

**2001 TRANSPORTATION TOMORROW SURVEY
REGIONAL MUNICIPALITY OF DURHAM
SUMMARY BY WARDS**

**Prepared for the
Transportation Information
Steering Committee**

by the

**Data Management Group
University of Toronto
Joint Program in Transportation
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FURTHER INFORMATION

The Transportation Tomorrow Surveys (TTS) are parts of an ongoing data collection program by the Transportation Information Steering Committee (TISC). The survey data (2001, 1996, 1991 and 1986) are currently under the care of the Data Management Group. For more information, please contact:

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City of Hamilton
City of Toronto
GO Transit
Ministry of Transportation, Ontario
Regional Municipality of Durham
Regional Municipality of Halton
Regional Municipality of Peel
Regional Municipality of York
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INTRODUCTION

BACKGROUND

The 2001 Transportation Tomorrow Survey (TTS) is the largest and most comprehensive travel survey ever conducted in Ontario or perhaps anywhere in North America. The survey was conducted on behalf of 19 local, regional, provincial and transit operating agencies in the Greater Toronto Area and surrounding regions. TTS data contain detailed demographic information on all members of a surveyed household and a ledger of travel information over an entire weekday.

The 2001 survey is the fourth and latest in a series of surveys conducted every five years. The first Transportation Tomorrow Survey, conducted in 1986, collected information for over 61,700 households in the Greater Toronto Area (GTA). The 1986 TTS was the most comprehensive travel survey in the Toronto area since the 1964 Home Interview Survey for the Metropolitan Toronto (now City of Toronto) and Region Transportation Study (MTARTS). Results of the TTS survey have been used in a wide range of studies including the development of Highway 407 and the Highway 401 expansion program.

In 1991, the second TTS was conducted as an update survey for the 1986 data. Recognizing the importance of interregional travel, the 1991 survey area was expanded to include local municipalities adjacent to the GTA boundary. Approximately 22,300 households in the GTA and 2,200 households at the fringe of the GTA were successfully interviewed. The survey captured the travel condition in the GTA after five years of active changes, with particular emphasis on areas that experienced rapid population growth between 1986 and 1991. The 1991 survey data provided a clear measure of global trends on urban travel characteristics. One of the most significant observations was the shift of urban population and employment growth from the City of Toronto to the surrounding regions and its impact on travel demand and modal choice.

The 1996 TTS expanded its focus from the GTA to include a large part of south central Ontario. It involved cooperation from twelve regional and county governments, three cities, one town, two transit operators and one provincial ministry. The survey area stretched from Peterborough County in the east to the Regional Municipality of Waterloo in the west. Based on Census information, the survey area covers 60 percent of Ontario's total population. A total of 115,200 households or five percent of all households in the survey area were successfully interviewed. The survey provides sample information on an estimated thirteen million daily trips in the survey area.

The 2001 TTS covers much of the same area as 1996 excluding the Regional Municipality of

Waterloo whilst adding larger areas of some other counties in southern Ontario. The survey involved cooperation from seven cities, eight regional and county governments, one town, two transit operators and one provincial ministry. Altogether approximately 137,000 households were successfully interviewed. The survey provides sample information on an estimated fourteen million daily trips in the survey area.

Unlike data sources such as regular traffic counts, which measure the change in magnitude of travel demand, the TTS provides information on the characteristics of these changes. As a transportation time series database, the TTS enables analysis on how factors such as flexible work hour programs, relocation of manufacturing employment, increasing female participation in the labour force, and aging population influence how people travel, how often and the purpose of their trips.

In addition to being a time series database, the 2001 TTS data alone is an important data source for transportation planning. It provides a clear description on existing travel patterns and how travel demand is influenced by current demographic and socio-economic factors. This is especially useful for areas which do not have previous travel survey data. Furthermore, because of the scope of the survey coverage, the 2001 data is also a key datum for understanding the dynamic interdependence of communities in south central Ontario.

PURPOSE OF THIS REPORT

The purpose of this report is to summarize the 2001 Transportation Tomorrow Survey data according to ward boundaries in the Regional Municipality of Durham. The summary is presented in tabular format at different levels of detail, namely the entire Greater Toronto Area, the Regional Municipality of Durham, local municipalities and wards. The information presented includes socio-demographic and travel characteristics. In addition to presenting the magnitude of the trips coming into and leaving an area, the summary tables also describe travel characteristics such as travel purpose, trip start time, travel distance and travel mode choice.

The information presented in this report is based on Version 1.0 of the 2001 TTS database. For more historical TTS data, please refer to the fifth report in the 1996 Transportation Tomorrow Survey series, entitled, [1996, 1991 & 1986 Travel Survey Summaries for the Greater Toronto Area](#) and the fifth report in the 2001 Transportation Tomorrow Series entitled [2001, 1996 & 1986 Travel Survey Summaries for the Greater Toronto Area](#).

THE TTS DATA

DESIGN AND CONDUCT OF THE SURVEY

The 2001 TTS, with approximately 137,000 household interviews, is one of the largest surveys ever undertaken anywhere. The 2001 survey covered a great part of south central Ontario and consisted of the Cities of Toronto (formerly Metropolitan Toronto), Hamilton (formerly the Regional Municipality of Hamilton-Wentworth), Barrie, Guelph, Peterborough and Kawartha Lakes (formerly the County of Victoria), the Regional Municipalities of Durham, Halton, Niagara, Peel, and York, the Town of Orangeville, the County of Simcoe and partial coverage of the Counties of Peterborough and Wellington.

The 2001 TTS was initially scheduled to be conducted over two time periods. Areas external to the GTA and Hamilton were surveyed in the fall of 2000 and the GTA and Hamilton were surveyed in the fall of 2001. However, after these first two survey periods were completed, it was noticed that apartment buildings were under-represented in the sample and a supplemental survey was done in May 2002 to correct this sample bias. There were no changes in survey methodology or questionnaire between survey periods and the three data sets are combined for all expansion and analytical processes.

A random sample of households in the survey area was selected from Bell Canada's files containing information on residential subscribers. Households with unlisted telephone numbers were not included in the sample but are believed to be uniformly distributed throughout the study area and with no obvious correlation to socio-economic status. The target was to obtain a random sample of five percent of the households in the study area. The actual sampling rate in each Forward Sortation Area (defined by the first three characters of a postal code) was reviewed to ensure a uniform distribution of sampling rates across the study area.

An advance letter was mailed to the sample households before the actual interview took place. The purpose was to introduce the survey, outline the survey process and impress upon the household the legitimacy and importance of information that would be collected in the interview.

Interviewers telephoned the households to collect travel information for the preceding weekday and recorded the data directly on computer files using a direct data entry program. As the information was entered, the program carried out spelling checks on street names, validation checks on transit route information and other checks on the consistency and completeness

of the information. The sample rates were monitored daily by sample control software to ensure even coverage of the study area during the survey period. The locations of households, places of work and school, trip origins and destinations were coded to a geographic reference system.

Geographic coding enables the survey results to be studied at aggregated levels which are both flexible and accurate.

In Durham Region, over 9,000 households were interviewed. With the 2001 Census count of approximately 170,000 households, the survey achieved its target of a five percent sample rate.

Detailed documentation of the planning and implementation of the 2001 survey is contained in the first report of the 2001 Transportation Tomorrow Survey series, entitled, Design and Conduct of the Survey. The sample expansion procedure for this survey is described in detail in the third report of the 2001 TTS working paper series, Data Expansion.

INFORMATION COLLECTED

Through the years, the TTS has collected demographic and travel information. Demographic data were collected for the household and each member of the household. Travel information was usually for the weekday just prior to the day of the interview. The 2001 database may be summarized as follows:

Demographic Information

- Household Characteristics
 - Location of residence
 - Dwelling unit type
 - Number of persons living in the household
 - Number of vehicles available for personal use
- Person Characteristics
 - Age
 - Gender

- Employment Status
 - Student status
 - Possession of a driver's licence
 - Possession of a transit pass
 - Location of usual place of work
 - Location of usual place of school
 - School name
 - Availability of free parking at usual place of work
 - Occupation type
 - Whether or not the person worked at home on the trip day (only asked if a person employed full time outside the home did not make a work trip on the survey day)
- Travel Information
- Nature of trip
 - Start time
 - Purpose of trip
 - Origin and destination points
 - Means of travel
 - Travel mode
 - Detailed transit routes including boarding and alighting stations for all GO Train and subway trips

A trip is defined as a one-way movement between two locations for a single purpose. For example, a trip may be made to work, to facilitate a passenger, or to return home. The survey collected trip information for all persons of age 11 years or older over a 24-hour period. To reflect travel activities on an average work day, only trips made on Monday to Friday were recorded. The survey results indicate an approximately equal coverage of trips on each of the five weekdays.

All children between the ages of 6 and 11 were assumed to be full time students.

A comprehensive description of the contents and structures of the 2001 TTS database is contained in the first report of the 2001 TTS entitled, Data Guide.

QUALITY OF THE DATA

Preliminary analysis of the 2001 survey data indicate that, as with previous years, the TTS data may be used with a high degree of confidence. With respect to peak period travel there is no

evidence of under-reporting of trips made in the a.m. peak period. Public transit trips are accurately represented through the day and any under-reporting which occurs is primarily associated with off-peak automobile trips.

TTS tends to under-represent the overall population of the survey area compared to Census data. The under-representation is most noticeable in infants and elderly persons. The exclusion of collective homes, such as hospitals and nursing homes, from the survey is likely a contributing factor in the under-representation of the elderly. The spatial distribution of persons aged 18 to 27 differ between the TTS and Census. This can be attributed to the timing and definition of the survey relative to the Census and the effect this has on the estimation of post-secondary school students.

TTS data accurately reflects the number of full-time students in most parts of the survey area. Initial comparisons with university and college enrollment data suggest that there might be some under-representation of students at McMaster, Guelph and Trent Universities.

For further discussion on the validation of the 2001 data, refer to the 2001 TTS report, Data Validation.

Availability of Data

The data used in this survey was obtained from the 2001 TTS survey. This survey data and previous years' data (1986, 1991 and 1996) are currently under the care of the Data Management Group. This group is responsible for maintaining the TTS databases and allowing access to the survey data. Data is made readily available through an online data retrieval system. For more information see previous contact information.

REPORT CONTENTS

OVERVIEW

The data in this report provides demographic characteristics and travel pattern information. The data is presented by ward and summarized for the local municipalities, the Regional Municipality of Durham and for the whole GTA. In total there are 37 wards in the Regional Municipality of Durham.

To reflect the fact that all numbers presented in this report are estimates based on expanded data, all numeric figures are rounded. Totals and subtotals are rounded to the nearest 100 and all percentages are rounded to the nearest integer. An asterisk (*) is used to denote categories that have less than four observations or survey records.

Invalid survey responses are dealt with in two ways. The response is grouped under the “other” category if one is available (travel mode, for example). Otherwise, invalid responses are distributed proportionately (based on the valid responses) between the available categories.

GENERAL SUMMARY TABLES

Demographic Characteristics

Demographic data are presented in the two tables on the top half of the page. The table on the left summarizes the data by household and the table on the right summarizes the data by person.

Household characteristics include:

- Total number of households in the area. The data expansion procedure ensures a close match with the census.
- Distribution of households by dwelling type: house, townhouse or apartment
- Distribution of households by number of residents
- Distribution of households by number of vehicles available for personal use
- A series of ratios that reflect the general characteristics of households in the area:
 - Persons - Total population divided by total number of households
 - Workers - Total number of employed persons (full-time and part-time, includes work at home) divided by total number of households

- Drivers - Total number of persons in possession of a driver's licence divided by the total number of households
- Vehicles - Total number of vehicles available for personal use divided by total number of households
- Trips/day - Total number of trips by persons of age 11 and over divided by total number of households

Personal characteristics include:

- Total number of persons in private residences in the area
- Population by gender
- The percentage of persons in possession of a transit pass by gender
- The percentage of persons in possession of a valid driver's licence by gender
- The percentage of persons who are full or part-time students by gender
- Employment status by gender - full-time outside the home, part-time outside the home, and work at home, full or part-time
- The percentage of persons who made a trip to work on the survey day by employment status
- Occupation type: clerical, manufacturing, professional, or sales and service
- Median age, the age where 50 percent of the population is older and 50 percent is younger
- Distribution by age cohort
- Daily trips per person aged 11 and over

Travel Patterns

The two tables on the lower half of the page present travel pattern information in two categories, trip purpose and mode of travel. In each category, the information is summarized by trips that were made by the residents of an area and by trips with a destination in the area. Trips made by residents of an area are a measure of mobility and thus includes all trips regardless of trip origin or destination. The number of trips made to an area is a measure of the area's attractiveness and therefore include trips made by both residents and non-residents of the area. Note that trips made by residents include trips in and out of the GTA and that trips made to the area include only trips made by GTA residents.

The time periods dealt with are the 24-hour period and the 3-hour morning peak period. The morning peak period has been chosen to minimize the number of non-work trips that are included in the summary. In general, the composition of the morning peak is dominated by trips to work and school. Although, the period chosen for the morning peak is indicated as 6 to 9 a.m., the data actually comprises trips starting at 6:00 a.m. to 8:59 a.m. The reason for excluding trips starting at exactly 9:00 a.m. is that respondents tend to round off the times they reported to the nearest quarter or half hour. If data for both 6:00 a.m. and 9:00 a.m. were included the actual number of morning peak period trips would be overrepresented.

Trip Purpose

For trips made by the residents of an area, the home location is the link between the commuter and the area of interest. Consequently, trip purpose categories are defined as:

- Home to work and work to home (home-based work, HB-W) trips
- Home to school and school to home (home-based school, HB-S) trips
- All other home-based (home-based discretionary, HB-D) trips
- All trips where neither trip end is the home (non-home-based, N-HB)

The magnitude of the trips made to the area gives an indication of the attraction of land use in the area. The destination purposes are defined as:

- Work
- School
- Home
- Other, such as for shopping, entertainment, etc.

Mode of Travel

The travel mode categories are:

- Automobile driver
- Automobile passenger
- Local transit
- GO Train
- Walk and Bicycle
- Other, which includes motorcycle, taxi, school bus and other modes

Local transit includes all trips by public transit that do not include the use of GO Train for any part of the trip.

In general, only those walk trips to and from work or school were recorded.

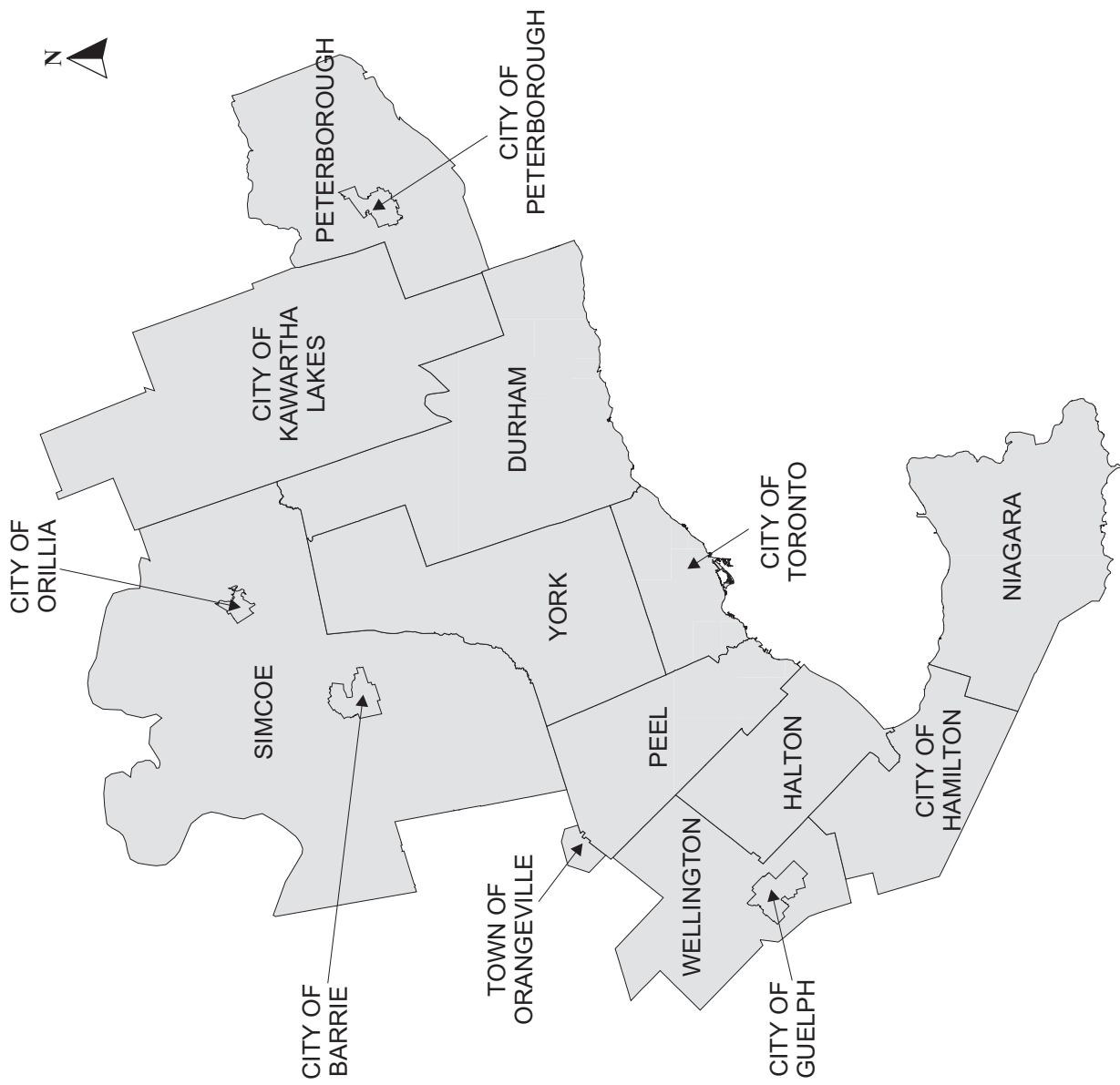
Trips Made by Residents of an Area

In addition to the travel information by trip purpose and travel mode, the summary tables also include statistics on the percentage of internal trips and median trip lengths.

The percentage of trips made entirely within an area by residents of the same area is a measure of the degree of self-containment for the area of interest. The percentages are calculated for the 24-hour period and the 3-hour morning peak period.

Median trip length is calculated as the trip distance where 50 percent of the trips are longer and 50 percent are shorter. Trip length is measured as the straight line distance between origin and destination points. The figures presented are by travel modes for the 24-hour period.

