	City/Town	State	City/Town	State	City/Town	State	City/Town	State	
<b>B. How many nights were spent there?</b>		Number of nights Nights	If no nights were spent there, write '0' and go to item D.	Number of nights Nights	If no nights were spent there, write '0' and go to item D.	Number of nights Nights	If no nights were spent there, write '0' and go to item D.	Number of nights Nights	If no nights were spent there, write '0' and go to item D.	Number of nights Nights	If no nights were spent there, write '0' and go to item D.	
<b>C. What types of accommodation were used during the time spent there?</b> <small>Tick one box for each type of accommodation used.</small>		<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other	<input type="checkbox"/> Hotel or motel <input type="checkbox"/> Friends' or relatives' home <input type="checkbox"/> Caravan, campervan or tent <input type="checkbox"/> Other			
<b>D. What were the reasons for making the trip as a whole?</b> <small>Tick one box for each reason. If you have ticked more than one box, circle the box you ticked which gives the main reason for going to the place you wrote in item A. above.</small>		<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other	<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other	<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other	<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other	<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other	<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other	<input type="checkbox"/> Deliver freight or goods <input type="checkbox"/> Other business <input type="checkbox"/> Visit friends or relatives <input type="checkbox"/> Sightseeing or recreation <input type="checkbox"/> Holiday <input type="checkbox"/> Personal or family affairs <input type="checkbox"/> Other				
<b>E. During the trip, which place visited was furthest from home?</b>		City/Town	State	City/Town	State	City/Town	State	City/Town	State	City/Town	State	
<b>F. What were the main methods of transport used during the trip?</b> <small>Please refer to the notes at the top of this section and tick one box for each method of transport used. If you have ticked more than one box, circle the box you ticked which gives the method of transport used to travel the greatest distance.</small>		<input type="checkbox"/> Aeroplane <input type="checkbox"/> Bus/Coach <input type="checkbox"/> Car <input type="checkbox"/> Truck	<input type="checkbox"/> Motorcycle <input type="checkbox"/> Ship/Boat <input type="checkbox"/> Train <input type="checkbox"/> Other	<input type="checkbox"/> Aeroplane <input type="checkbox"/> Bus/Coach <input type="checkbox"/> Car <input type="checkbox"/> Truck	<input type="checkbox"/> Motorcycle <input type="checkbox"/> Ship/Boat <input type="checkbox"/> Train <input type="checkbox"/> Other	<input type="checkbox"/> Aeroplane <input type="checkbox"/> Bus/Coach <input type="checkbox"/> Car <input type="checkbox"/> Truck	<input type="checkbox"/> Motorcycle <input type="checkbox"/> Ship/Boat <input type="checkbox"/> Train <input type="checkbox"/> Other	<input type="checkbox"/> Aeroplane <input type="checkbox"/> Bus/Coach <input type="checkbox"/> Car <input type="checkbox"/> Truck	<input type="checkbox"/> Motorcycle <input type="checkbox"/> Ship/Boat <input type="checkbox"/> Train <input type="checkbox"/> Other	<input type="checkbox"/> Aeroplane <input type="checkbox"/> Bus/Coach <input type="checkbox"/> Car <input type="checkbox"/> Truck		
<b>G. Which members of this household went on this trip?</b> <small>Please tick numbers corresponding to those used to identify individual household members in Section I</small>		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9			
<b>H. When did the trip end, and how many nights were spent away from home?</b>		Nights Date ended	Nights Date ended	Nights Date ended								
<b>I. Who paid for any fares related to the trip?</b> <small>Please refer to the notes at the top of this section and tick the appropriate box or boxes.</small>		<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other	<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other	<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other	<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other	<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other	<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other	<input type="checkbox"/> No fares involved <input type="checkbox"/> Household member(s) <input type="checkbox"/> Employer's or own business <input type="checkbox"/> Other				
<b>J. How many OTHER trips identical to this one (except for the date) ended during the month?</b> <small>Please do not fill in a trip column for these other identical trips.</small>		Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'	Number of other identical trips made, write '0'		
<p><b>Please use the space provided in Section IV to record any further important or unusual details of these trips.</b></p>												
<p><b>PLEASE TURN OVER</b></p>												

### APPENDIX III - PRESENTATION OF PRELIMINARY STATISTICS

This Appendix presents four sets of statistical summaries of NTS results. The first set deals with results for July 1977, and subsequent sets deal with August and September, respectively. The final set covers results for the September quarter 1977 as a whole. Within each set, summaries are presented for various geographic areas in the order shown below:

- . Australian Capital Territory (ACT);
- . New South Wales (NSW);
- . Victoria (VIC);
- . Queensland (QLD);
- . South Australia (SA);
- . Western Australia (WA);
- . Tasmania (TAS);
- . Northern Territory (NT);
- . Australia as a whole.

Each summary consists of four pages of tabulations and associated information. The time-period and area to which the summary relates are identified on each page. The first part of each summary consists of a brief indication of the survey performance obtained in the appropriate time-period and geographic area. The number of trips sampled and the estimated trip generation rate are also shown for each case. The remainder of each summary consists of eleven tables, the details of which have been given in Chapter 3.

In the case of the results for the September quarter as a whole, trip generation rates are still expressed in terms of person-trips per household per month, as they were in the results for each of the individual months. The statistical summaries applying to the September quarter were obtained simply by pooling the samples from each of the three individual months.

There are a number of points which should be noted in relation to these results. Firstly, a number of values for relative errors are indicated as '0.000\*'. In these instances, the relative error is indeterminate since the relevant sample size did not exceed one unit.

Certain values of estimated trip generation rates stratified by household characteristics are shown as '9.999+'. This indicates that these estimated values are in excess of 9.999 trips per household per month for a particular category of households. This generally occurs with household categories represented by very small samples. A further point is that no accommodation can be applicable to journeys not involving an overnight stay at the destination. Hyphens are used to indicate this in Table 6 of each statistical summary.

In Table 9 of each statistical summary, the term 'Intra-LGA' is used to indicate trips recorded as having been made within a single Local Government Area (LGA). Since the trip distances in these results are calculated using population centroids of LGA's as reference points, trip distances cannot be estimated for such trips.

BUREAU OF TRANSPORT ECONOMICS  
NATIONAL TRAVEL SURVEY 1977/78  
PRELIMINARY STATISTICAL SUMMARY

**AUSTRALIAN CAPITAL TERRITORY**  
**JULY 1977**  
**TRIPS IN SAMPLE ... 100**

## **PERFORMANCE SUMMARY**

FORMS MAILED . . . . .	102
NOT DELIVERED . . . . .	1
NET DISTRIBUTION . . . . .	101
 TOTAL RETURNS . . . . .	53
UNUSABLE RETURNS . . . . .	1
NET RETURNS . . . . .	52
 RESPONSE RATE . . . . .	0.51

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE . . . .	100
EFFECTIVE H'HOLES . . . .	51
GENERATION RATE . . . .	1.961
RELATIVE ERROR . . . .	0.224

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION	0.038	0.442		0.346	0.115	0.038	0.000	0.019	
RELATIVE ERROR	0.700	0.157		0.192	0.388	0.700	0.000*	1.000	/

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.000	0.704	0.571	0.492	0.438	0.398	0.366	0.341	0.320	0.302	0.201	0.154	0.123	0.101	0.082	0.066

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE										NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9	OVER 9				
\$0-2000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010	1.000	0.000
\$2001-4000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.080	2.000	1.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$8001-10000	0.000	0.020	0.090	0.010	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.160	2.286	0.247
\$10001-15000	0.000	0.180	0.000	0.010	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.240	1.714	0.439
\$15001-20000	0.000	0.000	0.200	0.020	0.130	0.010	0.000	0.000	0.000	0.000	0.000	0.360	2.769	0.481
\$20001-25000	0.000	0.000	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.050	1.250	1.000
\$25001-30000	0.000	0.020	0.000	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.050	1.667	0.200
OVER \$30000	0.000	0.000	0.010	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	2.500	0.600
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.010	0.220	0.380	0.100	0.270	0.020	0.000	0.000	0.000	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.200	2.000	4.222	0.833	2.700	0.500	0.000	0.000	0.000	0.000	0.000			
RELATIVE ERROR	1.000	0.432	0.394	0.439	0.387	0.577	0.000*	0.000*	0.000*	0.000*	0.000*			

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AUSTRALIAN CAPITAL TERRITORY  
 JULY 1977  
 TRIPS IN SAMPLE ... 100

TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
OTHER BUSINESS	0.100	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.200
VISITING FRIENDS	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.250
RECREATION	0.000	0.010	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.210
HOLIDAY	0.000	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.070
PERSONAL AFFAIRS	0.010	0.000	0.230	0.000	0.000	0.000	0.000	0.000	0.000	0.240
OTHER	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.020
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.090	0.010	0.210	0.000	0.000	0.000	0.000	0.000	0.000	0.310
2 PERSONS	0.020	0.000	0.260	0.000	0.000	0.000	0.000	0.000	0.000	0.280
3 PERSONS	0.000	0.000	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.270
4 PERSONS	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.040
5 PERSONS	0.000	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.100
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.030	0.010	0.140	0.030	0.000	0.000	0.000	0.210
FRIENDS HOME	-	0.050	0.240	0.080	0.030	0.000	0.000	0.000	0.400
CARAVAN/TENT	-	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.020
OTHER	-	0.000	0.010	0.020	0.010	0.000	0.000	0.000	0.040
NOT STATED	0.330	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.330
TOTAL	0.330	0.080	0.280	0.240	0.070	0.000	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.030	0.010	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.310
1	0.010	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.080
2	0.010	0.000	0.260	0.000	0.000	0.000	0.000	0.000	0.000	0.270
3-7	0.050	0.000	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.230
8-14	0.010	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.100
15-28	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
29-56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.030	0.000	0.420	0.000	0.000	0.000	0.000	0.000	0.000	0.450
HOUSEHOLD	0.010	0.010	0.370	0.000	0.000	0.000	0.000	0.000	0.000	0.390
EMPLOYER	0.070	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.130
OTHER	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.030
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0-100	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.120
101-150	0.000	0.010	0.240	0.000	0.000	0.000	0.000	0.000	0.000	0.250
151-200	0.000	0.000	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.180
201-300	0.070	0.000	0.230	0.000	0.000	0.000	0.000	0.000	0.000	0.300
301-400	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.040
401-600	0.020	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.060
601-800	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
801-1000	0.020	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.030
OVER 1000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
\$2001-4000	0.000	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.080
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$8001-10000	0.040	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.160
\$10001-15000	0.000	0.000	0.240	0.000	0.000	0.000	0.000	0.000	0.000	0.240
\$15001-20000	0.050	0.010	0.300	0.000	0.000	0.000	0.000	0.000	0.000	0.360
\$20001-25000	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.050
\$25001-30000	0.010	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.050
OVER \$30000	0.010	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.050
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 210	0.000	0.010	0.270	0.000	0.000	0.000	0.000	0.000	0.000	0.280
REGION 214	0.070	0.000	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.250
REGION 209	0.000	0.000	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.120
REGION 213	0.000	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.090
REGION 207	0.000	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.070
REGION 311	0.020	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.060
REGION 208	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.040
REGION 211	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.040
REGION 203	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 401	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 501	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 509	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 701	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 212	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.110	0.010	0.880	0.000	0.000	0.000	0.000	0.000	0.000	1.000

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## PERFORMANCE SUMMARY

FORMS MAILED .....	2508
NOT DELIVERED .....	72
NET DISTRIBUTION ....	2436
TOTAL RETURNS .....	1125
UNUSABLE RETURNS ...	28
NET RETURNS .....	1097
RESPONSE RATE .....	0.45

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1962
EFFECTIVE H'HOLDS .....	1076
GENERATION RATE .....	1.435
RELATIVE ERROR .....	0.081

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.130	0.484	0.239	0.073	0.014	0.030	0.030	1.000
RELATIVE ERROR		0.0110	0.043	0.072	0.140	0.277	0.222	0.238	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.225	0.158	0.128	0.111	0.098	0.089	0.082	0.077	0.072	0.068	0.045	0.034	0.028	0.023	0.018	0.015

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.018	1.000	0.718	
\$2001-4000	0.016	0.014	0.002	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.035	0.846	0.249	
\$4001-6000	0.003	0.051	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.066	0.981	0.214	
\$6001-8000	0.004	0.031	0.008	0.022	0.010	0.010	0.000	0.000	0.000	0.000	0.085	1.719	0.170	
\$8001-10000	0.012	0.025	0.034	0.035	0.004	0.000	0.008	0.000	0.000	0.000	0.118	1.930	0.158	
\$10001-15000	0.004	0.039	0.034	0.070	0.040	0.000	0.001	0.007	0.003	0.000	0.004	0.203	2.391	0.156
\$15001-20000	0.000	0.031	0.074	0.038	0.038	0.010	0.017	0.000	0.000	0.000	0.000	0.208	2.254	0.160
\$20001-25000	0.000	0.032	0.011	0.027	0.034	0.018	0.003	0.000	0.000	0.000	0.000	0.125	2.304	0.223
\$25001-30000	0.000	0.001	0.009	0.002	0.038	0.010	0.000	0.002	0.000	0.000	0.000	0.061	2.381	0.351
OVER \$30000	0.002	0.006	0.006	0.009	0.004	0.000	0.000	0.000	0.000	0.000	0.027	2.167	0.228	
NOT STATED	0.005	0.013	0.001	0.007	0.017	0.000	0.008	0.000	0.002	0.000	0.052	1.816	0.246	
TOTAL	0.048	0.244	0.189	0.228	0.187	0.049	0.038	0.009	0.005	0.000	0.004	1.000		
AVE TRIPS/H'HOLD	0.592	1.322	1.963	2.495	3.354	1.773	4.692	4.000	3.200	0.000	3.111			
RELATIVE ERROR	0.179	0.100	0.134	0.119	0.211	0.359	0.435	0.530	0.680	0.000*	0.749			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.001	0.005	0.055	0.000	0.000	0.000	0.000	0.000	0.061
OTHER BUSINESS	0.016	0.000	0.105	0.003	0.000	0.000	0.028	0.000	0.000	0.152
VISITING FRIENDS	0.005	0.001	0.261	0.001	0.000	0.000	0.029	0.000	0.014	0.311
RECREATION	0.001	0.016	0.183	0.000	0.000	0.000	0.004	0.000	0.001	0.205
HOLIDAY	0.004	0.003	0.067	0.000	0.000	0.003	0.005	0.000	0.000	0.082
PERSONAL AFFAIRS	0.001	0.000	0.096	0.001	0.000	0.000	0.010	0.000	0.000	0.109
OTHER	0.000	0.005	0.067	0.001	0.000	0.000	0.002	0.000	0.002	0.076
NOT STATED	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.023	0.015	0.197	0.055	0.000	0.000	0.048	0.000	0.002	0.340
2 PERSONS	0.003	0.005	0.199	0.003	0.000	0.003	0.030	0.000	0.000	0.243
3 PERSONS	0.000	0.000	0.149	0.003	0.000	0.000	0.000	0.000	0.000	0.152
4 PERSONS	0.001	0.007	0.088	0.000	0.000	0.000	0.000	0.000	0.001	0.097
5 PERSONS	0.000	0.000	0.113	0.000	0.000	0.000	0.001	0.000	0.000	0.113
6 PERSONS	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.014	0.050
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)									TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	NOT STATED	
HOTEL/MOTEL	-	0.046	0.038	0.032	0.004	0.005	0.000	0.000	0.000	0.125
FRIENDS HOME	-	0.081	0.121	0.066	0.026	0.009	0.001	0.001	0.000	0.306
CARAVAN/TENT	-	0.017	0.030	0.017	0.000	0.007	0.000	0.000	0.000	0.071
OTHER	-	0.013	0.019	0.035	0.004	0.002	0.000	0.000	0.001	0.074
NOT STATED	0.414	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.009	0.425
TOTAL	0.414	0.158	0.209	0.150	0.034	0.022	0.002	0.001	0.010	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.001	0.010	0.307	0.044	0.000	0.000	0.013	0.000	0.015	0.390
1	0.007	0.002	0.118	0.010	0.000	0.000	0.018	0.000	0.000	0.156
2	0.005	0.011	0.173	0.001	0.000	0.000	0.021	0.000	0.000	0.211
3-7	0.009	0.004	0.111	0.002	0.000	0.000	0.019	0.000	0.002	0.148
8-14	0.002	0.000	0.038	0.000	0.000	0.000	0.003	0.000	0.000	0.046
15-28	0.002	0.000	0.081	0.000	0.000	0.000	0.003	0.000	0.000	0.035
29-56	0.000	0.001	0.002	0.000	0.000	0.000	0.001	0.000	0.000	0.003
OVER 56	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002
NOT STATED	0.000	0.000	0.005	0.004	0.000	0.000	0.001	0.000	0.000	0.010
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.000	0.002	0.462	0.014	0.000	0.000	0.003	0.000	0.015	0.497
HOUSEHOLD	0.010	0.021	0.220	0.001	0.000	0.003	0.059	0.000	0.001	0.315
EMPLOYER	0.015	0.003	0.050	0.045	0.000	0.000	0.001	0.000	0.000	0.114
OTHER	0.001	0.001	0.010	0.000	0.000	0.000	0.013	0.000	0.000	0.024
NOT STATED	0.000	0.000	0.046	0.001	0.000	0.000	0.002	0.000	0.000	0.049
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.021
0-100	0.000	0.003	0.247	0.009	0.000	0.000	0.030	0.000	0.015	0.305
101-150	0.001	0.005	0.212	0.023	0.000	0.000	0.026	0.000	0.001	0.268
151-200	0.000	0.000	0.076	0.003	0.000	0.000	0.000	0.000	0.000	0.079
201-300	0.003	0.006	0.083	0.019	0.000	0.000	0.012	0.000	0.000	0.123
301-400	0.001	0.008	0.059	0.005	0.000	0.000	0.002	0.000	0.000	0.076
401-600	0.005	0.002	0.027	0.000	0.000	0.000	0.008	0.000	0.000	0.042
601-800	0.013	0.002	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.043
801-1000	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.023
OVER 1000	0.003	0.001	0.011	0.001	0.000	0.003	0.000	0.000	0.000	0.020
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.002	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.018
\$2001-4000	0.000	0.002	0.022	0.000	0.000	0.000	0.011	0.000	0.000	0.035
\$4001-6000	0.001	0.002	0.032	0.006	0.000	0.000	0.024	0.000	0.000	0.066
\$6001-8000	0.002	0.000	0.071	0.001	0.000	0.000	0.011	0.000	0.000	0.085
\$8001-10000	0.001	0.006	0.068	0.037	0.000	0.000	0.005	0.000	0.002	0.118
\$10001-15000	0.002	0.003	0.172	0.005	0.000	0.003	0.017	0.000	0.001	0.203
\$15001-20000	0.008	0.002	0.191	0.002	0.000	0.000	0.005	0.000	0.000	0.208
\$20001-25000	0.002	0.009	0.095	0.003	0.000	0.000	0.003	0.000	0.014	0.125
\$25001-30000	0.006	0.000	0.054	0.000	0.000	0.000	0.001	0.000	0.000	0.061
OVER \$30000	0.001	0.002	0.024	0.000	0.000	0.000	0.001	0.000	0.000	0.027
NOT STATED	0.001	0.000	0.043	0.006	0.000	0.000	0.001	0.000	0.001	0.052
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 214	0.003	0.005	0.188	0.023	0.000	0.000	0.038	0.000	0.002	0.259
REGION 211	0.000	0.000	0.073	0.002	0.000	0.000	0.005	0.000	0.000	0.080
REGION 213	0.000	0.002	0.068	0.000	0.000	0.000	0.002	0.000	0.000	0.071
REGION 101	0.002	0.004	0.039	0.015	0.000	0.000	0.005	0.000	0.000	0.065
REGION 212	0.000	0.000	0.053	0.000	0.000	0.000	0.008	0.000	0.000	0.061
REGION 210	0.000	0.010	0.047	0.000	0.000	0.000	0.000	0.000	0.001	0.057
REGION 208	0.000	0.001	0.045	0.001	0.000	0.000	0.010	0.000	0.000	0.056
REGION 209	0.000	0.001	0.049	0.002	0.000	0.000	0.003	0.000	0.000	0.055
REGION 202	0.002	0.000	0.012	0.007	0.000	0.000	0.002	0.000	0.014	0.036
REGION 207	0.002	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.036
REGION 401	0.006	0.003	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.033
REGION 311	0.004	0.000	0.014	0.006	0.000	0.000	0.001	0.000	0.000	0.026
REGION 203	0.000	0.000	0.022	0.001	0.000	0.000	0.000	0.000	0.000	0.023
REGION 201	0.000	0.001	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.021
REGION 216	0.000	0.000	0.018	0.000	0.000	0.000	0.002	0.000	0.000	0.020
REGION 206	0.000	0.000	0.013	0.000	0.000	0.000	0.001	0.000	0.000	0.014
REGION 408	0.002	0.001	0.005	0.000	0.000	0.003	0.000	0.000	0.000	0.011
REGION 402	0.001	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 215	0.001	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 308	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
OTHER REGIONS	0.004	0.001	0.037	0.002	0.000	0.000	0.003	0.000	0.001	0.047
TOTAL	0.026	0.027	0.787	0.061	0.000	0.003	0.078	0.000	0.017	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	1972
NOT DELIVERED .....	68
NET DISTRIBUTION .....	1904
TOTAL RETURNS .....	996
UNUSABLE RETURNS .....	19
NET RETURNS .....	977
RESPONSE RATE .....	0.51

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1795
EFFECTIVE H'HOLDS .....	959
GENERATION RATE .....	1.470
RELATIVE ERROR .....	0.076

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TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
	0.101	0.461								
	0.120	0.043			0.065	0.134	0.216	0.243	0.214	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.235	0.165	0.134	0.116	0.103	0.093	0.086	0.080	0.075	0.071	0.047	0.036	0.029	0.024	0.019	0.015

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.004	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	1.278	0.513	
\$2001-4000	0.024	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037	0.611	0.227	
\$4001-6000	0.005	0.009	0.021	0.012	0.005	0.000	0.000	0.000	0.000	0.000	0.051	1.186	0.316	
\$6001-8000	0.005	0.019	0.019	0.027	0.003	0.001	0.000	0.000	0.000	0.000	0.074	1.917	0.206	
\$8001-10000	0.012	0.053	0.016	0.032	0.005	0.010	0.000	0.000	0.000	0.000	0.128	1.604	0.180	
\$10001-15000	0.022	0.021	0.059	0.091	0.042	0.003	0.001	0.000	0.000	0.000	0.238	2.000	0.116	
\$15001-20000	0.028	0.018	0.035	0.035	0.018	0.002	0.000	0.007	0.001	0.000	0.144	2.165	0.137	
\$20001-25000	0.001	0.026	0.010	0.064	0.002	0.003	0.000	0.000	0.008	0.000	0.114	3.230	0.192	
\$25001-30000	0.003	0.021	0.001	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.053	3.032	0.231	
OVER \$30000	0.001	0.012	0.005	0.003	0.003	0.027	0.011	0.010	0.000	0.000	0.073	5.458	0.270	
NOT STATED	0.003	0.009	0.002	0.040	0.001	0.000	0.008	0.000	0.000	0.000	0.064	1.418	0.285	
TOTAL	0.108	0.219	0.169	0.332	0.079	0.046	0.021	0.017	0.001	0.008	0.000	1.000		
AVE TRIPS/H'HOLD	1.244	1.376	1.515	2.593	2.526	3.515	9.333	5.250	0.500	6.000	0.000			
RELATIVE ERROR	0.171	0.130	0.141	0.113	0.157	0.231	0.562	0.719	1.000	0.000*	0.000*			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.003	0.005	0.018	0.000	0.000	0.002	0.000	0.000	0.028
OTHER BUSINESS	0.018	0.001	0.079	0.000	0.000	0.000	0.000	0.000	0.003	0.100
VISITING FRIENDS	0.026	0.002	0.274	0.000	0.000	0.000	0.009	0.000	0.004	0.314
RECREATION	0.007	0.010	0.217	0.000	0.003	0.000	0.004	0.000	0.003	0.243
HOLIDAY	0.011	0.001	0.083	0.000	0.000	0.000	0.004	0.000	0.001	0.100
PERSONAL AFFAIRS	0.001	0.000	0.155	0.005	0.000	0.000	0.001	0.000	0.001	0.163
OTHER	0.002	0.000	0.045	0.000	0.000	0.000	0.002	0.000	0.000	0.048
NOT STATED	0.001	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.004
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.030	0.007	0.190	0.018	0.003	0.000	0.012	0.000	0.009	0.270
2 PERSONS	0.020	0.009	0.211	0.000	0.000	0.000	0.007	0.000	0.003	0.250
3 PERSONS	0.005	0.000	0.134	0.000	0.000	0.000	0.000	0.000	0.000	0.139
4 PERSONS	0.011	0.000	0.202	0.005	0.000	0.000	0.002	0.000	0.000	0.220
5 PERSONS	0.000	0.000	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.081
6 PERSONS	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.029
7 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
8 PERSONS	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL	
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.058	0.026	0.056	0.011	0.002	0.001	0.000	0.001	0.155
FRIENDS HOME	-	0.065	0.110	0.067	0.009	0.017	0.000	0.000	0.004	0.273
CARAVAN/TENT	-	0.010	0.020	0.020	0.002	0.001	0.002	0.000	0.000	0.054
OTHER	-	0.028	0.029	0.026	0.003	0.000	0.000	0.000	0.000	0.086
NOT STATED	0.414	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.009	0.432
TOTAL	0.414	0.162	0.191	0.171	0.025	0.020	0.003	0.000	0.014	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.008	0.012	0.344	0.022	0.003	0.000	0.005	0.000	0.005	0.398
1	0.004	0.000	0.145	0.002	0.000	0.000	0.003	0.000	0.005	0.159
2	0.004	0.000	0.179	0.000	0.000	0.000	0.003	0.000	0.000	0.186
3-7	0.025	0.002	0.142	0.000	0.000	0.000	0.006	0.000	0.002	0.177
8-14	0.011	0.000	0.021	0.000	0.000	0.000	0.003	0.000	0.000	0.034
15-28	0.013	0.002	0.011	0.000	0.000	0.000	0.002	0.000	0.000	0.028
29-56	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.003
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.004	0.000	0.543	0.007	0.003	0.000	0.003	0.000	0.010	0.570
HOUSEHOLD	0.035	0.012	0.250	0.000	0.000	0.000	0.014	0.000	0.001	0.314
EMPLOYER	0.019	0.000	0.034	0.015	0.000	0.000	0.000	0.000	0.000	0.069
OTHER	0.002	0.003	0.001	0.000	0.000	0.000	0.004	0.000	0.000	0.010
NOT STATED	0.005	0.000	0.030	0.001	0.000	0.000	0.000	0.000	0.000	0.037
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
0-100	0.003	0.006	0.260	0.010	0.001	0.000	0.004	0.000	0.002	0.285
101-150	0.001	0.005	0.218	0.004	0.000	0.000	0.003	0.000	0.005	0.238
151-200	0.002	0.002	0.135	0.007	0.000	0.000	0.003	0.000	0.000	0.148
201-300	0.000	0.000	0.115	0.001	0.000	0.000	0.001	0.000	0.003	0.121
301-400	0.000	0.000	0.019	0.000	0.000	0.000	0.002	0.000	0.000	0.019
401-600	0.005	0.000	0.048	0.002	0.000	0.000	0.002	0.000	0.000	0.057
601-800	0.019	0.000	0.031	0.000	0.000	0.000	0.005	0.000	0.001	0.057
801-1000	0.001	0.000	0.002	0.000	0.000	0.000	0.001	0.000	0.000	0.004
OVER 1000	0.035	0.002	0.028	0.000	0.001	0.000	0.002	0.000	0.000	0.068
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.023
\$2001-4000	0.001	0.007	0.027	0.000	0.000	0.000	0.001	0.000	0.000	0.037
\$4001-6000	0.001	0.002	0.038	0.009	0.000	0.000	0.001	0.000	0.000	0.051
\$6001-8000	0.001	0.001	0.063	0.000	0.000	0.000	0.004	0.000	0.005	0.074
\$8001-10000	0.000	0.000	0.126	0.000	0.000	0.000	0.000	0.000	0.001	0.128
\$10001-15000	0.019	0.003	0.201	0.008	0.000	0.000	0.007	0.000	0.000	0.238
\$15001-20000	0.022	0.001	0.119	0.000	0.000	0.000	0.002	0.000	0.001	0.144
\$20001-25000	0.003	0.001	0.100	0.005	0.000	0.000	0.001	0.000	0.004	0.114
\$25001-30000	0.008	0.001	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.053
OVER \$30000	0.007	0.000	0.059	0.001	0.003	0.000	0.003	0.000	0.000	0.073
NOT STATED	0.002	0.000	0.059	0.000	0.000	0.000	0.003	0.000	0.000	0.064
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 311	0.001	0.007	0.271	0.013	0.000	0.000	0.006	0.000	0.001	0.298
REGION 307	0.000	0.001	0.109	0.000	0.001	0.000	0.000	0.000	0.001	0.113
REGION 306	0.001	0.003	0.080	0.000	0.000	0.000	0.000	0.000	0.005	0.090
REGION 301	0.003	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.053
REGION 308	0.000	0.000	0.047	0.000	0.000	0.000	0.001	0.000	0.003	0.052
REGION 310	0.001	0.000	0.045	0.000	0.000	0.000	0.003	0.000	0.000	0.049
REGION 303	0.000	0.002	0.039	0.008	0.000	0.000	0.000	0.000	0.000	0.049
REGION 501	0.007	0.000	0.023	0.000	0.000	0.000	0.003	0.000	0.000	0.032
REGION 309	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.029
REGION 305	0.000	0.000	0.025	0.000	0.000	0.000	0.001	0.000	0.000	0.027
REGION 214	0.012	0.000	0.011	0.000	0.000	0.000	0.003	0.000	0.000	0.026
REGION 304	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026
REGION 302	0.000	0.000	0.020	0.000	0.000	0.000	0.002	0.000	0.000	0.022
REGION 402	0.014	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 206	0.000	0.000	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.014
REGION 210	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 608	0.005	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.009
REGION 404	0.001	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 410	0.000	0.000	0.007	0.000	0.001	0.000	0.000	0.000	0.000	0.008
REGION 508	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
OTHER REGIONS	0.019	0.002	0.037	0.001	0.000	0.000	0.001	0.000	0.001	0.062
TOTAL	0.065	0.016	0.859	0.024	0.003	0.000	0.021	0.000	0.012	1.000

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QUEENSLAND  
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TRIPS IN SAMPLE ... 799

PERFORMANCE SUMMARY

FORMS MAILED .....	1524
NOT DELIVERED .....	51
NET DISTRIBUTION .....	1473
 TOTAL RETURNS .....	673
UNUSABLE RETURNS .....	15
NET RETURNS .....	658
 RESPONSE RATE .....	0.45

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	799
EFFECTIVE H'HOLDS .....	645
GENERATION RATE .....	1.145
RELATIVE ERROR .....	0.103

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
RELATIVE ERROR	0.117	0.434	0.247	0.100	0.022	0.024	0.056	1.000	
	0.136	0.055	0.082	0.142	0.284	0.266	0.207		

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.352	0.248	0.201	0.173	0.154	0.140	0.129	0.120	0.113	0.106	0.071	0.054	0.043	0.035	0.029	0.023

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.667	0.769	
\$2001-4000	0.015	0.008	0.010	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.386	0.370	
\$4001-6000	0.015	0.036	0.001	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.071	0.847	0.260	
\$6001-8000	0.003	0.040	0.000	0.002	0.019	0.000	0.000	0.000	0.000	0.000	0.064	0.790	0.293	
\$8001-10000	0.002	0.025	0.072	0.106	0.005	0.003	0.000	0.000	0.000	0.000	0.212	1.431	0.201	
\$10001-15000	0.008	0.048	0.044	0.051	0.060	0.017	0.000	0.000	0.000	0.000	0.229	1.544	0.204	
\$15001-20000	0.011	0.059	0.010	0.041	0.044	0.005	0.000	0.000	0.005	0.000	0.175	1.688	0.155	
\$20001-25000	0.000	0.025	0.020	0.018	0.005	0.000	0.000	0.000	0.000	0.000	0.068	1.211	0.248	
\$25001-30000	0.000	0.003	0.002	0.024	0.007	0.000	0.000	0.000	0.000	0.000	0.036	3.538	0.337	
OVER \$30000	0.000	0.013	0.003	0.047	0.005	0.018	0.000	0.000	0.000	0.000	0.088	1.909	0.325	
NOT STATED	0.000	0.005	0.000	0.000	0.010	0.001	0.000	0.000	0.000	0.000	0.016	0.714	0.746	
TOTAL	0.054	0.268	0.162	0.310	0.155	0.045	0.000	0.000	0.005	0.001	0.000	1.000		
AVE TRIPS/H'HOLD	0.420	1.207	1.082	1.748	2.188	1.111	0.000*	0.000*	2.333	1.000	0.000*			
RELATIVE ERROR	0.227	0.119	0.208	0.175	0.267	0.357	0.000*	0.000*	1.000	0.000*	0.000*			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.001	0.009	0.000	0.000	0.000	0.000	0.000	0.010
OTHER BUSINESS	0.026	0.000	0.071	0.026	0.000	0.000	0.000	0.000	0.004	0.127
VISITING FRIENDS	0.033	0.003	0.297	0.000	0.000	0.000	0.000	0.003	0.003	0.339
RECREATION	0.005	0.006	0.226	0.013	0.000	0.000	0.001	0.000	0.001	0.251
HOLIDAY	0.010	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.071
PERSONAL AFFAIRS	0.013	0.001	0.147	0.002	0.000	0.000	0.003	0.000	0.001	0.166
OTHER	0.002	0.003	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.028
NOT STATED	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.055	0.012	0.194	0.005	0.000	0.000	0.004	0.000	0.008	0.278
2 PERSONS	0.013	0.000	0.310	0.004	0.000	0.000	0.000	0.003	0.001	0.330
3 PERSONS	0.011	0.000	0.076	0.000	0.000	0.000	0.000	0.000	0.000	0.088
4 PERSONS	0.011	0.000	0.196	0.041	0.000	0.000	0.000	0.000	0.000	0.247
5 PERSONS	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.050
6 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
7 PERSONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.040	0.038	0.035	0.013	0.000	0.000	0.000	0.126
FRIENDS HOME	-	0.110	0.104	0.083	0.017	0.019	0.002	0.000	0.334
CARAVAN/TENT	-	0.048	0.038	0.003	0.012	0.000	0.001	0.000	0.102
OTHER	-	0.023	0.035	0.024	0.016	0.000	0.001	0.000	0.098
NOT STATED	0.337	0.002	0.000	0.000	0.001	0.001	0.000	0.000	0.340
TOTAL	0.337	0.222	0.214	0.145	0.057	0.020	0.004	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
0	0.008	0.001	0.312	0.013	0.000	0.000	0.000	0.000	0.002
1	0.003	0.000	0.184	0.019	0.000	0.000	0.000	0.000	0.000
2	0.030	0.000	0.165	0.014	0.000	0.000	0.000	0.003	0.005
3-7	0.024	0.002	0.110	0.003	0.000	0.000	0.003	0.000	0.001
8-14	0.013	0.008	0.040	0.000	0.000	0.000	0.001	0.000	0.000
15-28	0.009	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.029
29-56	0.003	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.005
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
NO FARES	0.002	0.005	0.546	0.014	0.000	0.000	0.000	0.000	0.005
HOUSEHOLD	0.068	0.007	0.227	0.003	0.000	0.000	0.001	0.003	0.001
EMPLOYER	0.020	0.000	0.023	0.033	0.000	0.000	0.000	0.000	0.079
OTHER	0.004	0.000	0.030	0.000	0.000	0.000	0.003	0.000	0.037
NOT STATED	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.007
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
INTRAL-GA	0.001	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.019
0-100	0.000	0.003	0.349	0.043	0.000	0.000	0.000	0.000	0.396
101-150	0.000	0.003	0.224	0.002	0.000	0.000	0.000	0.003	0.234
151-200	0.000	0.003	0.053	0.001	0.000	0.000	0.000	0.000	0.057
201-300	0.017	0.000	0.037	0.002	0.000	0.000	0.000	0.000	0.074
301-400	0.000	0.000	0.071	0.000	0.000	0.000	0.000	0.003	0.031
401-600	0.007	0.000	0.021	0.000	0.000	0.000	0.003	0.000	0.049
601-800	0.030	0.000	0.015	0.000	0.000	0.000	0.001	0.000	0.018
801-1000	0.008	0.000	0.007	0.002	0.000	0.000	0.000	0.000	0.064
OVER 1000	0.025	0.001	0.038	0.000	0.000	0.000	0.000	0.000	
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
\$2001-4000	0.004	0.004	0.026	0.000	0.000	0.000	0.000	0.000	0.003	0.036
\$4001-6000	0.001	0.004	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.071
\$6001-8000	0.016	0.000	0.047	0.000	0.000	0.000	0.001	0.000	0.000	0.064
\$8001-10000	0.006	0.001	0.193	0.012	0.000	0.000	0.000	0.000	0.000	0.212
\$10001-15000	0.017	0.003	0.172	0.036	0.000	0.000	0.000	0.000	0.001	0.229
\$15001-20000	0.014	0.001	0.155	0.000	0.000	0.000	0.000	0.000	0.005	0.175
\$20001-25000	0.005	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.068
\$25001-30000	0.0 7	0.000	0.017	0.001	0.000	0.000	0.000	0.000	0.000	0.036
OVER \$30000	0.0 0	0.000	0.075	0.000	0.000	0.000	0.003	0.000	0.000	0.088
NOT STATED	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.003	0.000	0.016
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 401	0.023	0.006	0.120	0.002	0.000	0.000	0.000	0.000	0.001	0.152
REGION 402	0.000	0.000	0.143	0.000	0.000	0.000	0.000	0.000	0.000	0.143
REGION 404	0.003	0.003	0.117	0.013	0.000	0.000	0.000	0.000	0.003	0.138
REGION 403	0.002	0.000	0.086	0.000	0.000	0.000	0.000	0.003	0.000	0.091
REGION 407	0.003	0.000	0.069	0.001	0.000	0.000	0.000	0.000	0.000	0.073
REGION 201	0.000	0.000	0.071	0.000	0.000	0.000	0.000	0.000	0.000	0.071
REGION 408	0.004	0.001	0.029	0.032	0.000	0.000	0.000	0.000	0.000	0.066
REGION 412	0.000	0.000	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.058
REGION 214	0.026	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.003	0.043
REGION 202	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.035
REGION 405	0.004	0.000	0.024	0.000	0.000	0.000	0.003	0.000	0.000	0.030
REGION 311	0.011	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 411	0.001	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.001	0.014
REGION 406	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
REGION 211	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 409	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.002	0.010
REGION 216	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
REGION 410	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 213	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 101	0.002	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.005
OTHER REGIONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
TOTAL	0.089	0.012	0.833	0.049	0.000	0.000	0.004	0.003	0.009	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	1060
NOT DELIVERED .....	65
NET DISTRIBUTION .....	995
TOTAL RETURNS .....	535
UNUSABLE RETURNS .....	19
NET RETURNS .....	516
RESPONSE RATE .....	0.52

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	911
EFFECTIVE H'HOLDS .....	510
GENERATION RATE .....	1.806
RELATIVE ERROR .....	0.124

