

2011 TRANSPORTATION TOMORROW SURVEY CITY OF HAMILTON SUMMARY BY WARDS



ACKNOWLEDGEMENTS

The 2011 Transportation Tomorrow Survey (TTS) was conducted on behalf of 23 local, regional, provincial and transit operating agencies in the Greater Toronto and surrounding regions. The members of the TTS Survey Technical Committee are represented by the following agencies:

City of Barrie City of Brantford City of Guelph City of Hamilton City of Kawartha Lakes

City of Orillia

City of Peterborough City of Toronto

County of Brant County of Dufferin

County of Peterborough

County of Simcoe

County of Wellington

Metrolinx

Ministry of Transportation, Ontario Regional Municipality of Durham Regional Municipality of Halton Regional Municipality of Niagara Regional Municipality of Peel Regional Municipality of Waterloo Regional Municipality of York Toronto Transit Commission Town of Orangeville

This report was prepared for the Transportation Information Steering Committee (TISC) by the Data Management Group (DMG) at the Department of Civil Engineering, University of Toronto. The Steering Committee, formerly known as the Toronto Area Transportation Planning Data Collection Steering Committee (TATPDCSC), which also conducted the 1986, 1991, 1996, 2001 and 2006 TTS, is represented by the Ontario Ministry of Transportation, Cities of Toronto and Hamilton, Regional Municipalities of Durham, Halton, Peel and York, Metrolinx and the Toronto Transit Commission. The contributions of the above supporting agencies to the production of this report and to the ongoing work of the DMG are gratefully acknowledged.

FURTHER INFORMATION

The Transportation Tomorrow Survey (TTS) are parts of an ongoing data collection program by the Transportation Information Steering Committee (TISC). The survey data (2011, 2006, 2001, 1996, 1991 and 1986) are currently under the care of the Data Management Group. This group is responsible for maintaining the TTS databases and making available appropriate travel information for any urban transportation study in the area. Requests for information from the TTS, or enquiries related to the contents of this report, should be directed to the address below.

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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.

					PA	RTI	CIPA	TIN	G J	URI	SDI	CTIC	ONS							
	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	р	•	р	•	•	•
2006 TTS	•	•	•	•	•	•	•	•	•	•	•	•		•	р	•	р	•	•	•
2001 TTS	•	•	•	•	•	•	•	•		•	•	•			р	•	р	•		•
1996 TTS	•	•	•	•	•	•	•	•		•		•			р	р	р	•	•	•
1991 TTS	•	•	•	•	•	•														
1986 TTS	•	•	•	•	•	•		iuriedi												

p: part of jurisdiction

SURVEY MAGNITUDE

In every survey, a random sample of households in the survey area was provided by a telephone subscriber listing service. In 1991, a smaller sample was obtained in developed urban areas. Otherwise, the size of the sample was determined as required to obtain a 5% sample of the occupied dwelling units.

	R	ECORDS AND	ESTIMATES	FOR HAMIL	TON	
	House	eholds	Pers	sons	Tri	ips
	Records	Expanded Total	Records	Expanded Total	Records	Expanded Total
2011 TTS	10,500	204,900	25,300	519,800	53,400	1,106,500
2006 TTS	10,000	194,500	25,200	487,100	54,900	1,054,300
2001 TTS	10,200	188,900	26,500	485,900	58,700	1,070,100
1996 TTS	8,600	179,100	22,400	462,000	47,300	972,500
1991 TTS	2,100	168,800	6,300	444,800	13,900	956,500
1986 TTS	6,600	156,300	18,000	423,400	40,700	950,000

SURVEY CONTENT

All TTS are a retrospective survey of travel taken by every member (age 11 of over) of the household during the day previous to the telephone (or web) contact. Until 2011, all information was collected by an experienced interviewer over the telephone. In 2011, the household was given the option of a telephone interviewer or completing the interview on-line.

The information collected and the method of collection has remained consistent over the six survey and includes, characteristics of the household, characteristics of each person in the household, and details of the trips taken by each member of the household. Trip information includes details of any trips taken by transit.

Before each survey, the questions asked were reviewed and some additions made, which reflect the changing interests of the participating agencies.

