

# TRANSPORTATION TOMORROW SURVEY 2011

## BACKGROUND

The first attempt at a comprehensive travel survey was the Metropolitan Toronto and Region Transportation Study (MTARTS), which in 1964 conducted the first comprehensive urban travel survey using home interviews at a sample of approximately 3% of the households in the Toronto area. At that time, the survey area included most of the urban area. Subsequently, the urban area expanded and was sub-divided into a collection of regional jurisdictions. Each jurisdiction then undertook various travel surveys.

Urban travel on the road and transit system does not respect jurisdictional boundaries. A committee established to discuss common transportation issues at the time of jurisdictional changes recognized this limitation. The first Transportation Tomorrow Survey (TTS) initiated by the coordinating committee (Toronto Area Transportation Planning Data Collection Steering Committee) was undertaken in 1986 when it was recognized that the fragmented approach to collecting urban travel information was not providing a complete representation.

The extensive use of the original TTS data led to the establishment of periodic updates and consequently a Transportation Tomorrow Survey (TTS) has been conducted every five years since 1986 using essentially the same survey method.

The 2011 Transportation Tomorrow Survey (TTS) is the sixth in a series of comprehensive travel surveys conducted every five years in the Greater Toronto and Hamilton Area (GTHA) and surrounding areas. The TTS contains detailed demographic information on all members of a surveyed household and a ledger of travel information for an entire weekday.

## AREA OF COVERAGE

As the urban area surrounding Toronto continued to grow and surrounding communities became less isolated, it became apparent a wider area of coverage would be beneficial.

The initial TTS surveys in 1986 and 1991 were initiated by government agencies in the GTHA and the area of coverage reflected that initiative. However, because of the growing urban transportation interaction between the GTHA and the surrounding areas, other surrounding communities were invited to participate in later surveys.

PARTICIPATING JURISDICTIONS																				
	City of Hamilton	City of Toronto	Regional Municipality of Durham	Regional Municipality of Halton	Regional Municipality of Peel	Regional Municipality of York	City of Kawartha Lakes	City of Barrie	City of Brantford	City of Guelph	City of Orillia	City of Peterborough	County of Brant	County of Dufferin	County of Peterborough	County of Simcoe	County of Wellington	Regional Municipality of Niagara	Regional Municipality of Waterloo	Town of Orangeville
2011 TTS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	p	•	p		•	•
2006 TTS	•	•	•	•	•	•	•	•	•	•	•	•		•	p	•	p		•	•
2001 TTS	•	•	•	•	•	•	•	•	•	•	•	•			p	•	p			•
1996 TTS	•	•	•	•	•	•	•	•		•		•			p	p	p			•
1991 TTS	•	•	•	•	•	•														•
1986 TTS	•	•	•	•	•	•														

p: part of jurisdiction



## REPORT CONTENT

The purpose of this report is to summarize the Transportation Tomorrow Survey data for the GTHA according to municipal boundaries. The summary is presented in tabular format at three levels of detail, namely the Greater Toronto and Hamilton Area, each of the six Regional Municipalities and each of their respective local municipalities. 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. Data from four of the six surveys, 1986, 1996, 2006 and 2011 are presented in this report.

Although the four surveys differ in survey area, the information in this report has been made compatible to present a true comparison between the years presented. Hence, the information in this report includes only GTHA households. A summary of the 2011 survey data for the entire survey area is presented in the 2011 TTS report, "2011, 2006, 1996 and 1986 Travel Survey Summaries".

Information in this report is based on Version 3.1 of the 1986 TTS database, Version 2.1 of the 1996 TTS database, Version 1.0 of the 2006 TTS database and Version 1.0 of the 2011 TTS database.

This report provides information on demographic and travel characteristics. The information is presented by local municipalities and summarized by regional municipalities and for the entire GTHA. Note that trips made by residents include trips in and out of the GTHA and that trips made to the area include only trips made by GTHA residents. In total there are 36 local municipalities and six regional municipalities in the GTHA. In addition, there is a separate summary for historical areas of the Cities of Hamilton and Toronto.

To reflect the fact that all numbers presented in this report are estimates based on expanded survey data, all numeric figures are rounded. Totals and subtotals are rounded to the nearest 100 for all data presented in this report. All percentages are rounded to the nearest integer. No information is presented for categories that have less than four observations or survey records. These categories are denoted by an asterisk (\*). Some categories were not part of the survey for all 4 years listed and n/a was used to denote that no information is available for a characteristic for a given year.

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.

A definition of terms is displayed interactively if the pdf file is downloaded. Simply hold the cursor over the variable in question and a pop-up box will display the information.

For complete and detailed coverage of all aspects of the surveys, please refer to the reports available at:

<http://www.dmg.utoronto.ca/reports/ttsreports.html>