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE						NOT STATED	TOTAL
	0	1	2	3	4	OVER 4		
	0.105 0.210	0.417 0.082	0.287 0.109	0.093 0.217	0.041 0.344	0.024 0.427	0.033 0.360	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION RELATIVE ERROR	0.010 0.330	0.020 0.232	0.030 0.188	0.040 0.162	0.050 0.144	0.060 0.131	0.070 0.121	0.080 0.112	0.090 0.105	0.100 0.099	0.200 0.066	0.300 0.051	0.400 0.041	0.500 0.033	0.600 0.027	0.700 0.022
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TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	1.125	0.354	
\$2001-4000	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.333	0.275	
\$4001-6000	0.001	0.005	0.002	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.681	0.276	
\$6001-8000	0.004	0.021	0.001	0.019	0.045	0.002	0.007	0.000	0.000	0.000	0.009	0.108	1.554	0.234
\$8001-10000	0.006	0.028	0.015	0.064	0.000	0.013	0.004	0.000	0.000	0.000	0.000	0.130	2.270	0.196
\$10001-15000	0.006	0.089	0.061	0.068	0.002	0.003	0.000	0.000	0.000	0.000	0.000	0.230	2.164	0.150
\$15001-20000	0.013	0.021	0.014	0.065	0.010	0.027	0.000	0.000	0.000	0.000	0.000	0.150	2.192	0.187
\$20001-25000	0.021	0.026	0.058	0.076	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.184	2.207	0.338
\$25001-30000	0.000	0.000	0.010	0.002	0.015	0.000	0.000	0.009	0.000	0.000	0.000	0.036	3.900	0.607
OVER \$30000	0.004	0.012	0.001	0.004	0.004	0.027	0.000	0.000	0.000	0.000	0.053	4.100	0.446	
NOT STATED	0.001	0.048	0.018	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.068	1.333	0.314	
TOTAL	0.065	0.255	0.181	0.320	0.078	0.072	0.012	0.009	0.000	0.000	0.009	1.000		
AVE TRIPS/H'HOLD	1.134	1.237	2.259	2.257	2.241	5.600	9.250	1.000	0.000	0.000	0.400			
RELATIVE ERROR	0.273	0.127	0.182	0.139	0.411	0.451	0.429	1.000	0.000*	0.000*	1.000			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.054	0.007	0.000	0.000	0.000	0.000	0.000	0.061
OTHER BUSINESS	0.046	0.004	0.108	0.003	0.000	0.000	0.000	0.000	0.007	0.170
VISITING FRIENDS	0.005	0.010	0.323	0.000	0.000	0.000	0.001	0.000	0.001	0.341
RECREATION	0.001	0.001	0.220	0.000	0.000	0.000	0.000	0.002	0.000	0.224
HOLIDAY	0.002	0.000	0.071	0.000	0.000	0.001	0.001	0.000	0.000	0.075
PERSONAL AFFAIRS	0.010	0.005	0.050	0.007	0.000	0.000	0.003	0.000	0.000	0.076
OTHER	0.009	0.001	0.023	0.000	0.000	0.000	0.000	0.002	0.000	0.034
NOT STATED	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.018	0.019
TOTAL	0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.054	0.019	0.174	0.009	0.000	0.000	0.003	0.000	0.007	0.266
2 PERSONS	0.017	0.001	0.234	0.001	0.000	0.000	0.001	0.000	0.000	0.255
3 PERSONS	0.001	0.000	0.143	0.000	0.000	0.000	0.000	0.000	0.001	0.146
4 PERSONS	0.001	0.002	0.154	0.007	0.000	0.000	0.001	0.003	0.018	0.187
5 PERSONS	0.000	0.000	0.072	0.000	0.000	0.000	0.000	0.000	0.000	0.072
6 PERSONS	0.000	0.000	0.069	0.000	0.000	0.000	0.002	0.000	0.000	0.071
7 PERSONS	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL	
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.023	0.025	0.107	0.000	0.014	0.000	0.000	0.000	0.170
FRIENDS HOME	-	0.047	0.157	0.101	0.008	0.001	0.000	0.000	0.000	0.316
CARAVAN/TENT	-	0.023	0.024	0.009	0.000	0.013	0.000	0.000	0.000	0.069
OTHER	-	0.002	0.064	0.006	0.006	0.000	0.009	0.000	0.002	0.089
NOT STATED	0.356	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.356
TOTAL	0.356	0.095	0.271	0.223	0.015	0.029	0.010	0.000	0.002	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0		0.016	0.004	0.301	0.006	0.000	0.000	0.003	0.000	0.024	0.354
1		0.001	0.004	0.069	0.011	0.000	0.000	0.000	0.002	0.000	0.087
2		0.021	0.005	0.248	0.000	0.000	0.000	0.001	0.002	0.001	0.279
3-7		0.023	0.007	0.163	0.001	0.000	0.001	0.003	0.000	0.000	0.197
8-14		0.006	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.001	0.031
15-28		0.005	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.036
29-56		0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.015
OVER 56		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED		0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
TOTAL		0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES		0.009	0.000	0.573	0.014	0.000	0.000	0.000	0.003	0.006	0.605
HOUSEHOLD		0.014	0.017	0.151	0.000	0.000	0.001	0.006	0.000	0.019	0.210
EMPLOYER		0.049	0.004	0.062	0.004	0.000	0.000	0.001	0.000	0.000	0.120
OTHER		0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.009
NOT STATED		0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.001	0.057
TOTAL		0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA		0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.003
0-100		0.003	0.000	0.228	0.006	0.000	0.000	0.004	0.000	0.000	0.242
101-150		0.001	0.001	0.169	0.007	0.000	0.000	0.000	0.000	0.006	0.184
151-200		0.013	0.003	0.097	0.000	0.000	0.000	0.000	0.002	0.001	0.117
201-300		0.013	0.009	0.180	0.003	0.000	0.000	0.000	0.000	0.000	0.206
301-400		0.000	0.002	0.072	0.000	0.000	0.000	0.002	0.002	0.001	0.079
401-600		0.000	0.005	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.026
601-800		0.004	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.018	0.075
801-1000		0.004	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.007
OVER 1000		0.033	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.061
TOTAL		0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.004
\$2001-4000	0.001	0.002	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.008
\$4001-6000	0.000	0.004	0.006	0.000	0.000	0.000	0.000	0.000	0.018	0.029
\$6001-8000	0.005	0.000	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.108
\$8001-10000	0.000	0.001	0.125	0.000	0.000	0.000	0.004	0.000	0.000	0.130
\$10001-15000	0.007	0.005	0.193	0.017	0.000	0.000	0.001	0.000	0.007	0.230
\$15001-20000	0.019	0.005	0.122	0.000	0.000	0.000	0.000	0.003	0.000	0.150
\$20001-25000	0.025	0.004	0.155	0.000	0.000	0.000	0.000	0.000	0.000	0.184
\$25001-30000	0.005	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.036
OVER \$30000	0.009	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.053
NOT STATED	0.001	0.001	0.065	0.000	0.000	0.000	0.001	0.000	0.000	0.068
TOTAL	0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 501	0.021	0.006	0.151	0.012	0.000	0.000	0.006	0.002	0.003	0.199
REGION 503	0.000	0.000	0.172	0.000	0.000	0.000	0.000	0.000	0.004	0.176
REGION 506	0.002	0.000	0.105	0.000	0.000	0.000	0.000	0.000	0.000	0.107
REGION 504	0.003	0.005	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.098
REGION 311	0.004	0.002	0.044	0.000	0.000	0.000	0.000	0.000	0.018	0.068
REGION 507	0.000	0.000	0.066	0.000	0.000	0.001	0.000	0.000	0.000	0.067
REGION 502	0.005	0.004	0.054	0.000	0.000	0.000	0.000	0.000	0.001	0.064
REGION 505	0.000	0.000	0.041	0.001	0.000	0.000	0.000	0.000	0.000	0.042
REGION 508	0.000	0.004	0.023	0.004	0.000	0.000	0.000	0.002	0.000	0.034
REGION 305	0.000	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.028
REGION 308	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 214	0.009	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 401	0.001	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 303	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 802	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009
REGION 304	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 608	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005
REGION 801	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005
REGION 101	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 407	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
OTHER REGIONS	0.000	0.001	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.018
TOTAL	0.073	0.022	0.850	0.018	0.000	0.001	0.007	0.003	0.026	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	525
NOT DELIVERED .....	52
NET DISTRIBUTION .....	473
 TOTAL RETURNS .....	216
UNUSABLE RETURNS .....	5
NET RETURNS .....	211
 RESPONSE RATE .....	0.45

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	378
EFFECTIVE H'HOLDS .....	207
GENERATION RATE .....	0.995
RELATIVE ERROR .....	0.179

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.073	0.404	0.331	0.136	0.002	0.031	0.023	
RELATIVE ERROR		0.345	0.115	0.134	0.238	0.710	0.502	0.604	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.512	0.361	0.293	0.252	0.224	0.204	0.188	0.175	0.164	0.155	0.103	0.079	0.063	0.052	0.042	0.034

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.029	0.750	0.638	
\$2001-4000	0.000	0.002	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.636	0.679	
\$4001-6000	0.000	0.053	0.025	0.040	0.012	0.000	0.000	0.000	0.001	0.000	0.000	0.132	2.200	0.467
\$6001-8000	0.000	0.006	0.010	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.046	1.571	0.420	
\$8001-10000	0.000	0.031	0.014	0.015	0.000	0.020	0.000	0.000	0.000	0.000	0.080	1.545	0.302	
\$10001-15000	0.013	0.075	0.012	0.074	0.039	0.000	0.003	0.000	0.000	0.000	0.217	2.205	0.256	
\$15001-20000	0.001	0.022	0.005	0.082	0.003	0.007	0.000	0.000	0.000	0.000	0.119	1.167	0.390	
\$20001-25000	0.000	0.046	0.020	0.032	0.004	0.000	0.000	0.000	0.000	0.000	0.101	1.467	0.297	
\$25001-30000	0.000	0.008	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.014	1.444	0.612	
OVER \$30000	0.000	0.002	0.000	0.194	0.017	0.000	0.000	0.000	0.000	0.000	0.214	5.455	0.469	
NOT STATED	0.023	0.000	0.011	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.042	1.700	0.383	
TOTAL	0.038	0.275	0.103	0.441	0.112	0.027	0.003	0.000	0.001	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.429	1.317	1.595	2.686	3.130	2.571	0.600	0.000*	1.000*	0.000*	0.000*	0.000		
RELATIVE ERROR	0.380	0.190	0.314	0.243	0.380	0.667	0.667	0.000*	0.000*	0.000*	0.000*	0.000		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.014	0.073	0.000	0.000	0.000	0.002	0.000	0.089
OTHER BUSINESS	0.016	0.000	0.145	0.009	0.000	0.000	0.000	0.000	0.002	0.173
VISITING FRIENDS	0.020	0.000	0.226	0.000	0.000	0.000	0.010	0.000	0.005	0.260
RECREATION	0.000	0.000	0.128	0.000	0.000	0.000	0.010	0.005	0.000	0.143
HOLIDAY	0.010	0.010	0.103	0.001	0.000	0.000	0.000	0.000	0.000	0.124
PERSONAL AFFAIRS	0.007	0.001	0.116	0.000	0.000	0.000	0.001	0.000	0.000	0.124
OTHER	0.014	0.000	0.057	0.000	0.000	0.000	0.013	0.000	0.002	0.086
NOT STATED	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.036	0.011	0.196	0.083	0.000	0.000	0.034	0.000	0.002	0.361
2 PERSONS	0.028	0.000	0.280	0.000	0.000	0.000	0.000	0.002	0.002	0.311
3 PERSONS	0.000	0.000	0.087	0.000	0.000	0.000	0.000	0.005	0.000	0.092
4 PERSONS	0.004	0.000	0.150	0.000	0.000	0.000	0.000	0.000	0.005	0.158
5 PERSONS	0.000	0.000	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.057
6 PERSONS	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.020
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.053	0.053	0.069	0.017	0.000	0.000	0.000	0.192
FRIENDS HOME	-	0.146	0.057	0.076	0.018	0.031	0.000	0.000	0.329
CARAVAN/TENT	-	0.000	0.009	0.025	0.020	0.004	0.000	0.000	0.057
OTHER	-	0.002	0.002	0.016	0.020	0.012	0.000	0.000	0.053
NOT STATED	0.353	0.000	0.001	0.000	0.008	0.000	0.000	0.007	0.369
TOTAL	0.353	0.202	0.122	0.185	0.083	0.047	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.000	0.000	0.237	0.069	0.000	0.000	0.001	0.000	0.002	0.308
1	0.000	0.000	0.195	0.002	0.000	0.000	0.000	0.002	0.000	0.199
2	0.006	0.010	0.077	0.000	0.000	0.000	0.002	0.005	0.000	0.101
3-7	0.027	0.000	0.175	0.010	0.000	0.000	0.021	0.000	0.000	0.232
8-14	0.003	0.000	0.062	0.002	0.000	0.000	0.010	0.000	0.000	0.076
15-28	0.011	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.018
29-56	0.020	0.000	0.039	0.000	0.000	0.000	0.000	0.000	0.000	0.059
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.007	0.008
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.010	0.000	0.441	0.006	0.000	0.000	0.000	0.005	0.002	0.464
HOUSEHOLD	0.035	0.011	0.197	0.001	0.000	0.000	0.033	0.000	0.005	0.281
EMPLOYER	0.020	0.000	0.140	0.075	0.000	0.000	0.002	0.002	0.002	0.240
OTHER	0.002	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.006
NOT STATED	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.003	0.000	0.051	0.002	0.000	0.000	0.000	0.005	0.000	0.060
0-100	0.000	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.005	0.083
101-150	0.000	0.000	0.086	0.002	0.000	0.000	0.000	0.000	0.002	0.090
151-200	0.003	0.000	0.143	0.000	0.000	0.000	0.000	0.000	0.002	0.148
201-300	0.002	0.000	0.200	0.073	0.000	0.000	0.013	0.002	0.000	0.289
301-400	0.003	0.011	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.110
401-600	0.000	0.000	0.034	0.001	0.000	0.000	0.011	0.000	0.000	0.046
601-800	0.000	0.000	0.029	0.001	0.000	0.000	0.000	0.000	0.000	0.030
801-1000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
OVER 1000	0.056	0.000	0.073	0.000	0.000	0.000	0.010	0.000	0.000	0.139
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.029
\$2001-4000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
\$4001-6000	0.001	0.001	0.128	0.000	0.000	0.000	0.000	0.002	0.000	0.132
\$6001-8000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
\$8001-10000	0.003	0.000	0.074	0.003	0.000	0.000	0.000	0.000	0.000	0.080
\$10001-15000	0.024	0.010	0.161	0.002	0.000	0.000	0.012	0.000	0.008	0.217
\$15001-20000	0.026	0.000	0.084	0.007	0.000	0.000	0.002	0.000	0.000	0.119
\$20001-25000	0.000	0.000	0.089	0.002	0.000	0.000	0.010	0.000	0.000	0.014
\$25001-30000	0.003	0.000	0.006	0.000	0.000	0.000	0.000	0.005	0.000	0.010
OVER \$30000	0.000	0.000	0.144	0.069	0.000	0.000	0.000	0.000	0.000	0.214
NOT STATED	0.010	0.000	0.022	0.000	0.000	0.000	0.010	0.000	0.000	0.042
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 608	0.010	0.001	0.254	0.077	0.000	0.000	0.002	0.002	0.000	0.345
REGION 601	0.012	0.000	0.213	0.000	0.000	0.000	0.000	0.005	0.000	0.230
REGION 607	0.000	0.010	0.107	0.000	0.000	0.000	0.000	0.000	0.005	0.122
REGION 604	0.000	0.000	0.071	0.000	0.000	0.000	0.000	0.000	0.000	0.071
REGION 602	0.000	0.000	0.041	0.002	0.000	0.000	0.010	0.000	0.000	0.052
REGION 605	0.000	0.000	0.049	0.001	0.000	0.000	0.002	0.000	0.000	0.052
REGION 606	0.006	0.000	0.029	0.001	0.000	0.000	0.000	0.000	0.000	0.035
REGION 603	0.000	0.000	0.015	0.002	0.000	0.000	0.010	0.000	0.002	0.028
REGION 214	0.020	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.022
REGION 216	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 501	0.000	0.000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.010
REGION 609	0.000	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.002	0.008
REGION 801	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
REGION 310	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
REGION 101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.067	0.011	0.790	0.083	0.000	0.000	0.034	0.007	0.008	1.000

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**TRIPS IN SAMPLE . . .**

## **PERFORMANCE SUMMARY**

FORMS MAILED . . . . .	251
NOT DELIVERED . . . . .	9
NET DISTRIBUTION . . . . .	242
 TOTAL RETURNS . . . . .	111
UNUSABLE RETURNS . . . . .	3
NET RETURNS . . . . .	108
 RESPONSE RATE . . . . .	0.45

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE . . .	99
EFFECTIVE H'HOLDS . . .	105
GENERATION RATE . . .	0.841
RELATIVE ERROR . . .	0.208

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

	VEHICLES AVAILABLE						NOT STATED	TOTAL
	0	1	2	3	4	OVER 4		
PROPORTION	0.047	0.477	0.290	0.047	0.040	0.020	0.078	
RELATIVE ERROR	0.442	0.109	0.164	0.456	0.528	0.757	0.351	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION 0.010 0.020 0.030 0.040 0.050 0.060 0.070 0.080 0.090 0.100 0.200 0.300 0.400 0.500 0.600 0.700  
 RELATIVE ERROR 1.005 0.707 0.574 0.495 0.440 0.400 0.368 0.343 0.321 0.303 0.202 0.154 0.124 0.101 0.082 0.066

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE										NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9	OVER 9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.042	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.082	1.143	0.554
\$4001-6000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033	0.667	1.000
\$6001-8000	0.000	0.055	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.105	0.833	0.529
\$8001-10000	0.000	0.037	0.008	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.063	0.579	0.517
\$10001-15000	0.000	0.000	0.047	0.112	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.159	0.880	0.577
\$15001-20000	0.000	0.081	0.029	0.027	0.015	0.016	0.000	0.000	0.000	0.000	0.000	0.168	1.286	0.287
\$20001-25000	0.000	0.055	0.000	0.008	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.130	1.500	0.488
\$25001-30000	0.000	0.150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.150	4.500	1.000
OVER \$30000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066	2.000	1.000
NOT STATED	0.011	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.250	0.718
TOTAL	0.053	0.511	0.173	0.147	0.100	0.016	0.000	0.000	0.000	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.385	1.313	1.286	0.826	1.182	0.667	0.000	0.000	0.000	0.000	0.000			
RELATIVE ERROR	0.808	0.287	0.250	0.653	0.482	1.000	0.000*	0.000*	0.000*	0.000*	0.000*			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.033	0.000	0.225	0.000	0.000	0.000	0.060	0.000	0.000	0.258
VISITING FRIENDS	0.041	0.000	0.246	0.000	0.000	0.000	0.000	0.000	0.015	0.302
RECREATION	0.000	0.000	0.172	0.000	0.000	0.000	0.000	0.000	0.000	0.172
HOLIDAY	0.024	0.011	0.039	0.000	0.000	0.000	0.008	0.000	0.000	0.081
PERSONAL AFFAIRS	0.008	0.000	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.065
OTHER	0.000	0.042	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.105
NOT STATED	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.057	0.053	0.344	0.000	0.000	0.000	0.008	0.000	0.000	0.461
2 PERSONS	0.049	0.000	0.239	0.000	0.000	0.000	0.000	0.000	0.000	0.288
3 PERSONS	0.000	0.000	0.105	0.000	0.000	0.000	0.000	0.000	0.000	0.105
4 PERSONS	0.000	0.000	0.112	0.000	0.000	0.000	0.000	0.000	0.015	0.127
5 PERSONS	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.019
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							TOTAL
	0	1	2	3-7	8-14	15-28	29-56	
HOTEL/MOTEL	-	0.033	0.082	0.073	0.016	0.000	0.000	0.203
FRIENDS HOME	-	0.040	0.080	0.164	0.041	0.011	0.016	0.351
CARAVAN/TENT	-	0.017	0.000	0.000	0.000	0.000	0.000	0.017
OTHER	-	0.000	0.000	0.042	0.000	0.000	0.000	0.042
NOT STATED	0.387	0.000	0.000	0.000	0.000	0.000	0.000	0.387
TOTAL	0.387	0.089	0.161	0.279	0.057	0.011	0.016	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.017	0.000	0.353	0.000	0.000	0.000	0.000	0.000	0.000	0.370
1	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.015	0.089
2	0.033	0.000	0.128	0.000	0.000	0.000	0.000	0.000	0.000	0.161
3-7	0.017	0.042	0.180	0.000	0.000	0.000	0.008	0.000	0.000	0.247
8-14	0.016	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.032
15-28	0.008	0.011	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.085
29-56	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.000	0.649	0.000	0.000	0.000	0.000	0.000	0.015	0.665
HOUSEHOLD	0.089	0.053	0.066	0.000	0.000	0.000	0.008	0.000	0.000	0.216
EMPLOYER	0.000	0.000	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.081
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.017	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.038
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.033
0-100	0.000	0.000	0.226	0.000	0.000	0.000	0.000	0.000	0.000	0.226
101-150	0.000	0.000	0.172	0.000	0.000	0.000	0.000	0.000	0.015	0.187
151-200	0.000	0.053	0.111	0.000	0.000	0.000	0.000	0.000	0.000	0.163
201-300	0.000	0.000	0.128	0.000	0.000	0.000	0.008	0.000	0.000	0.136
301-400	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
401-600	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050
601-800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
801-1000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 1000	0.048	0.000	0.150	0.000	0.000	0.000	0.000	0.000	0.000	0.198
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.042	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.082
\$4001-6000	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.033
\$6001-8000	0.008	0.000	0.097	0.000	0.000	0.000	0.000	0.000	0.000	0.105
\$8001-10000	0.016	0.000	0.048	0.000	0.000	0.000	0.000	0.000	0.000	0.063
\$10001-15000	0.000	0.000	0.144	0.000	0.000	0.000	0.000	0.000	0.015	0.159
\$15001-20000	0.024	0.000	0.144	0.000	0.000	0.000	0.000	0.000	0.000	0.168
\$20001-25000	0.008	0.000	0.114	0.000	0.000	0.000	0.008	0.000	0.000	0.130
\$25001-30000	0.033	0.000	0.116	0.000	0.000	0.000	0.000	0.000	0.000	0.150
OVER \$30000	0.017	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.066
NOT STATED	0.000	0.011	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.044
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 701	0.000	0.042	0.276	0.000	0.000	0.000	0.008	0.000	0.000	0.327
REGION 703	0.000	0.000	0.237	0.000	0.000	0.000	0.000	0.000	0.000	0.237
REGION 702	0.000	0.011	0.132	0.000	0.000	0.000	0.000	0.000	0.015	0.158
REGION 406	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.066
REGION 311	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.058
REGION 202	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.033
REGION 215	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.033
REGION 704	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.023
REGION 404	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 405	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 608	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016
REGION 402	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 801	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.106	0.053	0.818	0.000	0.000	0.000	0.008	0.000	0.015	1.000

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## PERFORMANCE SUMMARY

FORMS MAILED . . . . .	121
NOT DELIVERED . . . . .	32
NET DISTRIBUTION . . . . .	89
 TOTAL RETURNS . . . . .	33
UNUSABLE RETURNS . . . . .	0
NET RETURNS . . . . .	33
 RESPONSE RATE	0.37

### TRIP GENERATION SUMMARY

TRIPS IN SAMPLE . . .	40
EFFECTIVE H'HOLDS . . .	31
GENERATION RATE . . .	1.061
RELATIVE ERROR . . .	0.320

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

<u>VEHICLES AVAILABLE</u>		<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>OVER 4</u>	<u>NOT STATED</u>	<u>TOTAL</u>
PROPORTION	0.000	0.297		0.370	0.217	0.000	0.116	0.000	1.000
RELATIVE ERROR	0.000*	0.338		0.276	0.401	0.000*	0.619	0.000*	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.593	1.121	0.911	0.784	0.698	0.634	0.584	0.543	0.509	0.480	0.320	0.245	0.196	0.160	0.131	0.105
PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.593	1.121	0.911	0.784	0.698	0.634	0.584	0.543	0.509	0.480	0.320	0.245	0.196	0.160	0.131	0.105
PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.593	1.121	0.911	0.784	0.698	0.634	0.584	0.543	0.509	0.480	0.320	0.245	0.196	0.160	0.131	0.105

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

HOUSEHOLD SIZE														
INCOME GROUP	1	2	3	4	5	6	7	8	9	OVER 9	NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.046	4.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.500	1.000
\$8001-10000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.113	2.000	0.000
\$10001-15000	0.000	0.000	0.170	0.204	0.068	0.000	0.000	0.000	0.000	0.000	0.000	0.443	1.500	0.425
\$15001-20000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.600	0.667
\$20001-25000	0.000	0.000	0.000	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.057	1.250	1.000
\$25001-30000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	2.000	0.000
OVER \$30000	0.000	0.000	0.000	0.046	0.000	0.227	0.000	0.000	0.000	0.000	0.000	0.273	1.600	0.612
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.113	0.080	0.182	0.330	0.068	0.227	0.000	0.000	0.000	0.000	0.000	1.000		
AVE TRIPS/H' HOLD	0.667	1.000	1.333	1.545	1.500	2.000	0.000	0.000	0.000	0.000	0.000			
RELATIVE ERROR	1.000	0.577	0.661	0.353	1.000	1.000	0.000*	0.000*	0.000*	0.000*	0.000*			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.295	0.000	0.194	0.000	0.000	0.000	0.000	0.000	0.000	0.489
VISITING FRIENDS	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
RECREATION	0.000	0.000	0.011	0.170	0.000	0.000	0.000	0.000	0.000	0.182
HOLIDAY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PERSONAL AFFAIRS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	0.000	0.000	0.193	0.011	0.000	0.000	0.000	0.000	0.000	0.204
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.113	0.000	0.113
TOTAL	0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.273	0.000	0.261	0.182	0.000	0.000	0.000	0.113	0.000	0.829
2 PERSONS	0.023	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.068
3 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4 PERSONS	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
5 PERSONS	0.000	0.000	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.057
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.023	0.068	0.227	0.046	0.000	0.000	0.000	0.364
FRIENDS HOME	-	0.000	0.057	0.034	0.000	0.000	0.000	0.000	0.091
CARAVAN/TENT	-	0.000	0.011	0.170	0.011	0.000	0.000	0.000	0.193
OTHER	-	0.000	0.023	0.136	0.000	0.000	0.000	0.000	0.159
NOT STATED	0.193	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.193
TOTAL	0.193	0.023	0.159	0.568	0.057	0.000	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0		0.023	0.000	0.170	0.000	0.000	0.000	0.000	0.000	0.000	0.193
1		0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.023
2		0.057	0.000	0.091	0.000	0.000	0.000	0.000	0.000	0.000	0.148
3-7		0.193	0.000	0.068	0.170	0.000	0.000	0.000	0.113	0.000	0.545
8-14		0.023	0.000	0.057	0.011	0.000	0.000	0.000	0.000	0.000	0.091
15-28		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-56		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL		0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES		0.000	0.000	0.250	0.182	0.000	0.000	0.000	0.000	0.000	0.432
HOUSEHOLD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EMPLOYER		0.295	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.455
OTHER		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.113	0.000	0.113
NOT STATED		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL		0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA		0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
0-100		0.023	0.000	0.023	0.170	0.000	0.000	0.000	0.000	0.000	0.216
101-150		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151-200		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.113	0.000	0.113
201-300		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
301-400		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
401-600		0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.023
601-800		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
801-1000		0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
OVER 1000		0.273	0.000	0.307	0.011	0.000	0.000	0.000	0.000	0.000	0.591
TOTAL		0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.011
\$8001-10000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.113	0.113
\$10001-15000	0.011	0.000	0.261	0.170	0.000	0.000	0.000	0.000	0.443
\$15001-20000	0.023	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.034
\$20001-25000	0.011	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.057
\$25001-30000	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.028
OVER \$30000	0.250	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.273
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
REGION 801	0.000	0.000	0.068	0.170	0.000	0.000	0.000	0.113	0.352
REGION 802	0.080	0.000	0.091	0.000	0.000	0.000	0.000	0.000	0.171
REGION 604	0.000	0.000	0.170	0.000	0.000	0.000	0.000	0.000	0.170
REGION 501	0.046	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.125
REGION 101	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.113
REGION 401	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.057
REGION 302	0.000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.011
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 212	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.295	0.000	0.410	0.182	0.000	0.000	0.000	0.113	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	8063
NOT DELIVERED .....	350
NET DISTRIBUTION .....	7713
TOTAL RETURNS .....	3742
UNUSABLE RETURNS .....	90
NET RETURNS .....	3652
RESPONSE RATE .....	0.47

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	6084
EFFECTIVE H'HOLDS .....	3584
GENERATION RATE .....	1.345
RELATIVE ERROR .....	0.044

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.110	0.457	0.263	0.085	0.022	0.026	0.036	
RELATIVE ERROR		0.066	0.024	0.037	0.071	0.129	0.130	0.114	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.128	0.090	0.073	0.063	0.056	0.051	0.047	0.043	0.041	0.038	0.026	0.020	0.016	0.013	0.010	0.008

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE										NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9	OVER 9				
\$0-2000	0.002	0.008	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017	1.000	0.331
\$2001-4000	0.016	0.011	0.004	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.644	0.140
\$4001-6000	0.005	0.031	0.012	0.010	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.060	1.029	0.137
\$6001-8000	0.004	0.026	0.010	0.018	0.013	0.004	0.001	0.000	0.000	0.000	0.001	0.078	1.529	0.103
\$8001-10000	0.009	0.034	0.031	0.044	0.005	0.006	0.004	0.000	0.006	0.000	0.000	0.132	1.736	0.085
\$10001-15000	0.010	0.043	0.044	0.074	0.039	0.004	0.001	0.003	0.001	0.000	0.002	0.220	2.028	0.074
\$15001-20000	0.011	0.030	0.047	0.041	0.030	0.009	0.007	0.002	0.001	0.000	0.000	0.177	1.987	0.077
\$20001-25000	0.002	0.029	0.016	0.041	0.018	0.008	0.001	0.000	0.000	0.002	0.000	0.117	2.237	0.116
\$25001-30000	0.001	0.010	0.005	0.012	0.017	0.004	0.000	0.001	0.000	0.000	0.000	0.052	2.867	0.157
OVER \$30000	0.002	0.010	0.004	0.022	0.005	0.013	0.003	0.003	0.000	0.000	0.000	0.063	3.295	0.149
NOT STATED	0.004	0.013	0.003	0.014	0.009	0.000	0.006	0.000	0.001	0.000	0.000	0.050	1.328	0.161
TOTAL	0.067	0.246	0.178	0.285	0.138	0.048	0.022	0.009	0.003	0.002	0.002	1.000		
AVE TRIPS/H'HOLD	0.832	1.306	1.703	2.284	2.701	2.354	3.829	2.786	2.273	3.500	0.811			
RELATIVE ERROR	0.108	0.056	0.075	0.063	0.113	0.164	0.304	0.457	0.497	0.714	0.728			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
DELIVER FREIGHT	0.000	0.001	0.009	0.033	0.000	0.000	0.001	0.000	0.000	0.044
OTHER BUSINESS	0.023	0.001	0.098	0.005	0.000	0.000	0.011	0.000	0.002	0.140
VISITING FRIENDS	0.016	0.002	0.272	0.000	0.000	0.000	0.015	0.000	0.008	0.313
RECREATION	0.003	0.010	0.198	0.002	0.001	0.000	0.004	0.000	0.001	0.220
HOLIDAY	0.007	0.002	0.072	0.000	0.000	0.001	0.004	0.000	0.000	0.087
PERSONAL AFFAIRS	0.004	0.001	0.118	0.003	0.000	0.000	0.005	0.000	0.000	0.132
OTHER	0.002	0.003	0.050	0.000	0.000	0.000	0.002	0.000	0.001	0.058
NOT STATED	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.006
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
1 PERSON	0.035	0.013	0.196	0.033	0.001	0.000	0.025	0.000	0.005	0.309
2 PERSONS	0.013	0.005	0.226	0.002	0.000	0.001	0.014	0.000	0.001	0.262
3 PERSONS	0.003	0.000	0.133	0.001	0.000	0.000	0.000	0.000	0.000	0.137
4 PERSONS	0.005	0.003	0.144	0.008	0.000	0.000	0.001	0.000	0.002	0.162
5 PERSONS	0.000	0.000	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.087
6 PERSONS	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.005	0.036
7 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
8 PERSONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.046	0.034	0.052	0.009	0.004	0.000	0.000	0.145
FRIENDS HOME	-	0.079	0.117	0.074	0.018	0.013	0.001	0.000	0.304
CARAVAN/TENT	-	0.018	0.025	0.015	0.003	0.004	0.001	0.000	0.068
OTHER	-	0.017	0.027	0.027	0.006	0.001	0.001	0.000	0.080
NOT STATED	0.393	0.000	0.003	0.000	0.001	0.000	0.000	0.006	0.403
TOTAL	0.393	0.161	0.206	0.169	0.037	0.022	0.003	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								TOTAL	
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.006	0.008	0.314	0.030	0.001	0.000	0.007	0.000	0.010	0.375
1	0.005	0.001	0.132	0.008	0.000	0.000	0.008	0.000	0.002	0.156
2	0.010	0.005	0.176	0.002	0.000	0.000	0.009	0.001	0.001	0.205
3-7	0.019	0.004	0.131	0.002	0.000	0.000	0.011	0.000	0.001	0.169
8-14	0.007	0.001	0.034	0.000	0.000	0.001	0.002	0.000	0.000	0.046
15-28	0.007	0.001	0.022	0.000	0.000	0.000	0.002	0.000	0.000	0.032
29-56	0.002	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.008
OVER 56	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NOT STATED	0.000	0.000	0.006	0.001	0.000	0.000	0.001	0.000	0.000	0.009
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								TOTAL	
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.003	0.002	0.507	0.011	0.001	0.000	0.002	0.001	0.010	0.537
HOUSEHOLD	0.027	0.016	0.222	0.001	0.000	0.001	0.030	0.000	0.003	0.301
EMPLOYER	0.022	0.002	0.049	0.031	0.000	0.000	0.001	0.000	0.001	0.104
OTHER	0.001	0.001	0.010	0.000	0.000	0.000	0.007	0.000	0.000	0.019
NOT STATED	0.002	0.000	0.034	0.001	0.000	0.000	0.001	0.000	0.000	0.038
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								TOTAL	
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.016
0-100	0.001	0.003	0.249	0.013	0.001	0.000	0.013	0.000	0.007	0.288
101-150	0.001	0.004	0.204	0.012	0.000	0.000	0.011	0.000	0.003	0.235
151-200	0.002	0.002	0.098	0.003	0.000	0.000	0.001	0.000	0.000	0.107
201-300	0.006	0.003	0.105	0.012	0.000	0.000	0.006	0.000	0.001	0.134
301-400	0.001	0.004	0.051	0.002	0.000	0.000	0.001	0.000	0.001	0.059
401-600	0.006	0.001	0.032	0.001	0.000	0.000	0.002	0.000	0.002	0.048
601-800	0.015	0.001	0.029	0.000	0.000	0.000	0.002	0.000	0.000	0.014
801-1000	0.002	0.000	0.011	0.001	0.000	0.000	0.001	0.000	0.000	0.054
OVER 1000	0.022	0.001	0.028	0.001	0.000	0.001	0.001	0.000	0.001	1.000
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.001	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.017
\$2001-4000	0.001	0.004	0.023	0.000	0.000	0.000	0.005	0.000	0.000	0.034
\$4001-6000	0.001	0.002	0.040	0.005	0.000	0.000	0.010	0.000	0.002	0.060
\$6001-8000	0.003	0.000	0.066	0.000	0.000	0.000	0.006	0.000	0.002	0.078
\$8001-10000	0.002	0.003	0.107	0.017	0.000	0.000	0.002	0.000	0.001	0.132
\$10001-15000	0.011	0.003	0.183	0.011	0.000	0.001	0.009	0.000	0.002	0.220
\$15001-20000	0.016	0.002	0.154	0.001	0.000	0.000	0.002	0.000	0.001	0.177
\$20001-25000	0.005	0.004	0.097	0.003	0.000	0.000	0.002	0.000	0.007	0.117
\$25001-30000	0.009	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.052
OVER \$30000	0.006	0.001	0.050	0.004	0.001	0.000	0.001	0.000	0.000	0.063
NOT STATED	0.001	0.000	0.043	0.002	0.000	0.000	0.002	0.000	0.000	0.050
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 214	0.011	0.002	0.084	0.009	0.000	0.000	0.016	0.000	0.001	0.124
REGION 311	0.005	0.002	0.090	0.006	0.000	0.000	0.002	0.000	0.002	0.107
REGION 401	0.007	0.002	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.035
REGION 307	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.035
REGION 211	0.002	0.000	0.030	0.001	0.000	0.000	0.002	0.000	0.000	0.034
REGION 213	0.000	0.001	0.030	0.000	0.000	0.000	0.001	0.000	0.000	0.031
REGION 210	0.000	0.004	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.031
REGION 501	0.004	0.001	0.021	0.001	0.000	0.000	0.002	0.000	0.000	0.029
REGION 101	0.002	0.002	0.017	0.006	0.000	0.000	0.002	0.000	0.000	0.029
REGION 402	0.005	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.028
REGION 306	0.000	0.001	0.025	0.000	0.000	0.000	0.000	0.000	0.002	0.028
REGION 209	0.000	0.000	0.023	0.001	0.000	0.000	0.001	0.000	0.000	0.026
REGION 208	0.000	0.000	0.020	0.000	0.000	0.000	0.004	0.000	0.000	0.024
REGION 212	0.000	0.000	0.021	0.000	0.000	0.000	0.003	0.000	0.000	0.023
REGION 608	0.003	0.000	0.015	0.004	0.000	0.000	0.001	0.000	0.000	0.023
REGION 404	0.001	0.000	0.019	0.002	0.000	0.000	0.000	0.000	0.000	0.023
REGION 308	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.001	0.020
REGION 202	0.001	0.000	0.010	0.003	0.000	0.000	0.001	0.000	0.005	0.020
REGION 201	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.018
REGION 207	0.001	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.017
OTHER REGIONS	0.016	0.005	0.252	0.010	0.000	0.001	0.005	0.001	0.002	0.293
TOTAL	0.056	0.021	0.821	0.044	0.001	0.001	0.040	0.001	0.014	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	102
NOT DELIVERED .....	1
NET DISTRIBUTION .....	101
TOTAL RETURNS .....	53
UNUSABLE RETURNS .....	0
NET RETURNS .....	53
RESPONSE RATE .....	0.52

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	75
EFFECTIVE H'HOLDS .....	52
GENERATION RATE .....	1.442
RELATIVE ERROR .....	0.235

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.075	0.358	0.434	0.038	0.075	0.000	0.000*	0.019	1.000	
0.485	0.186	0.158	0.700	0.485	0.000*	0.000	1.000		

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.157	0.814	0.661	0.569	0.507	0.460	0.424	0.394	0.370	0.349	0.232	0.178	0.142	0.116	0.095	0.076

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$8001-10000	0.000	0.053	0.080	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.293	3.667	0.491
\$10001-15000	0.000	0.107	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.187	0.933	0.437
\$15001-20000	0.000	0.053	0.000	0.040	0.027	0.000	0.000	0.000	0.000	0.000	0.120	1.125	0.426
\$20001-25000	0.000	0.053	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.107	2.667	0.500
\$25001-30000	0.040	0.000	0.000	0.000	0.040	0.000	0.013	0.000	0.000	0.000	0.098	1.750	0.429
OVER \$30000	0.000	0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.133	3.333	1.000
NOT STATED	0.000	0.000	0.000	0.040	0.027	0.000	0.000	0.000	0.000	0.000	0.067	2.500	0.200
TOTAL	0.040	0.400	0.080	0.373	0.093	0.000	0.013	0.000	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.600	2.143	0.500	2.545	1.167	0.000*	1.000	0.000	0.000	0.000	0.000		
RELATIVE ERROR	1.000	0.359	0.674	0.418	0.465	0.000*	0.000*	0.000*	0.000*	0.000*	0.000*		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.107	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.173
VISITING FRIENDS	0.027	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.187
RECREATION	0.013	0.000	0.360	0.000	0.000	0.000	0.000	0.000	0.000	0.373
HOLIDAY	0.000	0.000	0.147	0.000	0.000	0.000	0.000	0.000	0.000	0.147
PERSONAL AFFAIRS	0.000	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.067
OTHER	0.027	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.053
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.173	0.000	0.827	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.120	0.000	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.320
2 PERSONS	0.053	0.000	0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.267
3 PERSONS	0.000	0.000	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.200
4 PERSONS	0.000	0.000	0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.213
5 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.173	0.000	0.827	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.053	0.173	0.000	0.053	0.000	0.000	0.000	0.000	0.280
FRIENDS HOME	-	0.053	0.147	0.173	0.000	0.000	0.000	0.000	0.000	0.373
CARAVAN/TENT	-	0.000	0.053	0.040	0.000	0.000	0.000	0.000	0.000	0.093
OTHER	-	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027
NOT STATED	0.227	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.227
TOTAL	0.227	0.133	0.373	0.213	0.053	0.000	0.000	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0		0.067	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.227
1		0.053	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.080
2		0.000	0.000	0.320	0.000	0.000	0.000	0.000	0.000	0.000	0.320
3-7		0.027	0.000	0.227	0.000	0.000	0.000	0.000	0.000	0.000	0.253
8-14		0.027	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.120
15-28		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-56		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL		0.173	0.000	0.827	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES		0.000	0.000	0.427	0.000	0.000	0.000	0.000	0.000	0.000	0.427
HOUSEHOLD		0.040	0.000	0.360	0.000	0.000	0.000	0.000	0.000	0.000	0.400
EMPLOYER		0.133	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.160
OTHER		0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.013
NOT STATED		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL		0.173	0.000	0.827	0.000	0.000	0.000	0.000	0.000	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0-100		0.000	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.160
101-150		0.000	0.000	0.240	0.000	0.000	0.000	0.000	0.000	0.000	0.240
151-200		0.000	0.000	0.227	0.000	0.000	0.000	0.000	0.000	0.000	0.227
201-300		0.067	0.000	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.267
301-400		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
401-600		0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.107
601-800		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
801-1000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 1000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL		0.173	0.000	0.827	0.000	0.000	0.000	0.000	0.000	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

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NEW SOUTH WALES

AUGUST 1977

TRIPS IN SAMPLE ... 1943

PERFORMANCE SUMMARY

FORMS MAILED .....	2507
NOT DELIVERED .....	77
NET DISTRIBUTION ....	2430
TOTAL RETURNS .....	1037
UNUSABLE RETURNS ....	21
NET RETURNS .....	1016
RESPONSE RATE .....	0.42

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1943
EFFECTIVE H'HOLDS ....	996
GENERATION RATE .....	1.712
RELATIVE ERROR .....	0.119

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.122 0.117	0.406 0.051		0.286 0.067	0.075 0.145	0.029 0.215	0.028 0.232	0.054 0.180		1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.226	0.159	0.129	0.111	0.099	0.090	0.083	0.077	0.072	0.068	0.045	0.035	0.028	0.023	0.019	0.015