						INF	ORN	IATI	ON	COL	LEC	TEI)							
				[Demo	graphi	c Infor	matior	า						Tra	avel In	format	ion		
		ouseho						Persor						Nature				Means		
	Cna	<u>racteri</u>	Stics				Cna	<u>racteri</u>						of Trip			<u>0</u>	f Trav	el	
	Dwelling Unit Type	Number of Persons	Vehicles Available	Age	Age Gender Possession of Driver's Licence Usual Place of Work Location Usual Place of School Location Free Parking at Usual Place of Work Possession of Transit Pass Occupation Type							Work at Home	Start time	Purpose of Trip	Origin and Destination Points	Travel Mode	Vehicle Occupancy	Used ETR407	Detailed Transit Routes	GO Train & Subway Stations used
2011 TTS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2006 TTS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•
2001 TTS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•
1996 TTS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
1991 TTS 1986 TTS		•	•	•	•	•	•	•	•				•	•	•	•			•	

REPORT CONTENT

The purpose of this report is to summarize the 2011 Transportation Tomorrow Survey data at the Ward level for the City of Hamilton. The summary is presented in tabular format at different levels of detail, namely the Greater Toronto and Hamilton Area, the City of Hamilton and its 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.

Information in this report is based on Version 1.0 of the 2011 TTS database.

This report provides information on demographic and travel characteristics. Note that trips made by residents include trips into and out of the GTHA and that trips made to the area include only trips made by GTHA residents. In total there are 15 wards in the City of Hamilton.

For more historical TTS data please refer to the 2011 reports, "2011, 2006, 1996 and 1986 Travel Survey Summaries for the Greater Toronto and Hamilton Area" and the "2011, 2006, 1996 and 1986 Travel Survey Summaries".

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 (*).

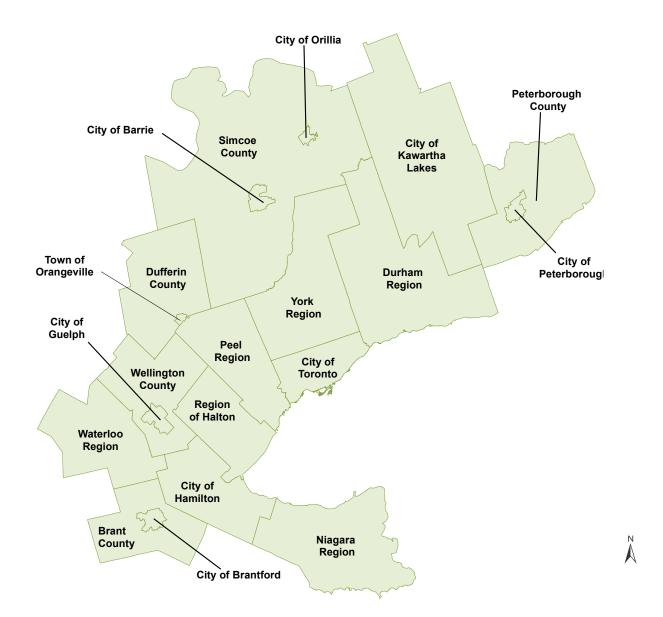
Invalid survey responses are dealt with in two ways. The response is grouped under the "other" category if one is available (travel mode, for example). Otherwise, invalid responses are distributed proportionately (based on the valid responses) between the available categories.

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

2011 TRANSPORTATION TOMORROW SURVEY AREA



AREA SUMMARIES

GREATER TORONTO AND HAMILTON AREA





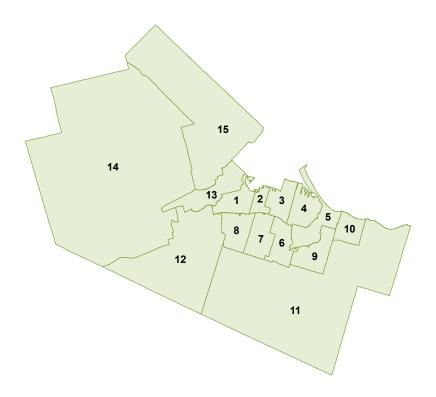
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	₩		က	4	5+	0		2		+4	Persons	Workers	Drivers	Vehicles	Trips/day
2,366,100	63%	9%	29%	19%	31%	20%	20%	11%	13%	40%	36%	8%	2%	2.8	1.5	1.8	1.5	5.8