TRANSPORTATION TOMORROW SURVEY AREA



AREA SUMMARIES

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 1,975,200

Dwelling Type House 61% Townhouse 5% Apartment 34%

Household Size (persons) 1 21% 2 30% 3 18% 4 19% 5+ 11%

No. of Available Vehicles 0 16% 1 40% 2 34% 3 7% 4+ 2%

Household Averages Persons 2.7 Workers 1.4 Drivers 1.7 Vehicles 1.4 Trips/Day 5.8

TOTAL POPULATION: 5,386,100

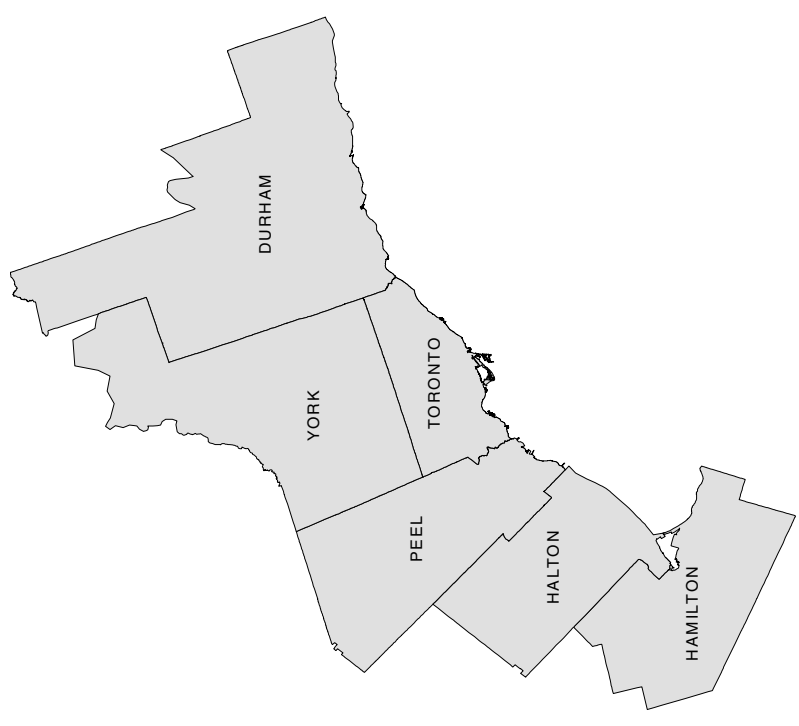
Male 2,637,200 Population 2,637,200 Transit Pass 5% Licenced Drivers 69% Student 24% Full time 47% Part time 6% Work at Home F/T 3% P/T 0%

Female 2,748,900 On survey day: Made work trip 87% 53% 39% 20%

Occupation Type Clerical 12% Manufacturing 22% Professional 45% Sales & Service 20%

Age Median 35.6 0-10 14% 11-15 7% 16-25 12% 26-45 34% 46-64 21% 65+ 12%

Daily trips/Person (age 11+): 2.5



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of the GTA

Time Period 6 - 9 a.m. Trips 2,684,700 % of 24 hr. 23.3% HB-W 52% HB-S 22% HB-D 17% N-HB 9%

24 hours 11,515,300 33% 12% 39% 15%

Percentage of trips made within district: 6-9 a.m. = 99% 24 hours = 98%

Trips Made to the GTA

Time Period 6 - 9 a.m. Trips 2,652,500 % of 24 hr. 23% Work 56% School 22% Home 5% Other 17%

24 hours 11,396,100 19% 6% 43% 32%

MODE OF TRAVEL

Trips Made by Residents of the GTA

Time Period 6 - 9 a.m. Trips 2,684,700 Auto Driver 59% Auto Passng. 12% Local Transit 14% GO Train 2% Walk & Cycle 9% Other 4%

24 hours 11,515,300 64% 16% 11% 1% 6% 2%

Median Trip Length: (kilometres) 5.5 3.8 5.6 29.9

Trips Made to the GTA

Time Period 6 - 9 a.m. Trips 2,652,500 Auto Driver 59% Auto Passng. 12% Local Transit 14% GO Train 2% Walk & Cycle 9% Other 4%

24 hours 11,396,100 64% 15% 11% 1% 6% 2%

* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 173,100

Dwelling Type	House	Townhouse	Apartment
	80%	6%	14%

Household Size (persons)	1	2	3	4	5+
	16%	32%	18%	22%	12%

No. of Available Vehicles	0	1	2	3	4+
	6%	34%	47%	10%	3%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.8	1.5	1.9	1.7	6.5

TOTAL POPULATION: 492,200

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
243,200	4%	69%	25%	48%	5%	3%	0%

Female	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
249,000	5%	65%	24%	34%	11%	2%	1%

On survey day: Made work trip 84% 51% 41% 21%

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	12%	23%	45%	19%

Age	Median	0-10	11-15	16-25	26-45	46-64	65+
36	16%	8%	11%	33%	21%	10%	

Daily trips/Person (age 11+): 2.7

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Durham Region

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	250,800	22.4%	23%	18%	9%
24 hours	1,122,100	31%	11%	42%	16%

Percentage of trips made within district: 6-9 a.m. = 68% 24 hours = 74%

Trips Made to Durham Region

Time Period	Trips	Destination Purpose			
		Work	School	Home	Other
6 - 9 a.m.	186,600	18.7%	42%	31%	7%
24 hours	995,600	12%	6%	47%	35%

MODE OF TRAVEL

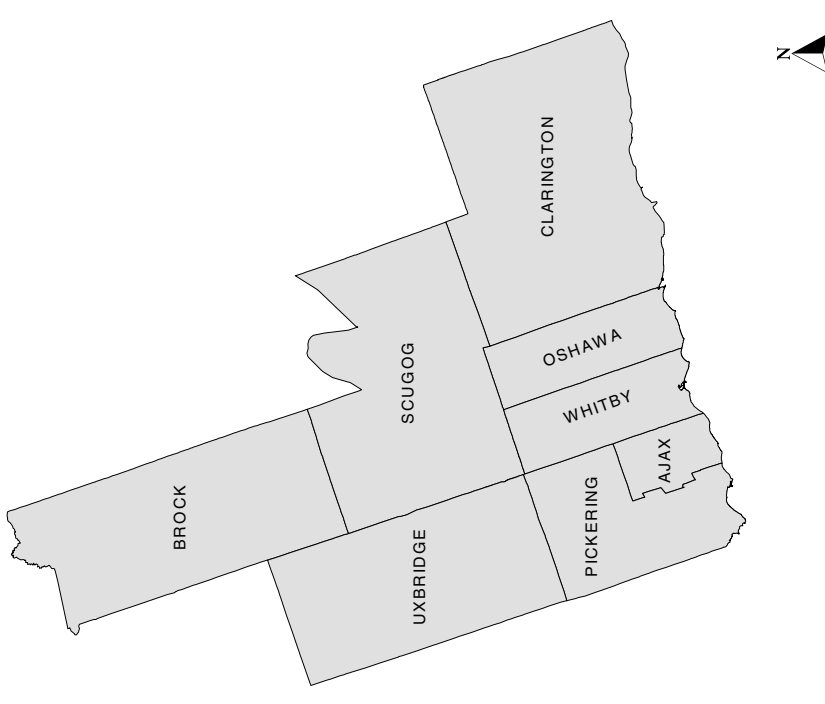
Trips Made by Residents of Durham Region

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	250,800	65%	12%	3%	4%	9%
24 hours	1,122,100	71%	16%	2%	2%	5%

Median Trip Length: (kilometres) 5.7 3.8 3.5 37.0

Trips Made to Durham Region

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	186,600	63%	13%	3%	0%	13%
24 hours	995,600	71%	17%	2%	1%	6%



* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 4,400

Dwelling Type House 84% Townhouse 3% Apartment 13%

Household Size (persons) 1 22% 2 43% 3 13% 4 14% 5+ 8%

No. of Available Vehicles 0 5% 1 37% 2 43% 3 12% 4+ 4%

Household Averages Persons 2.5 Workers 1.2 Drivers 1.8 Vehicles 1.8 Trips/Day 4.6

TOTAL POPULATION: 10,900

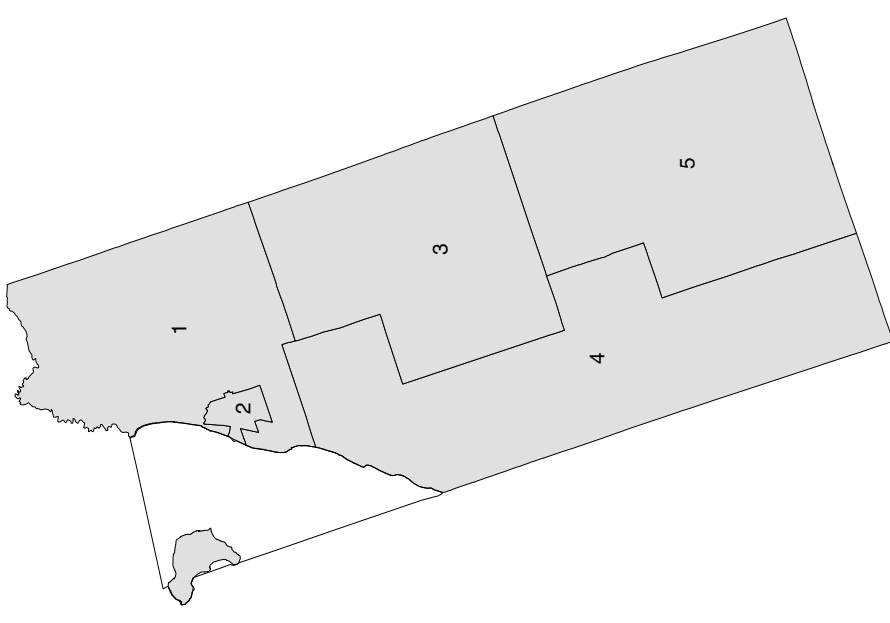
Male 5,300 Female 5,500 On survey day: Made work trip

Transit Pass * Licenced Drivers 75% Student 20% Full time 45% Part time 3% Work at Home P/T *

Occupation Clerical 11% Manufacturing 31% Professional 40% Sales & Service 18%

Age Median 38.8 0-10 15% 11-15 6% 16-25 10% 26-45 29% 46-64 25% 65+ 15%

Daily trips/Person (age 11+): 2.2



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Brock

Time Period 6 - 9 a.m. Trips 4,400 % of 24 hr. 21.6% HB-W 55% HB-S 19% HB-D 19% N-HB 6%

24 hours 20,300 34% 9% 40% 17%

Percentage of trips made within district: 6-9 a.m. = 36% 24 hours = 32%

Trips Made to Brock

Time Period 6 - 9 a.m. Trips 2,500 % of 24 hr. 17.4% Work 38% School 43% Home 9% Other 10%

24 hours 14,600 8% 8% 57% 27%

MODE OF TRAVEL

Trips Made by Residents of Brock

Time Period 6 - 9 a.m. Trips 4,400 Auto Driver 73% Auto Passng. 7% Local Transit * GO Train * Walk & Cycle 5% Other 15%

24 hours 20,300 81% 10% * * 2% 7%

Median Trip Length: (kilometres) 19.4 20.0 *

Trips Made to Brock

Time Period 6 - 9 a.m. Trips 2,500 Auto Driver 49% Auto Passng. 6% Local Transit * GO Train * Walk & Cycle 9% Other 36%

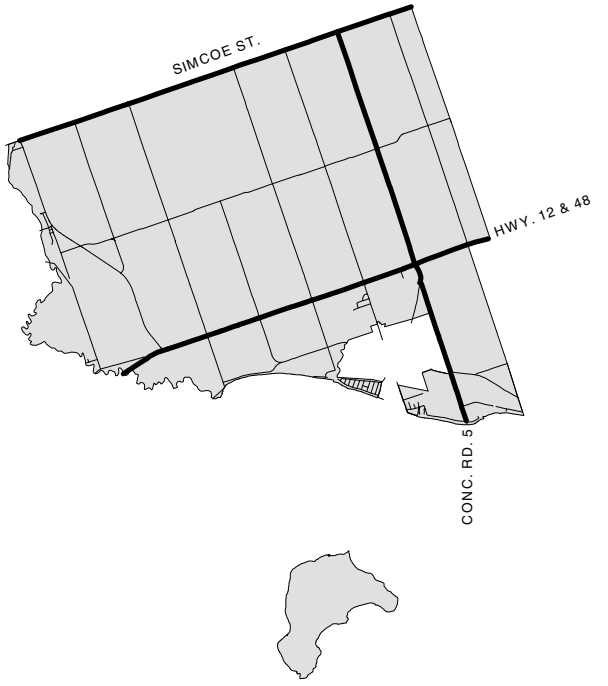
24 hours 14,600 77% 9% * * 3% 10%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:	700	
Dwelling Type	House 78%	Townhouse 11%
Household Size (persons)	1	2
	22%	53%
No. of Available Vehicles	0	1
	*	42%
Household Averages	Persons	Workers
	2.2	1.0
Household Averages	Drivers	Vehicles
	1.8	1.6
Household Averages	Trips/Day	Trips/Day
	4.3	4.3

TOTAL POPULATION:	1,600	
Male	Population 700	Licenced Drivers 84%
Female	800	81%
Occupation Type	On survey day:	Made work trip
	Clerical	11%
Age	Median	46.6
	Daily trips/Person (age 11+):	2.2



TRAVEL PATTERNS

TRIP PURPOSE	Trips Made by Residents of Ward 1	
Time Period	Trips	% of 24 hr.
6 - 9 a.m.	500	16.1%
24 hours	3,100	27%
Percentage of trips made within district: 6-9 a.m. = 11% 24 hours = 5%		
Trips Made to Ward 1	Destination Purpose	
Time Period	Trips	% of 24 hr.
6 - 9 a.m.	100	5.3%
24 hours	1,900	4%

MODE OF TRAVEL	Trips Made by Residents of Ward 1	
Time Period	Trips	Auto Driver
6 - 9 a.m.	500	81%
24 hours	3,100	85%
Median Trip Length: (kilometres)		
6 - 9 a.m.	100	70%
24 hours	1,900	84%

* is used to denote categories that have less than four observations or survey records

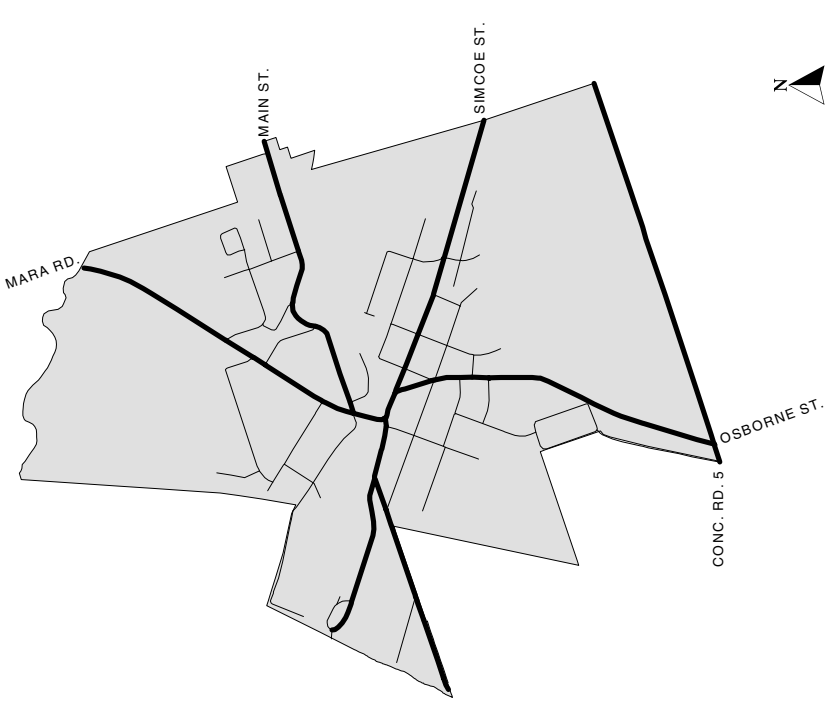


DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:		800	
Dwelling Type	House 90%	Townhouse *	Apartment 10%
Household Size (persons)	1	2	3
	32%	29%	13%
No. of Available Vehicles	0	1	2
	*	50%	32%
Household Averages	Persons	Workers	Drivers
	2.4	1.1	1.8
	Vehicles	Vehicles	Trips/Day
	1.7	1.7	4.9

TOTAL POPULATION:		1,800	
Male	Population 900	Licenced Drivers 72%	Student 26%
Female	1,000	78%	14%
On survey day: Made work trip			
Occupation Type	Clerical 10%	Manufacturing 24%	Professional 42%
Age	Median 41.0	0-10 13%	11-15 5%
		16-25 17%	26-45 23%
		46-64 27%	65+ 14%
Daily trips/Person (age 11+): 2.3			

Employment Status	
Full time	37%
Part time	*
Work at Home	F/T
	P/T
	*



TRAVEL PATTERNS

TRIP PURPOSE	
Trips Made by Residents of Ward 2	
Time Period 6 - 9 a.m.	Trips 800
24 hours	3,700
Percentage of trips made within district: 6-9 a.m. = 27% 24 hours = 30%	
Trips Made to Ward 2	
Time Period 6 - 9 a.m.	Trips 500
24 hours	3,100

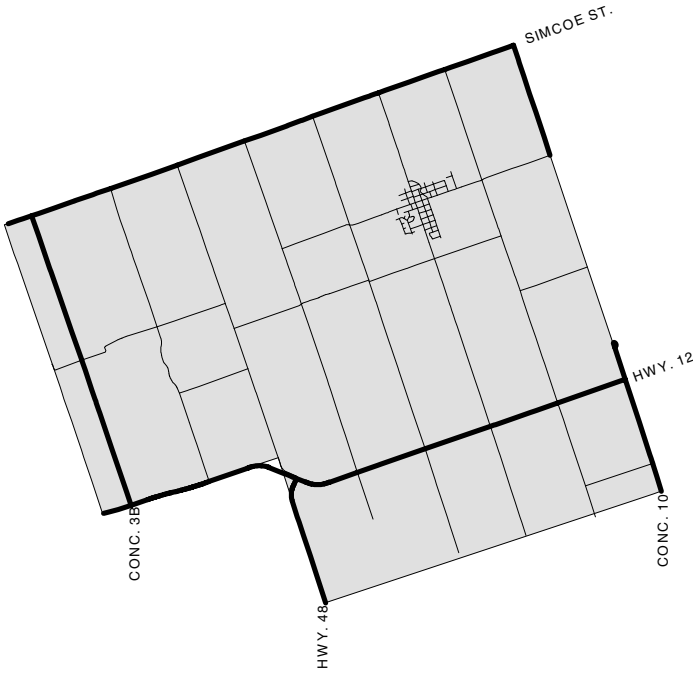
MODE OF TRAVEL	
Trips Made by Residents of Ward 2	
Time Period 6 - 9 a.m.	Trips 800
24 hours	3,700
Median Trip Length: (kilometres) 10.5	
Trips Made to Ward 2	
Time Period 6 - 9 a.m.	Trips 500
24 hours	3,100

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:	1,100				
Dwelling Type	House	Townhouse			Apartment
	85%	*	*		15%
Household Size (persons)	1	2	3	4	5+
	22%	48%	*	15%	9%
No. of Available Vehicles	0	1	2	3	4+
	*	38%	41%	17%	*
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.4	1.1	1.8	1.8	4.0

TOTAL POPULATION:	2,800				
Male	Population	Transit Pass	Licensed Drivers	Student	Employment Status
	1,300	*	79%	17%	Full time 47% Part time * Work at Home F/T * P/T *
Female	1,500	*	68%	16%	7% * 80% * * * * *
	On survey day: Made work trip				
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service	
	10%	22%	48%	21%	
Age	Median	0-10	11-15	16-25	26-45
	37.1	17%	6%	8%	20%
Daily trips/Person (age 11+): 2.0					



TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Ward 3				
Time Period	Trips	% of 24 hr.	HB-W	HB-S	HB-D	N-HB
	1,000	21.7%	64%	22%	8%	*
24 hours	4,600	35%	9%	38%	18%	
Percentage of trips made within district: 6-9 a.m. = 24% 24 hours = 21%						
Trips Made to Ward 3		Destination Purpose				
Time Period	Trips	% of 24 hr.	Work	School	Home	Other
	800	22.9%	33%	64%	*	*
24 hours	3,500	10%	14%	53%	23%	

MODE OF TRAVEL		Trips Made by Residents of Ward 3				
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
	1,000	74%	*	*	*	16%
24 hours	4,600	81%	10%	*	*	7%
Median Trip Length: (kilometres) 22 25 *						
Trips Made to Ward 3		Mode of Travel				
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
	800	38%	*	*	*	51%
24 hours	3,500	73%	10%	*	*	15%

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TOWNSHIP OF BROCK - WARD 4

DEMOGRAPHIC CHARACTERISTICS

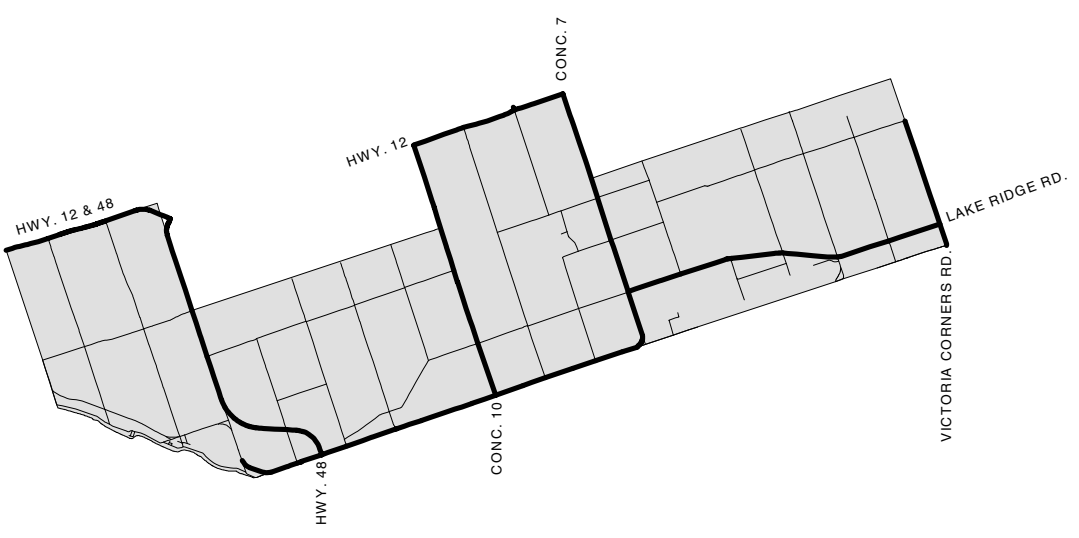
TOTAL NUMBER OF HOUSEHOLDS:	800			
Dwelling Type	House 97%	Townhouse *	Apartment *	
Household Size (persons)	1	2	3	4
	10%	45%	22%	20%
No. of Available Vehicles	0	1	2	3
	*	28%	53%	13%
Household Averages	Persons	Workers	Drivers	Vehicles
	2.7	1.6	2.0	2.0
				Trips/Day
				4.7

TOTAL POPULATION:	2,100			
Male	Population 1,100	Licenced Drivers 76%	Student 24%	Employment Status Full time 48%
Female	1,000	79%	15%	Part time 8%
	On survey day: Made work trip			
		85%		Work at Home F/T 11%
Occupation Type	Clerical 14%	Manufacturing 36%	Professional 38%	Sales & Service 13%
Age	Median 37.7	0-10 15%	11-15 7%	16-25 9%
		26-45 30%	46-64 33%	65+ 6%
Daily trips/Person (age 11+):	2.1			