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL. ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.429	0.679
\$2001-4000	0.038	0.013	0.002	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.063	1.030	0.307
\$4001-6000	0.002	0.012	0.022	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.042	1.396	0.205
\$6001-8000	0.004	0.019	0.005	0.020	0.009	0.005	0.001	0.000	0.000	0.000	0.063	1.850	0.160
\$8001-10000	0.005	0.006	0.012	0.021	0.008	0.007	0.002	0.000	0.000	0.000	0.062	2.059	0.163
\$10001-15000	0.041	0.064	0.045	0.052	0.013	0.017	0.007	0.002	0.000	0.000	0.241	1.960	0.134
\$15001-20000	0.003	0.047	0.010	0.050	0.023	0.035	0.006	0.004	0.000	0.000	0.177	2.126	0.133
\$20001-25000	0.002	0.019	0.023	0.041	0.022	0.000	0.002	0.000	0.000	0.000	0.109	2.984	0.193
\$25001-30000	0.000	0.001	0.013	0.002	0.013	0.003	0.001	0.000	0.000	0.000	0.034	2.455	0.298
OVER \$30000	0.002	0.018	0.011	0.005	0.010	0.003	0.007	0.000	0.000	0.000	0.055	3.351	0.356
NOT STATED	0.006	0.021	0.101	0.020	0.005	0.000	0.000	0.000	0.000	0.000	0.153	2.103	0.381
TOTAL	0.102	0.221	0.245	0.226	0.105	0.069	0.023	0.007	0.000	0.000	0.002	1.000	
AVE TRIPS/H'HOLD	0.807	1.375	2.533	2.803	3.100	2.533	4.353	1.615	0.500	0.000	0.378		
RELATIVE ERROR	0.277	0.096	0.201	0.113	0.167	0.239	0.574	0.424	1.000	0.000*	0.697		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.011	0.025	0.000	0.000	0.000	0.000	0.000	0.037
OTHER BUSINESS	0.033	0.000	0.103	0.000	0.000	0.000	0.002	0.000	0.030	0.168
VISITING FRIENDS	0.000	0.002	0.329	0.001	0.009	0.000	0.011	0.000	0.001	0.353
RECREATION	0.005	0.011	0.115	0.001	0.004	0.000	0.006	0.000	0.001	0.143
HOLIDAY	0.008	0.014	0.136	0.000	0.000	0.000	0.002	0.000	0.000	0.160
PERSONAL AFFAIRS	0.012	0.004	0.087	0.001	0.000	0.000	0.005	0.000	0.000	0.109
OTHER	0.002	0.001	0.018	0.001	0.000	0.000	0.003	0.000	0.000	0.025
NOT STATED	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.004
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.030	0.019	0.192	0.018	0.007	0.000	0.022	0.000	0.002	0.290
2 PERSONS	0.014	0.004	0.269	0.006	0.006	0.000	0.002	0.000	0.001	0.303
3 PERSONS	0.011	0.009	0.105	0.005	0.000	0.000	0.000	0.000	0.000	0.131
4 PERSONS	0.006	0.000	0.153	0.000	0.000	0.000	0.005	0.000	0.000	0.164
5 PERSONS	0.000	0.002	0.068	0.000	0.000	0.000	0.000	0.000	0.000	0.070
6 PERSONS	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
7 PERSONS	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.030	0.032
8 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.049	0.034	0.069	0.010	0.002	0.000	0.000	0.001	0.165
FRIENDS HOME	-	0.050	0.184	0.110	0.038	0.009	0.002	0.000	0.000	0.394
CARAVAN/TENT	-	0.009	0.005	0.025	0.011	0.002	0.000	0.000	0.000	0.053
OTHER	-	0.006	0.019	0.021	0.004	0.002	0.001	0.000	0.000	0.054
NOT STATED	0.322	0.001	0.003	0.001	0.001	0.001	0.001	0.000	0.006	0.335
TOTAL	0.322	0.116	0.244	0.226	0.064	0.016	0.004	0.001	0.007	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.008	0.010	0.233	0.014	0.003	0.000	0.007	0.000	0.001	0.276
1	0.003	0.001	0.097	0.008	0.007	0.000	0.004	0.000	0.030	0.150
2	0.004	0.003	0.211	0.003	0.003	0.000	0.003	0.000	0.000	0.228
3-7	0.038	0.015	0.152	0.002	0.000	0.000	0.012	0.000	0.001	0.220
8-14	0.003	0.003	0.075	0.000	0.000	0.000	0.001	0.000	0.000	0.081
15-28	0.004	0.003	0.012	0.000	0.000	0.000	0.001	0.000	0.000	0.021
29-56	0.000	0.000	0.014	0.000	0.000	0.000	0.001	0.000	0.000	0.016
OVER 56	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NOT STATED	0.000	0.000	0.004	0.002	0.000	0.000	0.000	0.000	0.001	0.007
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.001	0.432	0.018	0.007	0.000	0.001	0.000	0.001	0.461
HOUSEHOLD	0.030	0.031	0.176	0.000	0.006	0.000	0.024	0.000	0.031	0.298
EMPLOYER	0.026	0.000	0.046	0.011	0.000	0.000	0.000	0.000	0.000	0.083
OTHER	0.004	0.000	0.012	0.000	0.000	0.000	0.002	0.000	0.000	0.018
NOT STATED	0.001	0.001	0.132	0.001	0.000	0.000	0.001	0.000	0.002	0.140
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRAL-GA	0.000	0.001	0.016	0.001	0.001	0.000	0.000	0.000	0.001	0.021
0-100	0.000	0.005	0.201	0.007	0.001	0.000	0.013	0.000	0.031	0.258
101-150	0.001	0.009	0.119	0.010	0.001	0.000	0.005	0.000	0.001	0.146
151-200	0.000	0.000	0.070	0.002	0.000	0.000	0.003	0.000	0.000	0.075
201-300	0.003	0.002	0.113	0.004	0.003	0.000	0.001	0.000	0.000	0.125
301-400	0.000	0.012	0.168	0.003	0.000	0.000	0.004	0.000	0.000	0.189
401-600	0.012	0.001	0.052	0.001	0.000	0.000	0.002	0.000	0.000	0.068
601-800	0.026	0.000	0.037	0.002	0.000	0.000	0.000	0.000	0.000	0.066
801-1000	0.003	0.000	0.003	0.000	0.006	0.000	0.000	0.000	0.000	0.012
OVER 1000	0.015	0.003	0.020	0.000	0.000	0.000	0.002	0.000	0.000	0.039
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
\$2001-4000	0.001	0.002	0.021	0.005	0.000	0.000	0.004	0.000	0.030	0.063
\$4001-6000	0.001	0.000	0.039	0.000	0.000	0.000	0.001	0.000	0.001	0.042
\$6001-8000	0.000	0.000	0.059	0.001	0.000	0.000	0.002	0.000	0.000	0.063
\$8001-10000	0.000	0.003	0.057	0.001	0.000	0.000	0.001	0.000	0.000	0.062
\$10001-15000	0.005	0.014	0.209	0.003	0.006	0.000	0.005	0.000	0.000	0.241
\$15001-20000	0.011	0.005	0.141	0.007	0.003	0.000	0.009	0.000	0.000	0.177
\$20001-25000	0.018	0.000	0.085	0.000	0.004	0.000	0.002	0.000	0.000	0.109
\$25001-30000	0.007	0.000	0.022	0.002	0.000	0.000	0.003	0.000	0.000	0.034
OVER \$30000	0.018	0.002	0.028	0.005	0.000	0.000	0.003	0.000	0.000	0.055
NOT STATED	0.002	0.008	0.136	0.005	0.000	0.000	0.001	0.000	0.002	0.153
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 214	0.009	0.016	0.157	0.005	0.001	0.000	0.012	0.000	0.032	0.231
REGION 202	0.000	0.000	0.137	0.009	0.000	0.000	0.000	0.000	0.000	0.146
REGION 211	0.001	0.000	0.053	0.001	0.000	0.000	0.003	0.000	0.001	0.060
REGION 203	0.000	0.000	0.050	0.001	0.003	0.000	0.000	0.000	0.000	0.054
REGION 212	0.000	0.000	0.040	0.003	0.000	0.000	0.005	0.000	0.000	0.047
REGION 213	0.000	0.000	0.043	0.000	0.000	0.000	0.001	0.000	0.000	0.045
REGION 401	0.008	0.001	0.026	0.008	0.000	0.000	0.000	0.000	0.000	0.044
REGION 208	0.000	0.000	0.039	0.000	0.003	0.000	0.000	0.000	0.000	0.043
REGION 210	0.000	0.011	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.042
REGION 311	0.015	0.000	0.024	0.002	0.000	0.000	0.000	0.000	0.000	0.042
REGION 207	0.000	0.000	0.027	0.000	0.000	0.000	0.001	0.000	0.000	0.029
REGION 216	0.000	0.000	0.026	0.000	0.000	0.000	0.001	0.000	0.000	0.028
REGION 215	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.001	0.027
REGION 101	0.001	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.025
REGION 209	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 201	0.000	0.000	0.015	0.000	0.000	0.000	0.001	0.000	0.000	0.016
REGION 402	0.001	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 205	0.000	0.000	0.009	0.000	0.006	0.000	0.000	0.000	0.000	0.015
REGION 501	0.001	0.000	0.008	0.001	0.000	0.000	0.001	0.000	0.000	0.012
REGION 408	0.005	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.008
OTHER REGIONS	0.016	0.005	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.051
TOTAL	0.061	0.034	0.799	0.030	0.013	0.000	0.029	0.000	0.034	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	1972
NOT DELIVERED .....	56
NET DISTRIBUTION .....	1916
TOTAL RETURNS .....	1000
UNUSABLE RETURNS .....	14
NET RETURNS .....	986
RESPONSE RATE .....	0.51

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1781
EFFECTIVE H'HOLDS .....	960
GENERATION RATE .....	1.715
RELATIVE ERROR .....	0.101

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.110	0.450	0.275	0.070	0.031	0.021	0.044	
RELATIVE ERROR		0.114	0.044	0.065	0.141	0.211	0.251	0.188	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.236	0.166	0.135	0.116	0.103	0.094	0.086	0.080	0.075	0.071	0.047	0.036	0.029	0.024	0.019	0.016

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.005	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.006	1.429	0.581	
\$2001-4000	0.008	0.022	0.001	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.042	0.748	0.201	
\$4001-6000	0.002	0.021	0.003	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.032	0.859	0.212	
\$6001-8000	0.002	0.017	0.003	0.035	0.008	0.034	0.000	0.000	0.000	0.000	0.100	1.940	0.272	
\$8001-10000	0.003	0.021	0.011	0.024	0.018	0.009	0.000	0.000	0.000	0.001	0.088	1.727	0.156	
\$10001-15000	0.007	0.028	0.034	0.084	0.031	0.018	0.000	0.001	0.001	0.000	0.205	2.154	0.111	
\$15001-20000	0.001	0.065	0.026	0.089	0.018	0.012	0.001	0.000	0.000	0.002	0.215	2.452	0.212	
\$20001-25000	0.003	0.006	0.007	0.027	0.055	0.014	0.003	0.022	0.000	0.000	0.137	2.754	0.211	
\$25001-30000	0.000	0.010	0.011	0.001	0.011	0.000	0.001	0.010	0.000	0.000	0.043	3.367	0.245	
OVER \$30000	0.000	0.008	0.011	0.034	0.010	0.008	0.008	0.009	0.000	0.000	0.088	4.033	0.232	
NOT STATED	0.000	0.003	0.012	0.019	0.009	0.001	0.000	0.000	0.000	0.000	0.045	0.958	0.273	
TOTAL	0.028	0.204	0.119	0.329	0.162	0.097	0.013	0.043	0.001	0.000	0.004	1.000		
AVE TRIPS/H'HOLD	0.458	1.315	1.426	3.177	3.079	3.261	2.333	5.900	1.000	0.000*	0.923			
RELATIVE ERROR	0.168	0.107	0.132	0.144	0.165	0.242	0.367	0.327	1.000	0.000*	0.581			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
DELIVER FREIGHT	0.000	0.000	0.006	0.009	0.000	0.000	0.000	0.000	0.015
OTHER BUSINESS	0.011	0.001	0.091	0.001	0.000	0.000	0.000	0.000	0.103
VISITING FRIENDS	0.010	0.001	0.282	0.000	0.000	0.000	0.007	0.000	0.301
RECREATION	0.001	0.010	0.187	0.001	0.000	0.000	0.007	0.000	0.206
HOLIDAY	0.014	0.006	0.168	0.000	0.000	0.000	0.002	0.001	0.192
PERSONAL AFFAIRS	0.000	0.000	0.109	0.000	0.000	0.000	0.001	0.000	0.114
OTHER	0.001	0.002	0.039	0.000	0.000	0.000	0.000	0.000	0.042
NOT STATED	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.001	0.028
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
1 PERSON	0.021	0.014	0.186	0.009	0.000	0.000	0.010	0.000	0.242
2 PERSONS	0.012	0.002	0.195	0.002	0.000	0.000	0.006	0.000	0.218
3 PERSONS	0.004	0.003	0.112	0.000	0.000	0.000	0.001	0.001	0.121
4 PERSONS	0.000	0.000	0.231	0.000	0.000	0.000	0.000	0.001	0.232
5 PERSONS	0.000	0.000	0.083	0.000	0.000	0.000	0.000	0.000	0.083
6 PERSONS	0.000	0.000	0.073	0.000	0.000	0.000	0.000	0.000	0.073
7 PERSONS	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.003	0.004
8 PERSONS	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.027
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	~	0.041	0.038	0.048	0.011	0.004	0.003	0.001	0.000
FRIENDS HOME	~	0.118	0.082	0.102	0.023	0.008	0.002	0.001	0.002
CARAVAN/TENT	~	0.003	0.023	0.035	0.013	0.003	0.001	0.003	0.000
OTHER	~	0.004	0.034	0.020	0.005	0.002	0.003	0.003	0.071
NOT STATED	0.357	0.000	0.001	0.001	0.000	0.000	0.000	0.004	0.366
TOTAL	0.357	0.165	0.177	0.206	0.051	0.018	0.009	0.012	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
0	0.003	0.006	0.334	0.004	0.000	0.000	0.003	0.000	0.351
1	0.003	0.000	0.140	0.005	0.000	0.000	0.001	0.000	0.150
2	0.001	0.001	0.167	0.002	0.000	0.000	0.001	0.000	0.174
3-7	0.015	0.009	0.170	0.001	0.000	0.000	0.008	0.001	0.207
8-14	0.008	0.002	0.050	0.000	0.000	0.000	0.002	0.000	0.061
15-28	0.005	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.026
29-56	0.001	0.001	0.012	0.000	0.000	0.000	0.000	0.000	0.014
OVER 56	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.012
NOT STATED	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.005
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
NO FARES	0.001	0.001	0.607	0.001	0.000	0.000	0.002	0.000	0.617
HOUSEHOLD	0.021	0.014	0.196	0.001	0.000	0.000	0.011	0.001	0.243
EMPLOYER	0.013	0.004	0.040	0.008	0.000	0.000	0.001	0.000	0.067
OTHER	0.001	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.007
NOT STATED	0.001	0.000	0.061	0.000	0.000	0.000	0.003	0.001	0.066
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
INTRA-LGA	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
0-100	0.000	0.006	0.230	0.002	0.000	0.000	0.001	0.000	0.240
101-150	0.000	0.003	0.284	0.001	0.000	0.000	0.002	0.000	0.292
151-200	0.000	0.000	0.093	0.001	0.000	0.000	0.004	0.000	0.099
201-300	0.000	0.008	0.126	0.002	0.000	0.000	0.002	0.000	0.139
301-400	0.003	0.001	0.033	0.000	0.000	0.000	0.000	0.000	0.038
401-600	0.006	0.000	0.033	0.000	0.000	0.000	0.004	0.001	0.044
601-800	0.012	0.000	0.045	0.005	0.000	0.000	0.000	0.000	0.062
801-1000	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.010
OVER 1000	0.016	0.001	0.048	0.001	0.000	0.000	0.002	0.000	0.071
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
\$0-2000	0.000	0.001	0.005	0.000	0.000	0.000	0.001	0.000	0.000	0.006
\$2001-4000	0.004	0.002	0.030	0.000	0.000	0.000	0.006	0.000	0.000	0.042
\$4001-6000	0.000	0.001	0.030	0.000	0.000	0.000	0.001	0.000	0.000	0.032
\$6001-8000	0.001	0.000	0.097	0.000	0.000	0.000	0.000	0.001	0.000	0.100
\$8001-10000	0.003	0.001	0.077	0.003	0.000	0.000	0.003	0.000	0.000	0.088
\$10001-15000	0.008	0.000	0.190	0.003	0.000	0.000	0.003	0.000	0.001	0.205
\$15001-20000	0.004	0.008	0.198	0.000	0.000	0.000	0.003	0.000	0.001	0.215
\$20001-25000	0.003	0.004	0.127	0.003	0.000	0.000	0.000	0.000	0.000	0.137
\$25001-30000	0.006	0.000	0.033	0.001	0.000	0.000	0.000	0.000	0.003	0.043
OVER \$30000	0.008	0.000	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.088
NOT STATED	0.001	0.002	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.045
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	0.005	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
REGION 311	0.000	0.002	0.193	0.001	0.000	0.000	0.006	0.000	0.001	0.203
REGION 306	0.000	0.001	0.101	0.000	0.000	0.000	0.000	0.000	0.000	0.102
REGION 301	0.000	0.000	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.095
REGION 307	0.000	0.004	0.087	0.000	0.000	0.000	0.002	0.000	0.000	0.094
REGION 310	0.000	0.002	0.088	0.001	0.000	0.000	0.000	0.000	0.000	0.092
REGION 309	0.000	0.000	0.046	0.000	0.000	0.000	0.001	0.000	0.000	0.048
REGION 305	0.000	0.001	0.031	0.001	0.000	0.000	0.004	0.000	0.000	0.037
REGION 302	0.001	0.004	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.037
REGION 308	0.000	0.001	0.032	0.001	0.000	0.000	0.000	0.000	0.000	0.034
REGION 303	0.000	0.001	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.029
REGION 206	0.000	0.000	0.021	0.001	0.000	0.000	0.001	0.000	0.000	0.023
REGION 304	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.022
REGION 214	0.008	0.000	0.009	0.003	0.000	0.000	0.000	0.000	0.000	0.021
REGION 401	0.003	0.000	0.016	0.001	0.000	0.000	0.000	0.000	0.000	0.015
REGION 501	0.003	0.000	0.011	0.000	0.000	0.000	0.002	0.000	0.000	0.015
REGION 402	0.001	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 210	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.001	0.000	0.011
REGION 204	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 701	0.005	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 403	0.002	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.009
OTHER REGIONS	0.014	0.001	0.054	0.002	0.000	0.000	0.000	0.000	0.003	0.074
TOTAL	0.037	0.019	0.908	0.011	0.000	0.000	0.017	0.001	0.005	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	1539
NOT DELIVERED .....	46
NET DISTRIBUTION .....	1493
 TOTAL RETURNS .....	681
UNUSABLE RETURNS .....	9
NET RETURNS .....	672
 RESPONSE RATE .....	0.45

TRIP GENERATION SUMMARY

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EFFECTIVE H'HOLDS .....	658
GENERATION RATE .....	2.138
RELATIVE ERROR .....	0.164

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.112	0.400	0.300	0.077	0.033	0.031	0.047	1.000		
0.140	0.061	0.074	0.174	0.274	0.249	0.234			

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.252	0.177	0.144	0.124	0.110	0.100	0.092	0.086	0.080	0.076	0.051	0.039	0.031	0.025	0.021	0.017

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.000	0.000	0.001	0.002	0.004	0.000	0.001	0.000	0.000	0.007	2.300	0.601	
\$2001-4000	0.009	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.500	0.260	
\$4001-6000	0.003	0.020	0.006	0.002	0.000	0.000	0.000	0.008	0.000	0.000	0.038	1.179	0.291	
\$6001-8000	0.007	0.005	0.018	0.015	0.009	0.000	0.000	0.000	0.000	0.000	0.054	1.177	0.293	
\$8001-10000	0.007	0.014	0.013	0.012	0.007	0.008	0.003	0.002	0.000	0.000	0.066	2.135	0.253	
\$10001-15000	0.011	0.021	0.050	0.078	0.018	0.007	0.003	0.000	0.000	0.000	0.188	2.480	0.150	
\$15001-20000	0.000	0.046	0.018	0.040	0.041	0.012	0.014	0.000	0.000	0.000	0.171	3.427	0.248	
\$20001-25000	0.002	0.005	0.144	0.006	0.069	0.009	0.000	0.012	0.000	0.000	0.246	5.976	0.425	
\$25001-30000	0.000	0.008	0.002	0.006	0.007	0.009	0.000	0.004	0.000	0.000	0.036	3.563	0.208	
OVER \$30000	0.000	0.000	0.009	0.012	0.027	0.001	0.062	0.001	0.002	0.000	0.120	5.846	0.312	
NOT STATED	0.001	0.004	0.002	0.015	0.017	0.000	0.000	0.012	0.000	0.000	0.050	1.145	0.272	
TOTAL	0.040	0.129	0.268	0.185	0.196	0.051	0.082	0.015	0.026	0.000	0.007	1.000		
AVE TRIPS/H'HOLD	0.750	1.440	2.916	2.735	3.592	3.758	8.333	2.583	8.111	0.000	0.667			
RELATIVE ERROR	0.266	0.275	0.319	0.159	0.207	0.268	0.409	0.299	0.455	0.000*	0.533			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.004	0.008	0.000	0.000	0.000	0.000	0.000	0.012
OTHER BUSINESS	0.022	0.000	0.084	0.000	0.000	0.000	0.000	0.000	0.000	0.107
VISITING FRIENDS	0.020	0.014	0.320	0.000	0.004	0.000	0.005	0.000	0.001	0.364
RECREATION	0.004	0.014	0.129	0.006	0.000	0.000	0.001	0.000	0.002	0.156
HOLIDAY	0.008	0.010	0.151	0.007	0.000	0.000	0.002	0.000	0.019	0.196
PERSONAL AFFAIRS	0.007	0.000	0.077	0.006	0.000	0.000	0.000	0.000	0.001	0.092
OTHER	0.005	0.000	0.054	0.001	0.000	0.000	0.000	0.002	0.002	0.065
NOT STATED	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.008
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.035	0.019	0.127	0.016	0.000	0.000	0.006	0.002	0.003	0.208
2 PERSONS	0.008	0.010	0.144	0.001	0.000	0.000	0.001	0.000	0.001	0.165
3 PERSONS	0.021	0.002	0.246	0.001	0.000	0.000	0.000	0.000	0.018	0.288
4 PERSONS	0.001	0.000	0.158	0.012	0.000	0.000	0.000	0.000	0.002	0.173
5 PERSONS	0.000	0.007	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.073
6 PERSONS	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.001	0.023
7 PERSONS	0.000	0.000	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.054
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
OVER 9 PERSONS	0.000	0.000	0.009	0.000	0.004	0.000	0.000	0.000	0.000	0.013
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.038	0.023	0.038	0.002	0.019	0.000	0.000	0.119
FRIENDS HOME	-	0.033	0.055	0.282	0.038	0.007	0.002	0.000	0.417
CARAVAN/TENT	-	0.007	0.005	0.023	0.017	0.004	0.001	0.000	0.061
OTHER	-	0.009	0.033	0.009	0.064	0.002	0.000	0.001	0.119
NOT STATED	0.262	0.001	0.000	0.009	0.004	0.002	0.001	0.000	0.284
TOTAL	0.262	0.088	0.116	0.361	0.126	0.034	0.004	0.001	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.004	0.010	0.215	0.011	0.000	0.000	0.000	0.002	0.005	0.248
1	0.012	0.000	0.066	0.007	0.000	0.000	0.001	0.000	0.000	0.086
2	0.003	0.000	0.092	0.000	0.000	0.000	0.000	0.000	0.000	0.095
3-7	0.028	0.014	0.310	0.004	0.000	0.000	0.002	0.000	0.001	0.359
8-14	0.016	0.007	0.106	0.006	0.000	0.000	0.002	0.000	0.001	0.138
15-28	0.003	0.005	0.025	0.000	0.004	0.000	0.001	0.000	0.019	0.057
29-56	0.001	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.005
OVER 56	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.002
NOT STATED	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.003	0.000	0.389	0.015	0.004	0.000	0.001	0.000	0.006	0.419
HOUSEHOLD	0.041	0.038	0.195	0.014	0.000	0.000	0.004	0.000	0.020	0.312
EMPLOYER	0.018	0.000	0.040	0.001	0.000	0.000	0.000	0.002	0.000	0.061
OTHER	0.003	0.000	0.012	0.000	0.000	0.000	0.002	0.000	0.000	0.017
NOT STATED	0.002	0.000	0.190	0.000	0.000	0.000	0.000	0.000	0.000	0.192
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRALGA	0.000	0.000	0.030	0.006	0.000	0.000	0.000	0.001	0.000	0.037
0-100	0.002	0.002	0.322	0.007	0.000	0.000	0.000	0.000	0.002	0.335
101-150	0.000	0.010	0.149	0.004	0.000	0.000	0.000	0.001	0.002	0.167
151-200	0.000	0.004	0.091	0.001	0.000	0.000	0.000	0.000	0.000	0.096
201-300	0.001	0.003	0.037	0.001	0.000	0.000	0.000	0.000	0.001	0.043
301-400	0.002	0.001	0.023	0.001	0.000	0.000	0.001	0.000	0.000	0.028
401-600	0.004	0.006	0.034	0.002	0.000	0.000	0.001	0.000	0.000	0.046
601-800	0.025	0.002	0.028	0.001	0.000	0.000	0.002	0.000	0.000	0.057
801-1000	0.004	0.000	0.045	0.000	0.004	0.000	0.000	0.000	0.018	0.072
OVER 1000	0.028	0.010	0.067	0.007	0.000	0.000	0.003	0.000	0.001	0.116
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.001	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.007
\$2001-4000	0.003	0.004	0.014	0.000	0.000	0.000	0.003	0.000	0.000	0.024
\$4001-6000	0.000	0.010	0.024	0.002	0.000	0.000	0.001	0.000	0.001	0.038
\$6001-8000	0.001	0.003	0.049	0.001	0.000	0.000	0.000	0.000	0.000	0.054
\$8001-10000	0.003	0.006	0.052	0.005	0.000	0.000	0.000	0.000	0.001	0.066
\$10001-15000	0.013	0.001	0.160	0.008	0.004	0.000	0.000	0.000	0.002	0.188
\$15001-20000	0.004	0.011	0.127	0.008	0.000	0.000	0.000	0.002	0.019	0.171
\$20001-25000	0.012	0.000	0.227	0.006	0.000	0.000	0.000	0.000	0.002	0.246
\$25001-30000	0.007	0.000	0.028	0.000	0.000	0.000	0.001	0.000	0.000	0.036
OVER \$30000	0.022	0.002	0.093	0.001	0.000	0.000	0.002	0.000	0.001	0.120
NOT STATED	0.001	0.001	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.050
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 403	0.000	0.001	0.212	0.006	0.000	0.000	0.000	0.000	0.001	0.220
REGION 401	0.004	0.005	0.077	0.000	0.000	0.000	0.000	0.000	0.000	0.086
REGION 402	0.000	0.002	0.076	0.000	0.000	0.000	0.000	0.000	0.001	0.080
REGION 404	0.001	0.000	0.078	0.000	0.000	0.000	0.001	0.000	0.000	0.080
REGION 408	0.008	0.005	0.040	0.001	0.004	0.000	0.001	0.000	0.019	0.078
REGION 407	0.004	0.001	0.052	0.006	0.000	0.000	0.003	0.002	0.000	0.069
REGION 410	0.002	0.000	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.064
REGION 412	0.000	0.003	0.052	0.002	0.000	0.000	0.000	0.000	0.000	0.057
REGION 214	0.023	0.001	0.016	0.000	0.000	0.000	0.001	0.000	0.000	0.042
REGION 201	0.000	0.007	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.041
REGION 405	0.002	0.000	0.028	0.002	0.000	0.000	0.000	0.000	0.000	0.033
REGION 406	0.001	0.001	0.021	0.004	0.000	0.000	0.000	0.000	0.004	0.031
REGION 411	0.000	0.000	0.023	0.001	0.000	0.000	0.000	0.000	0.000	0.024
REGION 409	0.002	0.000	0.012	0.006	0.000	0.000	0.000	0.000	0.000	0.020
REGION 311	0.009	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 202	0.000	0.007	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.013
REGION 101	0.002	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 308	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 801	0.004	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.005
REGION 207	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
OTHER REGIONS	0.004	0.004	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.024
TOTAL	0.066	0.038	0.827	0.029	0.004	0.000	0.007	0.002	0.026	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	1016
NOT DELIVERED .....	45
NET DISTRIBUTION .....	971
TOTAL RETURNS .....	574
UNUSABLE RETURNS .....	12
NET RETURNS .....	562
RESPONSE RATE .....	0.58

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1146
EFFECTIVE H'HOLDS .....	546
GENERATION RATE .....	1.533
RELATIVE ERROR .....	0.256

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE						NOT STATED	TOTAL
	0	1	2	3	4	OVER 4		
0.073 0.225	0.468 0.070	0.326 0.095	0.065 0.242	0.030 0.363	0.021 0.424	0.017 0.441	1.000	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.294	0.207	0.168	0.145	0.129	0.117	0.108	0.100	0.094	0.089	0.059	0.045	0.036	0.030	0.024	0.019

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.029	0.010	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.042	1.449	0.669
\$4001-6000	0.003	0.033	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047	1.106	0.312
\$6001-8000	0.001	0.012	0.004	0.024	0.033	0.000	0.000	0.000	0.000	0.000	0.073	2.062	0.245
\$8001-10000	0.012	0.018	0.047	0.017	0.004	0.001	0.000	0.000	0.000	0.000	0.100	3.368	0.633
\$10001-15000	0.007	0.046	0.018	0.043	0.016	0.000	0.001	0.001	0.000	0.000	0.133	2.063	0.251
\$15001-20000	0.000	0.024	0.073	0.033	0.031	0.007	0.000	0.000	0.000	0.056	0.224	1.851	0.203
\$20001-25000	0.000	0.006	0.001	0.011	0.009	0.000	0.000	0.000	0.000	0.000	0.027	2.348	0.531
\$25001-30000	0.000	0.015	0.000	0.240	0.004	0.000	0.000	0.000	0.000	0.000	0.259	8.000	0.835
OVER \$30000	0.000	0.008	0.015	0.007	0.002	0.000	0.000	0.003	0.000	0.000	0.035	5.222	0.280
NOT STATED	0.000	0.047	0.008	0.001	0.000	0.003	0.000	0.000	0.000	0.000	0.059	1.000	0.376
TOTAL	0.053	0.219	0.177	0.377	0.099	0.012	0.001	0.004	0.000	0.000	0.058	1.000	
AVE TRIPS/H'HOLD	1.800	1.039	3.764	2.899	3.019	1.438	0.125	2.125	0.000	0.000	3.286		
RELATIVE ERROR	0.553	0.121	0.597	0.271	0.294	0.666	1.000	0.686	0.000*	0.000*	0.711		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.007	0.010	0.000	0.000	0.000	0.000	0.000	0.016
OTHER BUSINESS	0.016	0.000	0.131	0.000	0.000	0.000	0.001	0.000	0.000	0.148
VISITING FRIENDS	0.022	0.025	0.196	0.000	0.000	0.000	0.034	0.000	0.000	0.276
RECREATION	0.000	0.009	0.341	0.000	0.000	0.000	0.000	0.000	0.000	0.350
HOLIDAY	0.005	0.001	0.066	0.000	0.000	0.001	0.002	0.000	0.000	0.075
PERSONAL AFFAIRS	0.001	0.001	0.051	0.000	0.000	0.000	0.000	0.004	0.004	0.060
OTHER	0.004	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.069
NOT STATED	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.027	0.014	0.176	0.007	0.000	0.000	0.001	0.004	0.004	0.233
2 PERSONS	0.010	0.001	0.434	0.002	0.000	0.000	0.000	0.000	0.000	0.446
3 PERSONS	0.011	0.001	0.123	0.001	0.000	0.001	0.034	0.000	0.000	0.171
4 PERSONS	0.000	0.001	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.048
5 PERSONS	0.000	0.000	0.076	0.000	0.000	0.000	0.001	0.000	0.000	0.077
6 PERSONS	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.020	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.023
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.016	0.016	0.064	0.012	0.001	0.000	0.000	0.000	0.109
FRIENDS HOME	-	0.025	0.054	0.107	0.017	0.007	0.009	0.000	0.000	0.220
CARAVAN/TENT	-	0.000	0.055	0.031	0.001	0.001	0.000	0.000	0.004	0.092
OTHER	-	0.269	0.005	0.005	0.011	0.011	0.000	0.000	0.000	0.301
NOT STATED	0.275	0.001	0.000	0.001	0.000	0.001	0.001	0.000	0.001	0.279
TOTAL	0.275	0.312	0.130	0.208	0.041	0.020	0.010	0.000	0.005	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.001	0.021	0.241	0.007	0.000	0.000	0.001	0.000	0.000	0.271
1	0.004	0.000	0.065	0.003	0.000	0.000	0.000	0.002	0.000	0.074
2	0.000	0.000	0.122	0.000	0.000	0.000	0.000	0.001	0.004	0.128
3-7	0.009	0.007	0.140	0.000	0.000	0.000	0.033	0.000	0.000	0.190
8-14	0.007	0.008	0.021	0.000	0.000	0.000	0.001	0.000	0.000	0.035
15-28	0.013	0.001	0.258	0.000	0.000	0.001	0.001	0.000	0.000	0.274
29-56	0.014	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.023
OVER 56	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NOT STATED	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.004	0.000	0.416	0.003	0.000	0.000	0.000	0.004	0.000	0.427
HOUSEHOLD	0.038	0.016	0.101	0.000	0.000	0.001	0.003	0.000	0.004	0.163
EMPLOYER	0.006	0.000	0.055	0.007	0.000	0.000	0.000	0.000	0.000	0.068
OTHER	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NOT STATED	0.000	0.020	0.288	0.000	0.000	0.000	0.033	0.000	0.000	0.341
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0-100	0.000	0.005	0.472	0.000	0.000	0.000	0.000	0.004	0.000	0.480
101-150	0.000	0.020	0.101	0.000	0.000	0.000	0.000	0.000	0.000	0.122
151-200	0.000	0.001	0.074	0.010	0.000	0.001	0.000	0.000	0.000	0.086
201-300	0.001	0.000	0.070	0.000	0.000	0.000	0.001	0.000	0.004	0.075
301-400	0.001	0.001	0.028	0.000	0.000	0.000	0.003	0.000	0.000	0.033
401-600	0.001	0.005	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.032
601-800	0.014	0.001	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.054
801-1000	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
OVER 1000	0.030	0.004	0.036	0.000	0.000	0.000	0.033	0.000	0.000	0.104
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.001	0.022	0.015	0.000	0.000	0.000	0.001	0.000	0.004	0.042
\$4001-6000	0.000	0.004	0.040	0.003	0.000	0.000	0.000	0.000	0.000	0.047
\$6001-8000	0.001	0.000	0.069	0.000	0.000	0.000	0.002	0.000	0.000	0.073
\$8001-10000	0.002	0.001	0.063	0.000	0.000	0.001	0.033	0.000	0.000	0.100
\$10001-15000	0.027	0.004	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.133
\$15001-20000	0.004	0.004	0.216	0.000	0.000	0.000	0.000	0.000	0.000	0.224
\$20001-25000	0.000	0.000	0.020	0.007	0.000	0.000	0.000	0.000	0.000	0.027
\$25001-30000	0.011	0.000	0.247	0.000	0.000	0.000	0.000	0.000	0.000	0.259
OVER \$30000	0.001	0.001	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.035
NOT STATED	0.000	0.000	0.055	0.000	0.000	0.000	0.000	0.004	0.000	0.059
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 507	0.000	0.000	0.352	0.000	0.000	0.000	0.002	0.000	0.000	0.354
REGION 501	0.002	0.025	0.074	0.003	0.000	0.000	0.001	0.000	0.000	0.106
REGION 505	0.000	0.000	0.101	0.000	0.000	0.000	0.000	0.000	0.000	0.101
REGION 503	0.000	0.001	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.094
REGION 504	0.000	0.000	0.039	0.000	0.000	0.000	0.000	0.004	0.000	0.043
REGION 703	0.007	0.000	0.000	0.000	0.000	0.000	0.033	0.000	0.000	0.040
REGION 311	0.013	0.001	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.038
REGION 506	0.000	0.000	0.035	0.000	0.000	0.001	0.000	0.000	0.000	0.037
REGION 214	0.016	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.023
REGION 508	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.004	0.023
REGION 302	0.000	0.000	0.008	0.007	0.000	0.000	0.000	0.000	0.000	0.015
REGION 204	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
REGION 401	0.000	0.001	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.014
REGION 509	0.000	0.004	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 101	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 502	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 305	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 308	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
REGION 801	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 310	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
OTHER REGIONS	0.002	0.004	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.031
TOTAL	0.048	0.036	0.861	0.010	0.000	0.001	0.036	0.004	0.004	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	528
NOT DELIVERED .....	57
NET DISTRIBUTION ....	471
TOTAL RETURNS .....	207
UNUSABLE RETURNS ....	4
NET RETURNS .....	203
RESPONSE RATE .....	0.43

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	328
EFFECTIVE H'HOLDS .....	202
GENERATION RATE .....	1.057
RELATIVE ERROR .....	0.191

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE		2	3	4	OVER 4	NOT STATED	TOTAL
	0	1						
0.060	0.411		0.285	0.102	0.041	0.061	0.040	
0.400	0.125		0.163	0.306	0.506	0.409	0.528	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION RELATIVE ERROR	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
	0.550	0.387	0.314	0.271	0.241	0.219	0.202	0.188	0.176	0.166	0.111	0.084	0.068	0.055	0.045	0.036

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.012	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	1.000	0.408
\$2001-4000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.083	1.000
\$4001-6000	0.001	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.583	0.446
\$6001-8000	0.000	0.023	0.035	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.064	0.857	0.517
\$8001-10000	0.000	0.007	0.004	0.005	0.001	0.005	0.000	0.000	0.000	0.000	0.022	0.909	0.298
\$10001-15000	0.001	0.152	0.053	0.112	0.035	0.007	0.000	0.004	0.000	0.000	0.364	1.705	0.200
\$15001-20000	0.001	0.061	0.041	0.082	0.004	0.036	0.006	0.014	0.000	0.000	0.245	2.133	0.232
\$20001-25000	0.001	0.009	0.000	0.014	0.007	0.127	0.000	0.000	0.000	0.000	0.157	2.632	0.345
\$25001-30000	0.000	0.000	0.012	0.008	0.006	0.000	0.000	0.000	0.001	0.000	0.027	2.000	0.465
OVER \$30000	0.000	0.021	0.005	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.037	4.857	0.369
NOT STATED	0.000	0.058	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.061	0.692	0.682
TOTAL	0.017	0.337	0.151	0.225	0.059	0.186	0.006	0.019	0.000	0.001	0.000	1.000	
AVE TRIPS/H'HOLD	0.250	1.689	1.464	1.833	1.250	3.500	6.000*	7.333	0.000*	1.000*	0.000*		
RELATIVE ERROR	0.361	0.187	0.226	0.244	0.401	0.310	0.000*	0.744	0.000*	0.000*	0.000*		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.002	0.013	0.000	0.000	0.000	0.000	0.000	0.016
OTHER BUSINESS	0.019	0.004	0.063	0.003	0.000	0.000	0.000	0.000	0.000	0.088
VISITING FRIENDS	0.002	0.013	0.188	0.026	0.001	0.000	0.003	0.000	0.000	0.232
RECREATION	0.037	0.001	0.103	0.000	0.000	0.000	0.000	0.002	0.000	0.143
HOLIDAY	0.003	0.026	0.238	0.000	0.000	0.000	0.000	0.000	0.000	0.267
PERSONAL AFFAIRS	0.004	0.000	0.081	0.012	0.000	0.000	0.003	0.000	0.046	0.146
OTHER	0.003	0.012	0.088	0.000	0.000	0.000	0.000	0.000	0.000	0.103
NOT STATED	0.000	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.004
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.002	0.046	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.032	0.051	0.090	0.022	0.001	0.000	0.001	0.000	0.000	0.197
2 PERSONS	0.030	0.000	0.260	0.025	0.000	0.000	0.004	0.002	0.046	0.367
3 PERSONS	0.006	0.000	0.136	0.009	0.000	0.000	0.000	0.000	0.000	0.152
4 PERSONS	0.000	0.004	0.147	0.000	0.000	0.000	0.000	0.000	0.000	0.151
5 PERSONS	0.000	0.000	0.116	0.000	0.000	0.000	0.000	0.000	0.000	0.116
6 PERSONS	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.016
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.002	0.046	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	--	0.025	0.022	0.102	0.012	0.000	0.000	0.000	0.161
FRIENDS HOME	--	0.031	0.087	0.117	0.015	0.003	0.000	0.000	0.252
CARAVAN/TENT	--	0.007	0.011	0.005	0.006	0.000	0.000	0.000	0.029
OTHER	--	0.008	0.180	0.029	0.002	0.000	0.000	0.006	0.225
NOT STATED	0.301	0.000	0.000	0.009	0.000	0.000	0.028	0.000	0.333
TOTAL	0.301	0.071	0.300	0.262	0.034	0.003	0.023	0.006	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
0	0.047	0.000	0.192	0.002	0.000	0.000	0.000	0.046	0.288
1	0.004	0.000	0.013	0.031	0.000	0.000	0.000	0.000	0.048
2	0.003	0.013	0.272	0.002	0.000	0.000	0.000	0.002	0.292
3-7	0.006	0.030	0.201	0.009	0.001	0.000	0.003	0.000	0.251
8-14	0.006	0.013	0.050	0.012	0.000	0.000	0.003	0.000	0.083
15-28	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.007
29-56	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.023
OVER 56	0.002	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.009
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.046	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
NO FARES	0.003	0.016	0.307	0.041	0.001	0.000	0.001	0.000	0.416
HOUSEHOLD	0.031	0.028	0.346	0.000	0.000	0.000	0.004	0.002	0.411
EMPLOYER	0.009	0.000	0.014	0.009	0.000	0.000	0.000	0.000	0.032
OTHER	0.014	0.012	0.016	0.000	0.000	0.000	0.000	0.000	0.041
NOT STATED	0.012	0.000	0.082	0.006	0.000	0.000	0.000	0.000	0.100
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.046	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
INTRA-LGA	0.001	0.000	0.016	0.006	0.000	0.000	0.000	0.000	0.023
0-100	0.000	0.000	0.177	0.000	0.000	0.000	0.000	0.046	0.223
101-150	0.000	0.000	0.166	0.012	0.000	0.000	0.000	0.000	0.178
151-200	0.000	0.000	0.063	0.027	0.000	0.000	0.000	0.000	0.090
201-300	0.001	0.013	0.101	0.000	0.000	0.000	0.000	0.002	0.117
301-400	0.003	0.017	0.071	0.000	0.000	0.000	0.002	0.000	0.093
401-600	0.012	0.000	0.035	0.000	0.001	0.000	0.003	0.000	0.050
601-800	0.002	0.001	0.027	0.000	0.000	0.000	0.000	0.000	0.030
801-1000	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.011
OVER 1000	0.049	0.024	0.099	0.012	0.000	0.000	0.001	0.000	0.185
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.046	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.012	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.015
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001
\$4001-6000	0.000	0.000	0.004	0.000	0.000	0.000	0.002	0.000	0.000	0.006
\$6001-8000	0.000	0.012	0.029	0.023	0.000	0.000	0.000	0.000	0.000	0.064
\$8001-10000	0.000	0.002	0.017	0.000	0.000	0.000	0.000	0.002	0.000	0.022
\$10001-15000	0.028	0.004	0.271	0.012	0.000	0.000	0.003	0.000	0.046	0.364
\$15001-20000	0.009	0.026	0.196	0.014	0.000	0.000	0.000	0.000	0.000	0.245
\$20001-25000	0.000	0.000	0.157	0.000	0.000	0.000	0.000	0.000	0.000	0.157
\$25001-30000	0.012	0.000	0.007	0.008	0.001	0.000	0.000	0.000	0.000	0.027
OVER \$30000	0.008	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.037
NOT STATED	0.012	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.061
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.002	0.046	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 608	0.011	0.017	0.270	0.015	0.001	0.000	0.003	0.000	0.046	0.363
REGION 602	0.000	0.000	0.215	0.000	0.000	0.000	0.000	0.000	0.000	0.215
REGION 601	0.001	0.013	0.062	0.023	0.000	0.000	0.000	0.000	0.000	0.099
REGION 603	0.013	0.001	0.052	0.000	0.000	0.000	0.002	0.000	0.000	0.068
REGION 605	0.001	0.000	0.024	0.012	0.000	0.000	0.000	0.002	0.000	0.038
REGION 213	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.036
REGION 507	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.035
REGION 609	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.029
REGION 604	0.000	0.000	0.019	0.005	0.000	0.000	0.000	0.000	0.000	0.023
REGION 209	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023
REGION 607	0.004	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 210	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013
REGION 305	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 501	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 801	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 606	0.000	0.000	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.007
REGION 401	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
REGION 508	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001
REGION 311	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
REGION 214	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.068	0.056	0.765	0.056	0.001	0.000	0.005	0.002	0.046	1.000