						POPU	LATIO	N CH	ARAC	CTERIST	ICS					
				Age				_ _	SC		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		ian	aily .	er'				Male			
			- 9	26 -	- 9	2+	1edian	Da)ail p	3,187,500	42%	7%	5%	25%	70%	11%
	0	_		7	4	9	2	п.					Female			
6,577,200	12%	6%	14%	29%	26%	13%	39.4	2.4	0.75	3,389,700	31%	11%	4%	23%	62%	13%

				1	TRIPS	MAD	E BY T	HE RE	SIDEN	TS OF	GTHA					
Time	Trino	0/ 04 bs		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	m)
Period	Trips	% 24 hr	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	3,212,100	23.6%	46%	21%	22%	11%	58%	13%	14%	3%	8%	3%	7.2	3.2	7.7	30.1
24 Hours	13,617,800		31%	12%	41%	16%	62%	16%	13%	2%	6%	2%	5.5	4.0	6.8	30.5

						1	RIPS N	MADE	TO GTI	HA						
Time	Tuina	0/ 04 hr		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	3,168,200	23.5%	51%	22%	6%	21%	58%	13%	15%	3%	8%	3%	7.2	3.2	7.7	30.1
24 Hours	13,467,100		18%	7%	42%	33%	62%	16%	13%	2%	6%	2%	5.5	4.0	6.8	30.5

CITY OF HAMILTON





						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	₩		က		5+	0		2		++	Persons	Workers	Drivers	Vehicles	Trips/day
204,900	68%	8%	24%	23%	35%	17%	16%	8%	14%	40%	35%	8%	3%	2.5	1.3	1.7	1.5	5.4

						POPU	LATIO	N CH	ARAC	CTERIST	ICS					
				Age				_ _	SC		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		edian	aily .	er'				Male			
		<u>'</u>	- 9	26 -	- 9	2+	Jed Jed	Da	Dail p	252,600	39%	7%	4%	22%	70%	8%
	0	_		7	4	9	2	п.					Female			
519,800	12%	6%	13%	26%	27%	16%	40.7	2.4	0.72	267,200	28%	12%	3%	21%	63%	9%

				TRIP	S MAI	DE BY	/ RESI	DENTS	OF CI	TY OF	HAMILT	ON				
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	m)
Period	rnps	% 24 M	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	231,600	21.0%	45%	22%	22%	11%	65%	12%	8%	1%	8%	6%	6.5	3.4	4.3	61.3
24 Hours	1,106,500		28%	11%	44%	18%	67%	17%	7%	1%	5%	3%	5.1	3.9	4.1	60.8

					TR	IPS N	IADE T	O CIT	OF H	AMILTO	ON					
Time	Tuina	0/ 04 bs		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	km)
Period	Trips	% 24 hr	Work	Work School Home Other				Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	197,500	19.5%	42%	27%	7%	24%	61%	13%	9%	0%	10%	7%	5.3	3.2	4.6	30.2
24 Hours	1,012,500		13%	7%	45%	36%	66%	17%	8%	0%	6%	3%	4.7	3.7	4.2	60.0







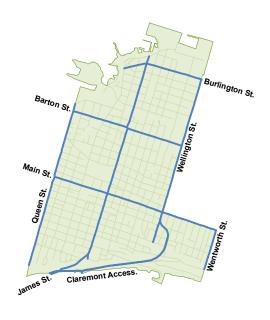
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-	2	ю	4	5+	0		2		++	Persons	Workers	Drivers	Vehicles	Trips/day
13,900	63%	2%	35%	28%	36%	17%	12%	6%	18%	48%	27%	5%	1%	2.4	1.2	1.5	1.2	5.1