TRAVEL PATTERNS

TRIP PURPOSE				
Trips Made by Residents of Ward 4				
Time Period 6 - 9 a.m.	Trips 1,000	% of 24 hr. 27.0%	HB-W 60%	N-HB 8%
24 hours	3,700		45%	13%
Percentage of trips made within district: 6-9 a.m. = 0% 24 hours = 0%				
Trips Made to Ward 4				
Time Period 6 - 9 a.m.	Trips 600	% of 24 hr. 23.1%	Work 29%	Home 53%
24 hours	2,600		7%	19%

MODE OF TRAVEL				
Trips Made by Residents of Ward 4				
Time Period 6 - 9 a.m.	Trips 1,000	Auto Driver 80%	Auto Passng. *	Local Transit *
24 hours	3,700	83%	10%	5%
Median Trip Length: (kilometres)				
		31.3	37.2	*
Trips Made to Ward 4				
Time Period 6 - 9 a.m.	Trips 600	Auto Driver 41%	Auto Passng. *	Local Transit *
24 hours	2,600	73%	12%	14%



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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 1,000

Dwelling Type	House 74%	Townhouse *	Apartment 22%
Household Size (persons)	1 24%	2 38%	3 14%
	4 12%	5+ 12%	

No. of Available Vehicles	0 12%	1 32%	2 42%	3 10%	4+ *
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Household Averages	Persons 2.6	Workers 1.3	Drivers 1.7	Vehicles 1.6	Trips/Day 5.3
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TOTAL POPULATION: 2,600

Male	Population 1,400	Transit Pass *	Licensed Drivers 68%	Student 25%	Full time 46%	Part time *	Work at Home F/T *	P/T *
Female	1,200	*	63%	15%	27%	13%	*	*

On survey day: Made work trip 85%
Professional 31%
Sales & Service 19%

Occupation Type	Clerical 11%	Manufacturing 39%	Professional 31%	Sales & Service 19%
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Age	Median 36.8	0-10 18%	11-15 7%	16-25 9%	26-45 33%	46-64 19%	65+ 15%
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Daily trips/Person (age 11+): 2.5

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 5

Time Period 6 - 9 a.m.	Trips 1,100	% of 24 hr. 20.8%	Trip Purpose Category			
			HB-W 53%	HB-S 22%	HB-D 20%	N-HB *
24 hours	5,300	32%	9%	40%	18%	

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 20%

Trips Made to Ward 5

Time Period 6 - 9 a.m.	Trips 600	% of 24 hr. 16.7%	Destination Purpose		
			Work 40%	School 37%	Home 17%
24 hours	3,600	7%	6%	61%	26%

MODE OF TRAVEL

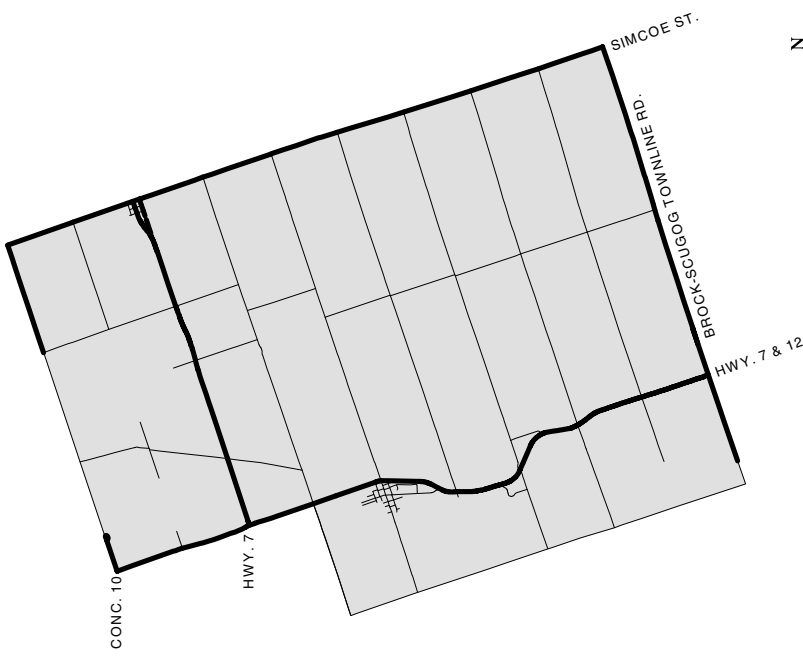
Trips Made by Residents of Ward 5

Time Period 6 - 9 a.m.	Trips 1,100	Auto Driver 65%	Auto Passng. *	Local Transit *	GO Train *	Walk & Cycle 11%	Other 22%

Median Trip Length: (kilometres)
19.5 17.5 *

Trips Made to Ward 5

Time Period 6 - 9 a.m.	Trips 600	Auto Driver 50%	Auto Passng. *	Local Transit *	GO Train *	Walk & Cycle 20%	Other 30%

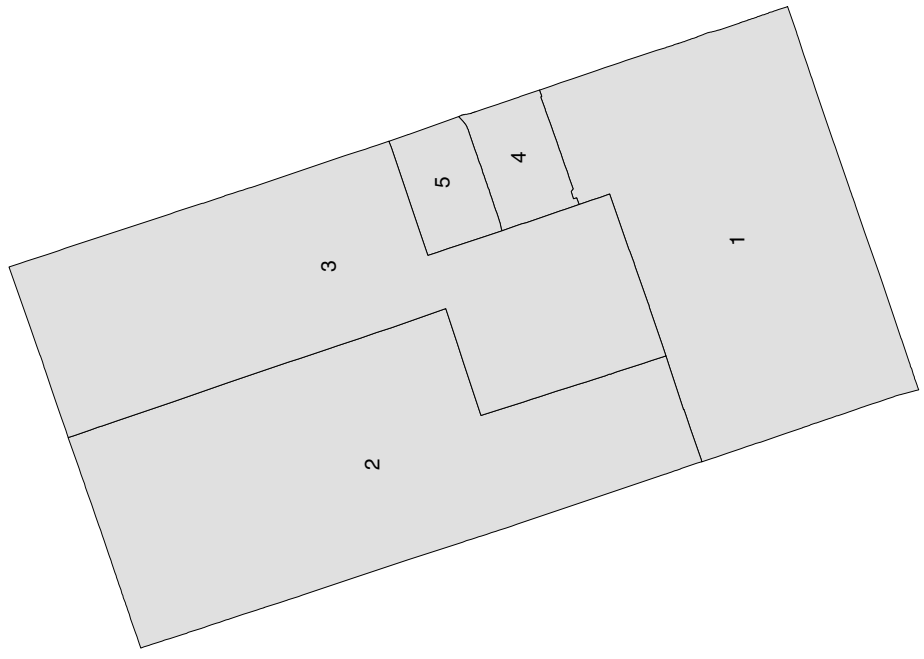


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DEMOGRAPHIC CHARACTERISTICS									
TOTAL NUMBER OF HOUSEHOLDS:					5,700				
Dwelling Type	House	Townhouse			Apartment				
	92%	4%	4%		4%				
Household Size (persons)	1	2	3	4	5+				
	14%	36%	17%	21%	12%				
No. of Available Vehicles	0	1	2	3	4+				
	4%	28%	48%	13%	8%				
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day				
	2.9	1.4	2.0	2.0	6.2				
TOTAL POPULATION:					16,300				
Male	Population	Licenced Drivers	Student	Full time	Part time	Work at Home			
	8,100	69%	24%	44%	5%	3%			
Female	Population	Licenced Drivers	Student	Full time	Part time	Work at Home			
	8,200	73%	22%	33%	11%	2%			
On survey day: Made work trip					86%	34%			
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service					
	12%	21%	48%	20%					
Age	Median	0-10	11-15	16-25	26-45	46-64	65+		
	38.3	17%	7%	10%	31%	23%	12%		
Daily trips/Person (age 11+):					2.6				



TRAVEL PATTERNS													
TRIP PURPOSE					MODE OF TRAVEL								
Trips Made by Residents of Uxbridge					Trips Made by Residents of Uxbridge								
Time Period	Trips	% of 24 hr.	HB-W	HB-S	HB-D	N-HB	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
	6 - 9 a.m.	8,300	23.3%	52%	19%	18%		8,300	74%	12%	*	1%	5%
24 hours	35,700	32%	10%	43%	15%	35,700	77%	14%	*	1%	4%	4%	
Percentage of trips made within district: 6-9 a.m. = 43% 24 hours = 48%					Median Trip Length: (kilometres)					12.0	7.4	*	54.0
Trips Made to Uxbridge					Trips Made to Uxbridge								
Time Period	Trips	% of 24 hr.	Work	School	Home	Other	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
	6 - 9 a.m.	5,600	18.1%	38%	29%	7%		5,600	64%	16%	*	*	8%
24 hours	30,900	10%	6%	49%	35%	30,900	74%	16%	0%	0%	5%	4%	

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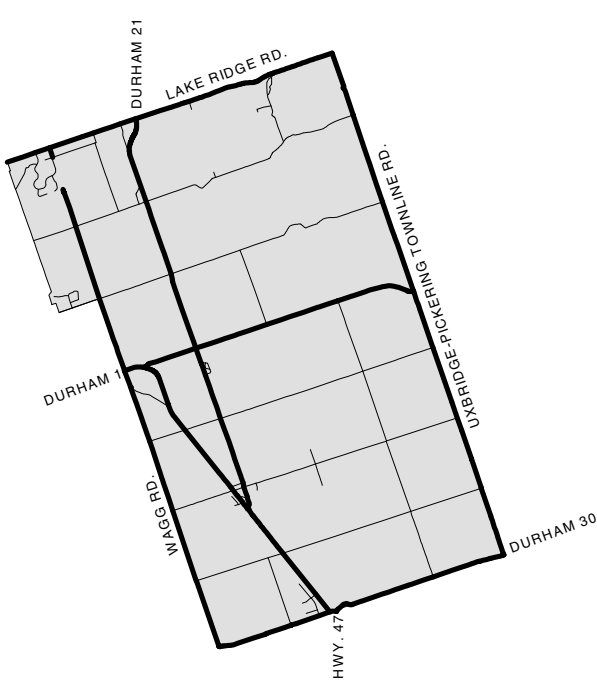


TOWNSHIP OF UXBRIDGE - WARD 1

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:		700	
Dwelling Type	House 100%	Townhouse *	Apartment *
Household Size (persons)	1	2	3
	24%	35%	12%
No. of Available Vehicles	0	1	2
	*	23%	57%
Household Averages	Persons	Workers	Drivers
	2.6	1.3	1.9
	Vehicles	Vehicles	Trips/Day
	2.0	2.0	4.9

TOTAL POPULATION:		1,700	
Male	Population 1,000	Transit Pass *	Licenced Drivers 70%
Female	800	*	78%
	On survey day:	Made work trip	
Occupation Type	Clerical 11%	Manufacturing 25%	Professional 37%
	Sales & Service 27%		
Age	Median 41.0	0-10 22%	11-15 *
	Daily trips/Person (age 11+):	2.4	
	Full time 49%	Part time *	Work at Home F/T *
	Student 14%		
	26-45 28%	46-64 29%	65+ 11%



TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Ward 1	
Time Period 6 - 9 a.m.	Trips 700	% of 24 hr. 21.2%	Trips 700
24 hours	3,300	43%	3,300
Percentage of trips made within district:	6-9 a.m. =	8%	24 hours =
		8%	4%
Trips Made to Ward 1		Trips Made to Ward 1	
Time Period 6 - 9 a.m.	Trips 500	% of 24 hr. 18.5%	Trips 500
24 hours	2,700	19%	2,700
		3%	
		51%	
		27%	

MODE OF TRAVEL		Trips Made by Residents of Ward 1	
Time Period 6 - 9 a.m.	Trips 700	Auto Driver 89%	Auto Passng. *
24 hours	3,300	93%	4%
Median Trip Length: (kilometres)	14	4.2	*
Trips Made to Ward 1		Trips Made to Ward 1	
Time Period 6 - 9 a.m.	Trips 500	Auto Driver 76%	Auto Passng. 17%
24 hours	2,700	86%	11%
		*	*
		*	*
		*	3%

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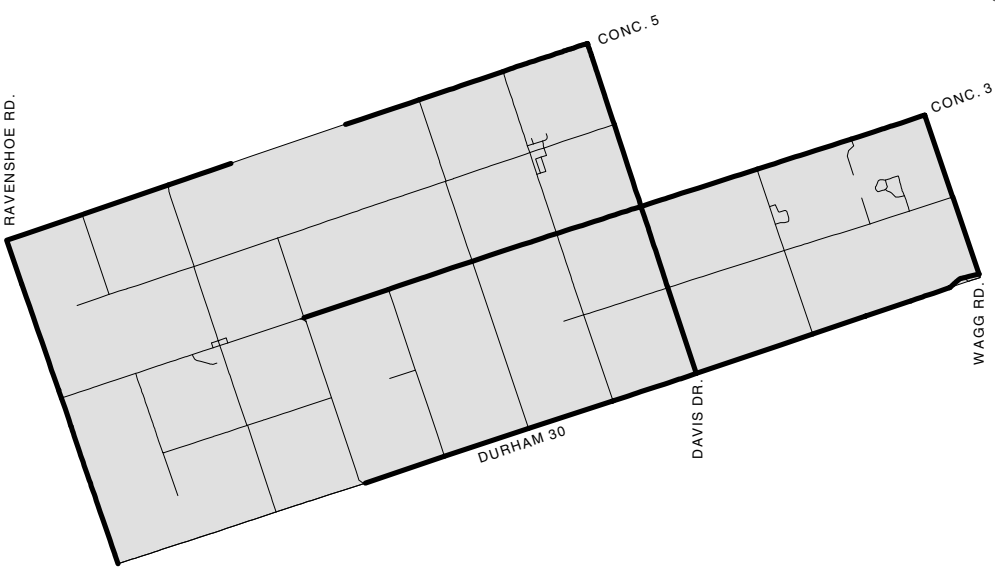
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TOWNSHIP OF UXBRIDGE - WARD 2

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:		600	
Dwelling Type	House 98%	Townhouse *	Apartment *
Household Size (persons)	1 *	2 33%	3 20%
		4 25%	5+ 14%
No. of Available Vehicles	0 *	1 18%	2 43%
		3 25%	4+ *
Household Averages	Persons 3.0	Workers 1.5	Drivers 2.2
		Vehicles 2.1	Trips/Day 6.5

TOTAL POPULATION:		1,700	
Male	Population 800	Transit Pass *	Licenced Drivers 72%
Female	900	*	72%
	On survey day:	Made work trip	
Occupation Type	Clerical *	Manufacturing 17%	Professional 58%
		Sales & Service 20%	
Age	Median 40.1	0-10 13%	11-15 6%
		16-25 12%	26-45 30%
		46-64 31%	65+ 7%
Daily trips/Person (age 11+):	2.5		



TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Ward 2			
Time Period 6 - 9 a.m.	Trips 1,000	% of 24 hr. 26.3%	HB-W 48%	HB-S 18%	N-HB 13%
24 hours	3,800	33%	9%	42%	16%
Percentage of trips made within district: 6-9 a.m. = 10% 24 hours = 7%					
Trips Made to Ward 2		Destination Purpose			
Time Period 6 - 9 a.m.	Trips 400	% of 24 hr. 16.7%	Work 34%	School 29%	Home 27%
24 hours	2,400	7%	5%	67%	21%

MODE OF TRAVEL		Trips Made by Residents of Ward 2			
Time Period 6 - 9 a.m.	Trips 1,000	Auto Driver 67%	Auto Passng. 18%	Local Transit *	GO Train *
24 hours	3,800	70%	20%	2%	8%
Median Trip Length: (kilometres) 18.1 14.8 *					
Trips Made to Ward 2		Mode of Travel			
Time Period 6 - 9 a.m.	Trips 400	Auto Driver 67%	Auto Passng. 16%	Local Transit *	GO Train *
24 hours	2,400	68%	20%	*	10%

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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 700

Dwelling Type House 98% Townhouse * Apartment *

Household Size (persons) 1 2 3 4 5+
 * 33% 23% 24% 14%

No. of Available Vehicles 0 1 2 3 4+
 * 15% 53% 19% 14%

Household Averages Persons 3.1 Workers 1.7 Drivers 2.3 Vehicles 2.3 Trips/Day 7.1

TOTAL POPULATION: 2,100

Male 1,100 Female 1,000 On survey day: Made work trip

Transit Pass * Licenced Drivers 68% Student 30% Full time 42% Part time * Work at Home P/T *

Occupation Clerical 13% Manufacturing 27% Professional 41% Sales & Service 19%

Age Median 35.8 0-10 12% 11-15 12% 16-25 15% 26-45 32% 46-64 22% 65+ 8%

Daily trips/Person (age 11+): 2.6



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m. Trips 1,300 % of 24 hr. 26.5% HB-W 51% HB-S 26% HB-D 12% N-HB 11%

24 hours 4,900 33% 14% 40% 13%

Percentage of trips made within district: 6-9 a.m. = 1% 24 hours = 6%

Trips Made to Ward 3

Time Period 6 - 9 a.m. Trips 400 % of 24 hr. 9.1% Work 44% School * Home * Other 48%

24 hours 4,400 7% * 49% 44%

MODE OF TRAVEL

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m. Trips 1,300 Auto Driver 69% Auto Passng. 12% Local Transit * GO Train * Walk & Cycle * Other 17%

24 hours 4,900 72% 18% * * * 10%

Median Trip Length: (kilometres) 14 12.2 *

Trips Made to Ward 3

Time Period 6 - 9 a.m. Trips 400 Auto Driver 91% Auto Passng. * Local Transit * GO Train * Walk & Cycle * Other *

24 hours 4,400 77% 16% * * * 6%

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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 2,200

Dwelling Type	House	Townhouse	Apartment
	88%	8%	4%

Household Size (persons)	1	2	3	4	5+
	20%	36%	16%	19%	9%

No. of Available Vehicles	0	1	2	3	4+
	5%	39%	40%	12%	5%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.6	1.3	1.9	1.7	5.9

TOTAL POPULATION: 5,700

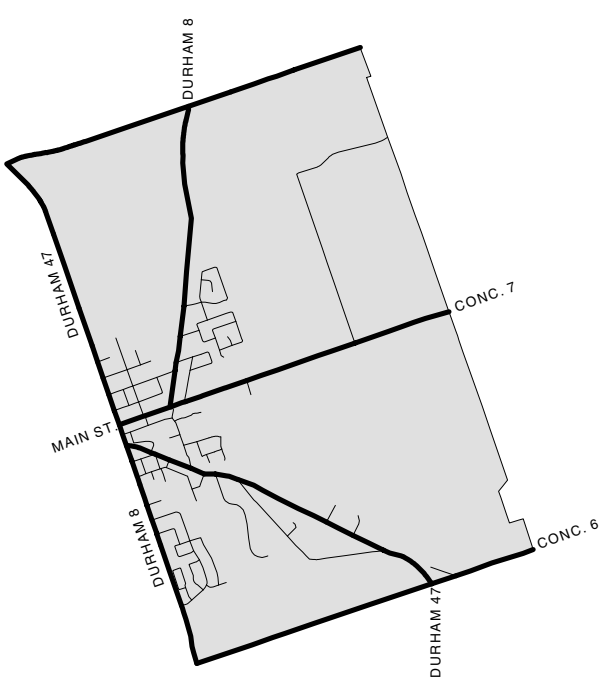
Male	Population 2,900	Transit Pass *	Licenced Drivers 67%	Student 24%	Employment Status			
					Full time 43%	Part time 5%	Work at Home F/T	Work at Home P/T
Female	2,800	*	74%	19%	33%	10%	2%	2%

On survey day: Made work trip

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	15%	19%	45%	21%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	16%	7%	9%	29%	23%	16%

Daily trips/Person (age 11+): 2.7



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 4

Time Period 6 - 9 a.m.	Trips 2,800	Trip Purpose Category				N-HB 11%
		HB-W 53%	HB-S 19%	HB-D 17%	HB-HB 11%	
24 hours	12,800	31%	9%	45%	14%	

Percentage of trips made within district: 6-9 a.m. = 28% 24 hours = 28%

Trips Made to Ward 4

Time Period 6 - 9 a.m.	Trips 3,300	Destination Purpose			Other 23%
		Work 31% <th>School 41% <th>Home 4% </th></th>	School 41% <th>Home 4% </th>	Home 4%	
24 hours	13,700	12%	10%	40%	38%

MODE OF TRAVEL

Trips Made by Residents of Ward 4

Time Period 6 - 9 a.m.	Trips 2,800	Mode of Travel					
		Auto Driver 75%	Auto Passng. 10%	Local Transit *	GO Train *	Walk & Cycle 8%	Other 7%
24 hours	12,800	76%	14%	*	1%	5%	3%

Median Trip Length: (kilometres)
9.6 1.8 * 54.3

Trips Made to Ward 4

Time Period 6 - 9 a.m.	Trips 3,300	Mode of Travel					
		Auto Driver 52%	Auto Passng. 19%	Local Transit *	GO Train *	Walk & Cycle 13%	Other 15%
24 hours	13,700	71%	17%	*	1%	6%	5%

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TOWNSHIP OF UXBRIDGE - WARD 5