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**PERFORMANCE SUMMARY**

FORMS MAILED .....	252
NOT DELIVERED .....	15
NET DISTRIBUTION .....	237
 TOTAL RETURNS .....	106
UNUSABLE RETURNS .....	3
NET RETURNS .....	103
 RESPONSE RATE .....	0.43

**TRIP GENERATION SUMMARY**

TRIPS IN SAMPLE .....	200
EFFECTIVE H'HOLDS .....	101
GENERATION RATE .....	1.485
RELATIVE ERROR .....	0.163

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

**VEHICLES AVAILABLE**

PROPORTION	0		1		2		3		4		OVER 4		NOT STATED		TOTAL	
	0.094	0.361	0.351	0.081	0.074	0.403	0.749	0.023	0.016	0.707						
RELATIVE ERROR	0.342	0.144	0.149	0.379	0.403	0.749										1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.705	0.496	0.403	0.347	0.309	0.281	0.258	0.240	0.225	0.213	0.142	0.108	0.087	0.071	0.058	0.046

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE										NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9	OVER 9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	1.600	1.000
\$4001-6000	0.000	0.027	0.000	0.000	0.060	0.005	0.000	0.000	0.000	0.000	0.000	0.093	0.800	0.408
\$6001-8000	0.000	0.000	0.032	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.065	1.714	0.645
\$8001-10000	0.000	0.027	0.048	0.021	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.103	1.313	0.455
\$10001-15000	0.003	0.025	0.053	0.087	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.196	2.400	0.337
\$15001-20000	0.011	0.103	0.057	0.137	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.308	2.348	0.343
\$20001-25000	0.000	0.083	0.000	0.022	0.018	0.022	0.000	0.000	0.000	0.000	0.000	0.095	6.333	0.573
\$25001-30000	0.000	0.000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.044	2.000	1.000
OVER \$30000	0.000	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010	2.333	1.000
NOT STATED	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.044	1.000	1.000
 TOTAL	0.014	0.303	0.190	0.267	0.188	0.038	0.000	0.000	0.000	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.273	2.063	2.667	2.529	2.923	1.111	0.000	0.000	0.000	0.000	0.000			
RELATIVE ERROR	0.715	0.359	0.303	0.461	0.336	0.695	0.000*	0.000*	0.000*	0.000*	0.000*			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.001	0.027	0.000	0.000	0.000	0.000	0.000	0.029
OTHER BUSINESS	0.049	0.000	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.162
VISITING FRIENDS	0.005	0.000	0.203	0.000	0.000	0.000	0.000	0.000	0.000	0.208
RECREATION	0.048	0.032	0.146	0.000	0.000	0.022	0.000	0.000	0.000	0.248
HOLIDAY	0.011	0.005	0.157	0.000	0.000	0.016	0.000	0.000	0.000	0.189
PERSONAL AFFAIRS	0.000	0.000	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.119
OTHER	0.011	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.023
NOT STATED	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.021
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.071	0.005	0.191	0.027	0.000	0.005	0.000	0.000	0.000	0.300
2 PERSONS	0.054	0.000	0.265	0.000	0.000	0.033	0.000	0.000	0.000	0.352
3 PERSONS	0.000	0.000	0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.133
4 PERSONS	0.000	0.000	0.149	0.000	0.000	0.000	0.000	0.000	0.000	0.149
5 PERSONS	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.035
6 PERSONS	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.092	0.005	0.076	0.000	0.000	0.000	0.000	0.000
FRIENDS HOME	-	0.094	0.093	0.179	0.016	0.056	0.000	0.000	0.440
CARAVAN/TENT	-	0.027	0.033	0.005	0.000	0.000	0.000	0.000	0.065
OTHER	-	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.046
NOT STATED	0.249	0.005	0.000	0.000	0.011	0.011	0.000	0.000	0.276
TOTAL	0.249	0.218	0.178	0.260	0.027	0.067	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.000	0.000	0.222	0.027	0.000	0.000	0.000	0.000	0.000	0.249
1	0.022	0.000	0.196	0.000	0.000	0.000	0.000	0.000	0.000	0.218
2	0.005	0.000	0.150	0.000	0.000	0.022	0.000	0.000	0.000	0.178
3-7	0.086	0.000	0.137	0.000	0.000	0.005	0.000	0.000	0.000	0.228
8-14	0.000	0.037	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.059
15-28	0.000	0.000	0.012	0.000	0.000	0.011	0.000	0.000	0.000	0.023
29-56	0.011	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.044
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.000	0.383	0.027	0.000	0.011	0.000	0.000	0.000	0.422
HOUSEHOLD	0.027	0.037	0.158	0.000	0.000	0.000	0.000	0.000	0.000	0.223
EMPLOYER	0.049	0.000	0.011	0.000	0.000	0.005	0.000	0.000	0.000	0.066
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.048	0.000	0.220	0.000	0.000	0.022	0.000	0.000	0.000	0.290
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.001	0.000	0.000	0.000	0.600	0.000	0.000	0.001
0-100	0.000	0.000	0.178	0.011	0.000	0.022	0.000	0.000	0.000	0.211
101-150	0.000	0.000	0.117	0.005	0.000	0.011	0.000	0.000	0.000	0.134
151-200	0.000	0.000	0.263	0.011	0.000	0.000	0.000	0.000	0.000	0.274
201-300	0.000	0.000	0.142	0.000	0.000	0.000	0.000	0.000	0.000	0.142
301-400	0.000	0.000	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.005
401-600	0.044	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000
601-800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
801-1000	0.027	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.059
OVER 1000	0.054	0.005	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.109
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.044
\$4001-6000	0.000	0.005	0.087	0.000	0.000	0.000	0.000	0.000	0.093
\$6001-8000	0.000	0.032	0.033	0.000	0.000	0.000	0.000	0.000	0.065
\$8001-10000	0.070	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.103
\$10001-15000	0.000	0.000	0.169	0.027	0.000	0.000	0.000	0.000	0.196
\$15001-20000	0.022	0.000	0.270	0.000	0.000	0.016	0.000	0.000	0.308
\$20001-25000	0.033	0.000	0.062	0.000	0.000	0.000	0.000	0.000	0.095
\$25001-30000	0.000	0.000	0.022	0.000	0.000	0.022	0.000	0.000	0.044
OVER \$30000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.010
NOT STATED	0.000	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.044
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
REGION 701	0.000	0.000	0.297	0.000	0.000	0.022	0.000	0.000	0.000
REGION 702	0.000	0.000	0.236	0.011	0.000	0.000	0.000	0.000	0.247
REGION 703	0.000	0.000	0.156	0.011	0.000	0.011	0.000	0.000	0.178
REGION 214	0.022	0.032	0.033	0.000	0.000	0.000	0.000	0.000	0.087
REGION 311	0.044	0.000	0.022	0.000	0.000	0.005	0.000	0.000	0.071
REGION 211	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.032
REGION 704	0.000	0.000	0.012	0.005	0.000	0.000	0.000	0.000	0.018
REGION 401	0.000	0.005	0.011	0.000	0.000	0.000	0.000	0.000	0.016
REGION 501	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.016
REGION 101	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 402	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.125	0.037	0.773	0.027	0.000	0.038	0.000	0.000	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	123
NOT DELIVERED .....	26
NET DISTRIBUTION .....	97
TOTAL RETURNS .....	44
UNUSABLE RETURNS .....	0
NET RETURNS .....	44
RESPONSE RATE .....	0.45

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	33
EFFECTIVE H'HOLDS .....	41
GENERATION RATE .....	0.728
RELATIVE ERROR .....	0.333

VEHICLES AVAILABLE

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PROPORTION RELATIVE ERROR	0	1	2	3	4	OVER 4	NOT STATED	TOTAL
	0.000	0.303	0.512	0.052	0.078	0.010	0.044	
0.000*	0.268	0.170	0.400	0.614	1.000	0.801	1.000	

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.759	1.237	1.005	0.866	0.771	0.700	0.644	0.599	0.562	0.530	0.354	0.270	0.217	0.177	0.144	0.116

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE										NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9	OVER 9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030	0.667	1.000
\$8001-10000	0.000	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051	0.125	1.000
\$10001-15000	0.000	0.117	0.015	0.256	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.433	1.000	0.444
\$15001-20000	0.000	0.000	0.000	0.075	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.105	1.167	0.714
\$20001-25000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$25001-30000	0.000	0.000	0.000	0.153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.153	3.000	0.000
OVER \$30000	0.000	0.000	0.000	0.153	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.213	2.333	0.515
NOT STATED	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.250	1.000
<b>TOTAL</b>	<b>0.015</b>	<b>0.117</b>	<b>0.066</b>	<b>0.667</b>	<b>0.090</b>	<b>0.045</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>1.000</b>		
AVE TRIPS/H'HOLD	0.333	0.188	0.333	1.800	2.000	1.500	0.000	0.000	0.000	0.000	0.000			
RELATIVE ERROR	1.000	0.537	0.632	0.369	0.577	1.000	0.000*	0.000*	0.000*	0.000*	0.000*			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.213	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.258
VISITING FRIENDS	0.030	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.081
RECREATION	0.000	0.000	0.205	0.000	0.000	0.000	0.000	0.000	0.000	0.205
HOLIDAY	0.205	0.000	0.105	0.000	0.000	0.000	0.000	0.000	0.000	0.309
PERSONAL AFFAIRS	0.066	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.081
OTHER	0.000	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.015	0.066
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.301	0.000	0.162	0.000	0.000	0.000	0.000	0.000	0.015	0.478
2 PERSONS	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.060
3 PERSONS	0.153	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.006	0.198
4 PERSONS	0.000	0.000	0.264	0.000	0.000	0.000	0.000	0.000	0.000	0.264
5 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.000	0.015	0.045	0.153	0.000	0.000	0.000	0.000	0.213
FRIENDS HOME	-	0.000	0.000	0.060	0.096	0.051	0.000	0.000	0.000	0.207
CARAVAN/TENT	-	0.000	0.000	0.060	0.051	0.000	0.000	0.000	0.000	0.111
OTHER	-	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051
NOT STATED	0.367	0.000	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.418
TOTAL	0.367	0.051	0.015	0.216	0.301	0.051	0.000	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.051	0.000	0.286	0.000	0.000	0.000	0.000	0.000	0.015	0.352
1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066
3-7	0.126	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.156
8-14	0.205	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.000	0.301
15-28	0.066	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.126
29-56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.030
HOUSEHOLD	0.096	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.141
EMPLOYER	0.367	0.000	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.448
OTHER	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.060
NOT STATED	0.051	0.000	0.256	0.000	0.000	0.000	0.000	0.000	0.015	0.322
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRALGA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015
0-100	0.051	0.000	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.132
101-150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151-200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
201-300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
301-400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
401-600	0.102	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.147
601-800	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
801-1000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
OVER 1000	0.360	0.000	0.315	0.000	0.000	0.000	0.000	0.000	0.000	0.676
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.030
\$8001-10000	0.000	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.051
\$10001-15000	0.117	0.000	0.315	0.000	0.000	0.000	0.000	0.000	0.000	0.433
\$15001-20000	0.030	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.105
\$20001-25000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$25001-30000	0.153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.153
OVER \$30000	0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.213
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	0.015
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 214	0.249	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.249
REGION 801	0.183	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.249
REGION 302	0.000	0.000	0.205	0.000	0.000	0.000	0.000	0.000	0.000	0.205
REGION 802	0.000	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.015	0.090
REGION 408	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.060
REGION 201	0.000	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.051
REGION 608	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.051
REGION 211	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 409	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 501	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.514	0.000	0.471	0.000	0.000	0.000	0.000	0.000	0.015	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	8039
NOT DELIVERED .....	323
NET DISTRIBUTION .....	7716
 TOTAL RETURNS .....	3702
UNUSABLE RETURNS .....	63
NET RETURNS .....	3639
 RESPONSE RATE .....	0.47

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	7068
EFFECTIVE H'HOLDS .....	3556
GENERATION RATE .....	1.699
RELATIVE ERROR .....	0.065

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE

PROPORTION RELATIVE ERROR	0	1	2	3	4	OVER 4	NOT STATED	TOTAL
	0.106 0.067	0.421 0.027	0.293 0.035	0.074 0.080	0.033 0.115	0.028 0.132	0.044 0.110	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.118	0.083	0.068	0.058	0.052	0.047	0.043	0.040	0.038	0.036	0.024	0.018	0.015	0.012	0.010	0.008

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.001	0.002	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.004	1.128	0.353	
\$2001-4000	0.021	0.014	0.002	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.044	0.885	0.232	
\$4001-6000	0.002	0.017	0.011	0.003	0.003	0.000	0.000	0.001	0.000	0.000	0.038	1.091	0.119	
\$6001-8000	0.003	0.015	0.009	0.022	0.011	0.011	0.000	0.000	0.000	0.000	0.071	1.721	0.114	
\$8001-10000	0.005	0.014	0.016	0.021	0.010	0.007	0.001	0.001	0.000	0.000	0.075	2.103	0.186	
\$10001-15000	0.020	0.048	0.041	0.069	0.020	0.013	0.003	0.001	0.000	0.000	0.216	2.087	0.070	
\$15001-20000	0.002	0.052	0.023	0.061	0.024	0.021	0.005	0.002	0.000	0.000	0.195	2.400	0.098	
\$20001-25000	0.002	0.012	0.038	0.026	0.038	0.012	0.002	0.006	0.002	0.000	0.138	3.461	0.164	
\$25001-30000	0.000	0.006	0.009	0.023	0.011	0.008	0.001	0.003	0.000	0.000	0.056	3.330	0.214	
OVER \$30000	0.001	0.012	0.010	0.014	0.012	0.004	0.016	0.003	0.000	0.000	0.074	4.254	0.146	
NOT STATED	0.003	0.017	0.042	0.016	0.008	0.001	0.000	0.000	0.002	0.000	0.088	1.332	0.198	
TOTAL	0.059	0.208	0.202	0.262	0.137	0.072	0.028	0.018	0.005	0.000	0.008	1.000		
AVE TRIPS/H'HOLD	0.792	1.338	2.324	2.812	3.008	2.859	4.038	3.061	4.444	1.000*	0.731			
RELATIVE ERROR	0.201	0.070	0.162	0.077	0.093	0.129	0.294	0.211	0.456	0.000*	0.370			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.007	0.016	0.000	0.000	0.000	0.000	0.000	0.023
OTHER BUSINESS	0.024	0.000	0.096	0.000	0.000	0.000	0.001	0.000	0.011	0.134
VISITING FRIENDS	0.009	0.006	0.292	0.002	0.004	0.000	0.010	0.000	0.001	0.323
RECREATION	0.006	0.011	0.159	0.002	0.002	0.001	0.004	0.000	0.001	0.185
HOLIDAY	0.009	0.010	0.147	0.001	0.000	0.001	0.002	0.000	0.004	0.174
PERSONAL AFFAIRS	0.006	0.002	0.088	0.002	0.000	0.000	0.002	0.000	0.004	0.104
OTHER	0.003	0.001	0.038	0.001	0.000	0.000	0.001	0.000	0.001	0.045
NOT STATED	0.000	0.001	0.010	0.000	0.000	0.000	0.000	0.000	0.001	0.011
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.031	0.018	0.172	0.015	0.003	0.000	0.012	0.001	0.002	0.253
2 PERSONS	0.014	0.004	0.237	0.004	0.002	0.001	0.003	0.000	0.003	0.269
3 PERSONS	0.011	0.005	0.139	0.002	0.000	0.000	0.003	0.000	0.004	0.164
4 PERSONS	0.002	0.000	0.167	0.002	0.000	0.000	0.002	0.000	0.000	0.174
5 PERSONS	0.000	0.002	0.073	0.000	0.000	0.000	0.000	0.000	0.000	0.075
6 PERSONS	0.000	0.001	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.029
7 PERSONS	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.012	0.023
8 PERSONS	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.002	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.004
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.042	0.032	0.058	0.009	0.005	0.001	0.000	0.147
FRIENDS HOME	-	0.063	0.114	0.143	0.030	0.009	0.002	0.000	0.363
CARAVAN/TENT	-	0.007	0.015	0.027	0.011	0.003	0.000	0.001	0.065
OTHER	-	0.028	0.032	0.017	0.016	0.003	0.001	0.001	0.099
NOT STATED	0.312	0.001	0.001	0.003	0.001	0.001	0.002	0.001	0.326
TOTAL	0.312	0.140	0.194	0.248	0.069	0.021	0.006	0.004	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.008	0.009	0.254	0.010	0.001	0.000	0.003	0.000	0.004	0.290
1	0.006	0.000	0.097	0.007	0.003	0.000	0.002	0.000	0.011	0.127
2	0.003	0.002	0.171	0.002	0.001	0.001	0.002	0.000	0.001	0.182
3-7	0.027	0.013	0.189	0.002	0.000	0.000	0.010	0.000	0.001	0.243
8-14	0.008	0.005	0.068	0.002	0.000	0.000	0.001	0.000	0.000	0.084
15-28	0.005	0.002	0.037	0.000	0.001	0.000	0.001	0.000	0.004	0.049
29-56	0.002	0.001	0.012	0.000	0.000	0.000	0.001	0.000	0.000	0.015
OVER 56	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
NOT STATED	0.000	0.000	0.004	0.001	0.000	0.000	0.001	0.000	0.001	0.006
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.001	0.001	0.462	0.013	0.004	0.000	0.001	0.000	0.005	0.487
HOUSEHOLD	0.030	0.026	0.188	0.003	0.002	0.000	0.013	0.000	0.016	0.279
EMPLOYER	0.021	0.001	0.042	0.007	0.000	0.000	0.000	0.000	0.000	0.072
OTHER	0.003	0.001	0.009	0.000	0.000	0.000	0.001	0.000	0.000	0.014
NOT STATED	0.003	0.002	0.136	0.001	0.000	0.001	0.004	0.000	0.001	0.147
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.001	0.014	0.002	0.001	0.000	0.000	0.000	0.001	0.017
0-100	0.000	0.004	0.252	0.005	0.001	0.001	0.005	0.000	0.014	0.282
101-150	0.001	0.008	0.171	0.006	0.001	0.000	0.002	0.000	0.001	0.189
151-200	0.000	0.001	0.087	0.004	0.000	0.000	0.002	0.000	0.000	0.094
201-300	0.002	0.004	0.099	0.002	0.001	0.000	0.001	0.000	0.001	0.111
301-400	0.002	0.006	0.082	0.001	0.000	0.000	0.002	0.000	0.000	0.093
401-600	0.010	0.002	0.039	0.001	0.000	0.000	0.002	0.000	0.000	0.054
601-800	0.019	0.000	0.036	0.002	0.000	0.000	0.000	0.000	0.000	0.058
801-1000	0.003	0.001	0.014	0.000	0.003	0.000	0.000	0.000	0.004	0.024
OVER 1000	0.022	0.005	0.042	0.002	0.000	0.000	0.005	0.000	0.001	0.077
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
\$0-2000	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.004
\$2001-4000	0.002	0.004	0.021	0.002	0.000	0.000	0.004	0.000	0.012	0.044
\$4001-6000	0.000	0.003	0.033	0.001	0.000	0.000	0.001	0.000	0.001	0.038
\$6001-8000	0.001	0.002	0.065	0.002	0.000	0.000	0.001	0.000	0.000	0.071
\$8001-10000	0.003	0.003	0.062	0.002	0.000	0.000	0.004	0.000	0.000	0.075
\$10001-15000	0.010	0.006	0.187	0.005	0.003	0.000	0.003	0.000	0.003	0.216
\$15001-20000	0.008	0.008	0.165	0.005	0.001	0.000	0.004	0.000	0.004	0.195
\$20001-25000	0.010	0.001	0.121	0.003	0.002	0.000	0.001	0.000	0.000	0.138
\$25001-30000	0.007	0.000	0.045	0.002	0.000	0.001	0.001	0.000	0.001	0.056
OVER \$30000	0.015	0.001	0.054	0.002	0.000	0.000	0.001	0.000	0.000	0.074
NOT STATED	0.002	0.004	0.079	0.002	0.000	0.000	0.000	0.000	0.001	0.088
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
REGION 214	0.013	0.007	0.067	0.003	0.001	0.000	0.005	0.000	0.012	0.107
REGION 311	0.011	0.001	0.064	0.001	0.000	0.000	0.002	0.000	0.000	0.079
REGION 202	0.000	0.001	0.052	0.003	0.000	0.000	0.000	0.000	0.000	0.057
REGION 403	0.001	0.000	0.043	0.001	0.000	0.000	0.000	0.000	0.000	0.045
REGION 401	0.005	0.001	0.030	0.003	0.000	0.000	0.001	0.000	0.000	0.040
REGION 507	0.000	0.000	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.034
REGION 306	0.000	0.001	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.029
REGION 307	0.000	0.001	0.025	0.000	0.000	0.000	0.001	0.000	0.000	0.027
REGION 301	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026
REGION 211	0.001	0.000	0.022	0.001	0.000	0.000	0.001	0.000	0.000	0.026
REGION 402	0.001	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.026
REGION 310	0.000	0.001	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.025
REGION 210	0.000	0.005	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.023
REGION 203	0.000	0.000	0.019	0.000	0.001	0.000	0.000	0.000	0.000	0.020
REGION 213	0.000	0.000	0.020	0.000	0.000	0.000	0.001	0.000	0.000	0.020
REGION 608	0.003	0.001	0.013	0.001	0.000	0.000	0.000	0.000	0.002	0.020
REGION 408	0.005	0.001	0.009	0.000	0.001	0.000	0.000	0.000	0.004	0.020
REGION 212	0.000	0.000	0.016	0.001	0.000	0.000	0.002	0.000	0.000	0.019
REGION 501	0.002	0.003	0.013	0.001	0.000	0.000	0.001	0.000	0.000	0.019
REGION 208	0.000	0.000	0.017	0.000	0.001	0.000	0.000	0.000	0.000	0.019
OTHER REGIONS	0.016	0.008	0.274	0.009	0.002	0.001	0.007	0.001	0.003	0.321
TOTAL	0.058	0.032	0.836	0.024	0.006	0.001	0.020	0.001	0.021	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	102
NOT DELIVERED .....	3
NET DISTRIBUTION ....	99
TOTAL RETURNS .....	53
UNUSABLE RETURNS .....	1
NET RETURNS .....	52
RESPONSE RATE .....	0.53

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	136
EFFECTIVE H'HOLDS .....	52
GENERATION RATE .....	2.615
RELATIVE ERROR .....	0.173

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.058	0.365	0.365	0.192	0.000*	0.019	0.000*	0.000	1.000	
0.566	0.185	0.185	0.287	0.000*	1.000	0.000*			

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.856	0.602	0.489	0.422	0.375	0.341	0.314	0.292	0.274	0.258	0.172	0.131	0.105	0.086	0.070	0.056

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015	1.000	1.000
\$6001-8000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.500	1.000
\$8001-10000	0.015	0.000	0.088	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.140	2.375	0.450
\$10001-15000	0.044	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.081	2.200	0.441
\$15001-20000	0.000	0.000	0.132	0.029	0.037	0.000	0.000	0.000	0.000	0.000	0.199	4.500	0.503
\$20001-25000	0.000	0.029	0.066	0.066	0.103	0.000	0.000	0.000	0.000	0.000	0.265	3.000	0.331
\$25001-30000	0.000	0.029	0.000	0.088	0.103	0.000	0.000	0.000	0.000	0.000	0.221	3.333	0.332
OVER \$30000	0.000	0.037	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.074	2.500	0.476
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.059	0.110	0.331	0.184	0.316	0.000	0.000	0.000	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.889	1.250	3.214	3.125	5.375	0.000	0.000*	0.000	0.000	0.000	0.000		
RELATIVE ERROR	0.512	0.343	0.339	0.305	0.265	0.000*	0.000*	0.000*	0.000*	0.000*	0.000*		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
DELIVER FREIGHT	0.000	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.037
OTHER BUSINESS	0.051	0.000	0.132	0.000	0.000	0.000	0.007	0.000	0.191
VISITING FRIENDS	0.029	0.000	0.191	0.000	0.000	0.000	0.000	0.000	0.221
RECREATION	0.007	0.007	0.191	0.000	0.000	0.000	0.000	0.000	0.206
HOLIDAY	0.007	0.000	0.191	0.000	0.000	0.000	0.000	0.000	0.199
PERSONAL AFFAIRS	0.007	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.096
OTHER	0.000	0.007	0.044	0.000	0.000	0.000	0.000	0.000	0.051
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
1 PERSON	0.074	0.015	0.147	0.037	0.000	0.000	0.007	0.000	0.279
2 PERSONS	0.000	0.000	0.206	0.000	0.000	0.000	0.000	0.000	0.206
3 PERSONS	0.000	0.000	0.132	0.000	0.000	0.000	0.000	0.000	0.132
4 PERSONS	0.029	0.000	0.206	0.000	0.000	0.000	0.000	0.000	0.235
5 PERSONS	0.000	0.000	0.147	0.000	0.000	0.000	0.000	0.000	0.147
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	..	0.022	0.015	0.051	0.037	0.000	0.000	0.000	0.125
FRIENDS HOME	-	0.059	0.037	0.132	0.096	0.000	0.000	0.000	0.324
CARAVAN/TENT	-	0.015	0.074	0.051	0.000	0.000	0.000	0.000	0.140
OTHER	-	0.015	0.029	0.007	0.037	0.000	0.000	0.000	0.088
NOT STATED	0.324	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.324
TOTAL	0.324	0.110	0.154	0.243	0.169	0.000	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.022	0.007	0.250	0.037	0.000	0.000	0.000	0.000	0.000	0.316
1	0.007	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000	0.096
2	0.029	0.007	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.162
3-7	0.037	0.000	0.125	0.000	0.000	0.000	0.007	0.000	0.000	0.169
8-14	0.007	0.000	0.184	0.000	0.000	0.000	0.000	0.000	0.000	0.191
15-28	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.066
29-56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.000	0.478	0.037	0.000	0.000	0.000	0.000	0.000	0.515
HOUSEHOLD	0.051	0.015	0.331	0.000	0.000	0.000	0.007	0.000	0.000	0.404
EMPLOYER	0.051	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.059
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.022
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0-100	0.000	0.000	0.022	0.037	0.000	0.000	0.000	0.000	0.000	0.059
101-150	0.000	0.007	0.279	0.000	0.000	0.000	0.000	0.000	0.000	0.287
151-200	0.000	0.007	0.096	0.000	0.000	0.000	0.000	0.000	0.000	0.103
201-300	0.044	0.000	0.176	0.000	0.000	0.000	0.000	0.000	0.000	0.221
301-400	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
401-600	0.022	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000	0.110
601-800	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.007
801-1000	0.015	0.000	0.125	0.000	0.000	0.000	0.000	0.007	0.000	0.147
OVER 1000	0.015	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.059
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
\$6001-8000	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
\$8001-10000	0.000	0.000	0.103	0.037	0.000	0.000	0.000	0.000	0.000	0.140
\$10001-15000	0.000	0.007	0.066	0.000	0.000	0.000	0.000	0.007	0.000	0.081
\$15001-20000	0.000	0.000	0.199	0.000	0.000	0.000	0.000	0.000	0.000	0.199
\$20001-25000	0.037	0.007	0.221	0.000	0.000	0.000	0.000	0.000	0.000	0.265
\$25001-30000	0.051	0.000	0.169	0.000	0.000	0.000	0.000	0.000	0.000	0.221
OVER \$30000	0.015	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	0.074
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	0.000	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 210	0.000	0.007	0.257	0.000	0.000	0.000	0.000	0.000	0.000	0.265
REGION 214	0.044	0.000	0.118	0.000	0.000	0.000	0.000	0.000	0.000	0.162
REGION 311	0.022	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.096
REGION 213	0.000	0.007	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.088
REGION 401	0.007	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.081
REGION 501	0.007	0.000	0.051	0.000	0.000	0.000	0.007	0.000	0.000	0.066
REGION 208	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	0.059
REGION 209	0.000	0.000	0.022	0.037	0.000	0.000	0.000	0.000	0.000	0.059
REGION 212	0.000	0.000	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.037
REGION 405	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.029
REGION 216	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 603	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 206	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 215	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 407	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 801	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.103	0.015	0.838	0.037	0.000	0.000	0.007	0.000	0.000	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	2508
NOT DELIVERED .....	84
NET DISTRIBUTION ....	2424
TOTAL RETURNS .....	922
UNUSABLE RETURNS ....	27
NET RETURNS .....	895
RESPONSE RATE .....	0.37

TRIP GENERATION SUMMARY

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EFFECTIVE H'HOLDS .....	865
GENERATION RATE .....	1.959
RELATIVE ERROR .....	0.102

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TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE	0		1		2		3		4		OVER 4		NOT STATED	TOTAL
	PROPORTION	RELATIVE ERROR	0.122	0.427	0.288	0.071	0.078	0.152	0.021	0.276	0.011	0.380	0.053	0.196
			1.000											

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.230	0.162	0.131	0.113	0.101	0.091	0.084	0.078	0.073	0.069	0.046	0.035	0.028	0.023	0.019	0.015

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.353	0.417	
\$2001-4000	0.014	0.007	0.001	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.026	0.581	0.159	
\$4001-6000	0.004	0.029	0.003	0.004	0.000	0.001	0.000	0.001	0.052	0.000	0.000	0.093	1.287	0.295
\$6001-8000	0.004	0.024	0.014	0.011	0.008	0.016	0.001	0.000	0.003	0.000	0.000	0.080	2.210	0.219
\$8001-10000	0.018	0.022	0.012	0.020	0.034	0.000	0.000	0.009	0.000	0.000	0.000	0.115	1.807	0.155
\$10001-15000	0.009	0.082	0.041	0.104	0.018	0.042	0.005	0.004	0.000	0.000	0.000	0.305	2.833	0.126
\$15001-20000	0.001	0.026	0.021	0.071	0.026	0.020	0.000	0.007	0.004	0.000	0.000	0.177	3.160	0.148
\$20001-25000	0.003	0.018	0.006	0.027	0.011	0.000	0.001	0.000	0.000	0.000	0.000	0.065	3.549	0.167
\$25001-30000	0.000	0.003	0.006	0.019	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.030	2.867	0.415
OVER \$30000	0.000	0.006	0.009	0.009	0.029	0.010	0.000	0.000	0.000	0.000	0.000	0.063	3.348	0.300
NOT STATED	0.002	0.007	0.003	0.018	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.042	1.147	0.260
TOTAL	0.056	0.228	0.115	0.283	0.139	0.089	0.010	0.021	0.059	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.632	1.560	1.879	2.874	3.455	4.614	4.000	4.083	9.999+	2.000	0.167			
RELATIVE ERROR	0.137	0.130	0.126	0.123	0.177	0.204	0.516	0.255	0.573	0.000*	0.674			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.017	0.011	0.000	0.000	0.000	0.000	0.000	0.028
OTHER BUSINESS	0.021	0.000	0.125	0.006	0.000	0.000	0.001	0.000	0.003	0.156
VISITING FRIENDS	0.013	0.002	0.230	0.000	0.001	0.000	0.009	0.001	0.005	0.262
RECREATION	0.000	0.012	0.096	0.000	0.000	0.000	0.005	0.000	0.005	0.119
HOLIDAY	0.007	0.009	0.175	0.000	0.000	0.000	0.007	0.002	0.001	0.203
PERSONAL AFFAIRS	0.006	0.000	0.106	0.000	0.000	0.000	0.067	0.000	0.000	0.179
OTHER	0.000	0.000	0.037	0.000	0.000	0.000	0.004	0.000	0.000	0.042
NOT STATED	0.000	0.007	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.010
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.028	0.022	0.142	0.015	0.001	0.001	0.029	0.000	0.008	0.247
2 PERSONS	0.007	0.006	0.158	0.002	0.000	0.000	0.009	0.001	0.000	0.184
3 PERSONS	0.002	0.000	0.112	0.001	0.000	0.000	0.005	0.002	0.004	0.127
4 PERSONS	0.009	0.001	0.182	0.000	0.000	0.000	0.003	0.000	0.003	0.199
5 PERSONS	0.000	0.000	0.112	0.000	0.000	0.000	0.000	0.000	0.000	0.112
6 PERSONS	0.001	0.000	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.077
7 PERSONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
8 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.047	0.000	0.000	0.047
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.031	0.035	0.065	0.015	0.001	0.000	0.000	0.146
FRIENDS HOME	-	0.043	0.082	0.116	0.033	0.011	0.000	0.000	0.285
CARAVAN/TENT	-	0.006	0.021	0.045	0.024	0.001	0.000	0.000	0.097
OTHER	-	0.027	0.006	0.015	0.032	0.001	0.000	0.000	0.080
NOT STATED	0.375	0.001	0.002	0.000	0.001	0.003	0.001	0.000	0.392
TOTAL	0.375	0.108	0.146	0.240	0.106	0.016	0.001	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.009	0.008	0.209	0.008	0.000	0.000	0.021	0.000	0.010	0.266
1	0.004	0.000	0.090	0.007	0.000	0.000	0.002	0.000	0.000	0.104
2	0.007	0.005	0.122	0.001	0.000	0.000	0.004	0.000	0.000	0.141
3-7	0.020	0.002	0.233	0.001	0.000	0.000	0.004	0.002	0.003	0.265
8-14	0.005	0.002	0.093	0.000	0.000	0.000	0.013	0.002	0.001	0.118
15-28	0.003	0.004	0.037	0.000	0.000	0.000	0.001	0.000	0.000	0.047
29-56	0.000	0.000	0.004	0.000	0.000	0.000	0.049	0.000	0.000	0.053
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.002	0.405	0.006	0.001	0.000	0.006	0.004	0.009	0.434
HOUSEHOLD	0.025	0.022	0.329	0.000	0.000	0.001	0.035	0.000	0.004	0.416
EMPLOYER	0.021	0.001	0.025	0.011	0.000	0.000	0.004	0.000	0.000	0.063
OTHER	0.002	0.002	0.005	0.000	0.000	0.000	0.001	0.000	0.000	0.010
NOT STATED	0.000	0.003	0.025	0.000	0.000	0.000	0.047	0.000	0.001	0.077
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.003	0.000	0.009	0.000	0.000	0.000	0.059	0.000	0.000	0.072
0-100	0.000	0.011	0.287	0.006	0.000	0.000	0.005	0.000	0.006	0.316
101-150	0.000	0.002	0.160	0.001	0.000	0.000	0.008	0.000	0.003	0.176
151-200	0.000	0.001	0.048	0.002	0.000	0.000	0.000	0.000	0.003	0.054
201-300	0.003	0.004	0.106	0.000	0.000	0.000	0.003	0.000	0.000	0.117
301-400	0.007	0.005	0.043	0.007	0.000	0.000	0.003	0.001	0.000	0.066
401-600	0.007	0.000	0.043	0.000	0.000	0.000	0.002	0.002	0.000	0.055
601-800	0.020	0.001	0.051	0.000	0.000	0.000	0.006	0.000	0.001	0.080
801-1000	0.001	0.000	0.009	0.000	0.000	0.000	0.004	0.000	0.002	0.017
OVER 1000	0.006	0.005	0.032	0.000	0.000	0.000	0.003	0.000	0.000	0.047
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.004
\$2001-4000	0.001	0.003	0.013	0.003	0.000	0.000	0.005	0.000	0.001	0.026
\$4001-6000	0.001	0.007	0.083	0.000	0.000	0.000	0.002	0.000	0.000	0.093
\$6001-8000	0.003	0.004	0.070	0.000	0.001	0.000	0.001	0.000	0.001	0.080
\$8001-10000	0.004	0.000	0.097	0.004	0.000	0.000	0.003	0.000	0.006	0.115
\$10001-15000	0.004	0.006	0.221	0.000	0.000	0.000	0.065	0.004	0.005	0.305
\$15001-20000	0.012	0.004	0.153	0.001	0.000	0.000	0.006	0.000	0.000	0.177
\$20001-25000	0.006	0.000	0.057	0.001	0.000	0.000	0.000	0.000	0.001	0.065
\$25001-30000	0.004	0.000	0.019	0.000	0.000	0.000	0.007	0.000	0.000	0.030
OVER \$30000	0.012	0.003	0.038	0.008	0.000	0.000	0.001	0.000	0.000	0.063
NOT STATED	0.001	0.002	0.035	0.000	0.000	0.001	0.002	0.000	0.001	0.042
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 214	0.007	0.003	0.169	0.010	0.000	0.000	0.076	0.000	0.000	0.266
REGION 212	0.000	0.010	0.067	0.000	0.000	0.000	0.000	0.000	0.004	0.082
REGION 213	0.000	0.002	0.076	0.000	0.000	0.000	0.000	0.000	0.003	0.081
REGION 208	0.000	0.000	0.070	0.000	0.000	0.000	0.000	0.000	0.001	0.071
REGION 211	0.004	0.000	0.054	0.001	0.000	0.000	0.001	0.000	0.000	0.060
REGION 203	0.000	0.000	0.043	0.001	0.000	0.000	0.001	0.000	0.000	0.047
REGION 202	0.001	0.000	0.040	0.001	0.000	0.000	0.000	0.000	0.000	0.044
REGION 311	0.012	0.000	0.023	0.000	0.000	0.000	0.003	0.000	0.000	0.039
REGION 207	0.005	0.002	0.018	0.001	0.000	0.000	0.000	0.001	0.001	0.027
REGION 402	0.000	0.001	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.027
REGION 209	0.000	0.001	0.024	0.001	0.000	0.000	0.000	0.000	0.000	0.027
REGION 101	0.002	0.002	0.018	0.000	0.000	0.000	0.000	0.000	0.003	0.024
REGION 401	0.006	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.021
REGION 216	0.000	0.000	0.018	0.000	0.000	0.000	0.002	0.000	0.000	0.021
REGION 201	0.000	0.000	0.015	0.001	0.000	0.000	0.003	0.000	0.001	0.021
REGION 215	0.001	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 210	0.000	0.003	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 501	0.004	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.013
REGION 206	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 404	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
OTHER REGIONS	0.007	0.005	0.048	0.001	0.000	0.001	0.007	0.000	0.001	0.070
TOTAL	0.048	0.030	0.789	0.018	0.001	0.001	0.094	0.005	0.015	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	1972
NOT DELIVERED .....	62
NET DISTRIBUTION .....	1910
TOTAL RETURNS .....	907
UNUSABLE RETURNS .....	13
NET RETURNS .....	894
RESPONSE RATE .....	0.47