						POPU	LATIC	N CH	IARAC	CTERISTI	CS					
				Age				per 11+)	sdi.		Em	ployment T	уре			
Population								Trips (age	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		dian	Daily ⁻ erson	aily V per '				Male			
			- 9	26 -	16 -	2+	Jed Jed	Da)ail p	16,100	37%	9%	4%	25%	68%	14%
	0		_	2	4	9	2	<u> </u>					Female			
32,800	10%	5%	14%	26%	29%	16%	42.2	2.4	0.70	16,700	29%	12%	4%	22%	62%	15%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	1			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode o	of Travel			Me	edian Trip	Length (k	km)
Period	rnps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	14,200	19.9%	47%	23%	19%	10%	56%	12%	9%	2%	19%	3%	5.9	2.7	2.9	61.3
24 Hours	71,100		28%	13%	43%	17%	58%	17%	9%	1%	13%	2%	4.3	2.9	2.8	61.3

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WAI	RD 1					
Time	Tring	0/ 04 bz		Trip Pu	ırpose				Mode o	of Travel			Me	edian Trip	Length (k	km)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	24,400	27.0%	36%	43%	2%	18%	48%	13%	22%	1%	10%	6%	6.3	4.6	7.9	35.4
24 Hours	90,300		15%	19%	33%	33%	56%	16%	15%	1%	10%	3%	4.9	3.8	5.5	48.9







						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dv	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-	2	င	4	5+	0	-	2		4+	Persons	Workers	Drivers	Vehicles	Trips/day
18,500	27%	1%	71%	48%	30%	9%	9%	4%	39%	47%	12%	1%	0%	1.9	0.9	1.1	0.8	3.5

						POPU	LATIO	N CH	ARAC	TERIST	ICS					
				Age				ا +	sd		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		ian	aily [.] son	er'				Male			
		<u>'</u>	- 9	26 -	- 9	2+	1edian	Da	Dail	17,100	37%	8%	3%	19%	62%	14%
	0			7	4	9	2	п.					Female			
35,600	10%	4%	12%	31%	28%	15%	40.6	2.0	0.71	18,500	25%	12%	3%	21%	51%	14%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	2			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	mps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	12,700	19.4%	50%	19%	20%	10%	49%	12%	17%	2%	18%	2%	5.1	2.3	3.4	58.4
24 Hours	65,300		30%	10%	41%	18%	52%	17%	16%	1%	12%	2%	3.6	3.5	3.1	58.4

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WAI	RD 2					
Time	Tring	% 24 hr		Trip Pu	urpose				Mode c	of Travel			Мє	edian Trip	Length (k	m)
Period	Trips	% 24 M		School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	24,900	29.0%	66%	12%	4%	19%	62%	11%	16%	1%	10%	0%	6.0	4.7	4.4	21.1
24 Hours	86,000		26%	4%	31%	39%	56%	15%	17%	1%	10%	1%	4.9	4.1	3.6	58.2







						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-			4	5+	0		2		++	Persons	Workers	Drivers	Vehicles	Trips/day
16,700	71%	1%	28%	30%	34%	16%	12%	7%	29%	45%	21%	4%	1%	2.4	1.1	1.3	1.0	4.5

						POPU	LATIO	N CH	IARAC	CTERIST	ICS					
				Age				ے (SC		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		edian	aily .	> \				Male			
			- 9	26 -	- 9	2+	led 	Da	Dail p	18,900	35%	8%	3%	19%	60%	10%
	0	_		7	4	9	2	п.					Female			
39,600	12%	6%	11%	29%	27%	16%	40.6	2.2	0.69	20,700	26%	11%	3%	21%	47%	13%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	3			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode o	of Travel			Me	edian Trip	Length (k	km)
Period	rnps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	15,900	21.1%	39%	25%	25%	11%	56%	13%	15%	1%	12%	3%	4.2	3.5	3.1	57.4
24 Hours	75,200		27%	13%	44%	16%	58%	16%	15%	1%	9%	2%	3.9	3.6	3.5	57.2

					TRIF	PS TO	CITY (OF HAI	MILTO	1 - WAI	RD 3					
Time	Tripo	% 24 hr		Trip Pu	urpose				Mode c	of Travel			Me	edian Trip	Length (k	m)
Period	Trips	% 24 N		School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	15,600	23.1%	54%	20%	7%	20%	65%	11%	10%	*	11%	3%	5.9	2.9	3.4	*
24 Hours	67,500		18%	5%	46%	31%	60%	15%	12%	0%	9%	3%	4.5	3.6	3.5	57.9