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 1,600

Dwelling Type House 89% Townhouse * Apartment 8%

Household Size (persons) 1 7% 2 39% 3 15% 4 23% 5+ 15%

No. of Available Vehicles 0 * 1 24% 2 54% 3 11% 4+ 9%

Household Averages Persons 3.1 Workers 1.5 Drivers 2.1 Vehicles 2.1 Trips/Day 6.7

TOTAL POPULATION: 5,000

Male Population 2,400 Transit Pass * Licenced Drivers 71% Student 28% Full time 45% Part time 7% Work at Home P/T *

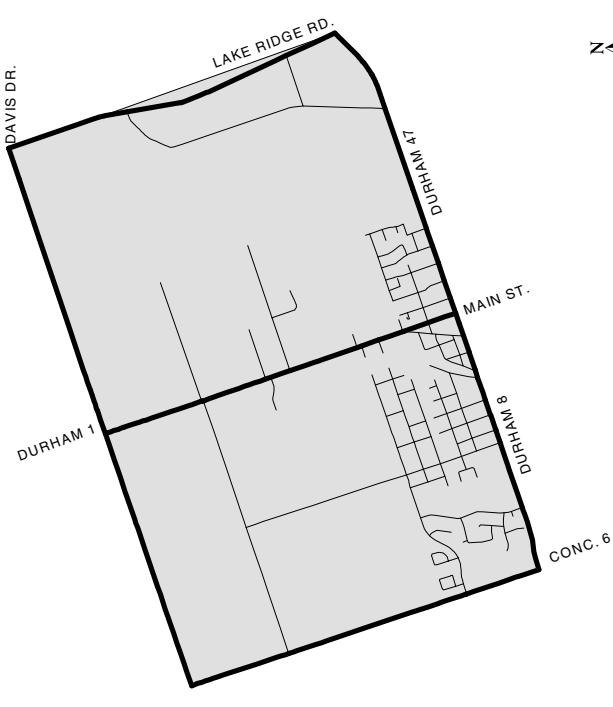
Female 2,700 * 67% 25% 30% 12% 3%

On survey day: Made work trip 82% * *

Occupation Type Clerical 10% Manufacturing 20% Professional 55% Sales & Service 15%

Age Median 36.8 0-10 19% 11-15 9% 16-25 9% 26-45 34% 46-64 18% 65+ 11%

Daily trips/Person (age 11+): 2.7



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 5

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	2,500	22.9%	19%	24%	14%
24 hours	10,900	29%	11%	45%	15%

Percentage of trips made within district: 6-9 a.m. = 10% 24 hours = 10%

Trips Made to Ward 5

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	900	11.5%	8%	33%
24 hours	7,800	8%	1%	59%

MODE OF TRAVEL

Trips Made by Residents of Ward 5

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	2,500	73%	13%	*	9%	3%
24 hours	10,900	77%	14%	1%	*	7%

Median Trip Length: (kilometres) 3.6 2.3 13

Trips Made to Ward 5

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	900	85%	8%	*	*	*
24 hours	7,800	77%	14%	*	*	2%

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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,400

Dwelling Type House 92% Townhouse 1% Apartment 7%

Household Size (persons) 1 16% 2 38% 3 16% 4 19% 5+ 12%

No. of Available Vehicles 0 2% 1 26% 2 47% 3 16% 4+ 9%

Household Averages Persons 2.8 Workers 1.5 Drivers 2.1 Vehicles 2.1 Trips/Day 6.3

TOTAL POPULATION: 20,500

Male Population 10,200 Transit Pass 1% Licenced Drivers 75% Student 21% Full time 47% Part time 4% Work at Home P/T 1%

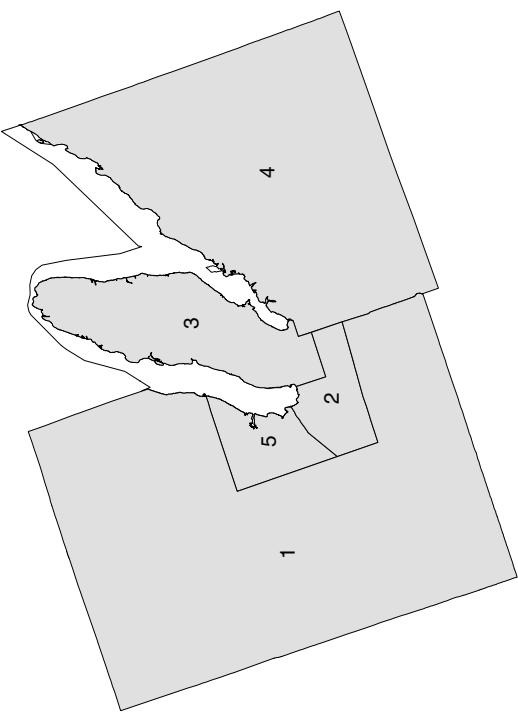
Female Population 10,300 Transit Pass 1% Licenced Drivers 74% Student 20% Full time 32% Part time 10% Work at Home P/T 2%

On survey day: Made work trip 85% 41% 47% 27%

Occupation Type Clerical 11% Manufacturing 25% Professional 43% Sales & Service 21%

Age Median 40.4 0-10 13% 11-15 7% 16-25 11% 26-45 28% 46-64 27% 65+ 14%

Daily trips/Person (age 11+): 2.6



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Scugog

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	9,600	20.6%	22%	16%	9%
24 hours	46,500	32%	10%	41%	18%

Percentage of trips made within district: 6-9 a.m. = 48% 24 hours = 49%

Trips Made to Scugog

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	6,200	16.0%	41%	34%
24 hours	38,500	10%	6%	50%

MODE OF TRAVEL

Trips Made by Residents of Scugog

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	9,600	71%	10%	*	1%	8%
24 hours	46,500	76%	15%	0%	1%	4%

Median Trip Length: (kilometres) 11.8 9.4 8.9 60.7

Trips Made to Scugog

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	6,200	60%	14%	*	*	12%
24 hours	38,500	73%	17%	*	0%	5%

* is used to denote categories that have less than four observations or survey records

TOWNSHIP OF SCUGOG - WARD 1

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:		1,500	
Dwelling Type	House	Townhouse	Apartment
	97%	*	*
Household Size (persons)	1	3	4
	13%	35%	18%
	16%	17%	17%
No. of Available Vehicles	0	1	2
	*	13%	47%
Household Averages	Persons	Workers	Drivers
	2.9	1.6	2.2
	Vehicles	Vehicles	Trips/Day
	2.4	2.4	6.9

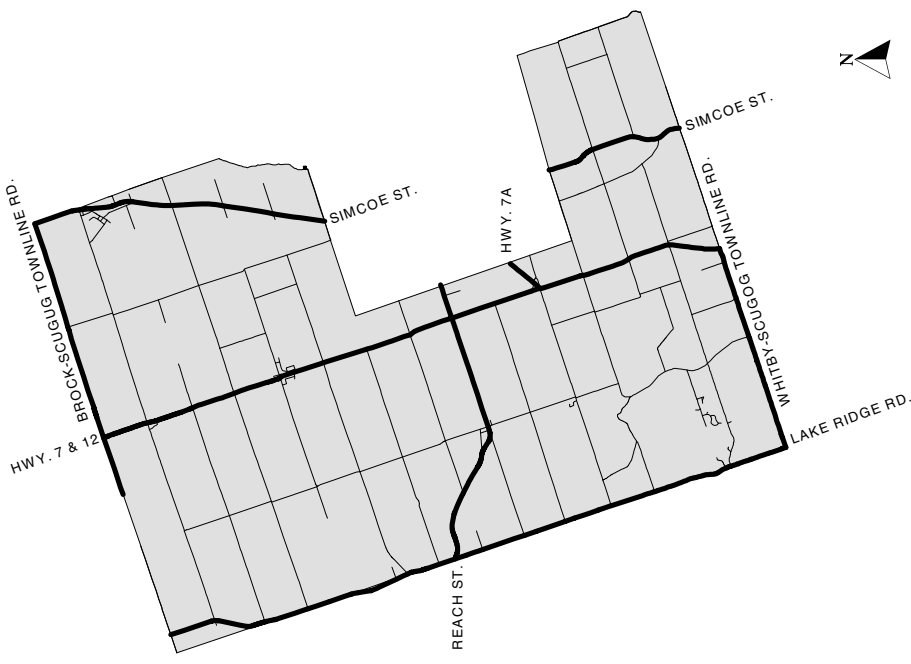
TOTAL POPULATION:		4,300	
Male	Population	Licenced Drivers	Student
	2,300	74%	24%
Female	Population	Licenced Drivers	Student
	2,000	76%	23%
On survey day: Made work trip			
Occupation Type	Clerical	Manufacturing	Professional
	12%	18%	49%
Age	Median	0-10	11-15
	39.3	13%	8%
Daily trips/Person (age 11+):	2.7	16-25	26-45
		9%	32%
		46-64	65+
		28%	10%

Employment Status	
Full time	48%
Part time	*
Work at Home	9%
F/T	*
P/T	*

TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Ward 1	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	2,200	21.8%	HB-W
			HB-S
			HB-D
			N-HB
24 hours	10,100	33%	11%
			38%
			18%
Percentage of trips made within district: 6-9 a.m. = 7% 24 hours = 8%			
Trips Made to Ward 1		Destination Purpose	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	800	12.3%	School
			Home
			Other
24 hours	6,500	10%	*
			63%
			26%

MODE OF TRAVEL		Trips Made by Residents of Ward 1	
Time Period	Trips	Auto Driver	Auto Driver
6 - 9 a.m.	2,200	72%	72%
			12%
			12%
24 hours	10,100	80%	12%
			1%
			1%
			6%
Median Trip Length: (kilometres)			
		10.8	9.7
		*	50.9
Trips Made to Ward 1		Trips Made to Ward 1	
Time Period	Trips	Auto Driver	Auto Driver
6 - 9 a.m.	800	89%	89%
			9%
			*
24 hours	6,500	82%	12%
			*
			1%
			5%



* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 1,600

Dwelling Type	House	Townhouse	Apartment
	91%	*	7%

Household Size (persons)	Household Size			
	1	2	3	4+ 5+
	21%	37%	11%	21% 11%

No. of Available Vehicles	No. of Available Vehicles			
	0	1	2	3 4+
	*	37%	43%	14% *

Household Averages	Household Averages			
	Persons	Workers	Drivers	Vehicles
	2.7	1.4	2.0	1.8
				Trips/Day 6.8

TOTAL POPULATION: 4,200

Male	Male				Female			
	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home F/T	Work at Home P/T
	2,200	*	74%	27%	44%	6%	6%	*

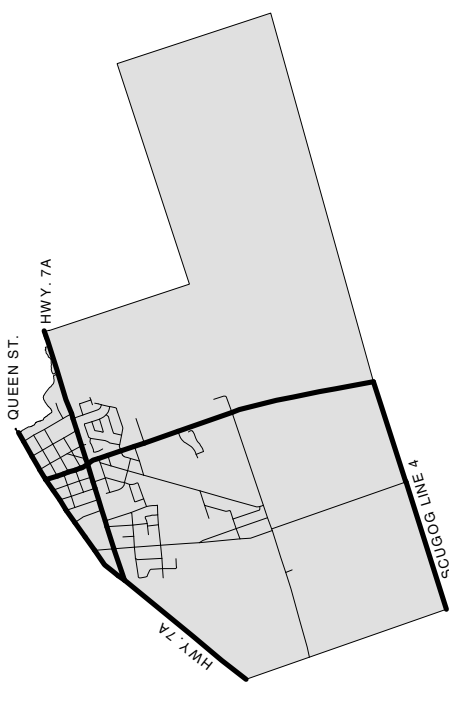
Female 2,100

On survey day: Made work trip

Occupation Type	Occupation Type			
	Clerical	Manufacturing	Professional	Sales & Service
	11%	19%	47%	24%

Age	Age			
	0-10	11-15	16-25	26-45 46-64 65+
	9%	9%	12%	28% 24% 17%

Daily trips/Person (age 11+): 2.8



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 2

Time Period	Trips	Trip Purpose Category			
		% of 24 hr.	HB-W	HB-S	HB-D N-HB
6 - 9 a.m.	2,300	21.5%	47%	27%	17% 8%
24 hours	10,700	29%	12%	43%	16%

Percentage of trips made within district: 6-9 a.m. = 7% 24 hours = 20%

Trips Made to Ward 2

Time Period	Trips	Destination Purpose			
		% of 24 hr.	Work	School	Home Other
6 - 9 a.m.	1,400	11.8%	61%	7%	7% 26%
24 hours	11,900	11%	1%	38%	50%

MODE OF TRAVEL

Trips Made by Residents of Ward 2

Time Period	Trips	Mode of Travel			
		Auto Driver	Auto Passng.	Local Transit	GO Train & Cycle
6 - 9 a.m.	2,300	64%	10%	*	20% 4%
24 hours	10,700	70%	18%	*	1% 9% 2%

Median Trip Length: (kilometres) 12.5 2.2 60

Trips Made to Ward 2

Time Period	Trips	Mode of Travel			
		Auto Driver	Auto Passng.	Local Transit	GO Train & Cycle
6 - 9 a.m.	1,400	75%	16%	*	* 7%
24 hours	11,900	73%	20%	*	* 5% 1%

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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 1,100

Dwelling Type	House 94%	Townhouse *	Apartment *
Household Size (persons)	1 15%	2 43%	3 11%
	4 20%	5+ 12%	

No. of Available Vehicles	0 *	1 17%	2 61%	3 14%	4+ 9%
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Household Averages	Persons 2.8	Workers 1.6	Drivers 2.1	Vehicles 2.2	Trips/Day 6.4
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TOTAL POPULATION: 3,200

Male	Population 1,500	Transit Pass *	Licensed Drivers 81%	Student 9%	Full time 57%	Part time 5%	Work at Home F/T *	Work at Home P/T *
Female	1,700	*	69%	21%	37%	7%	*	*

On survey day: Made work trip

Occupation Type	Clerical 11%	Manufacturing 32%	Professional 35%	Sales & Service 23%
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Age	Median 37.7	0-10 17%	11-15 5%	16-25 10%	26-45 32%	46-64 21%	65+ 15%
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Daily trips/Person (age 11+): 2.7

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m.	Trips 1,300	Trip Purpose Category				N-HB 10%
		HB-W 60%	HB-S 16%	HB-D 14%	HB-HB 10%	
24 hours	7,200	35%	6%	40%	19%	

Percentage of trips made within district: 6-9 a.m. = 10% 24 hours = 9%

Trips Made to Ward 3

Time Period 6 - 9 a.m.	Trips 200	Destination Purpose			
		Work 85%	School *	Home *	Other *
24 hours	4,500	13%	*	65%	23%

MODE OF TRAVEL

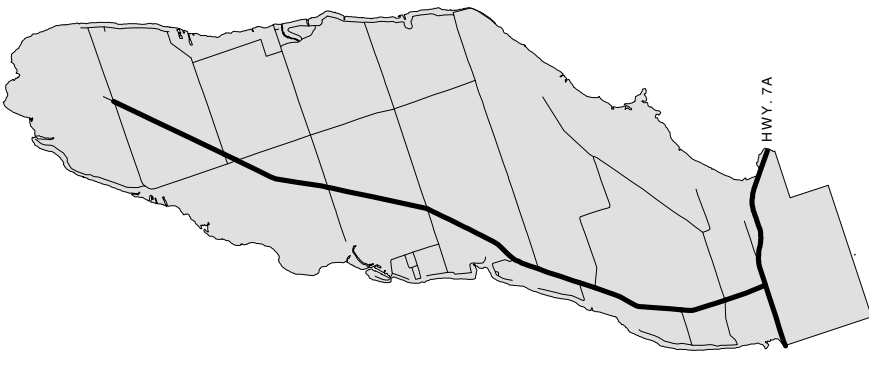
Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m.	Trips 1,300	Mode of Travel					
		Auto Driver 81%	Auto Passing 9%	Local Transit *	GO Train *	Walk & Cycle *	Other 10%
24 hours	7,200	79%	16%	*	1%	*	3%

Median Trip Length: (kilometres)
11.9 10.9 * 67.5

Trips Made to Ward 3

Time Period 6 - 9 a.m.	Trips 200	Mode of Travel					
		Auto Driver 85%	Auto Passing *	Local Transit *	GO Train *	Walk & Cycle *	Other *
24 hours	4,500	74%	22%	*	*	*	2%



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TOWNSHIP OF SCUGOG - WARD 4

DEMOGRAPHIC CHARACTERISTICS

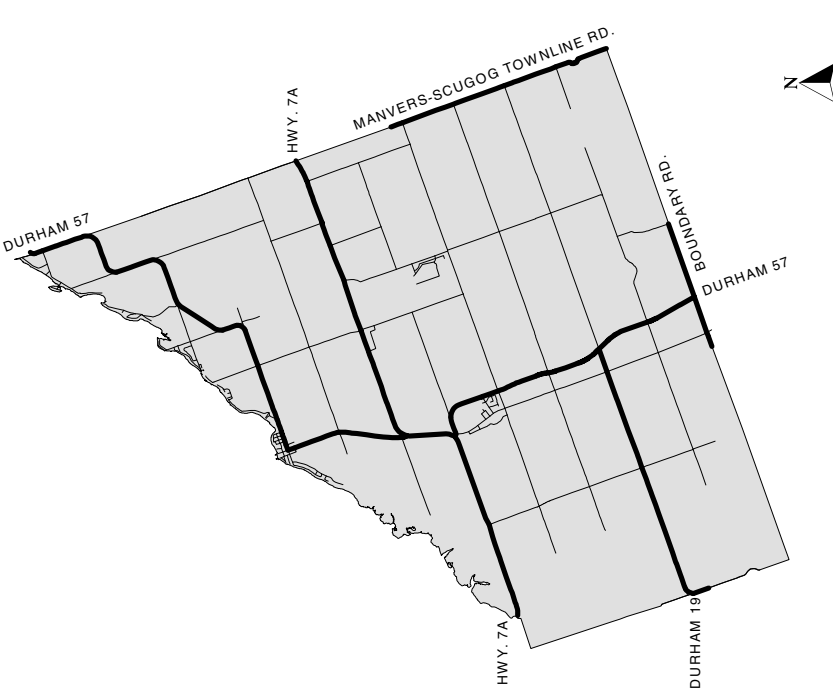
TOTAL NUMBER OF HOUSEHOLDS:	1,700				
Dwelling Type	House	Townhouse			
	95%	*			
Household Size (persons)	1	2	3	4	5+
	13%	32%	20%	26%	10%
	No. of Available Vehicles	0	1	2	3
	*	22%	43%	23%	10%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.9	1.7	2.1	2.2	6.0

TOTAL POPULATION:	4,900						
Male	Population	Licenced Drivers	Student	Employment Status			
	2,300	* 74%	19%	Full time 48%	Part time 6%	Work at Home F/T 8%	P/T *
Female	Population	Licenced Drivers	Student	Employment Status			
	2,600	* 72%	16%	Full time 36%	Part time 9%	Work at Home F/T 4%	P/T *
On survey day: Made work trip		84%	42%	47%			
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service			
	12%	32%	35%	22%			
Age	Median	0-10	11-15	16-25	26-45	46-64	65+
	35.7	15%	7%	14%	29%	27%	8%
Daily trips/Person (age 11+):		2.4					

TRAVEL PATTERNS

TRIP PURPOSE		
Trips Made by Residents of Ward 4		
Time Period	Trips	% of 24 hr.
6 - 9 a.m.	2,200	22.0%
24 hours	10,000	36%
Percentage of trips made within district: 6-9 a.m. = 17% 24 hours = 11%		
Trips Made to Ward 4		
Time Period	Trips	% of 24 hr.
6 - 9 a.m.	600	11.3%
24 hours	5,300	5%

MODE OF TRAVEL		
Trips Made by Residents of Ward 4		
Time Period	Trips	Auto Driver
6 - 9 a.m.	2,200	74%
24 hours	10,000	76%
Median Trip Length: (kilometres)		
	15.9	10.9
Trips Made to Ward 4		
Time Period	Trips	Auto Driver
6 - 9 a.m.	600	52%
24 hours	5,300	73%



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TOWNSHIP OF SCUGOG - WARD 5

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:		1,500	
Dwelling Type	House	Townhouse	Apartment
	84%	*	15%
Household Size (persons)	1	2	3
	16%	43%	17%
No. of Available Vehicles	0	1	2
	5%	36%	45%
Household Averages	Persons	Workers	Drivers
	2.6	1.1	2.0
	Vehicles	Vehicles	Trips/Day
	1.7	1.7	5.7

TOTAL POPULATION:		3,900	
Male	Population	Licenced Drivers	Student
	1,900	* 76%	21%
Female	Population	Licenced Drivers	Student
	2,000	* 76%	20%
On survey day: Made work trip			
Occupation Type	Clerical	Manufacturing	Professional
	7%	26%	52%
Age	Median	0-10	11-15
	46.8	12%	6%
Daily trips/Person (age 11+):	2.4	16-25	26-45
		7%	20%
Employment Status			
	Full time	Part time	Work at Home
	39%	* 9%	* 3%
	81%	43%	* 3%

TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Ward 5	
Time Period	Trips	% of 24 hr.	Trip Purpose Category
6 - 9 a.m.	1,500	17.6%	HB-W
			HB-S
			HB-D
			N-HB
24 hours	8,500	25%	19%
			19%
			10%
Percentage of trips made within district: 6-9 a.m. = 34% 24 hours = 27%			
Trips Made to Ward 5		Destination Purpose	
Time Period	Trips	% of 24 hr.	Work
6 - 9 a.m.	3,200	31.4%	School
			Home
			Other
24 hours	10,200	12%	17%
			36%
			35%

MODE OF TRAVEL		Trips Made by Residents of Ward 5	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	1,500	67%	13%
			16%
			77%
24 hours	8,500	77%	16%
			1%
Median Trip Length: (kilometres)			
		4	2
Trips Made to Ward 5			
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	3,200	45%	14%
			17%
			67%
24 hours	10,200	67%	17%
			8%
			9%
			21%



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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 27,100

Dwelling Type House Townhouse Apartment
 85% 6% 9%

Household Size (persons) 1 2 3 4 5+
 12% 26% 20% 27% 15%

No. of Available Vehicles 0 1 2 3 4+
 3% 29% 51% 13% 4%

Household Averages Persons Workers Drivers Vehicles Trips/Day
 3.1 1.7 2.1 1.9 7.2

TOTAL POPULATION: 84,300

Male Population Transit Pass Licenced Drivers Student Full time Part time Work at Home P/T
 41,700 5% 69% 26% 49% 5% 3% 1%

Female 42,600 6% 64% 25% 37% 11% 2% 1%

On survey day: Made work trip 85% 52% 42% 27%

Occupation Type Clerical Manufacturing Professional Sales & Service
 14% 18% 50% 18%

Age Median 0-10 11-15 16-25 26-45 46-64 65+
 35.6 16% 9% 11% 33% 23% 8%

Daily trips/Person (age 11+): 2.8

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Pickering

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	47,500	24.2%	22%	19%	10%
24 hours	196,500	31%	12%	41%	16%

Percentage of trips made within district: 6-9 a.m. = 38% 24 hours = 43%

Trips Made to Pickering

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	34,400	19.8%	25%	7%
24 hours	174,100	14%	5%	47%

MODE OF TRAVEL

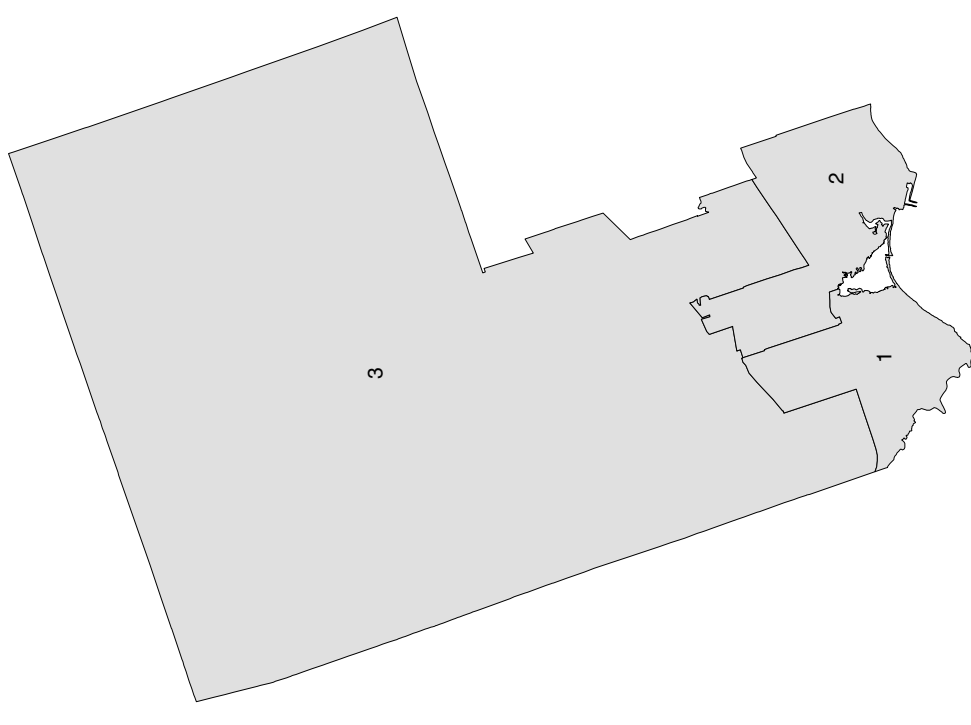
Trips Made by Residents of Pickering

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	47,500	66%	11%	3%	6%	8%
24 hours	196,500	71%	15%	2%	4%	5%

Median Trip Length: (kilometres) 7.4 3.8 4.7 29.6

Trips Made to Pickering

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	34,400	70%	12%	2%	1%	11%
24 hours	174,100	72%	16%	2%	2%	6%



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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 9,300

Dwelling Type House 93% Townhouse 3% Apartment 4%

Household Size (persons) 1 9% 2 23% 3 23% 4 28% 5+ 18%

No. of Available Vehicles 0 2% 1 23% 2 56% 3 14% 4+ 4%

Household Averages Persons 3.3 Workers 1.8 Drivers 2.2 Vehicles 2.0 Trips/Day 7.7

TOTAL POPULATION: 30,600

Male Population 14,900 Transit Pass 5% Licenced Drivers 68% Student 28% Full time 48% Part time 5% Work at Home F/T 3% P/T 1%

Female Population 15,600 Transit Pass 5% Licenced Drivers 65% Student 27% Full time 36% Part time 11% Work at Home F/T 2% P/T 1%

On survey day: Made work trip 86% 47% 38% 23%

Occupation Type Clerical 14% Manufacturing 16% Professional 53% Sales & Service 17%

Age Median 35.7 0-10 18% 11-15 9% 16-25 12% 26-45 32% 46-64 23% 65+ 6%

Daily trips/Person (age 11+): 2.9

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	18,300	25.6%	23%	21%	10%
24 hours	71,500	30%	13%	41%	16%

Percentage of trips made within district: 6-9 a.m. = 30% 24 hours = 24%

Trips Made to Ward 1

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	11,600	21.2%	40%	9%
24 hours	54,800	8%	9%	54%

MODE OF TRAVEL

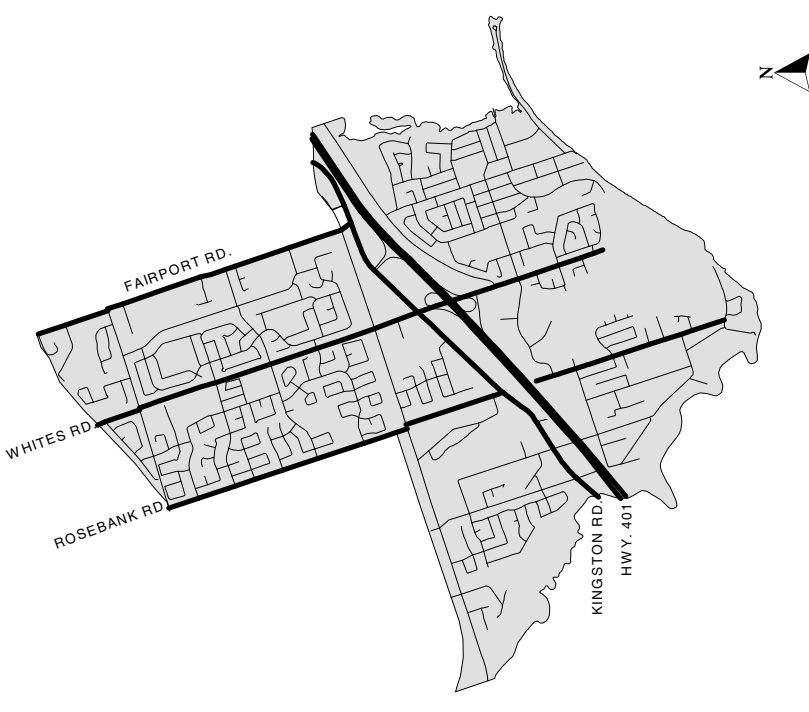
Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	18,300	67%	11%	2%	6%	10%
24 hours	71,500	73%	14%	2%	4%	6%

Median Trip Length: (kilometres) 6.1 3.2 3.9 28.1

Trips Made to Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	11,600	59%	15%	3%	*	14%
24 hours	54,800	70%	15%	2%	2%	8%



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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,100

Dwelling Type House 93% Townhouse 2% Apartment 5%

Household Size (persons) 1 13% 2 25% 3 23% 4 28% 5+ 11%

No. of Available Vehicles 0 4% 1 29% 2 47% 3 15% 4+ 6%

Household Averages Persons 3.0 Workers 1.7 Drivers 2.1 Vehicles 1.9 Trips/Day 7.7

TOTAL POPULATION: 21,600

Male Population 11,000 Transit Pass 6% Licenced Drivers 70% Student 28% Full time 52% Part time 6% Work at Home F/T 3% P/T *

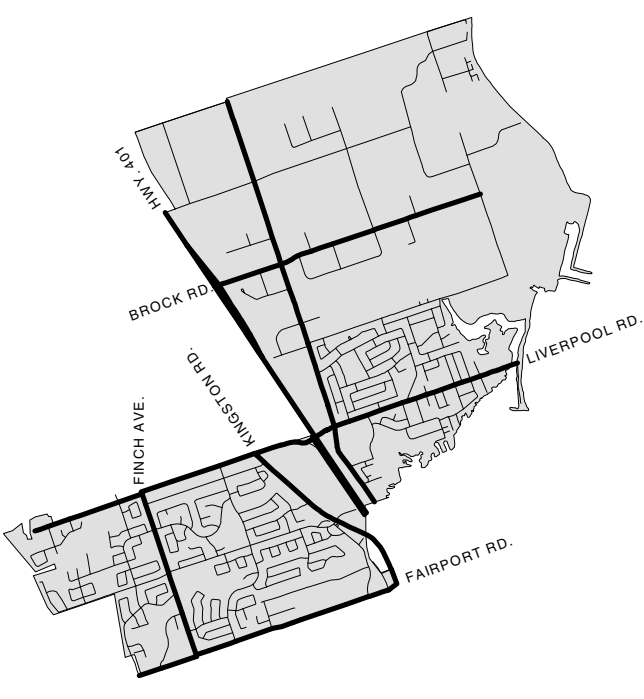
Female Population 10,600 Transit Pass 7% Licenced Drivers 65% Student 22% Full time 39% Part time 13% Work at Home F/T 2% P/T *

On survey day: Made work trip 87% 54% 52% *

Occupation Type Clerical 13% Manufacturing 19% Professional 47% Sales & Service 21%

Age Median 37.8 0-10 13% 11-15 10% 16-25 12% 26-45 31% 46-64 26% 65+ 7%

Daily trips/Person (age 11+): 2.9



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 2

Time Period 6 - 9 a.m. 12,700 Trips 23.1% of 24 hr. HB-W 49% HB-S 22% HB-D 17% N-HB 12%
 24 hours 55,000 Trips 31% HB-W 31% HB-S 11% HB-D 41% N-HB 17%

Percentage of trips made within district: 6-9 a.m. = 28% 24 hours = 25%

Trips Made to Ward 2

Time Period 6 - 9 a.m. 15,100 Trips 26.4% of 24 hr. Work 63% School 18% Home 3% Other 16%
 24 hours 57,100 Trips 24% Work 24% School 5% Home 40% Other 31%

MODE OF TRAVEL

Trips Made by Residents of Ward 2

Time Period 6 - 9 a.m. 12,700 Trips 65% Auto Driver 65% Auto Passng. 13% Local Transit 3% GO Train 6% Walk & Cycle 10% Other 3%
 24 hours 55,000 Trips 70% Auto Driver 70% Auto Passng. 16% Local Transit 2% GO Train 4% Walk & Cycle 6% Other 2%

Median Trip Length: (kilometres) 5.9 2.8 3.4 30.5

Trips Made to Ward 2

Time Period 6 - 9 a.m. 15,100 Trips 76% Auto Driver 76% Auto Passng. 10% Local Transit 1% GO Train 1% Walk & Cycle 10% Other 2%
 24 hours 57,100 Trips 74% Auto Driver 74% Auto Passng. 15% Local Transit 2% GO Train 2% Walk & Cycle 6% Other 1%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 10,700

Dwelling Type House Townhouse Apartment
 72% 11% 17% 17%

Household Size (persons) 1 2 3 4 5+
 14% 29% 17% 25% 14%

No. of Available Vehicles 0 1 2 3 4+
 3% 35% 48% 11% 3%

Household Averages Persons Workers Drivers Vehicles Trips/Day
 3.0 1.6 2.0 2.0 1.8 6.5

TOTAL POPULATION: 32,200

Male Population Transit Pass Licenced Drivers Student Full time Part time Work at Home P/T
 15,800 5% 70% 24% 48% 5% 4% 1%

Female 16,400 7% 61% 25% 36% 9% 2% 1%

On survey day: Made work trip 83% 55% 39% 34%

Occupation Clerical Manufacturing Professional Sales & Service
 15% 20% 50% 16%

Age Median 0-10 11-15 16-25 26-45 46-64 65+
 34.6 16% 9% 11% 36% 20% 9%

Daily trips/Person (age 11+): 2.6

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 3

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	16,500	23.6%	22%	17%	9%
24 hours	70,000	32%	12%	40%	16%

Percentage of trips made within district: 6-9 a.m. = 11% 24 hours = 16%

Trips Made to Ward 3

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	7,700	12.4%	15%	24%
24 hours	62,200	10%	2%	47%

MODE OF TRAVEL

Trips Made by Residents of Ward 3

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	16,500	66%	11%	5%	6%	7%
24 hours	70,000	71%	15%	3%	3%	4%

Median Trip Length: (kilometres)
 10.4 6.1 5.9 31.5

Trips Made to Ward 3

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	7,700	75%	10%	2%	*	9%
24 hours	62,200	73%	17%	2%	2%	4%

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DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 23,200

Dwelling Type House 78% Townhouse 8% Apartment 14%

Household Size (persons) 1 13% 2 25% 3 20% 4 28% 5+ 13%

No. of Available Vehicles 0 4% 1 33% 2 49% 3 11% 4+ 3%

Household Averages Persons 3.1 Workers 1.6 Drivers 2.0 Vehicles 1.7 Trips/Day 7.0

TOTAL POPULATION: 71,200

Male Population 34,500 Transit Pass 5% Licenced Drivers 68% Student 26% Full time 50% Part time 5% Work at Home F/T 2% P/T 0%

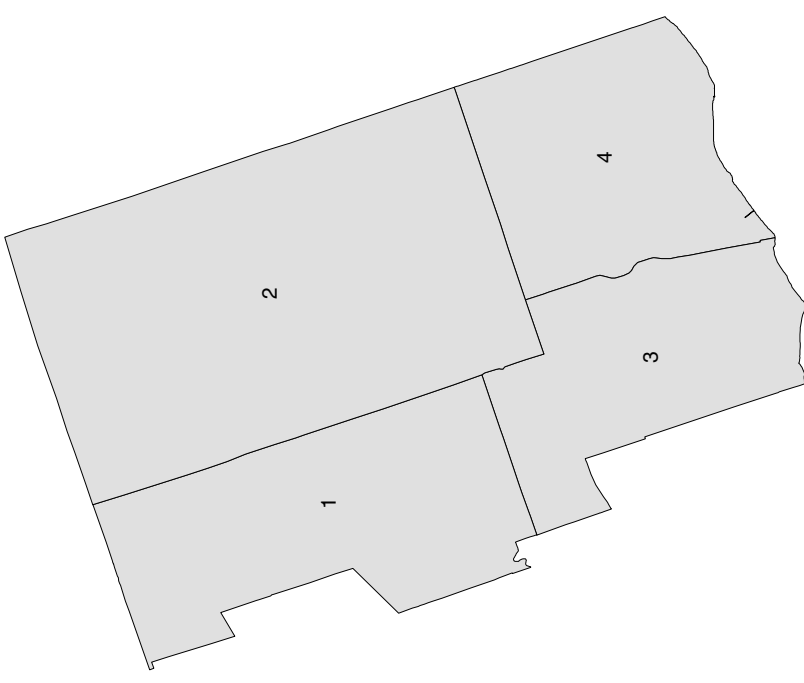
Female 36,800 8% 60% 27% 35% 10% 1% 1%

On survey day: Made work trip 86% 48% 46% *

Occupation Type Clerical 14% Manufacturing 20% Professional 47% Sales & Service 19%

Age Median 34.1 0-10 18% 11-15 9% 16-25 11% 26-45 36% 46-64 18% 65+ 7%

Daily trips/Person (age 11+): 2.8



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ajax

Time Period 6 - 9 a.m. Trips 39,600 % of 24 hr. 24.3% HB-W 48% HB-S 23% HB-D 19% N-HB 11%

24 hours 162,700 31% 12% 40% 16%

Percentage of trips made within district: 6-9 a.m. = 41% 24 hours = 46%

Trips Made to Ajax

Time Period 6 - 9 a.m. Trips 27,600 % of 24 hr. 19.0% Work 38% School 33% Home 7% Other 22%

24 hours 145,300 11% 7% 47% 35%

MODE OF TRAVEL

Trips Made by Residents of Ajax

Time Period 6 - 9 a.m. Trips 39,600 Auto Driver 62% Auto Passng. 13% Local Transit 4% GO Train 8% Walk & Cycle 10% Other 3%

24 hours 162,700 69% 16% 3% 4% 6% 2%

Median Trip Length: (kilometres) 5.1 3.0 3.6 35.5

Trips Made to Ajax

Time Period 6 - 9 a.m. Trips 27,600 Auto Driver 60% Auto Passng. 15% Local Transit 4% GO Train 0% Walk & Cycle 14% Other 6%

24 hours 145,300 68% 17% 2% 3% 7% 2%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 6,300

Dwelling Type House 87% Townhouse 6% Apartment 7%

Household Size (persons) 1 7% 2 20% 3 21% 4 33% 5+ 18%

No. of Available Vehicles 0 3% 1 29% 2 51% 3 16% 4+ *

Household Averages Persons 3.4 Workers 1.8 Drivers 2.1 Vehicles 1.8 Trips/Day 7.9

TOTAL POPULATION: 21,400

Male Population 10,200 Transit Pass 5% Licenced Drivers 65% Student 30% Full time 49% Part time 5% Work at Home F/T 3% P/T *

Female 11,200 9% 60% 29% 36% 9% 1% 1%

On survey day: Made work trip 85% 49% 46% *

Occupation Clerical 14% Manufacturing 17% Professional 49% Sales & Service 20%

Age Median 32.0 0-10 20% 11-15 10% 16-25 12% 26-45 37% 46-64 17% 65+ 4%

Daily trips/Person (age 11+): 2.9

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category				
		HB-W	HB-S	HB-D	N-HB	
6 - 9 a.m.	12,400	24.9%	44%	25%	20%	10%
24 hours	49,700	30%	14%	39%	17%	17%

Percentage of trips made within district: 6-9 a.m. = 20% 24 hours = 15%

Trips Made to Ward 1

Time Period	Trips	Destination Purpose				
		Work	School	Home		
6 - 9 a.m.	5,300	16.8%	19%	47%	12%	22%
24 hours	31,600	4%	9%	65%	22%	22%

MODE OF TRAVEL

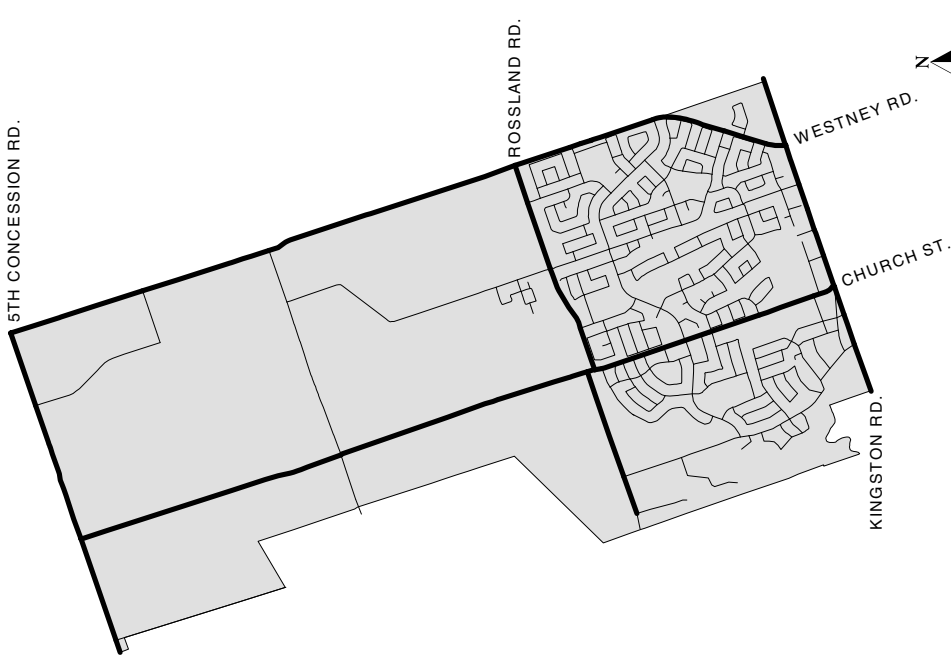
Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	12,400	59%	16%	4%	8%	10%
24 hours	49,700	67%	17%	3%	5%	7%