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1977
EFFECTIVE H'HOLDS .....	880
GENERATION RATE .....	1.989
RELATIVE ERROR .....	0.124

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION	VEHICLES AVAILABLE		2	3	4	OVER 4	NOT STATED	TOTAL
	0	1						
PROPORTION	0.127	0.436	0.282	0.074	0.027	0.016	0.039	1.000
RELATIVE ERROR	0.112	0.047	0.066	0.145	0.238	0.287	0.199	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.230	0.162	0.131	0.113	0.101	0.091	0.084	0.078	0.073	0.069	0.046	0.035	0.028	0.023	0.019	0.015

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.004	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.250	0.641	
\$2001-4000	0.006	0.030	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	1.208	0.408	
\$4001-6000	0.002	0.012	0.016	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.032	1.128	0.370	
\$6001-8000	0.008	0.025	0.017	0.007	0.009	0.002	0.000	0.000	0.000	0.000	0.070	1.589	0.228	
\$8001-10000	0.025	0.014	0.018	0.025	0.009	0.008	0.001	0.000	0.002	0.000	0.104	1.653	0.162	
\$10001-15000	0.007	0.035	0.038	0.074	0.075	0.004	0.000	0.018	0.000	0.000	0.252	2.591	0.128	
\$15001-20000	0.001	0.035	0.038	0.055	0.037	0.013	0.008	0.000	0.000	0.000	0.187	3.387	0.172	
\$20001-25000	0.000	0.021	0.014	0.025	0.010	0.000	0.001	0.000	0.000	0.000	0.073	2.771	0.200	
\$25001-30000	0.000	0.011	0.000	0.033	0.005	0.008	0.000	0.011	0.000	0.000	0.069	2.960	0.197	
OVER \$30000	0.000	0.011	0.004	0.006	0.021	0.004	0.008	0.000	0.000	0.000	0.054	4.714	0.238	
NOT STATED	0.004	0.016	0.026	0.048	0.014	0.002	0.000	0.005	0.000	0.000	0.115	2.130	0.255	
TOTAL	0.057	0.211	0.175	0.275	0.181	0.043	0.019	0.029	0.006	0.000	0.004	1.000		
AVE TRIPS/H'HOLD	0.590	1.493	2.789	2.782	4.089	3.067	2.286	5.714	6.000	0.000*	1.250			
RELATIVE ERROR	0.221	0.142	0.201	0.121	0.136	0.266	0.538	0.681	0.577	0.000*	0.581			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.001	0.008	0.000	0.000	0.000	0.000	0.004	0.013
OTHER BUSINESS	0.010	0.005	0.082	0.009	0.000	0.000	0.013	0.001	0.000	0.121
VISITING FRIENDS	0.006	0.001	0.292	0.001	0.000	0.000	0.009	0.000	0.002	0.312
RECREATION	0.005	0.003	0.236	0.000	0.000	0.000	0.014	0.000	0.003	0.260
HOLIDAY	0.014	0.005	0.136	0.000	0.000	0.000	0.002	0.003	0.000	0.160
PERSONAL AFFAIRS	0.015	0.001	0.086	0.001	0.000	0.000	0.000	0.000	0.001	0.104
OTHER	0.006	0.000	0.016	0.001	0.000	0.000	0.002	0.000	0.000	0.025
NOT STATED	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.001	0.006
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.025	0.010	0.193	0.013	0.000	0.000	0.037	0.002	0.006	0.287
2 PERSONS	0.024	0.000	0.189	0.007	0.000	0.000	0.001	0.000	0.004	0.226
3 PERSONS	0.004	0.004	0.167	0.000	0.000	0.000	0.003	0.000	0.000	0.178
4 PERSONS	0.000	0.000	0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.214
5 PERSONS	0.002	0.000	0.059	0.000	0.000	0.000	0.000	0.000	0.000	0.061
6 PERSONS	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
7 PERSONS	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
8 PERSONS	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.003
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							TOTAL	
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.035	0.028	0.045	0.010	0.004	0.000	0.006	0.128
FRIENDS HOME	-	0.082	0.082	0.144	0.027	0.003	0.000	0.002	0.340
CARAVAN/TENT	-	0.009	0.037	0.023	0.002	0.006	0.000	0.000	0.078
OTHER	-	0.006	0.023	0.043	0.020	0.001	0.000	0.000	0.092
NOT STATED	0.354	0.004	0.003	0.000	0.000	0.000	0.000	0.001	0.362
TOTAL	0.354	0.136	0.172	0.255	0.060	0.013	0.000	0.010	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.006	0.001	0.311	0.007	0.000	0.000	0.013	0.001	0.007	0.348
1	0.003	0.000	0.115	0.002	0.000	0.000	0.004	0.000	0.001	0.125
2	0.004	0.000	0.162	0.003	0.000	0.000	0.003	0.000	0.002	0.175
3-7	0.026	0.007	0.172	0.007	0.000	0.000	0.006	0.000	0.000	0.217
8-14	0.014	0.004	0.061	0.000	0.000	0.000	0.013	0.003	0.000	0.095
15-28	0.004	0.001	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.025
29-56	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.007	0.000	0.000	0.000	0.001	0.001	0.000	0.010
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.002	0.001	0.566	0.015	0.000	0.000	0.002	0.005	0.006	0.597
HOUSEHOLD	0.031	0.014	0.190	0.001	0.000	0.000	0.008	0.000	0.001	0.245
EMPLOYER	0.014	0.000	0.022	0.004	0.000	0.000	0.000	0.000	0.004	0.045
OTHER	0.008	0.000	0.008	0.000	0.000	0.000	0.001	0.000	0.000	0.017
NOT STATED	0.000	0.000	0.067	0.000	0.000	0.000	0.029	0.000	0.000	0.096
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
0-100	0.000	0.001	0.231	0.005	0.000	0.000	0.014	0.001	0.005	0.257
101-150	0.000	0.001	0.262	0.002	0.000	0.000	0.002	0.000	0.003	0.270
151-200	0.000	0.005	0.087	0.005	0.000	0.000	0.003	0.000	0.002	0.104
201-300	0.001	0.000	0.102	0.001	0.000	0.000	0.003	0.000	0.000	0.057
301-400	0.003	0.002	0.050	0.001	0.000	0.000	0.001	0.000	0.000	0.042
401-600	0.005	0.000	0.037	0.000	0.000	0.000	0.018	0.004	0.000	0.078
601-800	0.029	0.004	0.021	0.004	0.000	0.000	0.018	0.000	0.000	0.013
801-1000	0.001	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.069
OVER 1000	0.017	0.002	0.049	0.001	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.001	0.000	0.000	0.000	0.004	0.000	0.000	0.005
\$2001-4000	0.003	0.001	0.010	0.000	0.000	0.000	0.025	0.000	0.000	0.040
\$4001-6000	0.000	0.001	0.029	0.000	0.000	0.000	0.001	0.000	0.001	0.032
\$6001-8000	0.002	0.000	0.062	0.003	0.000	0.000	0.000	0.000	0.002	0.070
\$8001-10000	0.003	0.005	0.086	0.006	0.000	0.000	0.002	0.000	0.000	0.104
\$10001-15000	0.007	0.000	0.236	0.004	0.000	0.000	0.003	0.000	0.001	0.252
\$15001-20000	0.005	0.007	0.170	0.000	0.000	0.000	0.002	0.000	0.004	0.187
\$20001-25000	0.004	0.001	0.062	0.005	0.000	0.000	0.000	0.000	0.000	0.073
\$25001-30000	0.008	0.000	0.057	0.000	0.000	0.000	0.001	0.000	0.002	0.069
OVER \$30000	0.005	0.001	0.048	0.001	0.000	0.000	0.000	0.000	0.000	0.054
NOT STATED	0.018	0.000	0.091	0.000	0.000	0.000	0.001	0.005	0.000	0.115
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 311	0.001	0.007	0.217	0.000	0.000	0.000	0.016	0.001	0.001	0.243
REGION 307	0.000	0.000	0.094	0.000	0.000	0.000	0.001	0.000	0.002	0.097
REGION 306	0.000	0.000	0.083	0.000	0.000	0.000	0.000	0.000	0.000	0.083
REGION 303	0.000	0.000	0.067	0.000	0.000	0.000	0.002	0.000	0.002	0.072
REGION 310	0.000	0.000	0.060	0.001	0.000	0.000	0.000	0.000	0.000	0.061
REGION 301	0.000	0.000	0.055	0.003	0.000	0.000	0.001	0.000	0.001	0.060
REGION 214	0.021	0.000	0.013	0.002	0.000	0.000	0.016	0.004	0.000	0.056
REGION 308	0.000	0.000	0.050	0.004	0.000	0.000	0.002	0.000	0.000	0.055
REGION 302	0.001	0.001	0.035	0.001	0.000	0.000	0.000	0.000	0.000	0.038
REGION 309	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.004	0.035
REGION 402	0.008	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 501	0.008	0.004	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.019
REGION 304	0.000	0.000	0.016	0.000	0.000	0.000	0.001	0.000	0.000	0.017
REGION 210	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.014
REGION 207	0.000	0.000	0.012	0.001	0.000	0.000	0.000	0.000	0.000	0.014
REGION 401	0.002	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.014
REGION 205	0.000	0.000	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.013
REGION 305	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 404	0.000	0.000	0.008	0.001	0.000	0.000	0.000	0.000	0.000	0.009
REGION 203	0.000	0.000	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.007
OTHER REGIONS	0.014	0.002	0.041	0.004	0.000	0.000	0.001	0.000	0.000	0.062
TOTAL	0.055	0.015	0.853	0.020	0.000	0.000	0.040	0.005	0.011	1.000

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QUEENSLAND

SEPTEMBER 1977

TRIPS IN SAMPLE ... 900

PERFORMANCE SUMMARY

FORMS MAILED .....	1535
NOT DELIVERED .....	60
NET DISTRIBUTION .....	1475
TOTAL RETURNS .....	627
UNUSABLE RETURNS .....	22
NET RETURNS .....	605
RESPONSE RATE .....	0.41

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	900
EFFECTIVE H'HOLDS .....	590
GENERATION RATE .....	1.401
RELATIVE ERROR .....	0.095

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.095 0.157	0.398 0.061	0.303 0.075	0.105 0.146	0.034 0.265	0.028 0.268	0.037 0.255		1.000	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION RELATIVE ERROR	0.010 0.334	0.020 0.235	0.030 0.191	0.040 0.164	0.050 0.146	0.060 0.133	0.070 0.122	0.080 0.114	0.090 0.107	0.100 0.101	0.200 0.067	0.300 0.051	0.400 0.041	0.500 0.034	0.600 0.027	0.700 0.022
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TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.002	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.005	0.833	0.641
\$2001-4000	0.008	0.011	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.462	0.306
\$4001-6000	0.003	0.027	0.000	0.009	0.002	0.000	0.000	0.000	0.000	0.000	0.041	0.661	0.285
\$6001-8000	0.001	0.024	0.035	0.032	0.008	0.000	0.000	0.004	0.000	0.000	0.104	1.775	0.272
\$8001-10000	0.004	0.018	0.009	0.068	0.034	0.013	0.000	0.014	0.000	0.000	0.160	2.013	0.263
\$10001-15000	0.017	0.058	0.042	0.075	0.036	0.013	0.032	0.020	0.000	0.000	0.293	1.630	0.134
\$15001-20000	0.008	0.032	0.023	0.052	0.034	0.012	0.000	0.002	0.000	0.000	0.164	1.857	0.189
\$20001-25000	0.000	0.004	0.007	0.026	0.011	0.002	0.000	0.002	0.000	0.000	0.052	1.441	0.222
\$25001-30000	0.000	0.036	0.000	0.002	0.003	0.000	0.000	0.008	0.000	0.000	0.048	1.350	0.328
OVER \$30000	0.000	0.013	0.003	0.008	0.000	0.006	0.005	0.000	0.000	0.000	0.035	2.077	0.301
NOT STATED	0.000	0.006	0.008	0.039	0.021	0.000	0.000	0.001	0.000	0.000	0.077	1.576	0.334
TOTAL	0.045	0.230	0.129	0.312	0.149	0.048	0.037	0.051	0.000	0.000	0.000	1.000	
AVE TRIPS/H'HOLD	0.580	0.959	1.361	2.275	2.266	2.000	3.000	3.800	0.000	0.000	0.000		
RELATIVE ERROR	0.255	0.135	0.158	0.178	0.243	0.407	0.397	0.241	0.000*	0.000*	0.000*		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.010	0.015	0.000	0.000	0.000	0.000	0.000	0.026
OTHER BUSINESS	0.026	0.000	0.097	0.003	0.000	0.000	0.000	0.000	0.000	0.127
VISITING FRIENDS	0.008	0.001	0.218	0.005	0.002	0.000	0.012	0.001	0.003	0.249
RECREATION	0.005	0.040	0.202	0.006	0.000	0.000	0.003	0.000	0.000	0.256
HOLIDAY	0.002	0.000	0.138	0.000	0.003	0.000	0.001	0.000	0.000	0.145
PERSONAL AFFAIRS	0.015	0.000	0.110	0.001	0.000	0.000	0.005	0.000	0.000	0.131
OTHER	0.008	0.008	0.032	0.001	0.000	0.000	0.000	0.000	0.003	0.051
NOT STATED	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.000	0.014
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.047	0.013	0.215	0.020	0.000	0.000	0.003	0.000	0.005	0.304
2 PERSONS	0.013	0.018	0.211	0.011	0.005	0.000	0.004	0.000	0.000	0.262
3 PERSONS	0.005	0.000	0.095	0.000	0.000	0.000	0.003	0.001	0.000	0.104
4 PERSONS	0.000	0.000	0.164	0.000	0.000	0.000	0.011	0.000	0.000	0.175
5 PERSONS	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.093
6 PERSONS	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.017
7 PERSONS	0.000	0.018	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.028
8 PERSONS	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.017
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL	
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.036	0.039	0.038	0.002	0.006	0.003	0.000	0.000	0.125
FRIENDS HOME	-	0.061	0.098	0.077	0.018	0.012	0.000	0.000	0.008	0.274
CARAVAN/TENT	-	0.007	0.023	0.051	0.018	0.000	0.000	0.000	0.000	0.098
OTHER	-	0.014	0.043	0.008	0.020	0.016	0.000	0.000	0.000	0.101
NOT STATED	0.384	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.009	0.403
TOTAL	0.384	0.117	0.212	0.174	0.057	0.035	0.003	0.000	0.017	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.013	0.038	0.322	0.004	0.000	0.000	0.003	0.000	0.000	0.380
1	0.005	0.000	0.093	0.002	0.000	0.000	0.000	0.000	0.000	0.100
2	0.004	0.003	0.192	0.008	0.003	0.000	0.002	0.001	0.000	0.212
3-7	0.015	0.003	0.119	0.014	0.000	0.000	0.014	0.000	0.003	0.168
8-14	0.010	0.003	0.042	0.003	0.002	0.000	0.001	0.000	0.000	0.061
15-28	0.013	0.003	0.038	0.001	0.000	0.000	0.001	0.000	0.000	0.055
29-56	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.005	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.003	0.017
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.000	0.002	0.478	0.021	0.000	0.000	0.001	0.001	0.000	0.502
HOUSEHOLD	0.034	0.030	0.250	0.003	0.000	0.000	0.019	0.000	0.003	0.338
EMPLOYER	0.021	0.000	0.064	0.008	0.000	0.000	0.000	0.000	0.000	0.093
OTHER	0.009	0.003	0.013	0.000	0.005	0.000	0.001	0.000	0.000	0.031
NOT STATED	0.000	0.015	0.018	0.000	0.000	0.000	0.000	0.000	0.003	0.036
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRAL-GA	0.000	0.000	0.015	0.001	0.000	0.000	0.000	0.000	0.000	0.015
0-100	0.003	0.002	0.368	0.001	0.002	0.000	0.000	0.000	0.000	0.376
101-150	0.000	0.033	0.169	0.002	0.000	0.000	0.000	0.000	0.003	0.206
151-200	0.005	0.003	0.072	0.006	0.002	0.000	0.003	0.000	0.000	0.091
201-300	0.000	0.003	0.070	0.000	0.002	0.000	0.000	0.002	0.000	0.075
301-400	0.002	0.000	0.034	0.002	0.000	0.000	0.002	0.001	0.000	0.041
401-600	0.006	0.000	0.018	0.003	0.000	0.000	0.011	0.000	0.003	0.059
601-800	0.033	0.000	0.014	0.006	0.000	0.000	0.003	0.000	0.000	0.013
801-1000	0.002	0.000	0.009	0.000	0.000	0.000	0.001	0.000	0.000	0.087
OVER 1000	0.015	0.009	0.053	0.011	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

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TRIPS IN SAMPLE ... 900

TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
\$2001-4000	0.003	0.000	0.009	0.000	0.000	0.000	0.006	0.000	0.003	0.021
\$4001-6000	0.000	0.003	0.038	0.000	0.000	0.000	0.001	0.000	0.000	0.041
\$6001-8000	0.000	0.003	0.092	0.008	0.000	0.000	0.000	0.000	0.000	0.104
\$8001-10000	0.013	0.001	0.127	0.009	0.000	0.000	0.011	0.000	0.000	0.160
\$10001-15000	0.006	0.037	0.240	0.004	0.000	0.000	0.003	0.000	0.003	0.293
\$15001-20000	0.015	0.000	0.141	0.007	0.000	0.000	0.000	0.000	0.000	0.164
\$20001-25000	0.008	0.000	0.044	0.001	0.000	0.000	0.000	0.000	0.000	0.052
\$25001-30000	0.004	0.003	0.038	0.003	0.000	0.000	0.000	0.000	0.000	0.048
OVER \$30000	0.014	0.003	0.013	0.000	0.005	0.000	0.000	0.000	0.000	0.035
NOT STATED	0.000	0.000	0.075	0.000	0.000	0.000	0.000	0.001	0.000	0.077
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 402	0.002	0.000	0.161	0.000	0.000	0.000	0.000	0.000	0.000	0.162
REGION 412	0.000	0.033	0.073	0.002	0.000	0.000	0.000	0.000	0.003	0.110
REGION 401	0.004	0.003	0.078	0.002	0.000	0.000	0.015	0.000	0.000	0.102
REGION 404	0.000	0.003	0.093	0.001	0.000	0.000	0.000	0.000	0.000	0.097
REGION 407	0.005	0.000	0.085	0.003	0.002	0.000	0.000	0.001	0.000	0.095
REGION 403	0.003	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000	0.091
REGION 408	0.004	0.002	0.063	0.000	0.003	0.000	0.000	0.000	0.000	0.072
REGION 201	0.000	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.063
REGION 214	0.034	0.000	0.010	0.006	0.000	0.000	0.001	0.000	0.000	0.051
REGION 405	0.003	0.000	0.033	0.003	0.000	0.000	0.003	0.000	0.000	0.041
REGION 409	0.002	0.000	0.013	0.003	0.000	0.000	0.003	0.000	0.000	0.021
REGION 411	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 311	0.005	0.001	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.015
REGION 406	0.000	0.000	0.008	0.001	0.000	0.000	0.000	0.000	0.000	0.009
REGION 202	0.000	0.000	0.002	0.005	0.000	0.000	0.000	0.000	0.000	0.007
REGION 608	0.000	0.003	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 410	0.000	0.000	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.006
REGION 703	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
REGION 501	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
REGION 802	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
OTHER REGIONS	0.004	0.003	0.010	0.001	0.000	0.000	0.000	0.000	0.003	0.020
TOTAL	0.065	0.049	0.822	0.031	0.005	0.000	0.021	0.001	0.005	1.000

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SOUTH AUSTRALIA  
 SEPTEMBER 1977  
 TRIPS IN SAMPLE ... 787

## PERFORMANCE SUMMARY

FORMS MAILED .....	1286
NOT DELIVERED .....	71
NET DISTRIBUTION .....	1215
TOTAL RETURNS .....	486
UNUSABLE RETURNS .....	18
NET RETURNS .....	468
RESPONSE RATE .....	0.39

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	787
EFFECTIVE H'HOLDS .....	455
GENERATION RATE .....	1.292
RELATIVE ERROR .....	0.126

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
PROPORTION	0.094	0.441	0.302	0.099	0.012	0.027	0.024	1.000	
RELATIVE ERROR	0.220	0.079	0.107	0.211	0.527	0.393	0.421		

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.356	0.250	0.203	0.175	0.156	0.142	0.130	0.121	0.114	0.107	0.072	0.055	0.044	0.036	0.029	0.023

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.286	1.000	
\$2001-4000	0.009	0.003	0.005	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.039	0.807	0.369	
\$4001-6000	0.002	0.015	0.016	0.020	0.007	0.003	0.000	0.000	0.000	0.000	0.062	0.919	0.238	
\$6001-8000	0.005	0.006	0.008	0.036	0.004	0.000	0.000	0.000	0.000	0.000	0.059	1.387	0.272	
\$8001-10000	0.000	0.010	0.072	0.021	0.023	0.000	0.000	0.007	0.000	0.000	0.133	1.784	0.300	
\$10001-15000	0.001	0.043	0.007	0.118	0.067	0.086	0.000	0.001	0.000	0.000	0.001	0.323	2.547	0.165
\$15001-20000	0.000	0.050	0.050	0.026	0.004	0.022	0.000	0.002	0.000	0.000	0.154	2.923	0.224	
\$20001-25000	0.000	0.037	0.028	0.030	0.012	0.000	0.000	0.000	0.000	0.000	0.107	1.950	0.330	
\$25001-30000	0.000	0.002	0.001	0.054	0.000	0.002	0.000	0.000	0.000	0.000	0.060	2.125	0.246	
OVER \$30000	0.004	0.003	0.000	0.011	0.000	0.000	0.023	0.000	0.000	0.000	0.041	2.700	0.327	
NOT STATED	0.001	0.002	0.012	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.021	0.967	0.500	
TOTAL	0.022	0.172	0.199	0.338	0.116	0.118	0.023	0.010	0.000	0.000	0.001	1.000		
AVE TRIPS/H'HOLD	0.414	0.886	1.447	2.455	3.289	5.167	2.500	6.500	1.000	0.000*	0.000*	1.250		
RELATIVE ERROR	0.313	0.143	0.225	0.156	0.229	0.243	1.000	0.564	0.000*	0.000*	1.000			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
DELIVER FREIGHT	0.000	0.000	0.001	0.024	0.000	0.000	0.000	0.000	0.000	0.025
OTHER BUSINESS	0.024	0.000	0.066	0.008	0.000	0.000	0.000	0.009	0.000	0.107
VISITING FRIENDS	0.010	0.000	0.233	0.000	0.000	0.000	0.000	0.000	0.000	0.243
RECREATION	0.006	0.016	0.106	0.000	0.000	0.000	0.005	0.000	0.000	0.131
HOLIDAY	0.007	0.004	0.300	0.000	0.000	0.000	0.000	0.000	0.000	0.311
PERSONAL AFFAIRS	0.011	0.002	0.106	0.000	0.000	0.000	0.002	0.000	0.000	0.122
OTHER	0.000	0.000	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.057
NOT STATED	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.002	0.003
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
1 PERSON	0.037	0.018	0.187	0.026	0.000	0.000	0.007	0.009	0.001	0.285
2 PERSONS	0.021	0.002	0.158	0.004	0.000	0.000	0.000	0.000	0.000	0.184
3 PERSONS	0.000	0.000	0.191	0.000	0.000	0.000	0.001	0.000	0.000	0.192
4 PERSONS	0.000	0.002	0.186	0.001	0.000	0.000	0.000	0.000	0.000	0.189
5 PERSONS	0.000	0.000	0.118	0.000	0.000	0.000	0.000	0.000	0.001	0.120
6 PERSONS	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.030
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.024	0.039	0.036	0.014	0.000	0.000	0.000	0.113
FRIENDS HOME	-	0.055	0.100	0.139	0.053	0.038	0.002	0.000	0.389
CARAVAN/TENT	-	0.038	0.010	0.063	0.024	0.001	0.000	0.000	0.136
OTHER	-	0.004	0.029	0.033	0.000	0.000	0.000	0.004	0.069
NOT STATED	0.268	0.000	0.000	0.000	0.023	0.000	0.000	0.002	0.293
TOTAL	0.268	0.121	0.178	0.271	0.115	0.039	0.002	0.005	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.011	0.015	0.210	0.015	0.000	0.000	0.002	0.009	0.000	0.263
1	0.005	0.000	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.114
2	0.009	0.000	0.143	0.008	0.000	0.000	0.000	0.000	0.000	0.161
3-7	0.011	0.002	0.193	0.005	0.000	0.000	0.006	0.000	0.000	0.216
8-14	0.007	0.004	0.177	0.000	0.000	0.000	0.000	0.000	0.000	0.188
15-28	0.014	0.001	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.047
29-56	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
OVER 56	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.003
NOT STATED	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.002	0.005
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.001	0.531	0.012	0.000	0.000	0.000	0.009	0.000	0.554
HOUSEHOLD	0.033	0.015	0.259	0.000	0.000	0.000	0.006	0.000	0.000	0.314
EMPLOYER	0.024	0.000	0.021	0.015	0.000	0.000	0.000	0.000	0.000	0.060
OTHER	0.000	0.005	0.011	0.000	0.000	0.000	0.002	0.000	0.000	0.018
NOT STATED	0.000	0.000	0.048	0.004	0.000	0.000	0.000	0.000	0.001	0.053
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRAL-GA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0-100	0.000	0.014	0.243	0.000	0.000	0.000	0.000	0.009	0.000	0.267
101-150	0.005	0.000	0.157	0.002	0.000	0.000	0.000	0.000	0.001	0.164
151-200	0.000	0.000	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.103
201-300	0.003	0.001	0.053	0.014	0.000	0.000	0.002	0.000	0.000	0.074
301-400	0.005	0.003	0.054	0.011	0.000	0.000	0.000	0.000	0.000	0.074
401-600	0.005	0.000	0.067	0.002	0.000	0.000	0.005	0.000	0.000	0.078
601-800	0.006	0.002	0.095	0.002	0.000	0.000	0.000	0.000	0.000	0.104
801-1000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
OVER 1000	0.035	0.002	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.130
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
\$2001-4000	0.000	0.007	0.018	0.014	0.000	0.000	0.000	0.000	0.000	0.039
\$4001-6000	0.000	0.002	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.062
\$6001-8000	0.001	0.005	0.051	0.002	0.000	0.000	0.001	0.000	0.000	0.059
\$8001-10000	0.000	0.000	0.123	0.004	0.000	0.000	0.006	0.000	0.000	0.133
\$10001-15000	0.029	0.005	0.269	0.009	0.000	0.000	0.000	0.009	0.002	0.323
\$15001-20000	0.003	0.001	0.151	0.000	0.000	0.000	0.000	0.000	0.000	0.154
\$20001-25000	0.009	0.000	0.095	0.003	0.000	0.000	0.000	0.000	0.000	0.107
\$25001-30000	0.006	0.001	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.060
OVER \$30000	0.010	0.001	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.041
NOT STATED	0.000	0.001	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.021
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 507	0.000	0.005	0.144	0.000	0.000	0.000	0.000	0.000	0.000	0.149
REGION 501	0.003	0.004	0.108	0.014	0.000	0.000	0.002	0.000	0.000	0.133
REGION 503	0.000	0.005	0.102	0.001	0.000	0.000	0.000	0.000	0.000	0.108
REGION 506	0.005	0.000	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.100
REGION 214	0.010	0.000	0.072	0.000	0.000	0.000	0.000	0.000	0.000	0.082
REGION 505	0.000	0.005	0.049	0.000	0.000	0.000	0.000	0.009	0.001	0.064
REGION 311	0.006	0.001	0.043	0.004	0.000	0.000	0.000	0.000	0.000	0.053
REGION 508	0.005	0.000	0.035	0.006	0.000	0.000	0.001	0.000	0.000	0.046
REGION 504	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.045
REGION 509	0.000	0.000	0.037	0.005	0.000	0.000	0.000	0.000	0.000	0.042
REGION 308	0.000	0.001	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.037
REGION 304	0.000	0.000	0.027	0.000	0.000	0.000	0.005	0.000	0.000	0.031
REGION 206	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 305	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 608	0.010	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 302	0.005	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 502	0.000	0.000	0.010	0.001	0.000	0.000	0.000	0.000	0.000	0.011
REGION 802	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 402	0.005	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 210	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
OTHER REGIONS	0.001	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.019
TOTAL	0.058	0.022	0.870	0.032	0.000	0.000	0.007	0.009	0.002	1.000

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## PERFORMANCE SUMMARY

FORMS MAILED .....	516
NOT DELIVERED .....	52
NET DISTRIBUTION ....	464
TOTAL RETURNS .....	238
UNUSABLE RETURNS ....	5
NET RETURNS .....	233
RESPONSE RATE .....	0.50

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	564
EFFECTIVE H'HOLDS .....	231
GENERATION RATE .....	2.094
RELATIVE ERROR .....	0.359

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE						NOT STATED	TOTAL
	0	1	2	3	4	OVER 4		
0.090	0.388	0.346	0.096	0.035	0.024	0.021	0.574	1.000
0.290	0.110	0.120	0.268	0.432	0.496			

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.489	0.344	0.279	0.241	0.214	0.195	0.179	0.167	0.156	0.147	0.098	0.075	0.060	0.049	0.040	0.032

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.004	2.500	1.000
\$2001-4000	0.001	0.018	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.722	0.558
\$4001-6000	0.007	0.089	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.101	0.957	0.413
\$6001-8000	0.001	0.024	0.000	0.000	0.006	0.004	0.000	0.000	0.000	0.000	0.035	2.214	0.405
\$8001-10000	0.001	0.029	0.025	0.020	0.006	0.000	0.005	0.000	0.000	0.000	0.085	2.000	0.488
\$10001-15000	0.003	0.078	0.051	0.108	0.024	0.040	0.000	0.000	0.001	0.000	0.303	2.018	0.136
\$15001-20000	0.000	0.008	0.048	0.004	0.014	0.004	0.031	0.000	0.000	0.025	0.134	1.925	0.248
\$20001-25000	0.000	0.047	0.046	0.013	0.000	0.015	0.000	0.000	0.000	0.000	0.120	2.684	0.245
\$25001-30000	0.000	0.018	0.002	0.015	0.015	0.029	0.000	0.006	0.000	0.000	0.085	3.000	0.285
OVER \$30000	0.000	0.000	0.000	0.007	0.000	0.005	0.000	0.000	0.000	0.015	0.027	0.889	0.512
NOT STATED	0.026	0.009	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.081	1.308	0.350
TOTAL	0.038	0.320	0.176	0.219	0.068	0.097	0.036	0.006	0.001	0.000	0.040	1.000	
AVE TRIPS/H'HOLD	0.448	1.304	1.881	2.744	2.720	2.286	6.000	3.500	1.000	0.000	1.200		
RELATIVE ERROR	0.393	0.162	0.204	0.242	0.254	0.269	0.167	1.000	0.000*	0.000*	0.667		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.031	0.000	0.113	0.011	0.000	0.000	0.000	0.001	0.001	0.157
VISITING FRIENDS	0.009	0.001	0.139	0.000	0.000	0.000	0.003	0.000	0.000	0.151
RECREATION	0.007	0.000	0.234	0.000	0.000	0.004	0.000	0.000	0.000	0.244
HOLIDAY	0.002	0.001	0.171	0.012	0.000	0.000	0.000	0.000	0.000	0.187
PERSONAL AFFAIRS	0.017	0.000	0.171	0.000	0.000	0.000	0.016	0.000	0.022	0.226
OTHER	0.005	0.000	0.030	0.000	0.000	0.000	0.000	0.001	0.000	0.035
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.063	0.001	0.232	0.011	0.000	0.000	0.004	0.001	0.000	0.313
2 PERSONS	0.000	0.001	0.264	0.012	0.000	0.000	0.015	0.000	0.001	0.294
3 PERSONS	0.004	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.022	0.091
4 PERSONS	0.002	0.000	0.184	0.000	0.000	0.000	0.000	0.000	0.000	0.186
5 PERSONS	0.000	0.000	0.102	0.000	0.000	0.004	0.000	0.000	0.000	0.106
6 PERSONS	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
7 PERSONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.023	0.068	0.123	0.019	0.007	0.000	0.000	0.241
FRIENDS HOME	-	0.024	0.049	0.132	0.061	0.017	0.002	0.000	0.292
CARAVAN/TENT	-	0.008	0.051	0.021	0.029	0.000	0.000	0.000	0.109
OTHER	-	0.010	0.015	0.026	0.032	0.000	0.000	0.000	0.097
NOT STATED	0.257	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.260
TOTAL	0.257	0.065	0.183	0.305	0.142	0.024	0.002	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
0	0.002	0.001	0.248	0.000	0.000	0.000	0.000	0.000	0.252
1	0.001	0.000	0.045	0.001	0.000	0.000	0.000	0.001	0.048
2	0.008	0.001	0.118	0.000	0.000	0.000	0.000	0.000	0.128
3-7	0.032	0.000	0.246	0.010	0.000	0.004	0.004	0.000	0.296
8-14	0.010	0.000	0.102	0.000	0.000	0.000	0.000	0.000	0.112
15-28	0.010	0.000	0.072	0.012	0.000	0.000	0.000	0.000	0.022
29-56	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.026
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.007	0.000	0.000	0.000	0.000	0.000	0.015	0.000	0.022
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023
									1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
NO FARES	0.007	0.000	0.598	0.012	0.000	0.004	0.000	0.000	0.622
HOUSEHOLD	0.038	0.003	0.130	0.000	0.000	0.000	0.000	0.001	0.177
EMPLOYER	0.020	0.000	0.031	0.011	0.000	0.000	0.000	0.001	0.063
OTHER	0.000	0.000	0.001	0.000	0.000	0.000	0.015	0.000	0.037
NOT STATED	0.005	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.100
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023
									1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
INTRA-LGA	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.013
0-100	0.000	0.001	0.163	0.000	0.000	0.000	0.000	0.000	0.165
101-150	0.002	0.000	0.103	0.000	0.000	0.000	0.000	0.000	0.105
151-200	0.000	0.001	0.113	0.000	0.000	0.000	0.000	0.001	0.116
201-300	0.003	0.000	0.109	0.004	0.000	0.000	0.000	0.000	0.115
301-400	0.009	0.000	0.082	0.007	0.000	0.000	0.016	0.000	0.108
401-600	0.001	0.000	0.104	0.000	0.000	0.000	0.003	0.000	0.057
601-800	0.002	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.030
801-1000	0.000	0.000	0.018	0.012	0.000	0.000	0.000	0.000	0.022
OVER 1000	0.053	0.000	0.098	0.000	0.000	0.004	0.000	0.000	0.177
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023
									1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.001	0.000	0.004
\$2001-4000	0.000	0.000	0.010	0.000	0.000	0.000	0.015	0.000	0.000	0.025
\$4001-6000	0.000	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.001	0.101
\$6001-8000	0.005	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.035
\$8001-10000	0.000	0.000	0.073	0.012	0.000	0.000	0.000	0.000	0.000	0.085
\$10001-15000	0.007	0.001	0.282	0.007	0.000	0.004	0.002	0.000	0.000	0.303
\$15001-20000	0.015	0.000	0.116	0.004	0.000	0.000	0.000	0.000	0.000	0.134
\$20001-25000	0.009	0.000	0.111	0.000	0.000	0.000	0.000	0.000	0.000	0.120
\$25001-30000	0.019	0.000	0.063	0.000	0.000	0.000	0.003	0.000	0.000	0.085
OVER \$30000	0.015	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.027
NOT STATED	0.000	0.001	0.058	0.000	0.000	0.000	0.000	0.000	0.022	0.081
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 608	0.012	0.001	0.193	0.000	0.000	0.000	0.004	0.001	0.000	0.212
REGION 604	0.000	0.000	0.189	0.000	0.000	0.000	0.000	0.000	0.000	0.189
REGION 607	0.000	0.000	0.160	0.007	0.000	0.000	0.000	0.000	0.000	0.167
REGION 603	0.003	0.001	0.061	0.004	0.000	0.000	0.000	0.000	0.000	0.068
REGION 602	0.000	0.000	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.065
REGION 609	0.003	0.000	0.037	0.012	0.000	0.000	0.000	0.000	0.000	0.052
REGION 214	0.022	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.046
REGION 601	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.015	0.000	0.046
REGION 605	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.032
REGION 311	0.015	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.029
REGION 304	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.025
REGION 501	0.007	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.020
REGION 203	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 403	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 101	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009
REGION 606	0.002	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 801	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.005
REGION 405	0.000	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.004
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.070	0.003	0.857	0.024	0.000	0.004	0.019	0.001	0.023	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	250
NOT DELIVERED .....	9
NET DISTRIBUTION .....	241
TOTAL RETURNS .....	106
UNUSABLE RETURNS .....	1
NET RETURNS .....	105
RESPONSE RATE .....	0.44

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	210
EFFECTIVE H'HOLDS .....	104
GENERATION RATE .....	1.738
RELATIVE ERROR .....	0.198

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.121	0.424	0.286	0.088	0.001	0.032	0.047	
RELATIVE ERROR		0.293	0.122	0.171	0.340	1.000	0.593	0.487	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.688	0.484	0.393	0.339	0.302	0.274	0.252	0.235	0.220	0.208	0.138	0.106	0.085	0.069	0.056	0.045

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.008	0.000	0.038	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.062	1.400
\$8001-10000	0.041	0.024	0.100	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.000	0.183	2.750
\$10001-15000	0.000	0.037	0.043	0.020	0.045	0.056	0.046	0.000	0.000	0.000	0.000	0.247	3.056
\$15001-20000	0.000	0.022	0.070	0.180	0.091	0.007	0.000	0.000	0.000	0.000	0.000	0.370	3.421
\$20001-25000	0.000	0.043	0.000	0.001	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.052	1.000
\$25001-30000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER \$30000	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.047	2.667	0.661
NOT STATED	0.000	0.000	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.038	1.250	1.000
TOTAL	0.041	0.181	0.212	0.239	0.193	0.071	0.046	0.017	0.000	0.000	0.000	1.000	
AVE TRIPS/H'HOLD	0.625	0.909	2.474	2.529	6.250	3.800	1.750	4.000*	0.000*	0.000*	0.000*		
RELATIVE ERROR	0.618	0.289	0.350	0.489	0.397	0.394	1.000	0.000*	0.000*	0.000*	0.000*		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.046	0.000	0.099	0.000	0.000	0.000	0.000	0.000	0.000	0.145
VISITING FRIENDS	0.028	0.000	0.246	0.000	0.008	0.000	0.000	0.000	0.000	0.282
RECREATION	0.028	0.015	0.114	0.000	0.000	0.000	0.000	0.000	0.004	0.162
HOLIDAY	0.000	0.000	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.098
PERSONAL AFFAIRS	0.020	0.008	0.131	0.000	0.000	0.000	0.000	0.000	0.000	0.159
OTHER	0.000	0.014	0.140	0.000	0.000	0.000	0.000	0.000	0.000	0.154
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
1 PERSON	0.077	0.022	0.103	0.000	0.008	0.000	0.000	0.000	0.004	0.214
2 PERSONS	0.045	0.015	0.191	0.000	0.000	0.000	0.000	0.000	0.000	0.251
3 PERSONS	0.000	0.000	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.119
4 PERSONS	0.000	0.000	0.216	0.000	0.000	0.000	0.000	0.000	0.000	0.216
5 PERSONS	0.000	0.000	0.099	0.000	0.000	0.000	0.000	0.000	0.000	0.099
6 PERSONS	0.000	0.000	0.056	0.000	0.000	0.000	0.000	0.000	0.000	0.056
7 PERSONS	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000	0.046
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.068	0.095	0.055	0.000	0.009	0.000	0.000	0.000	0.227
FRIENDS HOME	-	0.009	0.089	0.044	0.007	0.000	0.000	0.000	0.026	0.175
CARAVAN/TENT	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	-	0.000	0.158	0.083	0.007	0.000	0.000	0.000	0.000	0.248
NOT STATED	0.347	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.349
TOTAL	0.347	0.078	0.342	0.183	0.013	0.010	0.000	0.000	0.026	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.004	0.008	0.331	0.000	0.000	0.000	0.000	0.000	0.004	0.347
1	0.008	0.015	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.078
2	0.063	0.008	0.264	0.000	0.008	0.000	0.000	0.000	0.000	0.342
3-7	0.031	0.000	0.152	0.000	0.000	0.000	0.000	0.000	0.000	0.183
8-14	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013
15-28	0.009	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.010
29-56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.000	0.000	0.563	0.000	0.008	0.000	0.000	0.000	0.000	0.570
HOUSEHOLD	0.069	0.014	0.190	0.000	0.000	0.000	0.000	0.000	0.004	0.277
EMPLOYER	0.046	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.076
OTHER	0.008	0.023	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.039
NOT STATED	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.038
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.000	0.104	0.000	0.000	0.000	0.000	0.000	0.000	0.104
0-100	0.000	0.008	0.267	0.000	0.000	0.000	0.000	0.000	0.000	0.274
101-150	0.000	0.000	0.232	0.000	0.000	0.000	0.000	0.000	0.000	0.232
151-200	0.000	0.029	0.142	0.000	0.000	0.000	0.000	0.000	0.000	0.171
201-300	0.000	0.000	0.046	0.000	0.008	0.000	0.000	0.000	0.004	0.057
301-400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
401-600	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.093
601-800	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
801-1000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009
OVER 1000	0.008	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.046
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.004	0.008	0.046	0.000	0.000	0.000	0.000	0.000	0.004	0.062
\$8001-10000	0.014	0.007	0.163	0.000	0.000	0.000	0.000	0.000	0.000	0.062
\$10001-15000	0.029	0.015	0.202	0.000	0.000	0.000	0.000	0.000	0.000	0.183
\$15001-20000	0.024	0.008	0.331	0.000	0.008	0.000	0.000	0.000	0.000	0.247
\$20001-25000	0.028	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.052
\$25001-30000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER \$30000	0.023	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.047
NOT STATED	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.038
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 703	0.000	0.023	0.407	0.000	0.000	0.000	0.000	0.000	0.000	0.430
REGION 701	0.000	0.014	0.240	0.000	0.000	0.000	0.000	0.000	0.004	0.259
REGION 702	0.000	0.000	0.144	0.000	0.008	0.000	0.000	0.000	0.000	0.151
REGION 311	0.092	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.092
REGION 501	0.009	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 406	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 410	0.000	0.000	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 303	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
REGION 101	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 207	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.122	0.037	0.829	0.000	0.008	0.000	0.000	0.000	0.004	1.000