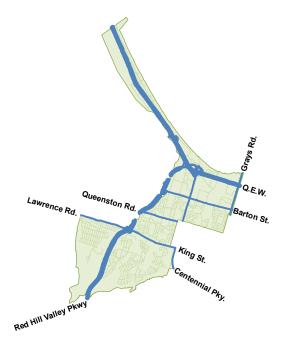
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold (N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages			
Households	House	Townhouse	Apartment	-	2	က	4	5+	0		2	е	++	Persons	Workers	Drivers	Vehicles	Trips/day
15,300	78%	2%	19%	26%	37%	17%	13%	7%	19%	48%	28%	4%	1%	2.4	1.2	1.4	1.2	4.8

						POPU	LATIO	N CH	IARAC	TERIST	ICS					
				Age				<u>-</u> ∓	sd		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		ian	aily '	y v				Male			
			- 9	26 -	- 9	2+	1edian	Da ers	Daii	17,500	42%	5%	3%	18%	65%	7%
	0	-		2	4	9	2						Female			
37,000	13%	5%	13%	30%	28%	11%	37.7	2.3	0.76	19,600	30%	14%	2%	20%	55%	12%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE) 4			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode o	of Travel			Мє	edian Trip	Length (k	km)
Period	rnps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	15,300	20.7%	50%	19%	21%	10%	61%	12%	13%	*	11%	3%	5.8	4.4	5.3	*
24 Hours	73,900		33%	9%	42%	16%	63%	16%	12%	0%	7%	2%	4.5	4.0	5.0	47.4

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WAF	RD 4					
Time	Tring	0/ 04 hm		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	(m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	12,400	18.4%	48%	21%	7%	23%	67%	11%	5%	*	15%	2%	5.4	2.5	3.7	*
24 Hours	67,400		16%	4%	46%	34%	65%	16%	9%	0%	8%	2%	4.3	3.4	4.2	47.4







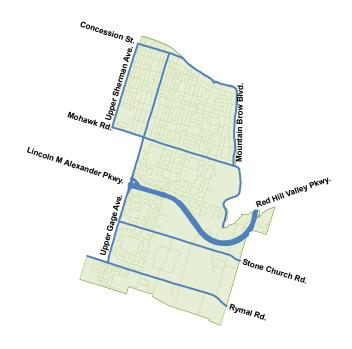
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-			4	5+	0		2		++	Persons	Workers	Drivers	Vehicles	Trips/day
15,000	45%	14%	40%	24%	34%	19%	16%	7%	17%	47%	29%	6%	2%	2.5	1.1	1.6	1.3	5.0

						POPU	LATIO	N CH	IARAC	CTERIST	ICS					
				Age				_ _	SC		Em	ployment 1	уре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		edian	aily .	y v				Male			
	1	<u> </u>	- 9	26 -	- 9	2+	Jed Jed	Da	Dail p	18,200	36%	7%	3%	22%	70%	9%
	0	~	~	7	4	9	2	п.					Female			
37,700	12%	5%	14%	26%	25%	18%	40.6	2.3	0.78	19,500	24%	12%	2%	22%	58%	10%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	5			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	km)
Period	mps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	15,300	20.3%	44%	26%	22%	8%	60%	14%	13%	*	9%	4%	6.2	3.9	7.1	*
24 Hours	75,700		29%	12%	42%	17%	62%	21%	10%	0%	5%	2%	4.5	3.7	7.1	50.7

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WA	RD 5					
Time	Tring	0/ 04 hz		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	(m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	13,600	18.3%	46%	27%	7%	20%	61%	12%	7%	*	10%	10%	5.8	2.5	3.2	*
24 Hours	74,400		13%	5%	42%	39%	63%	20%	9%	*	5%	3%	4.3	3.5	5.2	*