Median Trip Length: (kilometres) 5.9 3.2 3.9 34.8

Trips Made to Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	5,300	50%	19%	2%	24%	4%
24 hours	31,600	63%	19%	2%	3%	10%



* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 5,000

Dwelling Type	House	Townhouse	Apartment		
	89%	8%	3%		
Household Size (persons)	1	2	3	4	5+
	7%	21%	20%	35%	18%

No. of Available Vehicles	0	1	2	3	4+
	3%	28%	55%	9%	6%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.4	1.8	2.1	1.9	7.6

TOTAL POPULATION: 17,000

Male	Population	Transit Pass	Licenced Drivers	Student	Employment Status		
					Full time	Part time	Work at Home F/T
	8,500	6%	64%	27%	50%	5%	2%
	8,500	8%	56%	29%	35%	10%	1%
	On survey day: Made work trip				88%	55%	32%

Occupation Type

Clerical	14%	Manufacturing	21%	Professional	45%	Sales & Service	20%
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Age

Median	31.7	0-10	22%	11-15	9%	16-25	11%	26-45	40%	46-64	14%	65+	4%
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Daily trips/Person (age 11+): 2.8



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 2

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	9,600	25.6%	22%	18%	13%
24 hours	37,500	33%	12%	39%	17%

Percentage of trips made within district: 6-9 a.m. = 17% 24 hours = 23%

Trips Made to Ward 2

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	6,400	15.5%	33%	34%
24 hours	41,200	10%	6%	38%

MODE OF TRAVEL

Trips Made by Residents of Ward 2

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	9,600	62%	12%	4%	10%	8%
24 hours	37,500	70%	15%	3%	5%	6%

Median Trip Length: (kilometres)
7.2 4.8 36.6

Trips Made to Ward 2

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	6,400	59%	13%	7%	7%	13%
24 hours	41,200	68%	19%	2%	2%	5%

* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 5,600

Dwelling Type House 70% Townhouse 9% Apartment 20%

Household Size (persons) 1 20% 2 27% 3 18% 4 23% 5+ 12%

No. of Available Vehicles 0 6% 1 36% 2 47% 3 8% 4+ 4%

Household Averages Persons 2.8 Workers 1.5 Drivers 1.8 Vehicles 1.7 Trips/Day 6.2

TOTAL POPULATION: 15,900

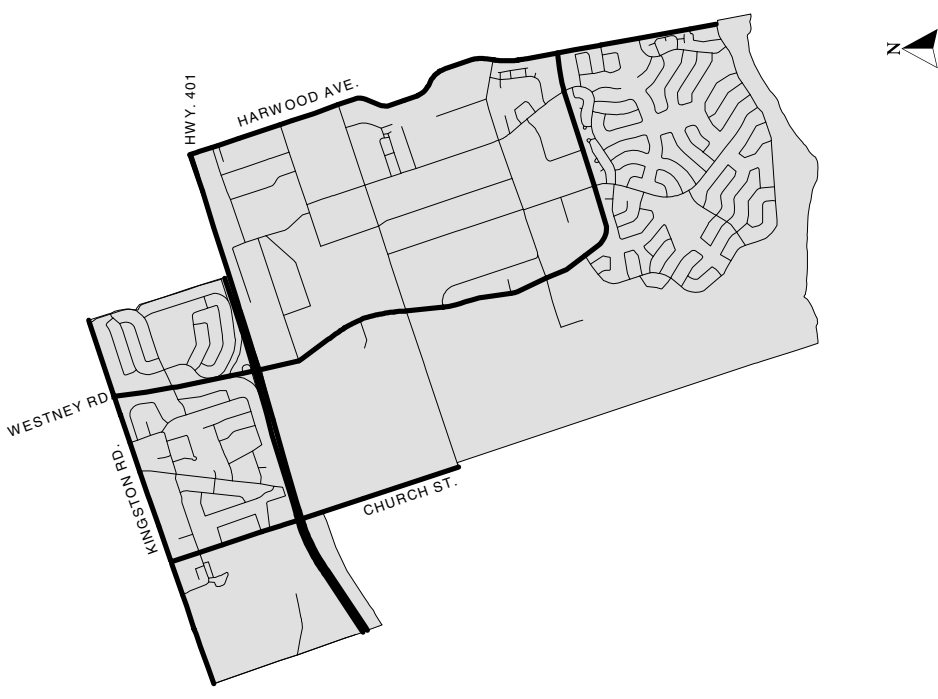
Male Population 7,500 Transit Pass 7% Licenced Drivers 71% Student 22% Full time 52% Part time 5% Work at Home P/T 3% *
 Female 8,400 9% 61% 30% 32% 9% 1% 1%

On survey day: Made work trip 87% 42% 59% * *

Occupation Clerical 13% Manufacturing 19% Professional 51% Sales & Service 17%

Age Median 35.7 0-10 17% 11-15 9% 16-25 11% 26-45 34% 46-64 21% 65+ 9%

Daily trips/Person (age 11+): 2.6



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 3

Time Period Trips 8,300 % of 24 hr. 23.7% HB-W 50% HB-S 25% HB-D 16% N-HB 9%
 6 - 9 a.m. 24 hours 35,000 33% 13% 40% 14%

Percentage of trips made within district: 6-9 a.m. = 19% 24 hours = 22%

Trips Made to Ward 3

Time Period Trips 10,200 % of 24 hr. 22.8% Work 61% School 14% Home 3% Other 22%
 6 - 9 a.m. 24 hours 44,700 20% 3% 34% 43%

MODE OF TRAVEL

Trips Made by Residents of Ward 3

Time Period Trips 8,300 Auto Driver 63% Auto Passng. 11% Local Transit 3% GO Train 6% Walk & Cycle 14% Other 3%
 6 - 9 a.m. 24 hours 35,000 69% 15% 2% 4% 8% 2%

Median Trip Length: (kilometres) 4.2 2.9 2.6 34.6

Trips Made to Ward 3

Time Period Trips 10,200 Auto Driver 74% Auto Passng. 13% Local Transit 2% GO Train * Walk & Cycle 8% Other 3%
 6 - 9 a.m. 24 hours 44,700 74% 15% 1% 2% 6% 2%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 6,300

Dwelling Type	House	Townhouse	Apartment
	67%	9%	24%

Household Size (persons)	Household Size				
	1	2	3	4	5+
	19%	31%	22%	22%	6%

No. of Available Vehicles	No. of Available Vehicles				
	0	1	2	3	4+
	6%	39%	43%	10%	2%

Household Averages	Household Averages				
	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.7	1.4	1.8	1.6	6.4

TOTAL POPULATION: 17,000

Male	Population	Transit Pass	Licenced Drivers	Student	Employment Status			
					Full time	Part time	Work at Home	
	8,300	4%	72%	25%	51%	4%	2%	1%

Female	Population	Transit Pass	Licenced Drivers	Student	Employment Status			
					Full time	Part time	Work at Home	
	8,600	6%	63%	21%	38%	9%	1%	*

Occupation Type
 On survey day: Made work trip
 Clerical 14%
 Manufacturing 24%
 Professional 45%
 Sales & Service 18%

Age	Median	Age Group					
		0-10	11-15	16-25	26-45	46-64	65+
	36.4	14%	8%	11%	34%	21%	13%

Daily trips/Person (age 11+): 2.8

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 4

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	9,200	22.7%	21%	20%	10%
24 hours	40,500	30%	11%	43%	16%

Percentage of trips made within district: 6-9 a.m. = 22% 24 hours = 15%

Trips Made to Ward 4

Time Period	Trips	Destination Purpose			
		Work	School	Home	Other
6 - 9 a.m.	5,700	20.5%	21%	51%	9%
24 hours	27,800	6%	11%	61%	22%

MODE OF TRAVEL

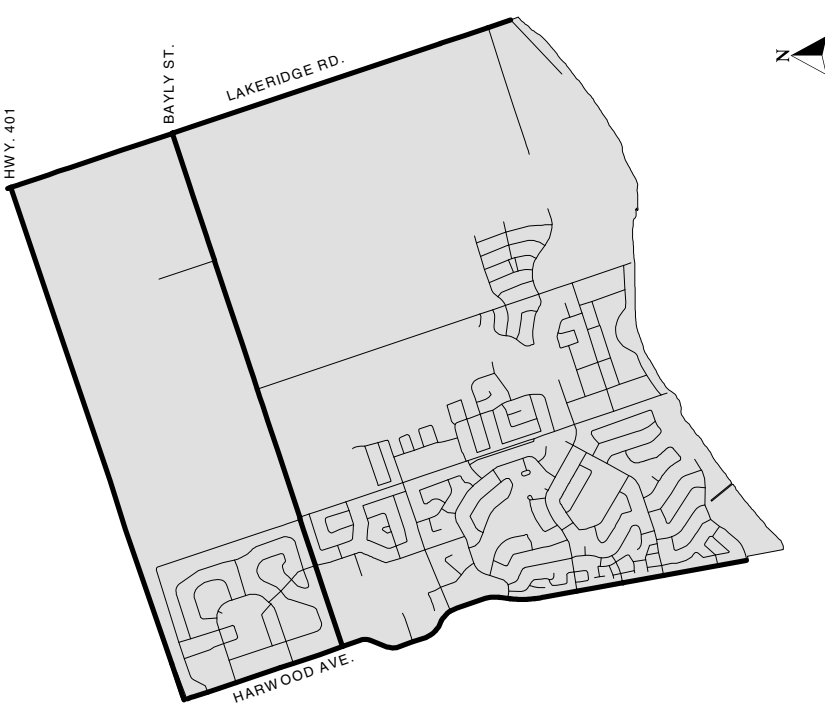
Trips Made by Residents of Ward 4

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	9,200	65%	12%	4%	8%	7%	4%
24 hours	40,500	70%	16%	3%	4%	5%	3%

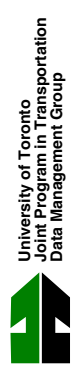
Median Trip Length: (kilometres)
 4.4 2.7 2.9 36

Trips Made to Ward 4

Time Period	Trips	Mode of Travel					
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	5,700	46%	18%	8%	*	18%	10%
24 hours	27,800	66%	16%	4%	3%	7%	4%



* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 29,000

Dwelling Type	House	Townhouse	Apartment
	81%	6%	13%

Household Size (persons)	Household Size			
	1	2	3	4+ 5+
	14%	31%	18%	23% 13%

No. of Available Vehicles	No. of Available Vehicles			
	0	1	2	3 4+
	5%	30%	52%	10% 3%

Household Averages	Household Averages			
	Persons	Workers	Drivers	Vehicles
	2.9	1.6	2.0	1.8
				Trips/Day
				6.9

TOTAL POPULATION: 84,700

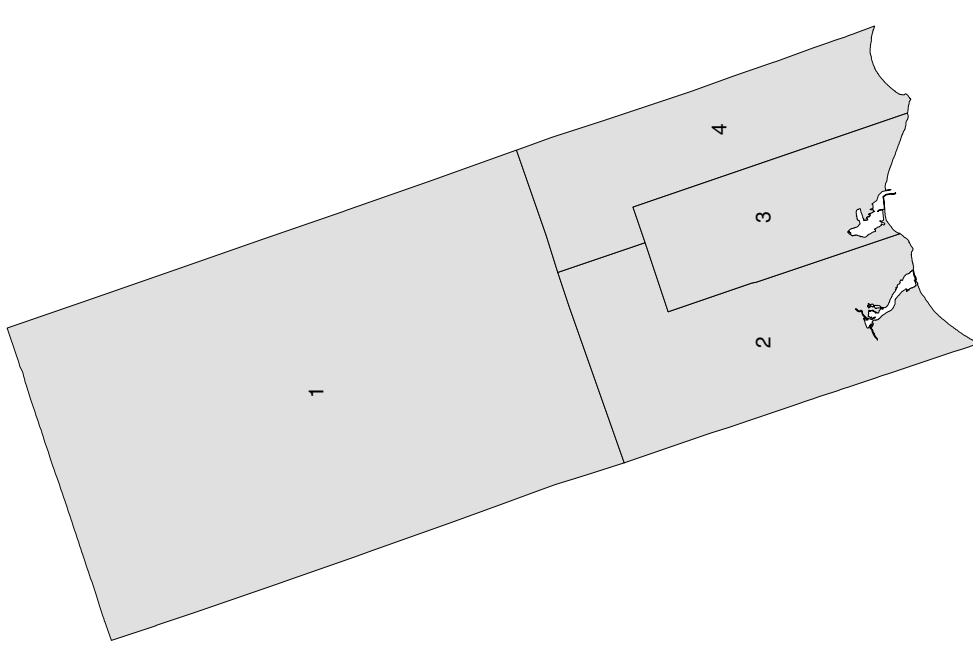
Male	Population	Transit Pass	Licenced Drivers	Student	Employment Status			
					Full time	Part time	Work at Home F/T P/T	
	42,100	5%	69%	27%	49%	7%	2%	0%
Female	42,600	5%	65%	25%	36%	12%	2%	1%

On survey day: Made work trip 85% 52% 45% *

Occupation Type	Occupation Type			
	Clerical	Manufacturing	Professional	Sales & Service
	12%	19%	51%	19%

Age	Age				
	0-10	11-15	16-25	26-45	46-64 65+
	16%	9%	12%	32%	22% 9%
	Median	35.9			

Daily trips/Person (age 11+): 2.8



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TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Whitby

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	45,900	23.0%	25%	17%	9%
24 hours	199,500	32%	12%	41%	15%

Percentage of trips made within district: 6-9 a.m. = 45% 24 hours = 46%

Trips Made to Whitby

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	34,600	19.3%	42%	32%
24 hours	179,200	12%	7%	47%

MODE OF TRAVEL

Trips Made by Residents of Whitby

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	45,900	65%	12%	3%	6%	11%
24 hours	199,500	70%	17%	2%	3%	6%

Median Trip Length: (kilometres)
5.4 3.7 3.6 44.6

Trips Made to Whitby

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	34,600	63%	13%	3%	0%	14%
24 hours	179,200	70%	18%	2%	2%	6%

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 3,000

Dwelling Type House 97% Townhouse * Apartment *

Household Size (persons) 1 2 3 4 5+
 13% 37% 19% 19% 11%

No. of Available Vehicles 0 1 2 3 4+
 * 23% 61% 10% 4%

Household Averages Persons 2.8 Workers 1.5 Drivers 2.0 Vehicles 2.3 Trips/Day 6.4

TOTAL POPULATION: 8,300

Male Population 4,200 Transit Pass * Licenced Drivers 73% Student 22% Full time 49% Part time 6% Work at Home P/T * 5%

Female 4,100 3% 72% 17% 39% 6% 3%

On survey day: Made work trip 76% 48% 64%

Occupation Type Clerical 12% Manufacturing 19% Professional 50% Sales & Service 19%

Age Median 34.8 0-10 17% 11-15 8% 16-25 10% 26-45 36% 46-64 20% 65+ 9%

Daily trips/Person (age 11+): 2.8

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	4,100	21.5%	22%	16%	8%
24 hours	19,100	31%	9%	42%	18%

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 17%

Trips Made to Ward 1

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	5,200	29.5%	50%	3%
24 hours	17,600	11%	16%	45%

MODE OF TRAVEL

Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	4,100	70%	11%	*	3%	11%
24 hours	19,100	73%	18%	*	2%	5%

Median Trip Length: (kilometres) 10.7 11 * 47.8

Trips Made to Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	5,200	47%	20%	5%	*	12%
24 hours	17,600	66%	18%	2%	1%	6%



* is used to denote categories that have less than four observations or survey records



University of Toronto
 Joint Program in Transportation
 Data Management Group

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,400

Dwelling Type House 84% Townhouse 9% Apartment 6%

Household Size (persons) 1 7% 2 33% 3 20% 4 23% 5+ 16%

No. of Available Vehicles 0 1% 1 24% 2 60% 3 12% 4+ 3%

Household Averages Persons 3.1 Workers 1.8 Drivers 2.1 Vehicles 1.9 Trips/Day 7.1

TOTAL POPULATION: 23,300

Male Population 11,700 Transit Pass 5% Licenced Drivers 68% Student 29% Full time 52% Part time 5% Work at Home F/T 2% P/T *

Female Population 11,500 Transit Pass 7% Licenced Drivers 66% Student 25% Full time 40% Part time 11% Work at Home F/T 2% P/T 1%

On survey day: Made work trip 83% 61% 40% *

Occupation Clerical 11% Manufacturing 16% Professional 57% Sales & Service 16%

Age Median 34.8 0-10 17% 11-15 9% 16-25 12% 26-45 35% 46-64 21% 65+ 5%

Daily trips/Person (age 11+): 2.7

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 2

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	13,400	25.5%	24%	17%	8%
24 hours	52,500	35%	13%	37%	15%

Percentage of trips made within district: 6-9 a.m. = 15% 24 hours = 13%

Trips Made to Ward 2

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	4,900	14.8%	38%	24%
24 hours	33,100	6%	6%	21%

MODE OF TRAVEL

Trips Made by Residents of Ward 2

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	13,400	66%	11%	3%	6%	10%
24 hours	52,500	72%	14%	2%	4%	6%

Median Trip Length: (kilometres) 6.4 4.3 3.8 42.5

Trips Made to Ward 2

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	4,900	56%	13%	3%	3%	15%
24 hours	33,100	69%	15%	2%	3%	7%



* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:

9,200

Dwelling Type	House	Townhouse	Apartment
	63%	8%	29%

Household Size (persons)	Household Size			
	1	2	3	4+ 5+
	27%	32%	17%	18% 8%

No. of Available Vehicles	No. of Available Vehicles			
	0	1	2	3 4+
	11%	40%	40%	8% 2%

Household Averages	Household Averages			
	Persons	Workers	Drivers	Vehicles
	2.5	1.3	1.7	1.5
				Trips/Day
				5.9

TOTAL POPULATION:

22,800

Male	Population 11,000	Transit Pass 5%	Licenced Drivers 71%	Student 23%	Employment Status		
					Full time 47%	Part time 7%	Work at Home F/T P/T *
	11,800	5%	65%	21%	33%	12%	1% 1%

Female 11,800 5% 65% 21% 33% 12% 1% 1%

On survey day: Made work trip 87% 44% 37% *

Occupation Type	Occupation Type			
	Clerical 10%	Manufacturing 21%	Professional 48%	Sales & Service 22%

Age	Age			
	0-10 15%	11-15 7%	16-25 10%	26-45 30%
	38.3	38.3	38.3	38.3
				46-64 23%
				65+ 15%

Daily trips/Person (age 11+): 2.8

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m.	Trips 11,300	Trip Purpose Category			
		HB-W 52%	HB-S 20%	HB-D 20%	N-HB 8%
	54,300	30%	9%	46%	16%

Percentage of trips made within district: 6-9 a.m. = 30% 24 hours = 27%

Trips Made to Ward 3

Time Period 6 - 9 a.m.	Trips 12,500	Destination Purpose			
		Work 46%	School 27%	Home 6%	Other 20%
	58,000	14%	7%	39%	40%

MODE OF TRAVEL

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m.	Trips 11,300	Mode of Travel				
		Auto Driver 67%	Auto Passng. 13%	Local Transit 3%	GO Train 6%	Walk & Cycle 11%
	54,300	70%	18%	2%	3%	5%

Median Trip Length: (kilometres) 4.3 3.3 4.2 43.5

Trips Made to Ward 3

Time Period 6 - 9 a.m.	Trips 12,500	Mode of Travel				
		Auto Driver 67%	Auto Passng. 14%	Local Transit 2%	GO Train *	Walk & Cycle 15%
	58,000	71%	19%	2%	2%	6%

* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 9,400

Dwelling Type	House	Townhouse	Apartment
	93%	2%	6%

Household Size (persons)	1	2	3	4	5+
	9%	28%	19%	28%	17%

No. of Available Vehicles	0	1	2	3	4+
	3%	26%	55%	11%	5%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.2	1.7	2.1	1.9	7.8

TOTAL POPULATION: 30,300

Male	Population 15,200	Transit Pass 6%	Licenced Drivers 67%	Student 31%	Full time 49%	Employment Status		Work at Home P/T
						Part time 8%	F/T 1%	
Female	15,200	6%	61%	29%	34%	13%	1%	1%
On survey day: Made work trip								
			88%	53%	39%	*		

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	13%	19%	48%	20%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	35.2	16%	10%	13%	31%	23%
		16%	10%	13%	31%	23%

Daily trips/Person (age 11+): 2.9

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 4

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	17,300	23.5%	29%	16%	10%
24 hours	73,500	31%	15%	40%	14%

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 25%

Trips Made to Ward 4

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	11,900	16.9%	25%	6%
24 hours	70,600	13%	5%	45%