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## NORTHERN TERRITORY

SEPTEMBER 1977

TRIPS IN SAMPLE . . . 61

## PERFORMANCE SUMMARY

FORMS MAILED . . . . .	121
NOT DELIVERED . . . . .	21
NET DISTRIBUTION . . . . .	100
 TOTAL RETURNS . . . . .	34
UNUSABLE RETURNS . . . . .	0
NET RETURNS . . . . .	34
 RESPONSE RATE . . . . .	0.34

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE . . . .	61
EFFECTIVE H'HOLDS . . . .	35
GENERATION RATE . . . .	1.382
RELATIVE ERROR . . . .	0.362

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.043	0.429	0.370	0.057	0.057	0.043	0.000	1.000
RELATIVE ERROR		1.000	0.229	0.254	0.798	0.798	1.000	0.000*	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	1.682	1.183	0.961	0.828	0.737	0.669	0.616	0.573	0.537	0.507	0.338	0.258	0.207	0.169	0.138	0.111

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.083	0.000	0.166	0.098	0.000	0.000	0.000	0.000	0.000	0.348
VISITING FRIENDS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RECREATION	0.000	0.000	0.216	0.000	0.000	0.000	0.000	0.000	0.000	0.216
HOLIDAY	0.012	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.054
PERSONAL AFFAIRS	0.037	0.000	0.166	0.000	0.000	0.000	0.000	0.000	0.000	0.203
OTHER	0.012	0.000	0.125	0.000	0.000	0.042	0.000	0.000	0.000	0.179
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.120	0.000	0.424	0.000	0.000	0.042	0.000	0.000	0.000	0.586
2 PERSONS	0.025	0.000	0.000	0.098	0.000	0.000	0.000	0.000	0.000	0.123
3 PERSONS	0.000	0.000	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.125
4 PERSONS	0.000	0.000	0.166	0.000	0.000	0.000	0.000	0.000	0.000	0.166
5 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	~	0.000	0.000	0.042	0.012	0.000	0.042	0.000	0.096
FRIENDS HOME	~	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.025
CARAVAN/TENT	~	0.000	0.208	0.000	0.000	0.000	0.000	0.000	0.208
OTHER	~	0.049	0.000	0.000	0.042	0.000	0.000	0.000	0.091
NOT STATED	0.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.581
TOTAL	0.581	0.049	0.208	0.042	0.079	0.000	0.042	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.000	0.000	0.458	0.098	0.000	0.000	0.000	0.000	0.000	0.556
1	0.000	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.000	0.049
2	0.000	0.000	0.208	0.000	0.000	0.000	0.000	0.000	0.000	0.208
3-7	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042
8-14	0.037	0.000	0.000	0.000	0.000	0.042	0.000	0.000	0.000	0.079
15-28	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29-56	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.066
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.000	0.590	0.098	0.000	0.042	0.000	0.000	0.000	0.730
HOUSEHOLD	0.049	0.000	0.125	0.000	0.000	0.000	0.000	0.000	0.000	0.174
EMPLOYER	0.096	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.096
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.000	0.098	0.000	0.000	0.000	0.000	0.000	0.098
0-100	0.000	0.000	0.507	0.000	0.000	0.000	0.000	0.000	0.000	0.507
101-150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151-200	0.000	0.000	0.208	0.000	0.000	0.000	0.000	0.000	0.000	0.208
201-300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
301-400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
401-600	0.000	0.000	0.000	0.000	0.000	0.042	0.000	0.000	0.000	0.042
601-800	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042
801-1000	0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.042
OVER 1000	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.062
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$8001-10000	0.000	0.000	0.000	0.098	0.000	0.000	0.000	0.000	0.098
\$10001-15000	0.037	0.000	0.166	0.000	0.000	0.000	0.000	0.000	0.203
\$15001-20000	0.042	0.000	0.507	0.000	0.000	0.042	0.000	0.000	0.590
\$20001-25000	0.042	0.000	0.042	0.000	0.000	0.000	0.000	0.000	0.083
\$25001-30000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
OVER \$30000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
REGION 801	0.054	0.000	0.666	0.000	0.000	0.042	0.000	0.000	0.761
REGION 802	0.042	0.000	0.049	0.098	0.000	0.000	0.000	0.000	0.189
REGION 501	0.037	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.037
REGION 311	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 201	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 210	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 212	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 214	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 215	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.145	0.000	0.715	0.098	0.000	0.042	0.000	0.000	1.000

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AUSTRALIA  
SEPTEMBER 1977  
TRIPS IN SAMPLE ... 6761

## PERFORMANCE SUMMARY

FORMS MAILED .....	8290
NOT DELIVERED .....	362
NET DISTRIBUTION .....	7928
TOTAL RETURNS .....	3373
UNUSABLE RETURNS ....	87
NET RETURNS .....	3286
RESPONSE RATE .....	0.41

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	6761
EFFECTIVE H'HOLDS .....	3212
GENERATION RATE .....	1.831
RELATIVE ERROR .....	0.065

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION	VEHICLES AVAILABLE		2	3	4	OVER 4	NOT STATED	TOTAL
	0	1						
RELATIVE ERROR	0.113	0.423	0.296	0.086	0.024	0.018	0.040	1.000
	0.068	0.027	0.036	0.075	0.138	0.149	0.118	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.126	0.089	0.072	0.062	0.055	0.050	0.046	0.043	0.040	0.038	0.025	0.019	0.016	0.013	0.010	0.008

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.002	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.483	0.323	
\$2001-4000	0.009	0.014	0.002	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.029	0.769	0.206	
\$4001-6000	0.003	0.025	0.007	0.005	0.001	0.001	0.000	0.000	0.021	0.000	0.063	1.003	0.164	
\$6001-8000	0.004	0.022	0.016	0.014	0.007	0.008	0.000	0.001	0.001	0.000	0.074	1.777	0.117	
\$8001-10000	0.016	0.019	0.023	0.027	0.024	0.004	0.001	0.006	0.000	0.000	0.120	1.856	0.096	
\$10001-15000	0.009	0.059	0.037	0.088	0.041	0.030	0.007	0.009	0.000	0.000	0.283	2.374	0.064	
\$15001-20000	0.002	0.030	0.034	0.059	0.030	0.016	0.004	0.003	0.002	0.000	0.001	0.181	2.854	0.082
\$20001-25000	0.001	0.021	0.013	0.026	0.012	0.001	0.001	0.000	0.000	0.000	0.076	2.559	0.096	
\$25001-30000	0.000	0.011	0.003	0.024	0.005	0.004	0.000	0.004	0.000	0.000	0.052	2.464	0.123	
OVER \$30000	0.000	0.010	0.006	0.008	0.018	0.006	0.005	0.000	0.000	0.001	0.053	3.048	0.144	
NOT STATED	0.004	0.009	0.010	0.028	0.013	0.001	0.000	0.001	0.000	0.000	0.066	1.531	0.151	
TOTAL	0.051	0.221	0.151	0.281	0.152	0.070	0.019	0.025	0.026	0.000	0.003	1.000		
AVE TRIPS/H'HOLD	0.571	1.302	1.985	2.624	3.416	3.532	3.033	4.463	6.769	2.000	0.622			
RELATIVE ERROR	0.103	0.069	0.087	0.065	0.082	0.121	0.218	0.190	0.482	0.000*	0.381			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.009	0.011	0.000	0.000	0.000	0.000	0.001	0.021
OTHER BUSINESS	0.021	0.001	0.104	0.007	0.000	0.000	0.004	0.001	0.001	0.140
VISITING FRIENDS	0.011	0.001	0.240	0.001	0.001	0.000	0.008	0.001	0.003	0.266
RECREATION	0.004	0.013	0.160	0.001	0.000	0.000	0.007	0.000	0.003	0.188
HOLIDAY	0.008	0.005	0.166	0.001	0.000	0.000	0.004	0.002	0.001	0.187
PERSONAL AFFAIRS	0.011	0.001	0.105	0.000	0.000	0.000	0.029	0.000	0.001	0.148
OTHER	0.003	0.002	0.035	0.000	0.000	0.000	0.002	0.000	0.000	0.043
NOT STATED	0.000	0.003	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.008
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.035	0.016	0.174	0.016	0.001	0.000	0.024	0.001	0.006	0.272
2 PERSONS	0.014	0.006	0.181	0.005	0.001	0.000	0.005	0.001	0.001	0.214
3 PERSONS	0.003	0.001	0.129	0.001	0.000	0.000	0.003	0.001	0.003	0.141
4 PERSONS	0.005	0.001	0.191	0.000	0.000	0.000	0.002	0.000	0.001	0.200
5 PERSONS	0.001	0.000	0.094	0.000	0.000	0.000	0.000	0.000	0.000	0.095
6 PERSONS	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.041
7 PERSONS	0.000	0.002	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.010
8 PERSONS	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.019	0.000	0.000	0.019
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.033	0.037	0.056	0.012	0.003	0.001	0.000	0.002
FRIENDS HOME	-	0.056	0.082	0.119	0.033	0.011	0.000	0.000	0.003
CARAVAN/TENT	-	0.009	0.028	0.038	0.016	0.002	0.000	0.000	0.000
OTHER	-	0.016	0.023	0.025	0.024	0.003	0.000	0.000	0.093
NOT STATED	0.355	0.002	0.003	0.000	0.002	0.001	0.001	0.000	0.005
TOTAL	0.355	0.115	0.172	0.239	0.088	0.019	0.001	0.000	0.010
									1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
0	0.009	0.010	0.260	0.008	0.000	0.000	0.013	0.001	0.006
1	0.004	0.001	0.095	0.004	0.000	0.000	0.002	0.000	0.106
2	0.008	0.003	0.148	0.003	0.001	0.000	0.003	0.000	0.167
3-7	0.022	0.003	0.193	0.005	0.000	0.000	0.006	0.001	0.232
8-14	0.009	0.003	0.083	0.001	0.000	0.000	0.009	0.002	0.107
15-28	0.006	0.003	0.034	0.001	0.000	0.000	0.000	0.000	0.045
29-56	0.000	0.000	0.005	0.000	0.000	0.000	0.020	0.000	0.025
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.001	0.003	0.004	0.000	0.000	0.000	0.001	0.000	0.010
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
NO FARES	0.001	0.001	0.486	0.012	0.001	0.000	0.003	0.004	0.005
HOUSEHOLD	0.031	0.019	0.259	0.001	0.000	0.000	0.020	0.000	0.332
EMPLOYER	0.021	0.001	0.029	0.008	0.000	0.000	0.002	0.000	0.062
OTHER	0.004	0.002	0.007	0.000	0.001	0.000	0.002	0.000	0.017
NOT STATED	0.000	0.003	0.042	0.000	0.000	0.000	0.027	0.000	0.074
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	
INTRA-LGA	0.001	0.000	0.010	0.000	0.000	0.000	0.024	0.000	0.000
0-100	0.000	0.007	0.266	0.005	0.000	0.000	0.006	0.001	0.004
101-150	0.001	0.005	0.191	0.001	0.000	0.000	0.004	0.000	0.003
151-200	0.001	0.004	0.074	0.003	0.000	0.000	0.001	0.000	0.085
201-300	0.003	0.002	0.096	0.002	0.000	0.000	0.002	0.000	0.106
301-400	0.005	0.003	0.045	0.005	0.000	0.000	0.003	0.001	0.060
401-600	0.009	0.000	0.043	0.001	0.000	0.000	0.003	0.001	0.056
601-800	0.021	0.001	0.038	0.002	0.000	0.000	0.008	0.001	0.074
801-1000	0.002	0.000	0.013	0.001	0.000	0.000	0.002	0.000	0.018
OVER 1000	0.015	0.004	0.048	0.002	0.000	0.000	0.001	0.000	0.072
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011

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AUSTRALIA

SEPTEMBER 1977

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.003	0.000	0.000	0.000	0.001	0.000	0.000	0.004
\$2001-4000	0.001	0.002	0.011	0.002	0.000	0.000	0.011	0.000	0.001	0.029
\$4001-6000	0.000	0.004	0.057	0.000	0.000	0.000	0.001	0.000	0.000	0.063
\$6001-8000	0.002	0.003	0.065	0.002	0.000	0.000	0.001	0.000	0.001	0.074
\$8001-10000	0.005	0.002	0.100	0.007	0.000	0.000	0.004	0.000	0.002	0.120
\$10001-15000	0.008	0.008	0.230	0.003	0.000	0.000	0.028	0.002	0.003	0.283
\$15001-20000	0.010	0.004	0.161	0.001	0.000	0.000	0.003	0.000	0.001	0.181
\$20001-25000	0.007	0.001	0.065	0.002	0.000	0.000	0.000	0.000	0.000	0.076
\$25001-30000	0.007	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.052
OVER \$30000	0.011	0.002	0.036	0.004	0.001	0.000	0.003	0.000	0.001	0.053
NOT STATED	0.006	0.001	0.055	0.000	0.000	0.000	0.001	0.001	0.002	0.066
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 214	0.016	0.001	0.082	0.006	0.000	0.000	0.036	0.001	0.001	0.143
REGION 311	0.010	0.002	0.077	0.001	0.000	0.000	0.006	0.000	0.000	0.097
REGION 402	0.003	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.038
REGION 213	0.000	0.001	0.033	0.000	0.000	0.000	0.000	0.000	0.001	0.036
REGION 212	0.000	0.004	0.028	0.000	0.000	0.000	0.000	0.000	0.002	0.035
REGION 208	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.031
REGION 401	0.004	0.001	0.027	0.000	0.000	0.000	0.000	0.000	0.001	0.028
REGION 211	0.002	0.000	0.023	0.001	0.000	0.000	0.000	0.000	0.000	0.026
REGION 306	0.000	0.000	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.024
REGION 501	0.005	0.001	0.016	0.001	0.000	0.000	0.000	0.000	0.000	0.024
REGION 203	0.000	0.000	0.020	0.001	0.000	0.000	0.000	0.000	0.000	0.022
REGION 303	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.001	0.000	0.021
REGION 308	0.000	0.000	0.018	0.001	0.000	0.000	0.000	0.000	0.000	0.020
REGION 202	0.000	0.000	0.017	0.001	0.000	0.000	0.000	0.000	0.000	0.019
REGION 210	0.000	0.001	0.017	0.000	0.000	0.000	0.000	0.001	0.000	0.019
REGION 404	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 412	0.001	0.004	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.018
REGION 310	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 301	0.000	0.000	0.016	0.001	0.000	0.000	0.000	0.000	0.000	0.017
OTHER REGIONS	0.017	0.009	0.272	0.008	0.001	0.001	0.007	0.001	0.004	0.320
TOTAL	0.058	0.026	0.823	0.022	0.001	0.001	0.054	0.004	0.011	1.000

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<b>PERFORMANCE SUMMARY</b>	
<b>FORMS MAILED</b>	<b>306</b>
<b>NOT DELIVERED</b>	<b>5</b>
<b>NET DISTRIBUTION</b>	<b>301</b>
<b>TOTAL RETURNS</b>	<b>159</b>
<b>UNUSABLE RETURNS</b>	<b>2</b>
<b>NET RETURNS</b>	<b>157</b>
<b>RESPONSE RATE</b>	<b>0.52</b>

AUSTRALIAN CAPITAL TERRITORY  
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TRIP GENERATION SUMMARY	
TRIPS IN SAMPLE . . . . .	311
EFFECTIVE H HOLD . . . . .	155
GENERATION RATE . . . . .	2.006
RELATIVE ERROR . . . . .	0.120

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.057	0.382	0.395	0.115	0.038	0.006	0.006	
RELATIVE ERROR		0.325	0.102	0.099	0.222	0.402	1.000	1.000	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

**PROPORTION** 0.010 0.020 0.030 0.040 0.050 0.060 0.070 0.080 0.090 0.100 0.200 0.300 0.400 0.500 0.600 0.700  
**RELATIVE ERROR** 0.563 0.396 0.322 0.277 0.247 0.224 0.206 0.192 0.180 0.170 0.113 0.086 0.069 0.057 0.046 0.037

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.003	0.016	0.000	0.000	0.000	0.000	0.000	0.019
OTHER BUSINESS	0.080	0.000	0.105	0.000	0.000	0.000	0.003	0.000	0.000	0.188
VISITING FRIENDS	0.019	0.000	0.201	0.000	0.000	0.000	0.000	0.000	0.000	0.220
RECREATION	0.006	0.016	0.233	0.000	0.000	0.000	0.000	0.000	0.000	0.256
HOLIDAY	0.003	0.000	0.144	0.000	0.000	0.000	0.000	0.000	0.000	0.147
PERSONAL AFFAIRS	0.006	0.000	0.128	0.000	0.000	0.000	0.000	0.000	0.000	0.134
OTHER	0.000	0.003	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.035
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.089	0.010	0.182	0.016	0.000	0.000	0.003	0.000	0.000	0.300
2 PERSONS	0.013	0.000	0.224	0.000	0.000	0.000	0.000	0.000	0.000	0.236
3 PERSONS	0.000	0.010	0.192	0.000	0.000	0.000	0.000	0.000	0.000	0.201
4 PERSONS	0.013	0.000	0.153	0.000	0.000	0.000	0.000	0.000	0.000	0.166
5 PERSONS	0.000	0.000	0.096	0.000	0.000	0.000	0.000	0.000	0.000	0.096
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.032	0.054	0.067	0.032	0.000	0.000	0.000	0.185
FRIENDS HOME	-	0.054	0.128	0.125	0.051	0.000	0.000	0.000	0.358
CARAVAN/TENT	-	0.006	0.051	0.032	0.000	0.000	0.000	0.000	0.089
OTHER	-	0.013	0.016	0.019	0.019	0.000	0.000	0.000	0.067
NOT STATED	0.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.300
TOTAL	0.300	0.105	0.249	0.243	0.102	0.000	0.000	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.035	0.006	0.233	0.016	0.000	0.000	0.000	0.000	0.000	0.291
1	0.019	0.000	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.086
2	0.016	0.003	0.217	0.000	0.000	0.000	0.000	0.000	0.000	0.236
3-7	0.038	0.010	0.166	0.000	0.000	0.000	0.003	0.000	0.000	0.217
8-14	0.006	0.000	0.131	0.000	0.000	0.000	0.000	0.000	0.000	0.137
15-28	0.000	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.032
29-56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.010	0.000	0.447	0.016	0.000	0.000	0.000	0.000	0.000	0.473
HOUSEHOLD	0.035	0.019	0.348	0.000	0.000	0.000	0.003	0.000	0.000	0.406
EMPLOYER	0.070	0.000	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.099
OTHER	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.013
NOT STATED	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0-100	0.000	0.000	0.086	0.016	0.000	0.000	0.000	0.000	0.000	0.102
101-150	0.000	0.006	0.256	0.000	0.000	0.000	0.000	0.000	0.000	0.262
151-200	0.000	0.013	0.153	0.000	0.000	0.000	0.000	0.000	0.000	0.166
201-300	0.058	0.000	0.201	0.000	0.000	0.000	0.000	0.000	0.000	0.259
301-400	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.016
401-600	0.035	0.000	0.051	0.000	0.000	0.000	0.000	0.000	0.000	0.086
601-800	0.003	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.006
801-1000	0.013	0.000	0.058	0.000	0.000	0.000	0.003	0.000	0.000	0.073
OVER 1000	0.006	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.029
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
\$2001-4000	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026
\$4001-6000	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
\$6001-8000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
\$8001-10000	0.013	0.000	0.153	0.016	0.000	0.000	0.000	0.000	0.000	0.182
\$10001-15000	0.000	0.003	0.153	0.000	0.000	0.000	0.003	0.000	0.000	0.160
\$15001-20000	0.019	0.003	0.208	0.000	0.000	0.000	0.000	0.000	0.000	0.230
\$20001-25000	0.016	0.013	0.137	0.000	0.000	0.000	0.000	0.000	0.000	0.166
\$25001-30000	0.032	0.000	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.134
OVER \$30000	0.035	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.080
NOT STATED	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 210	0.000	0.006	0.268	0.000	0.000	0.000	0.000	0.000	0.000	0.275
REGION 214	0.058	0.000	0.141	0.000	0.000	0.000	0.000	0.000	0.000	0.198
REGION 213	0.000	0.013	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.105
REGION 209	0.000	0.000	0.080	0.016	0.000	0.000	0.000	0.000	0.000	0.096
REGION 311	0.035	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.080
REGION 207	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.045
REGION 208	0.000	0.000	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.038
REGION 401	0.006	0.000	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.038
REGION 501	0.003	0.000	0.026	0.000	0.000	0.000	0.003	0.000	0.000	0.032
REGION 212	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026
REGION 211	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.013
REGION 405	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.013
REGION 206	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 216	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 603	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 203	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
REGION 215	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
REGION 407	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
REGION 509	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
REGION 701	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
OTHER REGIONS	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
TOTAL	0.115	0.019	0.847	0.016	0.000	0.000	0.003	0.000	0.000	1.000

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NEW SOUTH WALES  
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 TRIPS IN SAMPLE ... 6031

## PERFORMANCE SUMMARY

FORMS MAILED .....	7523
NOT DELIVERED .....	233
NET DISTRIBUTION .....	7290
TOTAL RETURNS .....	3081
UNUSABLE RETURNS .....	76
NET RETURNS .....	3005
RESPONSE RATE .....	0.41

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	6031
EFFECTIVE H'HOLDS .....	2937
GENERATION RATE .....	1.686
RELATIVE ERROR .....	0.060

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.128 0.066	0.442 0.028		0.267 0.040	0.073 0.085	0.022 0.144		0.024 0.146	0.045 0.115	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.131	0.092	0.075	0.064	0.057	0.052	0.048	0.045	0.042	0.039	0.026	0.020	0.016	0.013	0.011	0.009

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.000	0.001	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.661	0.510	
\$2001-4000	0.013	0.011	0.001	0.004	0.001	0.000	0.001	0.000	0.000	0.000	0.031	0.726	0.155	
\$4001-6000	0.003	0.031	0.012	0.003	0.001	0.000	0.000	0.000	0.018	0.000	0.000	0.069	1.219	0.139
\$6001-8000	0.005	0.025	0.009	0.018	0.010	0.011	0.001	0.000	0.001	0.000	0.080	1.906	0.108	
\$8001-10000	0.012	0.017	0.020	0.026	0.018	0.002	0.003	0.004	0.000	0.000	0.103	2.054	0.101	
\$10001-15000	0.019	0.064	0.041	0.081	0.028	0.021	0.003	0.004	0.001	0.000	0.001	0.262	2.396	0.081
\$15001-20000	0.001	0.036	0.040	0.056	0.028	0.022	0.008	0.003	0.002	0.000	0.000	0.196	2.537	0.087
\$20001-25000	0.002	0.023	0.015	0.033	0.025	0.005	0.002	0.000	0.000	0.000	0.005	0.105	2.926	0.109
\$25001-30000	0.000	0.002	0.009	0.008	0.017	0.004	0.000	0.001	0.000	0.000	0.001	0.042	2.559	0.196
OVER \$30000	0.001	0.010	0.008	0.008	0.016	0.005	0.002	0.000	0.000	0.000	0.052	3.112	0.184	
NOT STATED	0.004	0.014	0.004	0.016	0.010	0.000	0.002	0.000	0.001	0.000	0.052	1.407	0.146	
TOTAL	0.062	0.234	0.161	0.259	0.154	0.072	0.023	0.011	0.022	0.000	0.002	1.000		
AVE TRIPS/H'HOLD	0.621	1.380	1.991	2.724	3.472	3.066	4.333	2.963	7.000	2.000	1.158			
RELATIVE ERROR	0.123	0.064	0.075	0.068	0.111	0.146	0.324	0.219	0.503	0.000*	0.529			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.011	0.032	0.000	0.000	0.000	0.000	0.000	0.044
OTHER BUSINESS	0.025	0.000	0.117	0.004	0.000	0.000	0.010	0.000	0.001	0.158
VISITING FRIENDS	0.006	0.002	0.252	0.001	0.003	0.000	0.019	0.000	0.006	0.290
RECREATION	0.002	0.014	0.136	0.000	0.002	0.000	0.006	0.000	0.002	0.162
HOLIDAY	0.006	0.009	0.129	0.000	0.000	0.001	0.005	0.001	0.001	0.152
PERSONAL AFFAIRS	0.006	0.002	0.103	0.001	0.000	0.000	0.028	0.000	0.000	0.141
OTHER	0.001	0.002	0.041	0.001	0.000	0.000	0.003	0.000	0.001	0.048
NOT STATED	0.000	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.005
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.029	0.020	0.187	0.032	0.003	0.000	0.034	0.000	0.004	0.309
2 PERSONS	0.008	0.005	0.185	0.004	0.002	0.001	0.016	0.000	0.000	0.223
3 PERSONS	0.003	0.003	0.123	0.003	0.000	0.000	0.002	0.001	0.002	0.137
4 PERSONS	0.006	0.003	0.150	0.000	0.000	0.000	0.003	0.000	0.001	0.162
5 PERSONS	0.000	0.001	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.103
6 PERSONS	0.000	0.000	0.041	0.000	0.000	0.000	0.000	0.000	0.004	0.045
7 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
8 PERSONS	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.016
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.043	0.037	0.058	0.010	0.002	0.000	0.000	0.150
FRIENDS HOME	-	0.060	0.102	0.101	0.033	0.009	0.001	0.000	0.307
CARAVAN/TENT	-	0.010	0.020	0.029	0.011	0.003	0.000	0.000	0.074
OTHER	-	0.016	0.015	0.025	0.014	0.001	0.000	0.001	0.072
NOT STATED	0.381	0.001	0.002	0.001	0.001	0.001	0.001	0.007	0.396
TOTAL	0.381	0.130	0.176	0.214	0.069	0.018	0.002	0.001	0.009

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.006	0.010	0.266	0.023	0.001	0.000	0.017	0.000	0.008	0.331
1	0.005	0.001	0.103	0.010	0.003	0.000	0.008	0.000	0.000	0.130
2	0.005	0.006	0.144	0.003	0.001	0.000	0.009	0.000	0.000	0.169
3-7	0.023	0.008	0.173	0.002	0.000	0.000	0.012	0.001	0.002	0.220
8-14	0.003	0.002	0.069	0.000	0.000	0.001	0.005	0.001	0.001	0.082
15-28	0.003	0.003	0.027	0.000	0.000	0.000	0.002	0.000	0.000	0.035
29-56	0.000	0.000	0.007	0.000	0.000	0.000	0.017	0.000	0.000	0.024
OVER 56	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.001
NOT STATED	0.000	0.003	0.003	0.002	0.000	0.000	0.000	0.000	0.001	0.009
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.000	0.002	0.448	0.015	0.003	0.000	0.004	0.001	0.008	0.481
HOUSEHOLD	0.021	0.027	0.255	0.001	0.002	0.001	0.043	0.000	0.002	0.351
EMPLOYER	0.023	0.002	0.043	0.023	0.000	0.000	0.002	0.000	0.000	0.092
OTHER	0.002	0.001	0.009	0.000	0.000	0.000	0.006	0.000	0.000	0.017
NOT STATED	0.001	0.002	0.037	0.001	0.000	0.000	0.018	0.000	0.001	0.059
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.001	0.001	0.018	0.000	0.001	0.000	0.020	0.000	0.001	0.041
0-100	0.000	0.007	0.261	0.008	0.001	0.000	0.019	0.000	0.007	0.303
101-150	0.001	0.006	0.171	0.012	0.001	0.000	0.013	0.000	0.002	0.206
151-200	0.000	0.001	0.065	0.002	0.000	0.000	0.001	0.000	0.001	0.071
201-300	0.003	0.004	0.103	0.008	0.001	0.000	0.005	0.000	0.000	0.125
301-400	0.003	0.008	0.061	0.006	0.000	0.000	0.003	0.000	0.000	0.082
401-600	0.008	0.001	0.040	0.000	0.000	0.000	0.004	0.001	0.000	0.054
601-800	0.020	0.001	0.039	0.001	0.000	0.000	0.002	0.000	0.001	0.063
801-1000	0.001	0.000	0.013	0.000	0.002	0.000	0.002	0.000	0.001	0.019
OVER 1000	0.009	0.003	0.022	0.000	0.000	0.001	0.002	0.000	0.000	0.037
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.001	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.008
\$2001-4000	0.000	0.003	0.018	0.003	0.000	0.000	0.007	0.000	0.001	0.031
\$4001-6000	0.001	0.003	0.054	0.002	0.000	0.000	0.009	0.000	0.000	0.069
\$6001-8000	0.002	0.002	0.071	0.001	0.000	0.000	0.005	0.000	0.000	0.080
\$8001-10000	0.002	0.003	0.079	0.014	0.000	0.000	0.003	0.000	0.002	0.103
\$10001-15000	0.004	0.008	0.211	0.004	0.002	0.001	0.030	0.001	0.002	0.262
\$15001-20000	0.012	0.004	0.166	0.004	0.001	0.000	0.010	0.000	0.000	0.196
\$20001-25000	0.009	0.003	0.084	0.001	0.002	0.000	0.002	0.000	0.004	0.105
\$25001-30000	0.006	0.000	0.032	0.001	0.000	0.000	0.004	0.000	0.000	0.042
OVER \$30000	0.010	0.002	0.031	0.006	0.000	0.000	0.002	0.000	0.000	0.052
NOT STATED	0.001	0.004	0.041	0.004	0.000	0.000	0.001	0.000	0.002	0.052
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 214	0.007	0.009	0.179	0.013	0.001	0.000	0.046	0.000	0.001	0.255
REGION 213	0.000	0.001	0.067	0.000	0.000	0.000	0.001	0.000	0.001	0.070
REGION 211	0.002	0.000	0.062	0.002	0.000	0.000	0.003	0.000	0.000	0.069
REGION 212	0.000	0.004	0.054	0.001	0.000	0.000	0.004	0.000	0.002	0.064
REGION 208	0.000	0.000	0.055	0.000	0.001	0.000	0.003	0.000	0.000	0.060
REGION 202	0.001	0.000	0.033	0.006	0.000	0.000	0.001	0.001	0.004	0.045
REGION 203	0.000	0.000	0.039	0.001	0.001	0.000	0.000	0.000	0.000	0.043
REGION 210	0.000	0.008	0.031	0.001	0.000	0.000	0.000	0.000	0.000	0.041
REGION 101	0.002	0.002	0.028	0.005	0.000	0.000	0.002	0.000	0.001	0.039
REGION 311	0.011	0.000	0.021	0.003	0.000	0.000	0.001	0.000	0.000	0.036
REGION 209	0.000	0.001	0.031	0.001	0.000	0.000	0.001	0.000	0.000	0.035
REGION 401	0.008	0.001	0.021	0.003	0.000	0.000	0.000	0.000	0.000	0.033
REGION 207	0.002	0.001	0.027	0.000	0.000	0.000	0.001	0.000	0.000	0.032
REGION 216	0.000	0.000	0.021	0.001	0.000	0.000	0.002	0.000	0.000	0.024
REGION 215	0.001	0.000	0.021	0.001	0.000	0.000	0.000	0.000	0.000	0.023
REGION 201	0.000	0.000	0.018	0.000	0.000	0.000	0.002	0.000	0.001	0.020
REGION 402	0.001	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 206	0.001	0.001	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.010
REGION 501	0.002	0.000	0.007	0.000	0.000	0.000	0.001	0.000	0.000	0.010
REGION 205	0.000	0.000	0.005	0.000	0.002	0.000	0.001	0.000	0.000	0.008
OTHER REGIONS	0.011	0.003	0.046	0.001	0.000	0.001	0.003	0.000	0.001	0.066
TOTAL	0.046	0.032	0.792	0.039	0.005	0.001	0.071	0.001	0.011	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	5916
NOT DELIVERED .....	186
NET DISTRIBUTION .....	5730
TOTAL RETURNS .....	2908
UNUSABLE RETURNS .....	46
NET RETURNS .....	2862
RESPONSE RATE .....	0.50

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	5553
EFFECTIVE H'HOLDS .....	2799
GENERATION RATE .....	1.716
RELATIVE ERROR .....	0.061

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.114	0.449	0.276	0.074	0.029	0.020	0.039	1.000		
0.066	0.026	0.038	0.081	0.127	0.149	0.116			

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION RELATIVE ERROR	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
	0.135	0.095	0.077	0.066	0.059	0.054	0.049	0.046	0.043	0.041	0.027	0.021	0.017	0.014	0.011	0.009

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.003	0.008	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.923	0.353	
\$2001-4000	0.013	0.020	0.002	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.038	0.828	0.198	
\$4001-6000	0.003	0.014	0.013	0.005	0.003	0.000	0.000	0.000	0.000	0.000	0.037	1.038	0.183	
\$6001-8000	0.005	0.020	0.013	0.024	0.006	0.013	0.000	0.000	0.000	0.001	0.082	1.806	0.137	
\$8001-10000	0.013	0.028	0.015	0.027	0.011	0.010	0.000	0.000	0.001	0.000	0.105	1.666	0.096	
\$10001-15000	0.012	0.028	0.043	0.083	0.049	0.099	0.000	0.006	0.000	0.000	0.232	2.221	0.069	
\$15001-20000	0.011	0.039	0.033	0.061	0.025	0.010	0.003	0.002	0.000	0.002	0.186	2.643	0.104	
\$20001-25000	0.001	0.017	0.010	0.038	0.024	0.006	0.002	0.008	0.000	0.002	0.108	2.947	0.116	
\$25001-30000	0.001	0.014	0.004	0.020	0.006	0.003	0.000	0.006	0.000	0.000	0.054	2.988	0.132	
OVER \$30000	0.000	0.010	0.007	0.015	0.012	0.012	0.009	0.006	0.000	0.000	0.073	4.697	0.142	
NOT STATED	0.003	0.009	0.014	0.035	0.008	0.001	0.002	0.000	0.001	0.000	0.074	1.477	0.165	
TOTAL	0.065	0.208	0.155	0.312	0.143	0.064	0.017	0.029	0.003	0.002	0.003	1.000		
AVE TRIPS/H'HOLD	0.796	1.379	1.848	2.835	3.273	3.284	4.000	5.300	2.273	6.000	0.727			
RELATIVE ERROR	0.117	0.073	0.103	0.073	0.089	0.142	0.355	0.317	0.531	0.000*	0.389			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.001	0.004	0.011	0.000	0.000	0.001	0.000	0.001	0.018
OTHER BUSINESS	0.013	0.002	0.085	0.003	0.000	0.000	0.004	0.000	0.001	0.108
VISITING FRIENDS	0.014	0.001	0.282	0.000	0.000	0.000	0.008	0.000	0.002	0.309
RECREATION	0.004	0.008	0.214	0.001	0.001	0.000	0.008	0.000	0.002	0.237
HOLIDAY	0.012	0.004	0.129	0.000	0.000	0.000	0.003	0.002	0.000	0.150
PERSONAL AFFAIRS	0.006	0.000	0.116	0.002	0.000	0.000	0.001	0.000	0.001	0.125
OTHER	0.003	0.001	0.034	0.000	0.000	0.000	0.001	0.000	0.000	0.039
NOT STATED	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.001	0.013
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.025	0.011	0.193	0.014	0.001	0.000	0.020	0.001	0.005	0.269
2 PERSONS	0.019	0.003	0.202	0.003	0.000	0.000	0.004	0.000	0.003	0.234
3 PERSONS	0.004	0.002	0.131	0.000	0.000	0.000	0.001	0.000	0.000	0.140
4 PERSONS	0.003	0.000	0.216	0.002	0.000	0.000	0.000	0.000	0.000	0.222
5 PERSONS	0.001	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000	0.075
6 PERSONS	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.040
7 PERSONS	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
8 PERSONS	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.016
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.001
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL	
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.044	0.031	0.048	0.011	0.003	0.001	0.000	0.002	0.141
FRIENDS HOME	-	0.090	0.091	0.104	0.020	0.008	0.001	0.000	0.004	0.318
CARAVAN/TENT	-	0.007	0.027	0.026	0.006	0.004	0.001	0.001	0.000	0.072
OTHER	-	0.012	0.031	0.029	0.009	0.001	0.001	0.001	0.000	0.084
NOT STATED	0.374	0.002	0.003	0.001	0.000	0.000	0.000	0.002	0.004	0.386
TOTAL	0.374	0.155	0.183	0.208	0.046	0.016	0.004	0.004	0.010	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.006	0.006	0.330	0.010	0.001	0.000	0.007	0.000	0.004	0.365
1	0.003	0.000	0.133	0.003	0.000	0.000	0.003	0.000	0.002	0.145
2	0.003	0.001	0.171	0.002	0.000	0.000	0.002	0.000	0.001	0.180
3-7	0.022	0.006	0.161	0.003	0.000	0.000	0.007	0.000	0.001	0.199
8-14	0.011	0.002	0.044	0.000	0.000	0.000	0.005	0.001	0.000	0.064
15-28	0.007	0.001	0.018	0.000	0.000	0.000	0.001	0.000	0.000	0.026
29-56	0.001	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.007
OVER 56	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.005
NOT STATED	0.001	0.000	0.007	0.000	0.000	0.000	0.001	0.000	0.000	0.010
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.003	0.001	0.575	0.008	0.001	0.000	0.002	0.001	0.005	0.596
HOUSEHOLD	0.029	0.013	0.210	0.001	0.000	0.000	0.011	0.000	0.001	0.265
EMPLOYER	0.015	0.002	0.032	0.009	0.000	0.000	0.000	0.000	0.002	0.060
OTHER	0.004	0.001	0.005	0.000	0.000	0.000	0.002	0.000	0.000	0.011
NOT STATED	0.002	0.000	0.054	0.000	0.000	0.000	0.010	0.000	0.001	0.068
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
0-100	0.001	0.004	0.241	0.005	0.000	0.000	0.006	0.000	0.003	0.261
101-150	0.000	0.003	0.257	0.003	0.000	0.000	0.003	0.000	0.003	0.269
151-200	0.000	0.002	0.105	0.004	0.000	0.000	0.003	0.000	0.001	0.116
201-300	0.000	0.003	0.113	0.001	0.000	0.000	0.002	0.000	0.000	0.039
301-400	0.002	0.001	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.049
401-600	0.006	0.000	0.039	0.001	0.000	0.000	0.002	0.000	0.000	0.064
601-800	0.020	0.001	0.032	0.003	0.000	0.000	0.000	0.000	0.000	0.009
801-1000	0.001	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.068
OVER 1000	0.022	0.001	0.042	0.001	0.000	0.000	0.001	0.000	0.000	0.000
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.000	0.009	0.000	0.000	0.000	0.002	0.000	0.000	0.011
\$2001-4000	0.002	0.003	0.022	0.000	0.000	0.000	0.010	0.000	0.000	0.038
\$4001-6000	0.000	0.001	0.032	0.003	0.000	0.000	0.001	0.000	0.000	0.037
\$6001-8000	0.002	0.000	0.075	0.001	0.000	0.000	0.001	0.001	0.002	0.082
\$8001-10000	0.002	0.002	0.095	0.003	0.000	0.000	0.002	0.000	0.001	0.105
\$10001-15000	0.011	0.001	0.210	0.005	0.000	0.000	0.004	0.000	0.001	0.232
\$15001-20000	0.011	0.005	0.165	0.000	0.000	0.000	0.002	0.000	0.002	0.186
\$20001-25000	0.003	0.002	0.096	0.005	0.000	0.000	0.000	0.000	0.001	0.108
\$25001-30000	0.007	0.000	0.044	0.000	0.000	0.000	0.000	0.000	0.001	0.054
OVER \$30000	0.007	0.000	0.064	0.001	0.001	0.000	0.001	0.000	0.000	0.073
NOT STATED	0.007	0.001	0.064	0.000	0.000	0.000	0.001	0.001	0.000	0.074
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 311	0.001	0.005	0.225	0.004	0.000	0.000	0.009	0.001	0.001	0.245
REGION 307	0.000	0.002	0.096	0.000	0.000	0.000	0.001	0.000	0.001	0.101
REGION 306	0.000	0.001	0.089	0.000	0.000	0.000	0.000	0.000	0.002	0.093
REGION 310	0.000	0.001	0.067	0.001	0.000	0.000	0.001	0.000	0.000	0.070
REGION 301	0.001	0.000	0.067	0.001	0.000	0.000	0.000	0.000	0.000	0.070
REGION 303	0.000	0.001	0.045	0.003	0.000	0.000	0.001	0.000	0.001	0.050
REGION 308	0.000	0.001	0.043	0.002	0.000	0.000	0.001	0.000	0.001	0.047
REGION 309	0.000	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.002	0.038
REGION 214	0.014	0.000	0.011	0.002	0.000	0.000	0.006	0.001	0.000	0.034
REGION 302	0.001	0.002	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.033
REGION 305	0.000	0.000	0.022	0.000	0.000	0.000	0.002	0.000	0.000	0.025
REGION 304	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.022
REGION 501	0.006	0.001	0.013	0.000	0.000	0.000	0.001	0.000	0.000	0.021
REGION 402	0.007	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 401	0.002	0.000	0.009	0.000	0.000	0.000	0.001	0.000	0.000	0.013
REGION 206	0.000	0.000	0.011	0.001	0.000	0.000	0.000	0.000	0.000	0.012
REGION 210	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 205	0.000	0.000	0.008	0.001	0.000	0.000	0.000	0.000	0.000	0.009
REGION 207	0.000	0.000	0.006	0.001	0.000	0.000	0.000	0.000	0.000	0.007
REGION 701	0.004	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.007
OTHER REGIONS	0.015	0.002	0.053	0.002	0.000	0.000	0.001	0.000	0.001	0.075
TOTAL	0.052	0.017	0.876	0.018	0.001	0.000	0.026	0.002	0.008	1.000