MODE OF TRAVEL

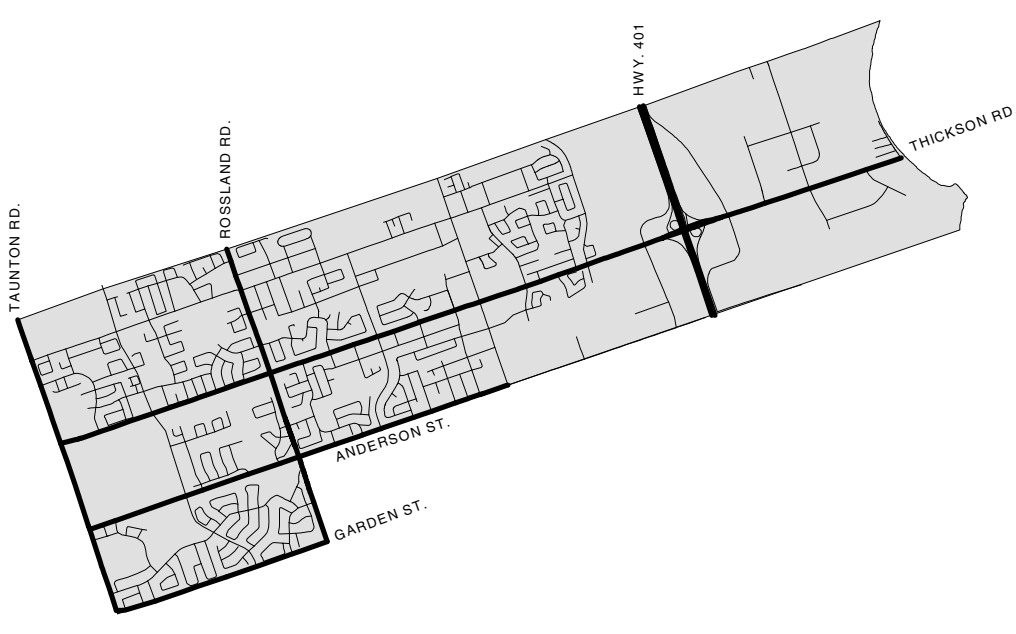
Trips Made by Residents of Ward 4

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	17,300	61%	12%	3%	6%	13%
24 hours	73,500	68%	17%	2%	3%	7%

Median Trip Length: (kilometres)
4 2.7 3 45.8

Trips Made to Ward 4

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	11,900	69%	10%	2%	*	13%
24 hours	70,600	70%	18%	1%	2%	6%



* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 52,200

Dwelling Type House 70% Townhouse 6% Apartment 24%

Household Size (persons) 1 22% 2 36% 3 17% 4 17% 5+ 8%

No. of Available Vehicles 0 10% 1 41% 2 39% 3 7% 4+ 2%

Household Averages Persons 2.6 Workers 1.3 Drivers 1.7 Vehicles 1.5 Trips/Day 5.9

TOTAL POPULATION: 134,400

Male Population 66,200 Transit Pass 3% Licenced Drivers 70% Student 22% Full time 47% Part time 5% Work at Home F/T 2% P/T 0%

Female Population 68,100 On survey day: Made work trip 84% 51% 38% 34%

Occupation Type Clerical 12% Manufacturing 30% Professional 37% Sales & Service 21%

Age Median 37.2 0-10 14% 11-15 7% 16-25 12% 26-45 31% 46-64 22% 65+ 13%

Daily trips/Person (age 11+): 2.7

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Oshawa

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	62,800	20.4%	23%	20%	9%
24 hours	307,700	30%	10%	44%	16%

Percentage of trips made within district: 6-9 a.m. = 59% 24 hours = 62%

Trips Made to Oshawa

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	56,400	18.9%	28%	7%
24 hours	297,800	13%	6%	43%

MODE OF TRAVEL

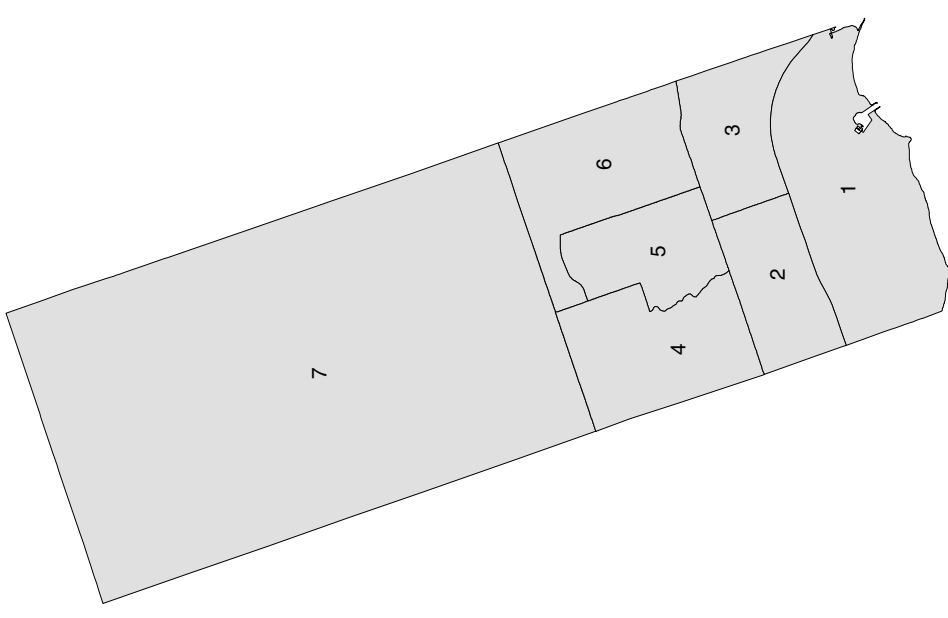
Trips Made by Residents of Oshawa

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	62,800	65%	14%	4%	2%	11%
24 hours	307,700	71%	17%	3%	1%	6%

Median Trip Length: (kilometres) 3.7 3.3 3.1 50.2

Trips Made to Oshawa

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	56,400	65%	14%	5%	0%	12%
24 hours	297,800	71%	18%	3%	1%	6%



* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

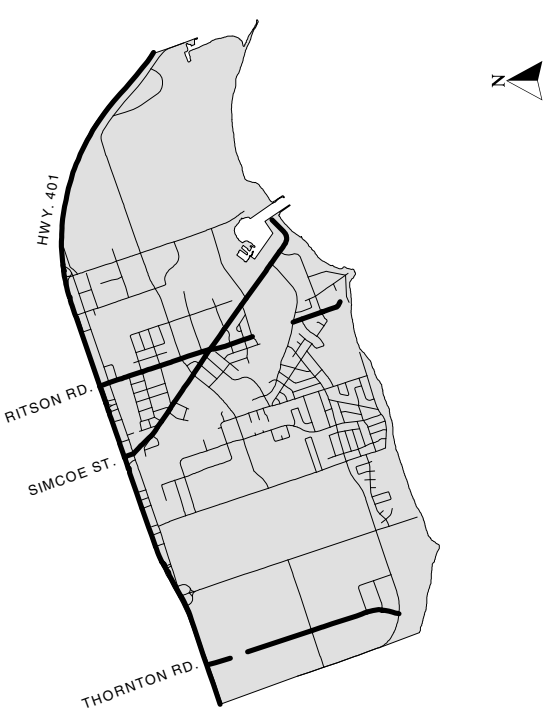
TOTAL NUMBER OF HOUSEHOLDS: 6,700

Dwelling Type	House	Townhouse	Apartment		
	62%	8%	30%		
Household Size (persons)	1	2	3	4	5+
	18%	32%	22%	20%	9%

No. of Available Vehicles	0	1	2	3	4+
	15%	41%	36%	6%	2%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.7	1.2	1.7	1.4	5.7

TOTAL POPULATION: 18,200

Male	Population 9,000	Transit Pass 4%	Licensed Drivers 62%	Student 24%	Full time 46%	Part time 4%	Work at Home F/T	P/T
Female	9,200	6%	60%	24%	29%	10%	*	*
On survey day: Made work trip								
Occupation Type	Clerical 12%	Manufacturing 37%	Professional 30%	Sales & Service 20%				
Age	Median 34.5	0-10 16%	11-15 9%	16-25 11%	26-45 33%	46-64 23%	65+ 7%	
Daily trips/Person (age 11+):	2.5							



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	7,900	20.7%	28%	18%	9%
24 hours	38,200	29%	13%	43%	15%

Percentage of trips made within district: 6-9 a.m. = 39% 24 hours = 30%

Trips Made to Ward 1

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	11,100	25.9%	20%	6%
24 hours	42,900	28%	6%	38%

MODE OF TRAVEL

Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	7,900	58%	16%	4%	2%	17%
24 hours	38,200	65%	19%	5%	1%	8%

Median Trip Length: (kilometres)
3.7 3.3 3.2 48.6

Trips Made to Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	11,100	72%	10%	3%	*	13%
24 hours	42,900	72%	15%	3%	1%	8%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 8,300

Dwelling Type House 57% Townhouse 4% Apartment 39%

Household Size (persons) 1 28% 2 34% 3 17% 4 15% 5+ 6%

No. of Available Vehicles 0 20% 1 43% 2 32% 3 4% 4+ 2%

Household Averages Persons 2.4 Workers 1.1 Drivers 1.5 Vehicles 1.2 Trips/Day 5.5

TOTAL POPULATION: 19,900

Male 9,900 Female 10,000

Transit Pass 3% Licenced Drivers 71% Student 18% Full time 48% Part time 4% Work at Home P/T *

On survey day: Made work trip 84% 53% 35% * *

Occupation Type Clerical 14% Manufacturing 31% Professional 32% Sales & Service 23%

Age Median 35.8 0-10 14% 11-15 6% 16-25 12% 26-45 33% 46-64 21% 65+ 14%

Daily trips/Person (age 11+): 2.7



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 2

Time Period 6 - 9 a.m. Trips 8,800 % of 24 hr. 19.3% HB-W 43% HB-S 21% HB-D 25% N-HB 11%

24 hours 45,600 30% 9% 45% 17%

Percentage of trips made within district: 6-9 a.m. = 23% 24 hours = 26%

Trips Made to Ward 2

Time Period 6 - 9 a.m. Trips 10,100 % of 24 hr. 16.5% Work 48% School 20% Home 8% Other 24%

24 hours 61,200 13% 4% 31% 53%

MODE OF TRAVEL

Trips Made by Residents of Ward 2

Time Period 6 - 9 a.m. Trips 8,800 Auto Driver 63% Auto Passng. 17% Local Transit 6% GO Train 3% Walk & Cycle 8% Other 3%

24 hours 45,600 69% 18% 4% 1% 5% 2%

Median Trip Length: (kilometres) 2.9 2.6 2 48.4

Trips Made to Ward 2

Time Period 6 - 9 a.m. Trips 10,100 Auto Driver 69% Auto Passng. 13% Local Transit 6% GO Train * Walk & Cycle 9% Other 4%

24 hours 61,200 69% 20% 4% 1% 4% 2%

* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,400

Dwelling Type House 90% Townhouse 3% Apartment 7%

Household Size (persons) 1 16% 2 39% 3 18% 4 11% 5+ 11%

No. of Available Vehicles 0 5% 1 38% 2 45% 3 10% 4+ 2%

Household Averages Persons 2.7 Workers 1.4 Drivers 1.9 Vehicles 1.7 Trips/Day 6.6

TOTAL POPULATION: 20,200

Male 9,800 Female 10,400

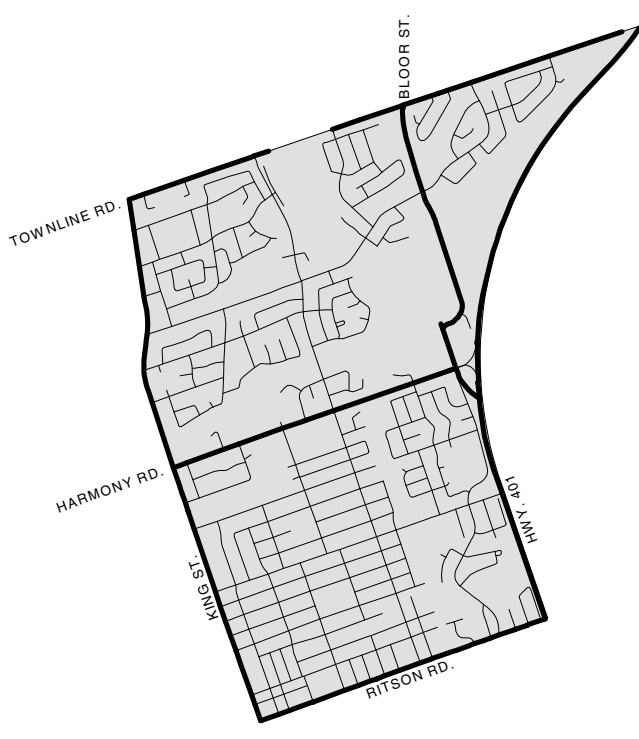
Transit Pass 3% Licenced Drivers 74% Student 20% Full time 50% Part time 4% Work at Home P/T *

On survey day: Made work trip 83% 48% 50%

Occupation Clerical 11% Manufacturing 33% Professional 35% Sales & Service 21%

Age Median 38.6 0-10 12% 11-15 7% 16-25 13% 26-45 32% 46-64 23% 65+ 14%

Daily trips/Person (age 11+): 2.8



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m. Trips 10,100 % of 24 hr. 20.6% HB-W 45% HB-S 25% HB-D 22% N-HB 8%

24 hours 49,000 29% 11% 44% 16%

Percentage of trips made within district: 6-9 a.m. = 20% 24 hours = 15%

Trips Made to Ward 3

Time Period 6 - 9 a.m. Trips 4,900 % of 24 hr. 14.5% Work 24% School 36% Home 15% Other 25%

24 hours 33,800 5% 6% 61% 28%

MODE OF TRAVEL

Trips Made by Residents of Ward 3

Time Period 6 - 9 a.m. Trips 10,100 Auto Driver 67% Auto Passng. 15% Local Transit 4% GO Train 1% Walk & Cycle 9% Other 4%

24 hours 49,000 70% 19% 3% 1% 5% 2%

Median Trip Length: (kilometres) 4 3.8 3.7 51.1

Trips Made to Ward 3

Time Period 6 - 9 a.m. Trips 4,900 Auto Driver 58% Auto Passng. 15% Local Transit 2% GO Train * 2% Walk & Cycle 18% Other 8%

24 hours 33,800 69% 18% 3% 1% 7% 3%

* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,700

Dwelling Type
 House 83%
 Townhouse 1%
 Apartment 15%

Household Size (persons)
 1 16%
 2 43%
 3 17%
 4 8%
 5+ 8%

No. of Available Vehicles
 0 4%
 1 38%
 2 46%
 3 8%
 4+ 3%

Household Averages
 Persons 2.6
 Workers 1.3
 Drivers 1.9
 Vehicles 1.7
 Trips/Day 6.3

TOTAL POPULATION: 19,900

Male
 Population 10,100
 Transit Pass 1%
 Licenced Drivers 76%
 Student 21%
 Full time 47%
 Part time 4%
 Work at Home F/T 1%
 P/T *

Female
 Population 9,800
 Transit Pass 2%
 Licenced Drivers 72%
 Student 20%
 Full time 31%
 Part time 12%
 Work at Home F/T 1%
 P/T *

On survey day: Made work trip
 88%
 44%
 37% *

Occupation Type
 Clerical 11%
 Manufacturing 25%
 Professional 45%
 Sales & Service 18%

Age
 Median 40.1
 0-10 11%
 11-15 6%
 16-25 12%
 26-45 29%
 46-64 25%
 65+ 17%

Daily trips/Person (age 11+): 2.7

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 4

Time Period 6 - 9 a.m.
 Trips 9,500
 24 hours 48,200
 Percentage of trips made within district: 6-9 a.m. = 27%
 24 hours = 16%

Trip Purpose Category
 HB-W 51%
 HB-S 22%
 HB-D 18%
 N-HB 10%

28%
 9%
 45%
 18%

Trips Made to Ward 4

Time Period 6 - 9 a.m.
 Trips 8,200
 24 hours 41,200

Destination Purpose
 Work 28%
 School 42%
 Home 7%
 Other 23%

9%
 9%
 48%
 34%

MODE OF TRAVEL

Trips Made by Residents of Ward 4

Time Period 6 - 9 a.m.
 Trips 9,500
 24 hours 48,200
 Median Trip Length: (kilometres) 3.2

Auto Driver 71%
Auto Passng. 14%
Local Transit 2%
GO Train 2%
Walk & Cycle 9%
Other 2%

74%
 18%
 2%
 1%
 4%
 1%

2.7
 2.5
 48.3

Trips Made to Ward 4

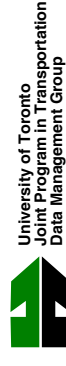
Time Period 6 - 9 a.m.
 Trips 8,200
 24 hours 41,200

Auto Driver 53%
Auto Passng. 20%
Local Transit 8%
GO Train *
Walk & Cycle 12%
Other 6%

70%
 19%
 3%
 1%
 6%
 2%



* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 8,700

Dwelling Type	House	Townhouse	Apartment
	61%	5%	34%

Household Size (persons)	1	2	3	4	5+
	37%	35%	14%	10%	4%

No. of Available Vehicles	0	1	2	3	4+
	12%	50%	30%	6%	2%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.1	1.0	1.5	1.4	5.2

TOTAL POPULATION: 18,500

Male	Population	Transit Pass	Licenced Drivers	Student	Full time	Part time	Work at Home
8,600	3%	74%	18%	44%	6%	3%	*

Female	Population	Transit Pass	Licenced Drivers	Student	Full time	Part time	Work at Home
9,800	4%	70%	15%	33%	11%	1%	*

On survey day: Made work trip

84%	56%	27%
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Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	13%	27%	40%	20%

Age	0-10	11-15	16-25	26-45	46-64	65+
Median	41.8	12%	5%	9%	29%	24%
		12%	5%	9%	29%	24%

Daily trips/Person (age 11+): 2.8

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 5

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	8,200	18.1%	18%	23%	9%
24 hours	45,400	27%	7%	50%	16%

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 16%

Trips Made to Ward 5

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	10,800	23.5%	17%	3%
24 hours	46,000	17%	4%	41%

MODE OF TRAVEL

Trips Made by Residents of Ward 5

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	8,200	69%	12%	3%	3%	2%
24 hours	45,400	72%	17%	3%	1%	1%

Median Trip Length: (kilometres)

3	2.8	2.7	50.6
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Trips Made to Ward 5

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	10,800	70%	14%	5%	*	9%
24 hours	46,000	73%	16%	4%	1%	6%



* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 9,200

Dwelling Type House 62% Townhouse 9% Apartment 28%

Household Size (persons) 1 18% 2 32% 3 19% 4 12% 5+ 12%

No. of Available Vehicles 0 9% 1 39% 2 42% 3 4% 4+ 1%

Household Averages Persons 2.8 Workers 1.4 Drivers 1.7 Vehicles 1.5 Trips/Day 6.0

TOTAL POPULATION: 26,000

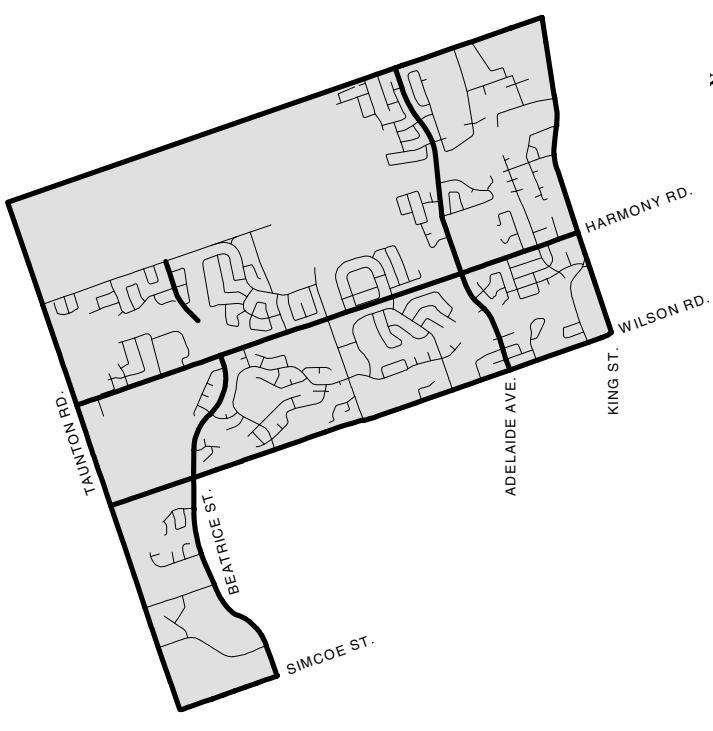
Male 12,900 Female 13,100 Population 12,900 Transit Pass 4% Licenced Drivers 63% Student 28% Full time 48% Part time 5% Work at Home F/T 1% P/T *

On survey day: Made work trip 86% 53% 29% *

Occupation Clerical 13% Manufacturing 29% Professional 36% Sales & Service 22%

Age Median 34.7 0-10 18% 11-15 8% 16-25 14% 26-45 31% 46-64 20% 65+ 9%

Daily trips/Person (age 11+): 2.6



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 6

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	12,500	47%	25%	19%	10%
24 hours	55,000	33%	12%	40%	15%

Percentage of trips made within district: 6-9 a.m. = 17% 24 hours = 15%

Trips Made to Ward 6

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	5,500	13.3%	42%	23%
24 hours	41,500	6%	6%	33%

MODE OF TRAVEL

Trips Made by Residents of Ward 6

Time Period	Trips	Mode of Travel			
		Auto Driver	Auto Passng.	Local Transit	GO Train & Cycle
6 - 9 a.m.	12,500	63%	12%	5%	4%
24 hours	55,000	70%	15%	4%	2%

Median Trip Length: (kilometres) 4 3.5 3.6 51.9

Trips Made to Ward 6

Time Period	Trips	Mode of Travel			
		Auto Driver	Auto Passng.	Local Transit	GO Train & Cycle
6 - 9 a.m.	5,500	51%	16%	3%	5%
24 hours	41,500	68%	17%	3%	2%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 4,100

Dwelling Type	House	Townhouse	Apartment		
	83%	13%	3%		
Household Size (persons)	1	2	3	4	5+
	15%	34%	18%	22%	11%

No. of Available Vehicles	0	1	2	3	4+
	3%	35%	51%	9%	2%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.8	1.5	2.0	1.8	6.4

TOTAL POPULATION: 11,700

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	6,000	2%	73%	23%	49%	6%	2%
Female	5,800	4%	69%	21%	34%	11%	1%

On survey day: Made work trip

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	12%	25%	43%	19%

Age	0-10	11-15	16-25	26-45	46-64	65+
	16%	8%	11%	33%	22%	11%

Daily trips/Person (age 11+): 2.7



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 7

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	5,800	22.0%	24%	16%	8%
24 hours	26,400	33%	11%	41%	15%

Percentage of trips made within district: 6-9 a.m. = 11% 24 hours = 14%

Trips Made to Ward 7

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	5,800	18.6%	33%	40%
24 hours	31,100	9%	14%	36%

MODE OF TRAVEL

Trips Made by Residents of Ward 7

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	5,800	68%	14%	5%	2%	3%
24 hours	26,400	72%	17%	3%	1%	2%

Median Trip Length: (kilometres)
6 5.2 3.4 51.7

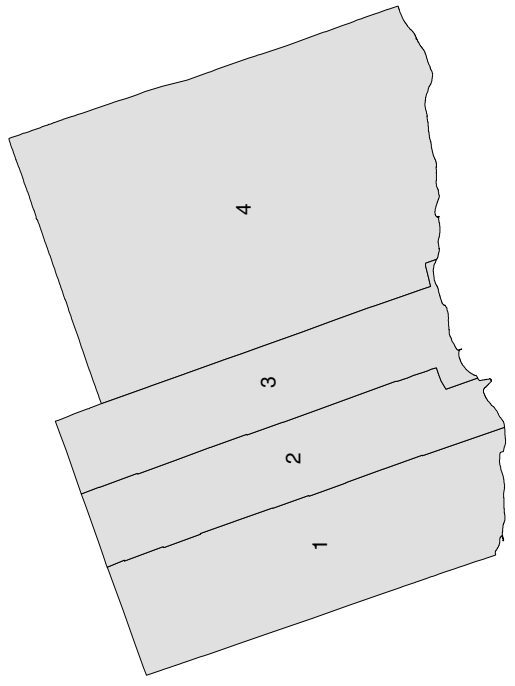
Trips Made to Ward 7

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	5,800	71%	16%	5%	1%	3%
24 hours	31,100	73%	18%	3%	1%	2%

* is used to denote categories that have less than four observations or survey records

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:		24,200	
Dwelling Type	House	Townhouse	Apartment
	88%	6%	7%
Household Size (persons)	1	2	3
	15%	32%	18%
No. of Available Vehicles	0	1	2
	4%	31%	50%
Household Averages	Persons	Workers	Drivers
	2.9	1.4	1.9
	Vehicles	Vehicles	Trips/Day
	1.8	1.8	6.3
TOTAL POPULATION: 69,800			
Male	Population	Licenced Drivers	Student
	35,000	68%	26%
Female	Population	Licenced Drivers	Student
	34,800	66%	25%
On survey day: Made work trip			
Occupation Type	Clerical	Manufacturing	Professional
	11%	26%	44%
Age	Median	0-10	11-15
	34.9	18%	9%
	Median	16-25	26-45
	34.9	10%	34%
	Median	46-64	65+
	34.9	19%	11%
Daily trips/Person (age 11+): 2.7			



TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Clarington	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	32,700	66%	10%
24 hours	153,200	72%	16%
Percentage of trips made within district: 6-9 a.m. = 47% 24 hours = 45%			
Trips Made to Clarington		Trips Made to Clarington	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	19,300	54%	11%
24 hours	115,300	69%	16%
Median Trip Length: (kilometres)			
		8.7	7.6
		10.2	61.4
MODE OF TRAVEL		Trips Made by Residents of Clarington	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	32,700	66%	10%
24 hours	153,200	72%	16%
Median Trip Length: (kilometres)			
		8.7	7.6
		10.2	61.4
Trips Made to Clarington		Trips Made to Clarington	
Time Period	Trips	Auto Driver	Auto Passng.
6 - 9 a.m.	19,300	54%	11%
24 hours	115,300	69%	16%
Destination Purpose			
Time Period	Trips	Work	School
6 - 9 a.m.	19,300	34%	42%
24 hours	115,300	9%	7%
Destination Purpose			
Time Period	Trips	Home	Other
6 - 9 a.m.	19,300	8%	17%
24 hours	115,300	55%	29%

* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 7,900

Dwelling Type	House	Townhouse	Apartment
	88%	7%	4%

Household Size (persons)	1	2	3	4	5+
	14%	31%	19%	23%	14%

No. of Available Vehicles	0	1	2	3	4+
	2%	27%	58%	10%	4%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.0	1.5	2.0	1.9	6.7

TOTAL POPULATION: 23,300

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	11,400	2%	69%	26%	50%	4%	2%

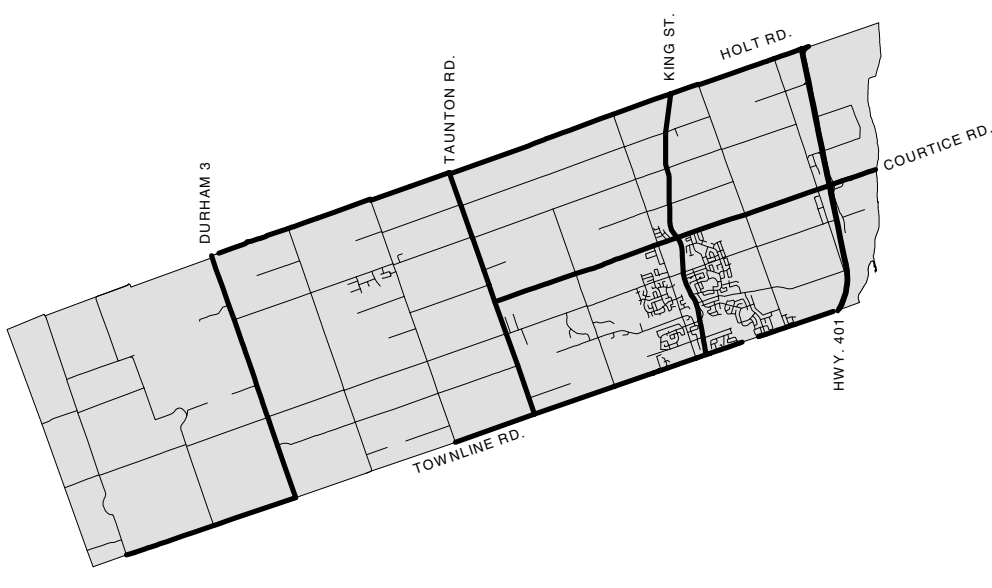
Female	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	11,900	2%	66%	26%	33%	13%	1%

On survey day: Made work trip

Occupation Type	Clerical	Manufacturing	Professional	Sales & Service
	15%	22%	46%	17%

Age	Median	0-10	11-15	16-25	26-45	46-64	65+
	34.2	19%	9%	9%	38%	16%	9%

Daily trips/Person (age 11+): 2.8



* is used to denote categories that have less than four observations or survey records

TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 1

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	11,600	21.9%	25%	16%	9%
24 hours	53,000	30%	12%	42%	16%

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 19%

Trips Made to Ward 1

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	5,900	16.7%	41%	9%
24 hours	35,300	8%	7%	63%

MODE OF TRAVEL

Trips Made by Residents of Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passing	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	11,600	68%	9%	1%	2%	12%
24 hours	53,000	73%	15%	1%	1%	5%

Median Trip Length: (kilometres)
7.1 6.5 8.4 54.7

Trips Made to Ward 1

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passing	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	5,900	56%	11%	*	*	17%
24 hours	35,300	69%	16%	1%	1%	7%

DEMOGRAPHIC CHARACTERISTICS

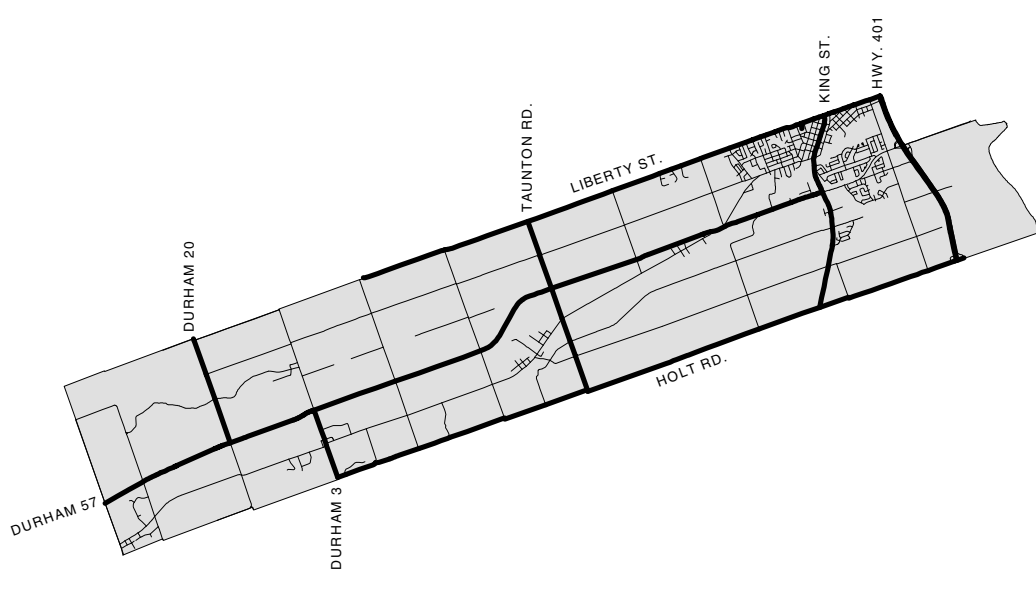
TOTAL NUMBER OF HOUSEHOLDS:		7,100			
Dwelling Type	House	Townhouse	Apartment		
	84%	9%	8%		
Household Size (persons)	1	2	3	4	5+
	14%	30%	21%	24%	11%
No. of Available Vehicles	0	1	2	3	4+
	5%	32%	47%	13%	3%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.9	1.5	2.0	1.8	6.3

TOTAL POPULATION:		20,600					
Male	Population	Licenced Drivers	Student	Employment Status			
	10,600	2%	27%	Full time	Part time	Work at Home F/T	P/T
Female	10,000	68%	25%	46%	5%	3%	*
	2%	70%	25%	33%	14%	1%	1%
On survey day:		Made work trip		83%	46%	63%	*
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service			
	9%	28%	43%	20%			
Age	Median	0-10	11-15	16-25	26-45	46-64	65+
	36.1	16%	7%	12%	32%	22%	11%
Daily trips/Person (age 11+):		2.6					

TRAVEL PATTERNS

TRIP PURPOSE		Trips Made by Residents of Ward 2				
Time Period	Trips	% of 24 hr.	Trip Purpose Category			
6 - 9 a.m.	9,600	21.5%	HB-W	HB-S	HB-D	N-HB
24 hours	44,600	33%	50%	27%	15%	8%
Percentage of trips made within district: 6-9 a.m. = 29%		24 hours = 30%				
Trips Made to Ward 2		Destination Purpose				
Time Period	Trips	% of 24 hr.	Work	School	Home	Other
6 - 9 a.m.	7,200	18.2%	41%	37%	6%	16%
24 hours	39,600	11%	7%	48%	34%	

MODE OF TRAVEL		Trips Made by Residents of Ward 2					
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	9,600	64%	10%	1%	2%	12%	10%
24 hours	44,600	72%	16%	1%	1%	6%	4%
Median Trip Length: (kilometres)		10.1	8.5	12.3	61.8		
Trips Made to Ward 2		Trips Made to Ward 2					
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	7,200	57%	9%	*	*	12%	21%
24 hours	39,600	71%	15%	0%	1%	6%	7%



* is used to denote categories that have less than four observations or survey records



University of Toronto
Joint Program in Transportation
Data Management Group

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 4,400

Dwelling Type	House	Townhouse	Apartment		
	91%	4%	5%		
Household Size (persons)	1	2	3	4	5+
	17%	34%	17%	22%	10%
No. of Available Vehicles	0	1	2	3	4+
	5%	40%	48%	7%	*
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.8	1.3	1.8	1.6	6.1

TOTAL POPULATION: 12,200

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home
	6,200	3%	66%	27%	43%	5%	2%
Female	6,000	2%	64%	26%	31%	11%	1%
On survey day: Made work trip							
			77%	53%	*	*	*
Occupation Type	Clerical	Manufacturing	Professional	Sales & Service			
	9%	25%	43%	22%			
Age	Median	0-10	11-15	16-25	26-45	46-64	65+
	34.0	19%	9%	10%	33%	14%	16%
Daily trips/Person (age 11+): 2.7							

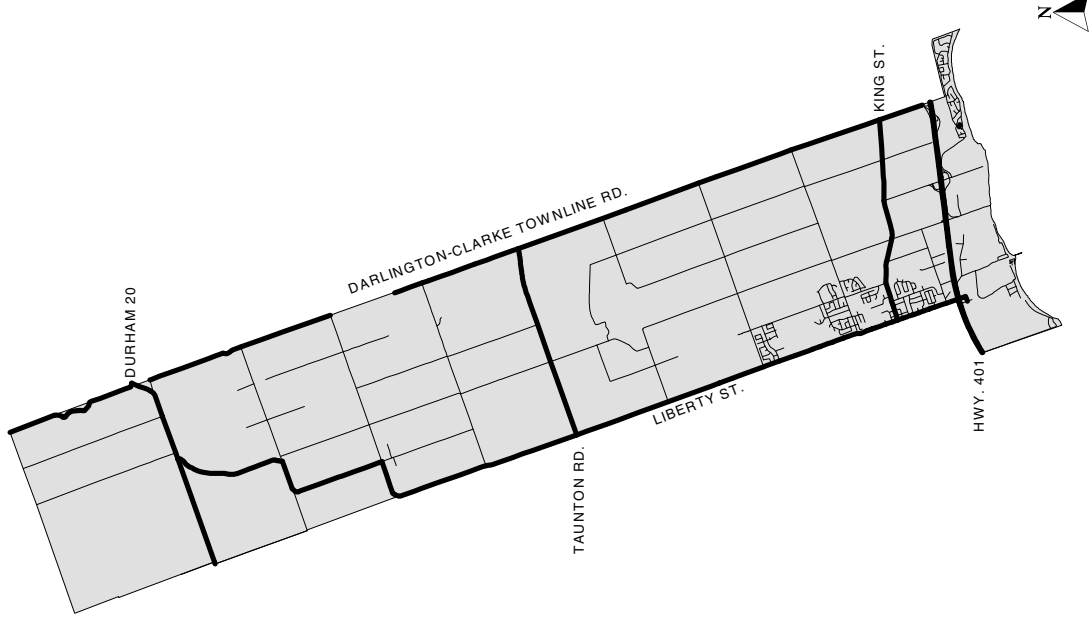
TRAVEL PATTERNS

TRIP PURPOSE
Trips Made by Residents of Ward 3

Time Period	Trips	Trip Purpose Category				
		HB-W	HB-S	HB-D	N-HB	
6 - 9 a.m.	5,300	20.0%	30%	17%	10%	
24 hours	26,500	26%	12%	43%	18%	
Percentage of trips made within district: 6-9 a.m. = 21% 24 hours = 19%						
Trips Made to Ward 3						
Time Period	Trips	% of 24 hr.	Work	School	Home	Other
6 - 9 a.m.	3,600	17.1%	25%	52%	6%	16%
24 hours	21,000	8%	10%	51%	31%	31%

MODE OF TRAVEL
Trips Made by Residents of Ward 3

Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
		62%	15%	*	3%	11%	9%
24 hours	26,500	69%	19%	0%	1%	6%	4%
Median Trip Length: (kilometres)							
		9.2	5.4	53.1	63.2		
Trips Made to Ward 3							
Time Period	Trips	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	3,600	44%	18%	*	*	24%	13%
24 hours	21,000	66%	19%	*	1%	9%	5%



* is used to denote categories that have less than four observations or survey records



DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 4,800

TOTAL POPULATION: 13,700

Dwelling Type	House	Townhouse	Apartment
	91%	*	9%

Household Size (persons)	Household Size			
	1	2	3	4
	17%	33%	15%	23%
				5+
				12%

No. of Available Vehicles	No. of Available Vehicles			
	0	1	2	3
	4%	31%	45%	16%
				4+
				3%

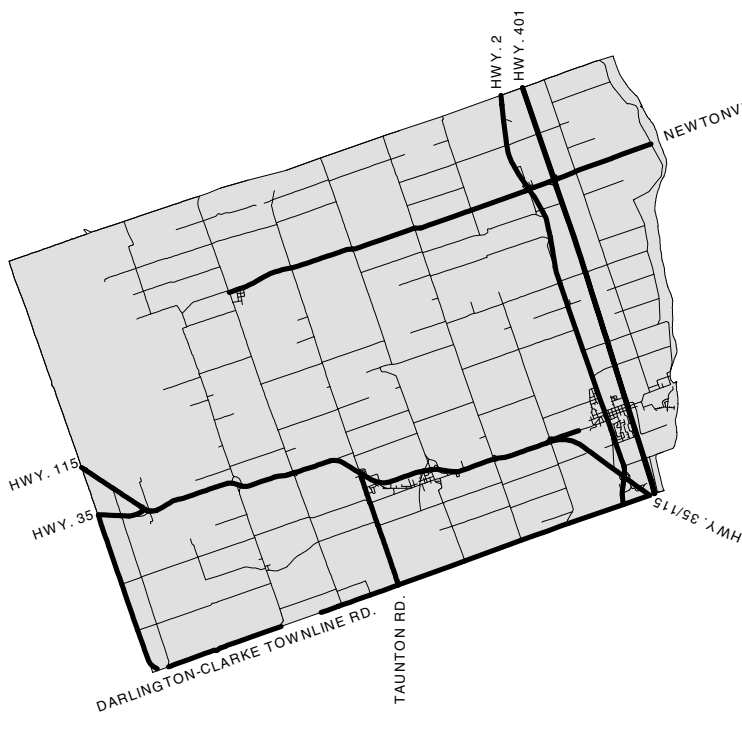
Household Averages	Household Averages			
	Persons	Workers	Drivers	Vehicles
	2.9	1.3	1.9	1.9
				Trips/Day
				6.0

Male	Population	Transit Pass	Licenced Drivers	Student	Employment Status		
					Full time	Part time	Work at Home
	6,800	1%	67%	26%	45%	2%	5%
	6,900	2%	64%	25%	26%	12%	2%
	On survey day: Made work trip			84%	60%	38%	*

Occupation Type	Occupation Type			
	Clerical	Manufacturing	Professional	Sales & Service
	9%	29%	42%	20%

Age	Median	Age Groups			
		0-10	11-15	16-25	26-45
	35.8	18%	9%	8%	30%
					46-64
					22%
					65+
					11%

Daily trips/Person (age 11+): 2.6



TRAVEL PATTERNS

TRIP PURPOSE

Trips Made by Residents of Ward 4

Time Period	Trips	Trip Purpose Category			
		HB-W	HB-S	HB-D	N-HB
6 - 9 a.m.	6,200	21.3%	26%	17%	7%
24 hours	29,100	29%	11%	43%	17%

Percentage of trips made within district: 6-9 a.m. = 25% 24 hours = 23%

Trips Made to Ward 4

Time Period	Trips	Destination Purpose		
		Work	School	Home
6 - 9 a.m.	2,600	13.4%	27%	43%
24 hours	19,400	6%	6%	62%

MODE OF TRAVEL

Trips Made by Residents of Ward 4

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	6,200	67%	7%	*	2%	3%
24 hours	29,100	73%	14%	1%	1%	2%
						Other
						21%

Median Trip Length: (kilometres)
15.2 15.6 23 68.8

Trips Made to Ward 4

Time Period	Trips	Mode of Travel				
		Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle
6 - 9 a.m.	2,600	52%	5%	*	*	7%
24 hours	19,400	70%	15%	1%	1%	3%
						Other
						35%

* is used to denote categories that have less than four observations or survey records