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## PERFORMANCE SUMMARY

FORMS MAILED .....	4598
NOT DELIVERED .....	157
NET DISTRIBUTION .....	4441
TOTAL RETURNS .....	1985
UNUSABLE RETURNS .....	46
NET RETURNS .....	1939
RESPONSE RATE .....	0.44

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	3261
EFFECTIVE H'HOLDS .....	1893
GENERATION RATE .....	1.559
RELATIVE ERROR .....	0.084

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
	0.109 0.083	0.411 0.034								
			0.284 0.044		0.094 0.087		0.029 0.158	0.028 0.149	0.045 0.135	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION RELATIVE ERROR	0.010 0.179	0.020 0.126	0.030 0.102	0.040 0.088	0.050 0.078	0.060 0.071	0.070 0.066	0.080 0.061	0.090 0.057	0.100 0.054	0.200 0.036	0.300 0.027	0.400 0.022	0.500 0.018	0.600 0.015	0.700 0.012
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TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE										NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9	OVER 9				
\$0-2000	0.001	0.002	0.001	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.008	1.257	0.375	
\$2001-4000	0.011	0.010	0.006	0.001	0.000	0.004	0.000	0.000	0.000	0.000	0.033	0.600	0.292	
\$4001-6000	0.007	0.028	0.003	0.009	0.000	0.000	0.000	0.003	0.000	0.000	0.050	0.903	0.163	
\$6001-8000	0.005	0.021	0.020	0.017	0.012	0.000	0.000	0.001	0.000	0.000	0.077	1.286	0.171	
\$8001-10000	0.005	0.018	0.029	0.055	0.014	0.010	0.001	0.005	0.000	0.000	0.139	1.730	0.132	
\$10001-15000	0.015	0.043	0.045	0.080	0.035	0.012	0.013	0.006	0.000	0.000	0.249	1.892	0.093	
\$15001-20000	0.006	0.041	0.020	0.049	0.041	0.011	0.007	0.001	0.001	0.000	0.178	2.069	0.096	
\$20001-25000	0.001	0.011	0.010	0.016	0.028	0.006	0.000	0.001	0.007	0.000	0.080	2.114	0.210	
\$25001-30000	0.000	0.015	0.002	0.010	0.006	0.005	0.000	0.007	0.000	0.000	0.043	2.640	0.167	
OVER \$30000	0.000	0.008	0.006	0.022	0.012	0.007	0.027	0.001	0.001	0.000	0.087	3.508	0.238	
NOT STATED	0.001	0.005	0.003	0.019	0.012	0.008	0.000	0.000	0.006	0.000	0.055	1.111	0.234	
TOTAL	0.051	0.202	0.147	0.280	0.162	0.065	0.049	0.025	0.016	0.000	0.004	1.000		
AVE TRIPS/H'HOLD	0.579	1.051	1.494	2.246	2.537	2.807	4.310	3.000	5.714	1.000	0.286			
RELATIVE ERROR	0.153	0.081	0.095	0.097	0.135	0.207	0.362	0.189	0.443	0.000*	0.565			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
DELIVER FREIGHT	0.000	0.000	0.005	0.015	0.000	0.000	0.000	0.000	0.020
OTHER BUSINESS	0.027	0.000	0.093	0.009	0.000	0.000	0.000	0.000	0.130
VISITING FRIENDS	0.022	0.008	0.235	0.002	0.001	0.000	0.006	0.001	0.002
RECREATION	0.005	0.020	0.180	0.009	0.000	0.000	0.001	0.001	0.216
HOLIDAY	0.008	0.005	0.133	0.004	0.001	0.000	0.001	0.000	0.152
PERSONAL AFFAIRS	0.012	0.001	0.116	0.004	0.000	0.000	0.006	0.000	0.139
OTHER	0.006	0.004	0.042	0.001	0.000	0.000	0.000	0.001	0.056
NOT STATED	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.009
TOTAL	0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008
									1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
1 PERSON	0.051	0.017	0.185	0.020	0.000	0.000	0.006	0.001	0.285
2 PERSONS	0.013	0.011	0.222	0.005	0.002	0.000	0.002	0.001	0.255
3 PERSONS	0.011	0.000	0.097	0.000	0.000	0.000	0.002	0.000	0.110
4 PERSONS	0.004	0.000	0.181	0.017	0.000	0.000	0.003	0.000	0.207
5 PERSONS	0.000	0.004	0.073	0.000	0.000	0.000	0.002	0.000	0.079
6 PERSONS	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.001	0.023
7 PERSONS	0.000	0.005	0.027	0.000	0.000	0.000	0.000	0.000	0.032
8 PERSONS	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.005
9 PERSONS	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.002
OVER 9 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.002
TOTAL	0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008
									1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.041	0.035	0.043	0.007	0.003	0.001	0.000	0.131
FRIENDS HOME	-	0.065	0.087	0.108	0.029	0.014	0.001	0.000	0.306
CARAVAN/TENT	-	0.019	0.019	0.027	0.018	0.002	0.001	0.000	0.089
OTHER	-	0.016	0.037	0.014	0.039	0.006	0.000	0.001	0.113
NOT STATED	0.345	0.001	0.003	0.005	0.000	0.001	0.000	0.005	0.361
TOTAL	0.345	0.143	0.181	0.196	0.093	0.026	0.004	0.001	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
		AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
0		0.009	0.018	0.294	0.014	0.000	0.000	0.001	0.001	0.340
1		0.008	0.000	0.109	0.010	0.000	0.000	0.001	0.000	0.128
2		0.011	0.001	0.149	0.007	0.001	0.000	0.001	0.001	0.172
3-7		0.029	0.008	0.139	0.007	0.000	0.000	0.009	0.000	0.194
8-14		0.013	0.007	0.077	0.004	0.001	0.000	0.002	0.000	0.104
15-28		0.007	0.003	0.082	0.000	0.000	0.000	0.001	0.000	0.044
29-56		0.001	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.007
OVER 56		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NOT STATED		0.002	0.000	0.008	0.000	0.000	0.000	0.000	0.001	0.011
TOTAL		0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008
										1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
		AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
NO FARES		0.004	0.002	0.487	0.018	0.000	0.000	0.001	0.000	0.517
HOUSEHOLD		0.047	0.030	0.233	0.009	0.000	0.000	0.012	0.001	0.334
EMPLOYER		0.022	0.000	0.048	0.015	0.000	0.000	0.000	0.001	0.087
OTHER		0.005	0.001	0.019	0.000	0.002	0.000	0.002	0.000	0.028
NOT STATED		0.001	0.005	0.027	0.000	0.000	0.000	0.000	0.001	0.034
TOTAL		0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008
										1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
		AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
INTRA-LGA		0.003	0.000	0.017	0.004	0.000	0.000	0.000	0.001	0.000
0-100		0.002	0.002	0.321	0.019	0.001	0.000	0.000	0.000	0.346
101-150		0.000	0.016	0.183	0.004	0.000	0.000	0.000	0.002	0.207
151-200		0.001	0.003	0.081	0.003	0.001	0.000	0.001	0.000	0.091
201-300		0.005	0.003	0.051	0.001	0.001	0.000	0.000	0.000	0.060
301-400		0.002	0.000	0.046	0.001	0.000	0.000	0.002	0.000	0.045
401-600		0.006	0.003	0.028	0.002	0.000	0.000	0.007	0.000	0.045
601-800		0.030	0.001	0.023	0.003	0.000	0.000	0.003	0.000	0.061
801-1000		0.005	0.001	0.010	0.001	0.000	0.000	0.001	0.000	0.017
OVER 1000		0.025	0.008	0.054	0.007	0.000	0.000	0.002	0.001	0.096
TOTAL		0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008
										1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.001	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
\$2001-4000	0.003	0.002	0.022	0.000	0.000	0.000	0.004	0.000	0.002	0.033
\$4001-6000	0.000	0.007	0.041	0.001	0.000	0.000	0.001	0.000	0.000	0.050
\$6001-8000	0.004	0.003	0.066	0.003	0.000	0.000	0.000	0.000	0.000	0.077
\$8001-10000	0.007	0.004	0.116	0.009	0.000	0.000	0.003	0.000	0.000	0.139
\$10001-15000	0.016	0.012	0.201	0.016	0.000	0.000	0.002	0.000	0.002	0.249
\$15001-20000	0.011	0.006	0.152	0.006	0.000	0.000	0.000	0.001	0.002	0.178
\$20001-25000	0.010	0.000	0.065	0.004	0.000	0.000	0.000	0.000	0.001	0.080
\$25001-30000	0.009	0.001	0.030	0.001	0.000	0.000	0.002	0.000	0.000	0.043
OVER \$30000	0.017	0.002	0.065	0.000	0.002	0.000	0.002	0.000	0.000	0.087
NOT STATED	0.001	0.001	0.049	0.003	0.000	0.000	0.000	0.001	0.000	0.055
TOTAL	0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 402	0.001	0.001	0.130	0.002	0.000	0.000	0.000	0.000	0.000	0.135
REGION 401	0.009	0.005	0.093	0.001	0.000	0.000	0.005	0.000	0.000	0.114
REGION 403	0.001	0.001	0.093	0.004	0.000	0.000	0.000	0.001	0.000	0.100
REGION 404	0.001	0.002	0.092	0.004	0.000	0.000	0.001	0.000	0.001	0.100
REGION 407	0.004	0.001	0.071	0.005	0.001	0.000	0.001	0.002	0.000	0.084
REGION 412	0.003	0.011	0.057	0.002	0.000	0.000	0.000	0.000	0.001	0.074
REGION 408	0.006	0.003	0.045	0.009	0.001	0.000	0.001	0.000	0.000	0.066
REGION 201	0.000	0.004	0.057	0.000	0.000	0.000	0.000	0.000	0.000	0.061
REGION 214	0.028	0.001	0.017	0.002	0.000	0.000	0.002	0.000	0.001	0.050
REGION 405	0.003	0.000	0.035	0.002	0.000	0.000	0.004	0.000	0.000	0.044
REGION 410	0.001	0.000	0.027	0.001	0.000	0.000	0.000	0.000	0.000	0.029
REGION 411	0.000	0.000	0.022	0.001	0.000	0.000	0.000	0.000	0.000	0.023
REGION 406	0.000	0.000	0.017	0.002	0.000	0.000	0.000	0.000	0.002	0.023
REGION 409	0.002	0.000	0.013	0.004	0.000	0.000	0.001	0.000	0.001	0.020
REGION 202	0.000	0.004	0.013	0.002	0.000	0.000	0.000	0.000	0.000	0.019
REGION 311	0.009	0.000	0.007	0.001	0.000	0.000	0.000	0.000	0.000	0.018
REGION 211	0.003	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.005
REGION 308	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 216	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 101	0.002	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003
OTHER REGIONS	0.004	0.004	0.015	0.001	0.000	0.000	0.000	0.000	0.000	0.024
TOTAL	0.079	0.038	0.814	0.043	0.002	0.000	0.015	0.003	0.008	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	3362
NOT DELIVERED .....	181
NET DISTRIBUTION ....	3181
TOTAL RETURNS .....	1597
UNUSABLE RETURNS ...	49
NET RETURNS .....	1548
RESPONSE RATE .....	0.49

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	2844
EFFECTIVE H'HOLDS ....	1511
GENERATION RATE .....	1.387
RELATIVE ERROR .....	0.113

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

PROPORTION RELATIVE ERROR	VEHICLES AVAILABLE							NOT STATED	TOTAL
	0	1	2	3	4	OVER 4			
0.090	0.442	0.306	0.085	0.028	0.024	0.024	0.024	1.000	
0.126	0.044	0.059	0.128	0.227	0.237	0.234			

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.197	0.138	0.112	0.097	0.086	0.078	0.072	0.067	0.063	0.059	0.040	0.030	0.024	0.020	0.016	0.013

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.647	0.373
\$2001-4000	0.009	0.006	0.002	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.539	0.197
\$4001-6000	0.002	0.022	0.010	0.015	0.002	0.001	0.000	0.000	0.000	0.000	0.058	0.960	0.170
\$6001-8000	0.003	0.017	0.004	0.028	0.031	0.001	0.003	0.000	0.000	0.000	0.088	1.601	0.148
\$8001-10000	0.007	0.022	0.035	0.037	0.010	0.005	0.002	0.000	0.000	0.000	0.120	1.824	0.133
\$10001-15000	0.006	0.065	0.038	0.081	0.030	0.029	0.001	0.001	0.000	0.000	0.246	2.210	0.112
\$15001-20000	0.005	0.035	0.054	0.045	0.018	0.023	0.000	0.001	0.000	0.000	0.205	2.390	0.124
\$20001-25000	0.008	0.024	0.030	0.042	0.009	0.000	0.000	0.000	0.000	0.000	0.113	2.181	0.240
\$25001-30000	0.000	0.008	0.004	0.022	0.007	0.001	0.000	0.003	0.000	0.000	0.044	2.417	0.290
OVER \$30000	0.003	0.009	0.007	0.002	0.009	0.008	0.001	0.000	0.000	0.000	0.048	3.966	0.208
NOT STATED	0.001	0.038	0.014	0.001	0.000	0.003	0.000	0.000	0.000	0.000	0.057	1.085	0.225
TOTAL	0.044	0.248	0.194	0.286	0.109	0.072	0.013	0.008	0.000	0.000	0.026	1.000	
AVE TRIPS/H'HOLD	0.792	1.058	1.790	2.320	2.945	4.289	3.071	3.214	1.000*	0.000*	1.867		
RELATIVE ERROR	0.197	0.075	0.117	0.102	0.167	0.217	0.497	0.428	0.000*	0.000*	0.616		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.022	0.015	0.000	0.000	0.000	0.000	0.000	0.037
OTHER BUSINESS	0.032	0.002	0.118	0.004	0.000	0.000	0.001	0.003	0.002	0.162
VISITING FRIENDS	0.015	0.006	0.277	0.000	0.000	0.000	0.001	0.000	0.000	0.300
RECREATION	0.002	0.009	0.157	0.000	0.000	0.000	0.002	0.001	0.000	0.171
HOLIDAY	0.005	0.002	0.156	0.000	0.000	0.001	0.001	0.000	0.000	0.165
PERSONAL AFFAIRS	0.008	0.003	0.077	0.002	0.000	0.000	0.002	0.002	0.002	0.095
OTHER	0.005	0.001	0.056	0.000	0.000	0.000	0.000	0.001	0.000	0.062
NOT STATED	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.007	0.010
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.043	0.019	0.205	0.015	0.000	0.000	0.004	0.005	0.004	0.296
2 PERSONS	0.018	0.001	0.221	0.003	0.000	0.000	0.000	0.000	0.000	0.243
3 PERSONS	0.005	0.000	0.168	0.000	0.000	0.000	0.001	0.000	0.000	0.176
4 PERSONS	0.000	0.001	0.136	0.002	0.000	0.000	0.000	0.001	0.006	0.148
5 PERSONS	0.000	0.000	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.099
6 PERSONS	0.000	0.000	0.035	0.000	0.000	0.000	0.001	0.000	0.000	0.036
7 PERSONS	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)								TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	
HOTEL/MOTEL	-	0.023	0.028	0.064	0.010	0.006	0.000	0.000	0.131
FRIENDS HOME	-	0.048	0.114	0.128	0.027	0.016	0.005	0.000	0.338
CARAVAN/TENT	-	0.021	0.036	0.039	0.009	0.005	0.000	0.000	0.110
OTHER	-	0.017	0.034	0.015	0.007	0.005	0.003	0.000	0.083
NOT STATED	0.328	0.000	0.000	0.000	0.008	0.000	0.000	0.000	0.338
TOTAL	0.328	0.109	0.212	0.246	0.061	0.031	0.008	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.011	0.007	0.283	0.010	0.000	0.000	0.002	0.003	0.008	0.324
1	0.004	0.002	0.093	0.005	0.000	0.000	0.000	0.002	0.000	0.104
2	0.011	0.002	0.190	0.003	0.000	0.000	0.000	0.001	0.002	0.208
3-7	0.016	0.006	0.182	0.002	0.000	0.000	0.004	0.000	0.000	0.211
8-14	0.008	0.005	0.076	0.000	0.000	0.000	0.000	0.000	0.001	0.089
15-28	0.012	0.001	0.028	0.000	0.000	0.001	0.000	0.000	0.000	0.042
29-56	0.006	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.016
OVER 56	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.001
NOT STATED	0.000	0.000	0.003	0.001	0.000	0.000	0.000	0.000	0.001	0.004
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.005	0.000	0.568	0.010	0.000	0.000	0.000	0.006	0.002	0.591
HOUSEHOLD	0.033	0.018	0.181	0.000	0.000	0.001	0.006	0.000	0.008	0.248
EMPLOYER	0.028	0.002	0.051	0.010	0.000	0.000	0.000	0.000	0.000	0.091
OTHER	0.000	0.002	0.007	0.000	0.000	0.000	0.001	0.000	0.000	0.010
NOT STATED	0.000	0.000	0.058	0.001	0.000	0.000	0.000	0.000	0.001	0.060
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.002
0-100	0.001	0.007	0.268	0.002	0.000	0.000	0.001	0.005	0.000	0.284
101-150	0.002	0.001	0.160	0.003	0.000	0.000	0.000	0.000	0.002	0.168
151-200	0.005	0.001	0.097	0.005	0.000	0.001	0.000	0.001	0.001	0.109
201-300	0.006	0.004	0.112	0.006	0.000	0.000	0.001	0.000	0.002	0.130
301-400	0.002	0.002	0.054	0.004	0.000	0.000	0.002	0.001	0.001	0.065
401-600	0.002	0.004	0.041	0.001	0.000	0.000	0.000	0.000	0.000	0.050
601-800	0.010	0.001	0.068	0.000	0.000	0.000	0.000	0.000	0.006	0.085
801-1000	0.002	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.011
OVER 1000	0.037	0.003	0.055	0.000	0.000	0.000	0.001	0.000	0.000	0.095
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.002
\$2001-4000	0.001	0.004	0.014	0.005	0.000	0.000	0.000	0.000	0.002	0.025
\$4001-6000	0.000	0.004	0.041	0.001	0.000	0.000	0.000	0.000	0.006	0.053
\$6001-8000	0.002	0.002	0.081	0.001	0.000	0.000	0.001	0.000	0.000	0.088
\$8001-10000	0.001	0.001	0.112	0.001	0.000	0.001	0.004	0.000	0.000	0.120
\$10001-15000	0.024	0.005	0.201	0.009	0.000	0.000	0.000	0.003	0.003	0.246
\$15001-20000	0.010	0.003	0.191	0.000	0.000	0.000	0.000	0.001	0.000	0.205
\$20001-25000	0.013	0.002	0.095	0.004	0.000	0.000	0.000	0.000	0.000	0.113
\$25001-30000	0.008	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.044
OVER \$30000	0.007	0.001	0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.048
NOT STATED	0.000	0.001	0.054	0.000	0.000	0.000	0.000	0.002	0.000	0.057
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 501	0.010	0.005	0.121	0.010	0.000	0.000	0.003	0.001	0.001	0.151
REGION 503	0.000	0.002	0.137	0.000	0.000	0.000	0.000	0.000	0.002	0.140
REGION 507	0.000	0.002	0.126	0.000	0.000	0.000	0.001	0.000	0.000	0.128
REGION 506	0.002	0.000	0.084	0.000	0.000	0.001	0.000	0.000	0.000	0.087
REGION 505	0.000	0.002	0.075	0.000	0.000	0.000	0.001	0.003	0.000	0.081
REGION 504	0.001	0.002	0.063	0.000	0.000	0.000	0.000	0.002	0.000	0.068
REGION 311	0.009	0.001	0.040	0.001	0.000	0.000	0.000	0.000	0.006	0.058
REGION 214	0.013	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.044
REGION 508	0.002	0.002	0.029	0.003	0.000	0.000	0.000	0.001	0.002	0.038
REGION 502	0.002	0.002	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.030
REGION 308	0.000	0.000	0.023	0.000	0.000	0.000	0.000	0.000	0.000	0.023
REGION 509	0.000	0.002	0.016	0.002	0.000	0.000	0.000	0.000	0.000	0.020
REGION 305	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	0.000	0.019
REGION 304	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.002	0.000	0.013
REGION 302	0.002	0.000	0.007	0.003	0.000	0.000	0.000	0.000	0.000	0.013
REGION 401	0.001	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 802	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 204	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.008
REGION 101	0.002	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 206	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
OTHER REGIONS	0.017	0.001	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.045
TOTAL	0.066	0.022	0.865	0.021	0.000	0.001	0.007	0.006	0.012	1.000

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WESTERN AUSTRALIA  
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PERFORMANCE SUMMARY

FORMS MAILED .....	1579
NOT DELIVERED .....	169
NET DISTRIBUTION .....	1410
TOTAL RETURNS .....	661
UNUSABLE RETURNS .....	15
NET RETURNS .....	646
RESPONSE RATE .....	0.46

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	1270
EFFECTIVE H'HOLDS .....	640
GENERATION RATE .....	1.425
RELATIVE ERROR .....	0.208

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE

PROPORTION RELATIVE ERROR	0	1	2	3	4	OVER 4	NOT STATED	TOTAL
	0.078 0.190	0.398 0.067	0.315 0.080	0.112 0.156	0.026 0.323	0.039 0.256	0.031 0.314	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.297	0.209	0.170	0.146	0.130	0.118	0.109	0.101	0.095	0.089	0.060	0.046	0.037	0.030	0.024	0.020

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR	
	1	2	3	4	5	6	7	8	9					
\$0-2000	0.003	0.009	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.014	1.100	0.438	
\$2001-4000	0.001	0.008	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.512	0.415	
\$4001-6000	0.003	0.056	0.005	0.012	0.004	0.000	0.000	0.000	0.001	0.000	0.000	0.081	1.327	0.313
\$6001-8000	0.000	0.019	0.013	0.000	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.047	1.548	0.258
\$8001-10000	0.000	0.027	0.016	0.015	0.003	0.004	0.002	0.000	0.000	0.000	0.067	1.500	0.237	
\$10001-15000	0.005	0.105	0.039	0.098	0.026	0.018	0.001	0.003	0.000	0.000	0.296	2.048	0.115	
\$15001-20000	0.000	0.030	0.034	0.040	0.007	0.013	0.021	0.003	0.000	0.000	0.165	1.742	0.149	
\$20001-25000	0.000	0.036	0.025	0.014	0.003	0.040	0.000	0.000	0.000	0.000	0.119	2.321	0.181	
\$25001-30000	0.000	0.009	0.005	0.008	0.008	0.012	0.000	0.002	0.000	0.000	0.045	2.138	0.235	
OVER \$30000	0.000	0.007	0.001	0.060	0.005	0.005	0.000	0.000	0.000	0.000	0.085	3.778	0.313	
NOT STATED	0.018	0.019	0.004	0.026	0.002	0.000	0.000	0.000	0.000	0.000	0.070	1.194	0.249	
TOTAL	0.033	0.326	0.142	0.276	0.072	0.095	0.024	0.009	0.001	0.000	0.022	1.000		
AVE TRIPS/H'HOLD	0.378	1.426	1.673	2.459	2.394	2.788	2.625	4.600	1.000	1.000*	0.545			
RELATIVE ERROR	0.231	0.105	0.146	0.142	0.204	0.209	0.394	0.494	0.000	0.000*	0.715			

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
DELIVER FREIGHT	0.000	0.000	0.005	0.024	0.000	0.000	0.000	0.000	0.029
OTHER BUSINESS	0.024	0.003	0.111	0.007	0.000	0.000	0.000	0.000	0.147
VISITING FRIENDS	0.010	0.004	0.182	0.007	0.000	0.000	0.005	0.000	0.211
RECREATION	0.013	0.000	0.166	0.000	0.000	0.002	0.003	0.001	0.186
HOLIDAY	0.004	0.007	0.178	0.008	0.000	0.000	0.000	0.000	0.198
PERSONAL AFFAIRS	0.010	0.000	0.124	0.003	0.000	0.000	0.008	0.000	0.168
OTHER	0.007	0.003	0.046	0.000	0.000	0.000	0.004	0.000	0.061
NOT STATED	0.000	0.000	0.001	0.001	0.000	0.000	0.000	0.000	0.002
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE							NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN		
1 PERSON	0.047	0.015	0.184	0.035	0.000	0.000	0.013	0.000	0.294
2 PERSONS	0.018	0.000	0.271	0.015	0.000	0.000	0.008	0.001	0.327
3 PERSONS	0.003	0.000	0.090	0.000	0.000	0.000	0.000	0.009	0.103
4 PERSONS	0.002	0.003	0.168	0.000	0.000	0.000	0.000	0.001	0.174
5 PERSONS	0.000	0.000	0.090	0.000	0.000	0.002	0.000	0.000	0.093
6 PERSONS	0.000	0.000	0.008	0.000	0.000	0.000	0.000	0.000	0.008
7 PERSONS	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.002
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.033	0.056	0.102	0.019	0.003	0.000	0.000	0.212
FRIENDS HOME	-	0.065	0.058	0.114	0.038	0.016	0.001	0.000	0.294
CARAVAN/TENT	-	0.005	0.025	0.021	0.026	0.001	0.000	0.000	0.078
OTHER	-	0.007	0.053	0.022	0.020	0.004	0.000	0.002	0.114
NOT STATED	0.287	0.002	0.000	0.002	0.002	0.000	0.006	0.000	0.302
TOTAL	0.287	0.111	0.192	0.261	0.105	0.024	0.007	0.002	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.014	0.000	0.221	0.022	0.000	0.000	0.000	0.000	0.013	0.271
1	0.001	0.000	0.084	0.010	0.000	0.000	0.000	0.001	0.000	0.097
2	0.006	0.007	0.147	0.000	0.000	0.000	0.001	0.001	0.000	0.162
3-7	0.023	0.007	0.213	0.006	0.000	0.002	0.009	0.000	0.000	0.261
8-14	0.007	0.003	0.078	0.004	0.000	0.000	0.004	0.000	0.000	0.095
15-28	0.008	0.000	0.040	0.008	0.000	0.000	0.000	0.000	0.009	0.065
29-56	0.006	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.034
OVER 56	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.003
NOT STATED	0.003	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.002	0.012
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	0.025	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.007	0.006	0.492	0.019	0.000	0.002	0.000	0.001	0.013	0.541
HOUSEHOLD	0.035	0.009	0.195	0.000	0.000	0.000	0.013	0.001	0.002	0.255
EMPLOYER	0.017	0.000	0.056	0.029	0.000	0.000	0.000	0.001	0.001	0.104
OTHER	0.004	0.003	0.007	0.000	0.000	0.000	0.006	0.000	0.009	0.030
NOT STATED	0.005	0.000	0.065	0.001	0.000	0.000	0.000	0.000	0.000	0.071
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	0.025	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.002	0.000	0.017	0.002	0.000	0.000	0.000	0.001	0.000	0.023
0-100	0.000	0.000	0.145	0.000	0.000	0.000	0.000	0.000	0.014	0.159
101-150	0.001	0.000	0.112	0.002	0.000	0.000	0.000	0.000	0.001	0.116
151-200	0.002	0.000	0.118	0.007	0.000	0.000	0.000	0.000	0.000	0.128
201-300	0.002	0.004	0.128	0.022	0.000	0.000	0.004	0.001	0.000	0.160
301-400	0.006	0.010	0.084	0.003	0.000	0.000	0.008	0.000	0.000	0.110
401-600	0.004	0.000	0.070	0.000	0.000	0.000	0.005	0.000	0.000	0.079
601-800	0.001	0.000	0.036	0.000	0.000	0.000	0.000	0.000	0.000	0.038
801-1000	0.000	0.000	0.011	0.008	0.000	0.000	0.000	0.000	0.000	0.019
OVER 1000	0.052	0.003	0.093	0.003	0.000	0.002	0.004	0.000	0.009	0.166
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	0.025	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.003	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.014
\$2001-4000	0.000	0.000	0.006	0.000	0.000	0.000	0.007	0.000	0.000	0.013
\$4001-6000	0.001	0.000	0.079	0.000	0.000	0.000	0.000	0.000	0.000	0.081
\$6001-8000	0.002	0.003	0.036	0.006	0.000	0.000	0.000	0.000	0.000	0.047
\$8001-10000	0.002	0.001	0.055	0.009	0.000	0.000	0.000	0.000	0.000	0.067
\$10001-15000	0.018	0.007	0.241	0.007	0.000	0.002	0.005	0.000	0.015	0.296
\$15001-20000	0.017	0.004	0.138	0.006	0.000	0.000	0.000	0.000	0.000	0.165
\$20001-25000	0.004	0.000	0.111	0.000	0.000	0.000	0.003	0.000	0.000	0.119
\$25001-30000	0.012	0.000	0.029	0.002	0.000	0.000	0.001	0.001	0.000	0.045
OVER \$30000	0.008	0.000	0.057	0.020	0.000	0.000	0.000	0.000	0.000	0.085
NOT STATED	0.006	0.000	0.050	0.000	0.000	0.000	0.003	0.000	0.009	0.070
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	0.025	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 608	0.009	0.008	0.230	0.024	0.000	0.000	0.003	0.001	0.012	0.289
REGION 607	0.001	0.003	0.105	0.003	0.000	0.000	0.000	0.000	0.001	0.114
REGION 604	0.000	0.000	0.111	0.001	0.000	0.000	0.000	0.000	0.000	0.113
REGION 602	0.000	0.000	0.098	0.000	0.000	0.000	0.003	0.000	0.000	0.102
REGION 601	0.000	0.003	0.081	0.006	0.000	0.000	0.006	0.000	0.000	0.096
REGION 603	0.004	0.001	0.046	0.002	0.000	0.000	0.004	0.000	0.000	0.057
REGION 605	0.004	0.000	0.035	0.003	0.000	0.000	0.000	0.001	0.000	0.044
REGION 609	0.002	0.000	0.025	0.008	0.000	0.000	0.000	0.000	0.001	0.036
REGION 214	0.016	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.009	0.027
REGION 606	0.004	0.000	0.013	0.001	0.000	0.000	0.000	0.000	0.000	0.018
REGION 501	0.003	0.003	0.008	0.000	0.000	0.000	0.003	0.000	0.000	0.017
REGION 304	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.016
REGION 311	0.006	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.013
REGION 203	0.000	0.000	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.012
REGION 507	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
REGION 209	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 213	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 216	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 801	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
REGION 403	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
OTHER REGIONS	0.007	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.010
TOTAL	0.069	0.018	0.813	0.050	0.000	0.002	0.020	0.002	0.025	1.000

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TASMANIA

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PERFORMANCE SUMMARY

FORMS MAILED .....	753
NOT DELIVERED .....	33
NET DISTRIBUTION .....	720
 TOTAL RETURNS .....	323
UNUSABLE RETURNS .....	7
NET RETURNS .....	316
 RESPONSE RATE .....	0.44

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	509
EFFECTIVE H'HOLDS .....	310
GENERATION RATE .....	1.356
RELATIVE ERROR .....	0.112

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION	0.088	0.425		0.308	0.069	0.039	0.024	0.047	
RELATIVE ERROR	0.198	0.071		0.092	0.221	0.312	0.394	0.267	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.445	0.813	0.254	0.219	0.195	0.177	0.163	0.152	0.142	0.134	0.089	0.068	0.055	0.045	0.037	0.029

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H' HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.009	0.018	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.842	0.562
\$4001-6000	0.000	0.018	0.000	0.000	0.020	0.002	0.000	0.000	0.000	0.000	0.040	0.438	0.397
\$6001-8000	0.000	0.016	0.014	0.014	0.000	0.000	0.007	0.000	0.000	0.000	0.068	1.103	0.313
\$8001-10000	0.018	0.030	0.058	0.004	0.016	0.000	0.000	0.000	0.000	0.000	0.125	1.518	0.306
\$10001-15000	0.001	0.025	0.046	0.067	0.034	0.025	0.016	0.000	0.000	0.000	0.214	1.915	0.206
\$15001-20000	0.004	0.066	0.055	0.125	0.045	0.008	0.000	0.000	0.000	0.000	0.302	2.429	0.222
\$20001-25000	0.000	0.043	0.000	0.010	0.021	0.007	0.000	0.000	0.000	0.000	0.081	2.591	0.423
\$25001-30000	0.000	0.032	0.000	0.000	0.014	0.000	0.000	0.000	0.000	0.000	0.047	2.600	0.684
OVER \$30000	0.000	0.037	0.000	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.041	2.375	0.435
NOT STATED	0.002	0.026	0.000	0.000	0.018	0.000	0.000	0.000	0.000	0.000	0.046	0.727	0.581
TOTAL	0.034	0.311	0.182	0.221	0.182	0.046	0.016	0.007	0.000	0.000	1.000		
AVE TRIPS/H'HOLD	0.450	1.423	2.083	1.807	3.156	1.765	0.778	1.000	0.000	0.000	0.000		
RELATIVE ERROR	0.421	0.203	0.206	0.306	0.257	0.375	1.000	1.000	0.000*	0.000*	0.000*		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
DELIVER FREIGHT	0.000	0.000	0.001	0.012	0.000	0.000	0.000	0.000	0.000	0.012
OTHER BUSINESS	0.042	0.000	0.137	0.000	0.000	0.000	0.000	0.000	0.000	0.178
VISITING FRIENDS	0.022	0.000	0.227	0.000	0.004	0.000	0.000	0.000	0.002	0.254
RECREATION	0.028	0.011	0.133	0.000	0.000	0.007	0.000	0.000	0.002	0.181
HOLIDAY	0.009	0.005	0.112	0.000	0.000	0.006	0.002	0.000	0.000	0.134
PERSONAL AFFAIRS	0.011	0.004	0.123	0.000	0.000	0.000	0.000	0.000	0.000	0.137
OTHER	0.004	0.015	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.094
NOT STATED	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
1 PERSON	0.073	0.023	0.187	0.012	0.004	0.002	0.002	0.000	0.002	0.304
2 PERSONS	0.042	0.011	0.239	0.000	0.000	0.012	0.000	0.000	0.000	0.303
3 PERSONS	0.000	0.000	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.117
4 PERSONS	0.000	0.000	0.166	0.000	0.000	0.000	0.000	0.000	0.002	0.168
5 PERSONS	0.000	0.000	0.066	0.000	0.000	0.000	0.000	0.000	0.000	0.066
6 PERSONS	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.025
7 PERSONS	0.000	0.000	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.016
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)									
	0	1	2	3-7	8-14	15-28	29-56	OVER 56		
HOTEL/MOTEL	-	0.069	0.060	0.061	0.004	0.004	0.000	0.000	0.000	0.197
FIENDS HOME	-	0.045	0.087	0.121	0.014	0.022	0.004	0.000	0.009	0.302
CARAVAN/TENT	-	0.014	0.014	0.002	0.000	0.000	0.000	0.000	0.000	0.030
OTHER	-	0.002	0.081	0.049	0.002	0.000	0.000	0.000	0.000	0.135
NOT STATED	0.327	0.002	0.000	0.000	0.000	0.006	0.000	0.000	0.000	0.335
TOTAL	0.327	0.133	0.241	0.234	0.020	0.032	0.004	0.000	0.009	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.005	0.004	0.301	0.012	0.000	0.000	0.000	0.000	0.002	0.324
1	0.007	0.007	0.117	0.000	0.000	0.000	0.000	0.000	0.002	0.133
2	0.035	0.004	0.192	0.000	0.004	0.007	0.000	0.000	0.000	0.241
3-7	0.047	0.009	0.163	0.000	0.000	0.002	0.002	0.000	0.000	0.223
8-14	0.006	0.008	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.018
15-28	0.006	0.002	0.020	0.000	0.000	0.005	0.000	0.000	0.000	0.033
29-56	0.007	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.018
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.009
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.000	0.000	0.516	0.012	0.004	0.005	0.000	0.000	0.002	0.538
HOUSEHOLD	0.057	0.023	0.161	0.000	0.000	0.000	0.002	0.000	0.002	0.245
EMPLOYER	0.035	0.000	0.036	0.000	0.000	0.002	0.000	0.000	0.000	0.072
OTHER	0.004	0.011	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.018
NOT STATED	0.020	0.000	0.100	0.000	0.000	0.007	0.000	0.000	0.000	0.127
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.000	0.000	0.045	0.000	0.000	0.000	0.000	0.000	0.000	0.045
0-100	0.000	0.004	0.229	0.005	0.000	0.007	0.000	0.000	0.000	0.245
101-150	0.000	0.000	0.177	0.002	0.000	0.005	0.000	0.000	0.002	0.186
151-200	0.000	0.025	0.194	0.005	0.000	0.000	0.000	0.000	0.000	0.224
201-300	0.000	0.000	0.096	0.000	0.004	0.000	0.002	0.000	0.002	0.103
301-400	0.002	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.069
401-600	0.062	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.005
601-800	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017
801-1000	0.014	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.103
OVER 1000	0.032	0.002	0.068	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.009	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.036
\$4001-6000	0.000	0.002	0.038	0.000	0.000	0.000	0.000	0.000	0.000	0.040
\$6001-8000	0.004	0.007	0.055	0.000	0.000	0.000	0.000	0.000	0.002	0.068
\$8001-10000	0.034	0.002	0.089	0.000	0.000	0.000	0.000	0.000	0.000	0.125
\$10001-15000	0.012	0.007	0.182	0.012	0.000	0.000	0.000	0.000	0.002	0.214
\$15001-20000	0.023	0.004	0.265	0.000	0.004	0.006	0.000	0.000	0.000	0.302
\$20001-25000	0.021	0.000	0.058	0.000	0.000	0.000	0.002	0.000	0.000	0.081
\$25001-30000	0.007	0.000	0.032	0.000	0.000	0.007	0.000	0.000	0.000	0.047
OVER \$30000	0.014	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.041
NOT STATED	0.000	0.002	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.046
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
REGION 703	0.000	0.011	0.285	0.005	0.000	0.005	0.000	0.000	0.000	0.305
REGION 701	0.000	0.015	0.278	0.000	0.000	0.007	0.002	0.000	0.002	0.304
REGION 702	0.000	0.002	0.170	0.005	0.004	0.000	0.000	0.000	0.002	0.182
REGION 311	0.063	0.000	0.007	0.000	0.000	0.002	0.000	0.000	0.000	0.072
REGION 214	0.007	0.004	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.022
REGION 406	0.000	0.000	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.022
REGION 501	0.010	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.014
REGION 211	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.011
REGION 704	0.000	0.000	0.008	0.002	0.000	0.000	0.000	0.000	0.000	0.010
REGION 101	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 202	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 215	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 410	0.000	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 401	0.000	0.002	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.007
REGION 402	0.002	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 303	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 608	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 404	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 405	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 207	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
OTHER REGIONS	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002
TOTAL	0.115	0.034	0.816	0.012	0.004	0.014	0.002	0.000	0.004	1.000

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## PERFORMANCE SUMMARY

FORMS MAILED .....	365
NOT DELIVERED .....	79
NET DISTRIBUTION* .....	286
TOTAL RETURNS .....	112
UNUSABLE RETURNS ...	0
NET RETURNS .....	112
RESPONSE RATE .....	0.39

## TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	134
EFFECTIVE H'HOLDS .....	107
GENERATION RATE .....	1.036
RELATIVE ERROR .....	0.202

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION		0.014	0.344	0.430	0.091	0.050	0.050	0.022	
RELATIVE ERROR		1.000	0.153	0.125	0.322	0.490	0.490	0.690	1.000

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.980	0.690	0.560	0.483	0.429	0.390	0.359	0.334	0.313	0.296	0.197	0.151	0.121	0.099	0.080	0.065

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.004	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013	0.500
\$8001-10000	0.038	0.034	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.084	0.733
\$10001-15000	0.000	0.037	0.054	0.221	0.026	0.013	0.000	0.000	0.000	0.000	0.000	0.351	1.031
\$15001-20000	0.000	0.146	0.034	0.021	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.276	1.421
\$20001-25000	0.000	0.000	0.000	0.021	0.017	0.000	0.000	0.000	0.017	0.000	0.000	0.055	0.778
\$25001-30000	0.000	0.004	0.000	0.058	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.063	2.000
OVER \$30000	0.000	0.000	0.000	0.067	0.013	0.066	0.000	0.000	0.000	0.000	0.000	0.146	1.556
NOT STATED	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.013	0.429
TOTAL	0.037	0.226	0.109	0.397	0.130	0.079	0.000	0.000	0.017	0.000	0.004	1.000	
AVE TRIPS/H'HOLD	0.333	0.750	0.846	1.323	1.600	1.400	0.000*	0.000*	1.000*	0.000*	0.250		
RELATIVE ERROR	0.707	0.464	0.420	0.249	0.419	0.623	0.000*	0.000*	0.000*	0.000*	1.000		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
DELIVER FREIGHT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER BUSINESS	0.192	0.000	0.139	0.034	0.000	0.000	0.000	0.000	0.000	0.366
VISITING FRIENDS	0.021	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.025
RECREATION	0.000	0.000	0.154	0.050	0.000	0.000	0.000	0.000	0.000	0.204
HOLIDAY	0.071	0.000	0.047	0.000	0.000	0.000	0.000	0.000	0.000	0.117
PERSONAL AFFAIRS	0.034	0.000	0.071	0.000	0.000	0.000	0.000	0.000	0.000	0.104
OTHER	0.009	0.000	0.116	0.004	0.000	0.017	0.000	0.033	0.004	0.183
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
1 PERSON	0.251	0.000	0.280	0.054	0.000	0.017	0.000	0.033	0.004	0.639
2 PERSONS	0.026	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.060
3 PERSONS	0.050	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.112
4 PERSONS	0.000	0.000	0.167	0.000	0.000	0.000	0.000	0.000	0.000	0.167
5 PERSONS	0.000	0.000	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.021
6 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)							NOT STATED	TOTAL
	0	1	2	3-7	8-14	15-28	29-56		
HOTEL/MOTEL	-	0.009	0.021	0.101	0.076	0.000	0.017	0.000	0.000
FRIENDS HOME	-	0.000	0.021	0.026	0.038	0.017	0.000	0.000	0.102
CARAVAN/TENT	-	0.000	0.087	0.067	0.021	0.000	0.000	0.000	0.175
OTHER	-	0.034	0.000	0.033	0.017	0.000	0.000	0.000	0.084
NOT STATED	0.401	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.417
TOTAL	0.401	0.042	0.130	0.243	0.151	0.017	0.017	0.000	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
0	0.025	0.000	0.324	0.034	0.000	0.000	0.000	0.000	0.004	0.388
1	0.000	0.000	0.026	0.000	0.000	0.000	0.000	0.000	0.000	0.026
2	0.037	0.000	0.109	0.000	0.000	0.000	0.000	0.000	0.000	0.146
3-7	0.109	0.000	0.021	0.050	0.000	0.000	0.000	0.033	0.000	0.213
8-14	0.092	0.000	0.034	0.004	0.000	0.017	0.000	0.000	0.000	0.147
15-28	0.037	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.055
29-56	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.025
OVER 56	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NOT STATED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
NO FARES	0.000	0.000	0.304	0.088	0.000	0.017	0.000	0.000	0.000	0.409
HOUSEHOLD	0.042	0.000	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.105
EMPLOYER	0.267	0.000	0.064	0.000	0.000	0.000	0.000	0.000	0.000	0.332
OTHER	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.033	0.000	0.050
NOT STATED	0.017	0.000	0.083	0.000	0.000	0.000	0.000	0.000	0.004	0.104
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	TOTAL
INTRA-LGA	0.000	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.004	0.039
0-100	0.025	0.000	0.234	0.050	0.000	0.000	0.000	0.000	0.000	0.309
101-150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
151-200	0.000	0.000	0.083	0.000	0.000	0.000	0.000	0.033	0.000	0.116
201-300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
301-400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
401-600	0.033	0.000	0.021	0.000	0.000	0.017	0.000	0.000	0.000	0.071
601-800	0.017	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.021
801-1000	0.017	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.025
OVER 1000	0.235	0.000	0.181	0.004	0.000	0.000	0.000	0.000	0.000	0.419
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$2001-4000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$4001-6000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
\$6001-8000	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.013
\$8001-10000	0.017	0.000	0.000	0.034	0.000	0.000	0.000	0.033	0.000	0.084
\$10001-15000	0.055	0.000	0.246	0.050	0.000	0.000	0.000	0.000	0.000	0.351
\$15001-20000	0.034	0.000	0.221	0.004	0.000	0.017	0.000	0.000	0.000	0.276
\$20001-25000	0.021	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.055
\$25001-30000	0.054	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.063
OVER \$30000	0.138	0.000	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.146
NOT STATED	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004	0.013
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 801	0.084	0.000	0.308	0.050	0.000	0.017	0.000	0.033	0.000	0.491
REGION 802	0.042	0.000	0.056	0.034	0.000	0.000	0.000	0.000	0.004	0.136
REGION 214	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.075
REGION 302	0.000	0.000	0.066	0.004	0.000	0.000	0.000	0.000	0.000	0.071
REGION 501	0.034	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.064
REGION 604	0.000	0.000	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.050
REGION 101	0.033	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.033
REGION 408	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 201	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 401	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 608	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.017
REGION 211	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 311	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 409	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.004
REGION 202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
REGION 207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER REGIONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.326	0.000	0.531	0.088	0.000	0.017	0.000	0.033	0.004	1.000

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PERFORMANCE SUMMARY

FORMS MAILED .....	24402
NOT DELIVERED .....	1043
NET DISTRIBUTION .....	23359
 TOTAL RETURNS .....	10826
UNUSABLE RETURNS ...	241
NET RETURNS .....	10585
 RESPONSE RATE .....	0.45

TRIP GENERATION SUMMARY

TRIPS IN SAMPLE .....	19913
EFFECTIVE H'HOLDS .....	10352
GENERATION RATE .....	1.621
RELATIVE ERROR .....	0.036

TABLE 1. VEHICLE AVAILABILITY (HOUSEHOLD BASIS)

VEHICLES AVAILABLE		0	1	2	3	4	OVER 4	NOT STATED	TOTAL
PROPORTION	0.111	0.434		0.283	0.081	0.027	0.024	0.040	1.000
RELATIVE ERROR	0.038	0.015		0.021	0.043	0.072	0.078	0.066	

TABLE 2. RELATIVE ERRORS IN ESTIMATED TRIP PROPORTIONS

PROPORTION	0.010	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.200	0.300	0.400	0.500	0.600	0.700
RELATIVE ERROR	0.072	0.051	0.041	0.036	0.032	0.029	0.026	0.025	0.023	0.022	0.015	0.011	0.009	0.007	0.006	0.005

TABLE 3. TRIP PROPORTIONS BY INCOME AND HOUSEHOLD SIZE

INCOME GROUP	HOUSEHOLD SIZE									NOT STATED	TOTAL	TRIPS /H'HOLD	REL. ERROR
	1	2	3	4	5	6	7	8	9				
\$0-2000	0.001	0.004	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.865	0.204
\$2001-4000	0.011	0.013	0.003	0.004	0.000	0.001	0.000	0.000	0.000	0.000	0.032	0.693	0.101
\$4001-6000	0.004	0.025	0.010	0.006	0.002	0.000	0.000	0.000	0.007	0.000	0.054	1.049	0.080
\$6001-8000	0.004	0.022	0.012	0.019	0.011	0.008	0.000	0.000	0.000	0.000	0.077	1.657	0.065
\$8001-10000	0.010	0.022	0.023	0.030	0.014	0.006	0.002	0.002	0.000	0.000	0.110	1.794	0.053
\$10001-15000	0.014	0.052	0.041	0.081	0.035	0.016	0.004	0.004	0.000	0.000	0.249	2.158	0.040
\$15001-20000	0.005	0.038	0.038	0.056	0.028	0.016	0.006	0.002	0.001	0.000	0.193	2.367	0.047
\$20001-25000	0.002	0.021	0.014	0.031	0.023	0.007	0.001	0.002	0.001	0.001	0.104	2.606	0.066
\$25001-30000	0.000	0.009	0.006	0.013	0.011	0.004	0.000	0.003	0.000	0.000	0.048	2.638	0.080
OVER \$30000	0.001	0.011	0.007	0.015	0.012	0.008	0.008	0.002	0.000	0.001	0.065	3.631	0.087
NOT STATED	0.004	0.013	0.008	0.021	0.009	0.002	0.002	0.000	0.002	0.000	0.059	1.287	0.087
TOTAL	0.057	0.229	0.162	0.279	0.147	0.068	0.024	0.018	0.012	0.001	0.005	1.000	
AVE TRIPS/H'HOLD	0.675	1.274	1.811	2.533	3.060	3.073	3.683	3.441	4.595	2.500	0.822		
RELATIVE ERROR	0.068	0.035	0.045	0.038	0.055	0.079	0.176	0.136	0.296	0.476	0.280		

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TABLE 4. TRIP PROPORTIONS BY PURPOSE AND VEHICLE TYPE

PURPOSE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
DELIVER FREIGHT	0.000	0.000	0.008	0.021	0.000	0.000	0.000	0.000	0.001	0.030
OTHER BUSINESS	0.024	0.001	0.104	0.005	0.000	0.000	0.005	0.000	0.001	0.141
VISITING FRIENDS	0.012	0.003	0.254	0.001	0.002	0.000	0.011	0.000	0.003	0.287
RECREATION	0.004	0.012	0.170	0.002	0.001	0.000	0.005	0.000	0.002	0.196
HOLIDAY	0.008	0.006	0.134	0.001	0.000	0.001	0.003	0.001	0.000	0.154
PERSONAL AFFAIRS	0.007	0.001	0.109	0.002	0.000	0.000	0.013	0.000	0.002	0.134
OTHER	0.003	0.002	0.041	0.000	0.000	0.000	0.002	0.000	0.001	0.050
NOT STATED	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.001	0.008
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

TABLE 5. TRIP PROPORTIONS BY PARTY SIZE AND VEHICLE TYPE

PARTY SIZE	VEHICLE TYPE									TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER	NOT STATED	
1 PERSON	0.036	0.017	0.190	0.023	0.002	0.000	0.021	0.001	0.004	0.293
2 PERSONS	0.014	0.005	0.204	0.004	0.001	0.001	0.008	0.000	0.002	0.240
3 PERSONS	0.005	0.002	0.124	0.001	0.000	0.000	0.001	0.000	0.001	0.136
4 PERSONS	0.004	0.001	0.174	0.003	0.000	0.000	0.002	0.000	0.001	0.186
5 PERSONS	0.000	0.001	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.089
6 PERSONS	0.000	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.002	0.036
7 PERSONS	0.000	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.007
8 PERSONS	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.006
9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
OVER 9 PERSONS	0.000	0.000	0.000	0.000	0.000	0.000	0.006	0.000	0.000	0.007
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

TABLE 6. TRIP PROPORTIONS BY ACCOMMODATION AND DURATION AT DESTINATION

ACCOMMODATION	DURATION AT DESTINATION (NIGHTS)									TOTAL
	0	1	2	3-7	8-14	15-28	29-56	OVER 56	NOT STATED	
HOTEL/MOTEL	-	0.042	0.036	0.056	0.011	0.003	0.001	0.000	0.001	0.149
FRIENDS HOME	-	0.068	0.095	0.106	0.029	0.011	0.001	0.000	0.002	0.312
CARAVAN/TENT	-	0.011	0.024	0.028	0.011	0.003	0.000	0.000	0.000	0.078
OTHER	-	0.014	0.028	0.024	0.016	0.002	0.001	0.000	0.001	0.086
NOT STATED	0.362	0.001	0.002	0.001	0.001	0.001	0.001	0.000	0.005	0.375
TOTAL	0.362	0.136	0.185	0.216	0.067	0.020	0.004	0.002	0.009	1.000

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TABLE 7. TRIP PROPORTIONS BY TOTAL DURATION AND VEHICLE TYPE

DURATION (NIGHTS)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
0	0.008	0.009	0.288	0.017	0.001	0.000	0.009	0.000	0.006	0.338
1	0.005	0.001	0.110	0.007	0.001	0.000	0.004	0.000	0.001	0.129
2	0.007	0.003	0.159	0.003	0.001	0.000	0.005	0.000	0.001	0.178
3-7	0.024	0.007	0.167	0.003	0.000	0.000	0.009	0.000	0.001	0.212
8-14	0.008	0.003	0.063	0.001	0.000	0.000	0.004	0.001	0.000	0.081
15-28	0.006	0.002	0.026	0.000	0.000	0.000	0.001	0.000	0.001	0.036
29-56	0.001	0.000	0.007	0.000	0.000	0.000	0.007	0.000	0.000	0.016
OVER 56	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.002
NOT STATED	0.001	0.001	0.005	0.001	0.000	0.000	0.001	0.000	0.001	0.009
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

TABLE 8. TRIP PROPORTIONS BY FARES PAID AND VEHICLE TYPE

FARES PAID	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
NO FARES	0.002	0.001	0.503	0.013	0.002	0.000	0.002	0.001	0.006	0.532
HOUSEHOLD	0.030	0.021	0.229	0.002	0.001	0.001	0.023	0.000	0.002	0.308
EMPLOYER	0.022	0.001	0.042	0.016	0.000	0.000	0.001	0.000	0.001	0.083
OTHER	0.003	0.001	0.009	0.000	0.000	0.000	0.003	0.000	0.001	0.017
NOT STATED	0.002	0.001	0.045	0.001	0.000	0.000	0.010	0.000	0.001	0.059
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

TABLE 9. TRIP PROPORTIONS BY DISTANCE AND VEHICLE TYPE

DISTANCE (KM)	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
INTRA-LGA	0.001	0.000	0.013	0.001	0.000	0.000	0.008	0.000	0.000	0.023
0-100	0.001	0.005	0.254	0.008	0.001	0.000	0.009	0.000	0.004	0.283
101-150	0.001	0.006	0.195	0.006	0.000	0.000	0.006	0.000	0.002	0.217
151-200	0.001	0.002	0.089	0.003	0.000	0.000	0.002	0.000	0.001	0.098
201-300	0.004	0.003	0.102	0.005	0.001	0.000	0.003	0.000	0.000	0.118
301-400	0.003	0.004	0.050	0.003	0.000	0.000	0.002	0.000	0.000	0.062
401-600	0.008	0.001	0.039	0.001	0.000	0.000	0.004	0.000	0.000	0.053
601-800	0.019	0.001	0.035	0.002	0.000	0.000	0.003	0.000	0.001	0.061
801-1000	0.002	0.000	0.011	0.001	0.001	0.000	0.002	0.000	0.001	0.016
OVER 1000	0.020	0.003	0.040	0.002	0.000	0.001	0.002	0.000	0.001	0.068
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

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TABLE 10. TRIP PROPORTIONS BY INCOME AND VEHICLE TYPE

INCOME GROUP	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
\$0-2000	0.000	0.000	0.007	0.000	0.000	0.000	0.001	0.000	0.000	0.008
\$2001-4000	0.001	0.003	0.019	0.002	0.000	0.000	0.007	0.000	0.001	0.032
\$4001-6000	0.001	0.003	0.044	0.002	0.000	0.000	0.004	0.000	0.001	0.054
\$6001-8000	0.002	0.002	0.069	0.001	0.000	0.000	0.002	0.000	0.001	0.077
\$8001-10000	0.003	0.003	0.091	0.008	0.000	0.000	0.003	0.000	0.001	0.110
\$10001-15000	0.010	0.006	0.208	0.007	0.001	0.001	0.013	0.001	0.002	0.249
\$15001-20000	0.012	0.004	0.168	0.003	0.001	0.000	0.004	0.000	0.001	0.193
\$20001-25000	0.008	0.002	0.087	0.003	0.001	0.000	0.001	0.000	0.002	0.104
\$25001-30000	0.008	0.000	0.036	0.001	0.000	0.000	0.002	0.000	0.000	0.048
OVER \$30000	0.011	0.001	0.048	0.004	0.001	0.000	0.001	0.000	0.000	0.065
NOT STATED	0.003	0.002	0.050	0.002	0.000	0.000	0.001	0.001	0.001	0.059
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

TABLE 11. TRIP PROPORTIONS BY DESTINATION REGION AND VEHICLE TYPE

DESTINATION REGION	VEHICLE TYPE								NOT STATED	TOTAL
	AIRCRAFT	BUS	CAR	TRUCK	MOTORCYCLE	SHIP	TRAIN	OTHER		
REGION 214	0.014	0.004	0.081	0.006	0.000	0.000	0.020	0.000	0.001	0.126
REGION 311	0.009	0.002	0.079	0.003	0.000	0.000	0.003	0.000	0.001	0.096
REGION 401	0.005	0.001	0.026	0.001	0.000	0.000	0.001	0.000	0.000	0.035
REGION 402	0.003	0.000	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.032
REGION 307	0.000	0.001	0.029	0.000	0.000	0.000	0.000	0.000	0.000	0.031
REGION 213	0.000	0.001	0.029	0.000	0.000	0.000	0.001	0.000	0.001	0.031
REGION 211	0.002	0.000	0.026	0.001	0.000	0.000	0.001	0.000	0.000	0.030
REGION 306	0.000	0.000	0.027	0.000	0.000	0.000	0.000	0.000	0.000	0.028
REGION 208	0.000	0.000	0.024	0.000	0.000	0.000	0.001	0.000	0.000	0.026
REGION 212	0.000	0.001	0.022	0.000	0.000	0.000	0.002	0.000	0.001	0.026
REGION 210	0.000	0.003	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.025
REGION 501	0.004	0.001	0.017	0.001	0.000	0.000	0.001	0.000	0.000	0.024
REGION 202	0.000	0.001	0.015	0.002	0.000	0.000	0.000	0.000	0.001	0.021
REGION 301	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.021
REGION 310	0.000	0.000	0.020	0.000	0.000	0.000	0.000	0.000	0.000	0.021
REGION 608	0.002	0.001	0.013	0.001	0.000	0.000	0.001	0.000	0.001	0.019
REGION 404	0.000	0.000	0.017	0.001	0.000	0.000	0.000	0.000	0.000	0.018
REGION 308	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.018
REGION 203	0.000	0.000	0.017	0.001	0.000	0.000	0.000	0.000	0.000	0.018
REGION 101	0.001	0.001	0.013	0.002	0.000	0.000	0.001	0.000	0.000	0.018
OTHER REGIONS	0.018	0.009	0.288	0.011	0.001	0.001	0.006	0.001	0.003	0.338
TOTAL	0.059	0.027	0.827	0.032	0.003	0.001	0.039	0.002	0.010	1.000

#### APPENDIX IV - A DESCRIPTION OF THE NTS DATA BASE

As noted in the text, it was not possible to undertake the large-scale analysis of NTS information which would have been required to provide a totally comprehensive set of results. Rather, the objective of this Paper is to convey a knowledge of the information available from the NTS, together with some basic cross-tabulations of the more significant results.

The most important output of the NTS is the data base obtained from the survey. Since this data base may be available for detailed processing by appropriate outside organisations, this Appendix provides an indication of the form and structure of the data base. It is intended that this description should enable potential users of this data base to determine its suitability for their requirements. It is emphasised that this description is only superficial, and is intended as a planning guide. A separate publication will be prepared, describing the data-base format and coding schemes in detail. This will be made available to users of the data base.

The return from each household is recorded using up to four record types, designated types 1, 2, 3 and 4. A type 1 record is mandatory for each valid household response, since it contains information relating to household members. Type 2 records are continuation records for type 1 records, if the details of all household members cannot be accommodated on the type 1 record. Trip details are recorded in one or more records of type 3. If no trips were recorded for a particular household, no records of type 3 are present for that household. Finally, a type 4 record, also mandatory for each household response, contains information on vehicle availability and income for the household, together with the encoded comments volunteered by the householder in Section IV of the questionnaire. Thus, a satisfactorily completed NTS questionnaire generates one type 1 record and one type 4 record. It may also generate a number of type 2 records and type 3 records.

The information contained on the monthly data base files has been thoroughly checked for errors and ambiguities after punching. A series of range checks and other logical tests have been performed, and any records in error have been noted and manually corrected before their inclusion in the data base. In the interests of simple programming to interpret the data base, all information is coded numerically.

TABLE IV.1 - NTS DATA BASE - FORMAT FOR RECORD TYPE 1

Field	Bytes	Details of Contents
01	01-04	Household sequence number
02	05-06	Survey month code
03	07	Record type code (=1) <sup>(a)</sup>
04	08-09	Record type sequence number (=01) <sup>(a)</sup>
05	10-11	Number of type 2 records <sup>(a)</sup>
06	12-13	Number of type 3 records <sup>(a)</sup>
07	14-15	Number of people in household
08	16-20	Address placename code <sup>(b)</sup> <sup>(b)</sup>
09	21-24	Address LGA code
10	25-27	Address NTS region code <sup>(b)</sup> <sup>(b)</sup>
11	28-30	Address AGR code <sup>(b)</sup>
12	31-33	Address CSD code
13	34	Sex code (person 1)
14	35	Marital status code (person 1)
15	36	Major activity code (person 1)
16	37-39	Occupation code (person 1)
17	40-41	Age in years (person 1)
18	42	Driving licence availability (person 1)
...	...	Similar details for persons 2 to 5
43	79	Sex code (person 6)
44	80	Marital status code (person 6)
45	81	Major activity code (person 6)
46	82-84	Occupation code (person 6)
47	85-86	Age in years (person 6)
48	87	Driving licence availability (person 6)
49	88-90	Spare

(a) These fields are included for data organisation purposes, and do not directly relate to NTS information.

(b) See Aplin and Hirsch (1978). This does not include information which would lead to identification of individual households.

TABLE IV.2 - NTS DATA BASE - FORMAT FOR RECORD TYPE 2

Field	Bytes	Details of Contents
01	01-04	Household sequence number
02	05-06	Survey month code
03	07	Record type code (=2) <sup>(a)</sup>
04	08-09	Record type sequence number (=01,02,03 ...) <sup>(a)</sup>
05	10	Sex code (persons 7, 16, ...)
06	11	Marital status code (persons 7, 16 ...)
07	12	Major activity code (persons 7, 16 ...)
08	13-15	Occupation code (persons 7, 16 ...)
09	16-17	Age in years (persons 7,16 ...)
10	18	Driving licence availability (persons 7,16 ...)
...	...	Similar details for persons 8, 17, ... to persons 14, 23 ...
53	82	Sex code (persons 15, 24 ...)
54	83	Marital status code (persons 15,24 ...)
55	84	Major activity code (persons 15,24 ...)
56	85-87	Occupation code (persons 15,24 ...)
57	88-89	Age in years (persons 15,24 ...)
58	90	Driving licence availability (persons 15,24 ..)

(a) These fields are included for data organisation purposes,  
and do not directly relate to NTS information.

TABLE IV.3 - NTS DATA BASE - FORMAT FOR RECORD TYPE 3

Field	Bytes	Details of Contents
01	01-04	Household sequence number
02	05-06	Survey month code
03	07	Record type code (=3) (a)
04	08-09	Record type sequence number (=01,02,03 ...) (a)
05	10-14	Main trip destination placename code (b)
06	15-18	Main trip destination LGA code (b)
07	19-21	Main trip destination NTS region code (b)
08	22-24	Main trip destination AGR code (b)
09	25-27	Main trip destination CSD code (b)
10	28-29	Nights spent at main destination
11	30	Accommodation code (c)
12	31	Accommodation code (c)
13	32	Accommodation code (c)
14	33	Accommodation code (c)
15	34	'Main reason for travel' code (d)
16	35	'Other reason for travel' code (d)
17	36	'Other reason for travel' code (d)
18	37	'Other reason for travel' code (d)
19	38-42	'Furthest place visited from home' (FPH) placename code (b)
20	43-46	FPH LGA code (b)
21	47-49	FPH NTS region code (b)
22	50-52	FPH AGR code (b)
23	53-55	FPH CSD code (b)
24	56	Main travel mode code (e)
25	57	Other travel mode code (e)
26	58	Other travel mode code (e)
27	59	Other travel mode code (e)
28	60	Code indicating if person 1 travelled
29	61	Code indicating if person 2 travelled
30	62	Code indicating if person 3 travelled
31	63	Code indicating if person 4 travelled
32	64	Code indicating if person 5 travelled
33	65	Code indicating if person 6 travelled

TABLE IV.3 - (CONTINUED) NTS DATA BASE - FORMAT FOR RECORD TYPE 3

Field	Bytes	Details of Contents
34	66	Code indicating if person 7 travelled
35	67	Code indicating if person 8 travelled
36	68	Code indicating if person 9 travelled
37	69	Code indicating if any other person travelled
38	70	Code indicating if more than nine people travelled
39	71-72	Total number of nights spent away from home
40	73-74	Date the trip ended (day of month)
41	75	Fare payment method code (f)
42	76	Fare payment method code (f)
43	77	Fare payment method code (f)
44	78-79	Number of identical trips made
45	80-82	Number of person-trips involved in this journey
46	83-86	Distance between home and main destination (km) (g)
47	87-90	Spare

- (a) These fields are included for data organisation purposes, and do not directly relate to NTS information.
- (b) See Aplin and Hirsch (1978).
- (c) Information on all types of accommodation used is requested in the survey.
- (d) Respondents are requested to indicate all their reasons for undertaking the trip and to separately identify the main reason.
- (e) Respondents are requested to indicate all travel modes used on the trip, and to identify separately the main mode.
- (f) Respondents are requested to indicate all the sources of any fares paid during the trip.
- (g) This distance is calculated as the great-circle distance between the population centroids of the origin LGA and the destination LGA.

TABLE IV.4 - NTS DATA BASE - FORMAT FOR RECORD TYPE 4

Field	Bytes	Details of Contents
01	01-04	Household sequence number
02	05-06	Survey month code
03	07	Record type code (=4) <sup>(a)</sup>
04	08-09	Record type sequence number (=01) <sup>(a)</sup>
05	10	Number of cars available to household
06	11	Number of motorcycles available to household
07	12	Number of utilities available to household
08	13	Number of other vehicles available to household
09	14-15	Household income code
10	16-19	Code for first comment <sup>(b)</sup>
11	20-23	Code for second comment <sup>(b)</sup>
12	24-27	Code for third comment <sup>(b)</sup>
13	28-31	Code for fourth comment <sup>(b)</sup>
14	32-35	Code for fifth comment <sup>(b)</sup>
15	36-39	Code for sixth comment <sup>(b)</sup>
16	40-42	Total number of person-trips per household
17	43-89	Spare
18	90	Next record type code <sup>(c)</sup>

(a) These fields are included for data organisation purposes, and do not directly relate to NTS information.

(b) Comments volunteered by respondents are encoded by assigning four-digit codes.

(c) In general, this field will contain 1, indicating the first record type for the next household. However, the last record of the file will contain 0 in this field. This is an aid to processing on systems which do not support full end-of-file error handling.

## APPENDIX V - EXPANSION OF RESULTS

As noted in Chapter 2, the statistics presented in this Paper are generally relative rather than absolute. Various sources of survey bias were also mentioned. One of these sources is the bias in trip generation rate which may be present in these preliminary results due to the different travel patterns associated with respondents and with non-respondents. The main aim of the subsidiary interview survey is to provide information which will eventually allow corrections for this source of bias to be made. Corrections of this nature cannot be made at present.

The other main source of survey bias arises from the possibility of having a distribution of household characteristics in the response sample which is statistically different from the corresponding distribution for the population being sampled. If the appropriate distribution of household characteristics for the population is known, corrections can be applied to the results presented in Appendix III in order to minimise the effect of this bias. Hence the following paragraphs provide some discussion concerning the appropriate corrections which can be applied to the results presented earlier.

Two particular household characteristics are assumed to be strong determinants of trip-making propensity. These characteristics are household size and household income. The following discussion illustrates the technique for expansion of the results incorporating a correction for distribution of household size.

Let  $T_j(i)$  be the number of trips per month made by sampled households of size  $i$  in the generalised area  $j$ ,

$H_j(i)$  be the number of sampled households of size  $i$  in area  $j$ ,

and  $N_j(i)$  be the total number of households of size  $i$  in the population of area  $j$ .

The estimated average number of trips per household per month of size  $i$  for area  $j$ ,  $(\hat{t}_j(i))$ , is given by:

$$\hat{t}_j(i) = \frac{T_j(i)}{H_j(i)} \quad (V.1)$$

Values of  $\hat{t}_j(i)$  are shown in the results in Appendix III (in Table 3 in each case). Similarly, the estimated grand average number of trips per household per month ( $\hat{t}_j$ ) for area  $j$  is given by:

$$\hat{t}_j = \frac{\sum_i T_j(i)}{\sum_i H_j(i)} \quad (V.2)$$

This value is shown in the results in Appendix III under the heading 'Trip Generation Summary'. If the sample population is completely unbiased<sup>(2)</sup>, an estimate of the total number of trips per month ( $\hat{T}_j$ ) made in area  $j$  is given by:

$$\hat{T}_j = N_j \hat{t}_j \quad (V.3)$$

where  $N_j = \sum_i N_j(i)$  is the total number of households in area  $j$ .

However, if bias is present in the sample population (that is, if the distribution of household size in the response sample is not identical to that for the population), the expansion needs to be performed by a different approach. In such a case, the estimated total number of trips ( $\hat{T}_j(i)$ ) per month made by households of size  $i$  in area  $j$  is desired from:

$$\hat{T}_j(i) = N_j(i) \hat{t}_j(i) \quad (V.4)$$

(1) 'Area' in this Appendix refers to a generalised area which includes NTS regions and State, Territory and national aggregations. The statistics presented have been adjusted for non-uniform sampling across NTS regions, as explained in Chapter 2.

(2) This implies that the distribution of household size in the response sample is statistically equivalent to the corresponding distribution for the population. No examination has been made to determine whether these distributions are statistically similar for the sample under consideration in this Paper.

Then  $\hat{T}_j$  is calculated as:

$$\hat{T}_j = \sum_i \hat{t}_j(i) \quad (V.5)$$

This yields the corrected value of the total number of trips generated in the area. The corrected value for the estimated overall average trip generation rate in area  $j$  is that given by:

$$\hat{\bar{t}}_j = \frac{\hat{T}_j}{N_j} = \frac{\sum_i N_j(i) \hat{t}_j(i)}{N_j} \quad (V.6)$$

A similar approach applies to expansions in which a correction is to be applied for response sample bias in household income or other variables.

The values of  $\hat{t}_j(i)$  are given in the summary results in Appendix III for each area and time-period. The values of  $N_j(i)$  required in order to apply these corrections must be obtained from census data or similar sources.

Results related to the travel levels satisfying certain criteria<sup>(1)</sup> can be estimated from Equation V.5, and the appropriate proportion of trips can be found to satisfy these criteria in the survey.

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(1) For example, the criterion of interest might be travel by aircraft with fares paid by other than household members. Appendix III (Table 8 in each case) includes the results which indicate the appropriate proportions of trips satisfying this criterion.

APPENDIX VI - METHODS USED FOR THE REGIONAL AGGREGATION OF  
STATISTICS

As noted in Chapter 3 of this Paper, certain 'corrections' to the regional data are required in order to obtain statistics related to State, Territory and national aggregations. The corrections are required to account for the non-uniformity of the sample distribution in the regional aggregations.<sup>(1)</sup> The approach used to apply these corrections is described in this Appendix.

The methods used in this process are related to those described in Appendix V, which deals with the problem of expansion of the survey results. The procedure involves expansion of regional trip sample results to regional population levels. These population estimates are then summed to obtain State, Territory and national trip estimates. These are normalised to enable the presentation of the results in terms of trip proportions. The procedures used are summarised below.

Aggregation of Trip Generation Rate

The grand average of trips per household in each regional aggregation (State, Territory and national) is presented in the trip summary table at the head of each set of the aggregated results. The formula used for computing this value is:

$$\hat{t}_K = \frac{1}{N_K} \sum_i \frac{n_i t_i}{h_i} \quad (\text{VI.1})$$

where  $\hat{t}_K$  is the estimated grand average trip generation rate (person-trips per household per month) for regional aggregation K,

$N_K$  is the total number of households in regional aggregation K,

$n_i$  is the total number of households in NTS region i,

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(1) These are aggregations of NTS regions to State, Territory and national levels.

$h_i$  is the number of effective sample households in NTS region  $i$ ,  
and  $T_i$  is the estimated number of person-trips from the survey sample for NTS region  $i$ .

The relative error associated with the trip generation rate is calculated as follows for the aggregated results. If  $s(\hat{t}_i)$  is the standard error of the average trip generation rate  $(\hat{t}_i)$  in NTS region  $i$ , then the estimated standard error of the trip generation rate for regional aggregation  $K$  is given by:

$$\hat{s}(\hat{t}_K) = \frac{1}{N_K} \left\{ \sum_i n_i^2 s(\hat{t}_i)^2 \right\}^{1/2} \quad (\text{VI.2})$$

As quoted in the statistical summaries, the estimated relative error  $\hat{r}(\hat{t}_K)$  of the estimated average trip generation rate for regional aggregation  $K$  is given by:

$$\hat{r}(\hat{t}_K) = \frac{\hat{s}(\hat{t}_K)}{\hat{t}_K} \quad (\text{VI.3})$$

#### Aggregation of Vehicle Availability Results

The vehicle availability results are aggregated in an analogous fashion, except that they are stratified by the number of vehicles available to the household:

$$\hat{p}_K(j) = \frac{1}{N_K} \sum_i \frac{n_i h_i(j)}{h_i} \quad (\text{VI.4})$$

where  $\hat{p}_K(j)$  is the estimated proportion of households having  $j$  vehicles in regional aggregation  $K$ ,  
 $h_i(j)$  is the number of sample households having  $j$  vehicles in NTS region  $i$ ,  
and  $h_i, n_i$  and  $N_K$  are as defined earlier.

The relative error for each  $\hat{p}_K(j)$  is calculated in a similar fashion to that shown above in Equations VI.2 and VI.3. The basic regional error estimates are calculated as shown in Appendix VII.

### Aggregation of Trip Proportions

The tables presented in the statistical summaries in Appendix III for each State and Territory, and for Australia, contain aggregated trip proportion values. These were obtained by deriving expanded estimates of the number of trips in a particular cell  $(u,v)$  of the two-way classification tables for each regional aggregation. These were then normalised by dividing by the estimated total number of trips for that regional aggregation as follows:

$$\hat{p}_K(u,v) = \frac{1}{N_K \hat{t}_K} \sum_i \frac{n_i T_i(u,v)}{h_i} \quad (\text{VI.5})$$

where  $\hat{p}_K(u,v)$  is the trip proportion for cell  $(u,v)$  in a two-way normalised classification table applying to regional aggregation  $K$ ,

$\hat{t}_K$  is as calculated in Equation VI.1,

$T_i(u,v)$  is the number of sample trips in cell  $(u,v)$  of the corresponding two-way classification table for NTS region  $i$ ,

and  $h_i, n_i$  and  $N_K$  are as defined earlier.

As an approximation, the relative errors for these aggregated statistics were estimated using the pooled trip sample size for the particular aggregation in question. As described elsewhere, the estimated relative errors at a number of reference proportions are given in the statistical summaries in Appendix III (in Table 2 in each case).

The elements of the aggregated origin-destination matrix are calculated as follows:

$$\hat{p}_{IJ} = \frac{1}{N_A \hat{t}_A} \sum_i \frac{n_i T_{ij}}{h_i} \quad (\text{VI.6})$$

where  $\hat{p}_{IJ}$  is the estimated number of trips from State or Territory I to State or Territory J, expressed as a proportion of all trips made in Australia,

$N_A$  is the total number of households in Australia,

$\hat{t}_A$  is the grand average trip generation rate for Australia,

$T_{iJ}$  is the number of sample trips from NTS region i to State or Territory J,

and  $h_i$  and  $n_i$  are as defined earlier.

Note that the summation in Equation IV.6 is over all NTS regions in State or Territory I.

## APPENDIX VII - DERIVATION OF ERROR STATISTICS

For each of the sets of statistics presented in this Paper, corresponding error statistics have been derived. This Appendix presents the calculations for the derivation of the error estimates which apply to statistics for the individual NTS regions. The application of these error estimates to the regional aggregations was discussed in Appendix VI. It should be noted that in this Paper, the term 'relative error' is used in the special sense of the standard error of a value divided by the mean of the value. This is also referred to in Chapter 2.

### RELATIVE ERROR OF A PROPORTION

The relative error ( $r(p)$ ) of a proportion is defined as:

$$r(p) = \frac{s(p)}{p} \quad (\text{VII.1})$$

where  $s(p)$  is the standard error of the proportion,  
and  $p$  is the proportion.

An estimate  $\hat{s}(p)$  of the standard error of a proportion ( $p$ ) is given as:

$$\hat{s}(p) = \left\{ \frac{p(1-p)}{T-1} \right\}^{\frac{1}{2}} \quad (\text{VII.2})$$

where  $T$  is the sample size.<sup>(1)</sup>

Then, by using this result and substituting it in equation VII.1, an estimate ( $\hat{r}(p)$ ) of the relative error of a proportion  $p$  is:

$$\hat{r}(p) = \left\{ \frac{1-p}{p(T-1)} \right\}^{\frac{1}{2}} \quad (\text{VII.3})$$

---

(1) For Table 1 of the statistical summaries,  $T$  is the household sample size, and is referred to elsewhere as  $h_i$  (or similar). The remaining proportions presented refer to person-trips; hence for the calculation of Table 2 of the summaries,  $T$  is the trip sample size.

The derivation above applies strictly to the appropriate statistics<sup>(1)</sup> pertaining to the individual NTS regions. For the purposes of clarity of presentation, the relative errors for all calculated trip proportions are not provided. Instead a 'look-up' table (Table 2) is shown for each region. This 'look-up' table provides the relative errors associated with a number of reference trip proportions. An indication of the relative error associated with any other trip proportion can be obtained by interpolation of the results given in these 'look-up' tables. For example, consider a specific trip proportion of (say) 0.067. Since this lies between the proportions of 0.060 and 0.070 in the 'look-up' tables, the relative error for this trip proportion lies between the relative errors shown for the proportions of 0.060 and 0.070. Equation VII.3 can be used to obtain a more accurate indication of the relative error of a proportion ( $p$ ) using the appropriate sample size ( $T$ ) shown for the NTS region.

For the aggregated statistics presented in this Paper, the values in the statistical summaries represent an approximation to the relative errors. These values are based simply on the sum of the NTS regional trip samples applying to a particular regional aggregation, again using Equation VII.3 to calculate the relative errors at a number of reference proportions.

#### RELATIVE ERROR OF MEAN VALUES

The standard error  $s(\bar{x})$  of a mean  $(\bar{x})$  is:

$$s(\bar{x}) = \frac{s(x)}{T} \quad (\text{VII.4})$$

where  $s(x)$  is the standard deviation of the variable  $x$ , and  $T$  is the sample size, as before.

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(1) These statistics and associated errors are available from the BTE in microfiche form.

An estimate  $\hat{s}(x)$  of the standard deviation is required. For a variable  $x$ , this estimate is derived in general terms as follows:

$$\hat{s}(x) = \left\{ \frac{\sum_i (x_i - \bar{x})^2}{T - 1} \right\}^{\frac{1}{2}} \quad (\text{VII.5})$$

Thus, the estimate of the standard error of the mean  $s(\bar{x})$  can be calculated as follows:

$$\hat{s}(\bar{x}) = \left\{ \frac{\sum_i (x_i - \bar{x})^2}{T(T - 1)} \right\}^{\frac{1}{2}} \quad (\text{VII.6})$$

Finally, the relative error estimate  $\hat{r}(\bar{x})$  is given by:

$$\hat{r}(\bar{x}) = \frac{\hat{s}(\bar{x})}{\bar{x}} \quad (\text{VII.7})$$

## NOTATION

### MATHEMATICAL SYMBOLS

$H_j(i)$  The number of sampled households of size  $i$  in generalised area  $j$ .

$N_A$  The total number of households in Australia.

$N_j$  The total number of households in generalised area  $j$ .

$N_j(i)$  The total number of households of size  $i$  in the population of generalised area  $j$ .

$T$  The sample size.

$T_j(i)$  The number of trips per month made by sampled households of size  $i$  in area  $j$ .

$T_i(u,v)$  The number of sample trips in cell  $(u,v)$  of a two-way classification table for NTS region  $i$ .

$T_{iJ}$  The number of sample trips from NTS region  $i$  to State or Territory  $J$ .

$h_i$  The number of sample households in NTS region  $i$ .

$h_i(j)$  The number of sample households in region  $i$ , having  $j$  vehicles.

$n_i$  The total number of households in NTS region  $i$ .

$j$  The value of a proportion.

$\hat{P}_{IJ}$  The estimated number of trips per month made from State  $I$  to State  $J$  expressed as a proportion of all trips made in Australia.

$\hat{P}_K(j)$  The estimated proportion of households in regional aggregation  $K$ , having  $j$  vehicles.

- $\hat{p}_K(u,v)$  The estimated trip proportion for cell  $(u,v)$  in a two-way normalised classification table applying to regional aggregation K.
- $r(p)$  The relative error of a proportion p.
- $\hat{r}(\bar{x})$  The estimated relative error of the mean  $\bar{x}$ .
- $\hat{r}(\hat{t}_K)$  The estimated relative error of the estimated average trip generation rate  $(\hat{t}_K)$  for regional aggregation K.
- $s(p)$  The standard error of the proportion p.
- $s(\hat{t}_i)$  The standard error of the estimated average trip generation rate  $(\hat{t}_i)$  for NTS region i.
- $\hat{s}(\hat{t}_K)$  The estimated standard error of the estimated average trip generation rate  $(\hat{t}_K)$  for regional aggregation K.
- $s(x)$  The standard deviation of the variable (x).
- $s(\bar{x})$  The standard error of a mean  $(\bar{x})$ .
- $\hat{\bar{t}}_j$  The estimated grand average number of person-trips per household per month (trip generation rate) for generalised area j.
- $\hat{\bar{t}}_K$  The estimated grand average number of person-trips per household per month for regional aggregation K.
- $\bar{t}_j(i)$  The estimated average number of person-trips per month made by households of size i in area j.
- NOTE:** A number of symbols presented in the list above are also used in the text with a circumflex above the symbol. The circumflex indicates that the symbol represents an estimate of that variable. For presentation purposes, the symbols for estimated values are only included if that symbol is not recorded elsewhere in the list.

## ABBREVIATIONS

ABS	Australian Bureau of Statistics
AGR	Australian Government Region
BTE	Bureau of Transport Economics
CSD	Census Statistical Division
FPH	furthest Place visited from Home
LGA	Local Government Area
NTS	National Travel Survey
O-D	Origin-Destination
km	Kilometre