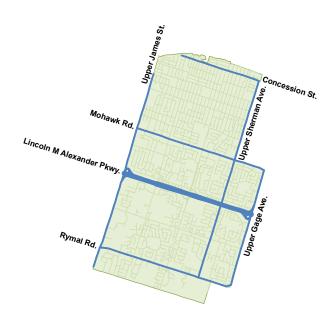
						HOU	SEHO	LD C	HARA	ACTE	RISTIC	cs						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	umber of	Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-	2		4	5+	0	₩.	2		++	Persons	Workers	Drivers	Vehicles	Trips/day
14,800	67%	10%	23%	24%	39%	16%	15%	7%	14%	46%	30%	8%	2%	2.4	1.2	1.6	1.4	5.4

					F	POPU	LATIO	N CH	ARA (CTERISTI	ICS					
				Age				per 11+)	sdi .		Em	oloyment T	уре			
Population								Trips pe (age 11	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		ian	aily son	o V	·			Male			
	1.0		- 9	26 -	- 9	2+	/ledian	Da	Dail	17,300	38%	7%	2%	20%	71%	9%
	0		_	7	4	9	2	п.					Female			
36,200	11%	5%	13%	25%	26%	19%	43.2	2.5	0.72	18,900	29%	13%	3%	19%	63%	13%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	6			
Time	Trino	% 24 hr		Trip Pu	ırpose				Mode o	of Travel			Me	edian Trip	Length (k	km)
Period	Trips	70 24 111	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	16,300	20.5%	43%	19%	26%	11%	65%	15%	9%	*	8%	3%	5.0	3.1	4.3	*
24 Hours	79,600		26%	9%	48%	16%	66%	20%	8%	0%	5%	2%	4.1	3.4	3.9	60.6

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WA	RD 6					
Time	Tripo	% 24 hr		Trip Pu	urpose				Mode c	of Travel			Me	edian Trip	Length (k	m)
Period	Trips	% 24 N	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	11,100	17.2%	35%	29%	11%	25%	59%	14%	9%	*	11%	7%	4.4	3.0	3.7	*
24 Hours	64,400		9%	5%	52%	34%	66%	19%	7%	*	5%	2%	3.9	3.3	3.7	*







						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	₩.		က	4	2+	0		2		+4	Persons	Workers	Drivers	Vehicles	Trips/day
22,500	76%	7%	17%	19%	33%	20%	17%	11%	12%	43%	37%	6%	2%	2.7	1.3	1.8	1.4	6.0

						POPU	LATIO	N CH	ARAC	CTERIST	ICS					
				Age				ا +	sd		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		edian	Son	o ×				Male			
			- 9	26 -	- 9	2+	led	Dai)ail p	30,200	38%	8%	2%	26%	68%	10%
	0			7	4	9	2		_				Female			
61,500	12%	6%	16%	25%	26%	14%	38.9	2.5	0.71	31,300	29%	13%	3%	24%	61%	10%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	7			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	km)
Period	mps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	29,800	22.2%	38%	24%	25%	12%	60%	17%	11%	1%	7%	3%	4.3	3.1	3.9	62.2
24 Hours	134,100		26%	13%	45%	17%	63%	21%	9%	0%	5%	2%	3.8	3.1	3.8	62.1

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WAI	RD 7					
Time	Tring	0/ 04 bz		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	km)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	20,400	16.1%	31%	24%	11%	34%	62%	15%	5%	*	10%	7%	3.1	1.9	2.8	*
24 Hours	127,100		9%	4%	44%	43%	64%	21%	7%	0%	5%	2%	3.3	2.8	3.6	62.8







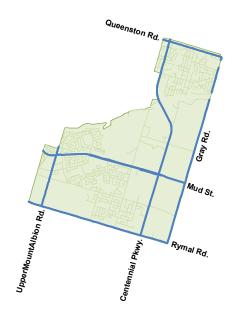
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-			4	2+	0		2	е	4+	Persons	Workers	Drivers	Vehicles	Trips/day
17,600	72%	16%	12%	17%	34%	21%	18%	10%	9%	41%	39%	8%	3%	2.7	1.4	1.8	1.6	5.9

						POPU	LATIO	N CH	ARAC	TERIST	ICS					
				Age				<u>+</u> +	sd		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		<u>ia</u> n	aily [·] son	er'				Male			
			- 9	26 -	- 9	2+	1edian	Da ers	Dail	23,500	39%	8%	3%	22%	71%	8%
	0			2		9	2	Ф.					Female			
48,200	13%	6%	14%	27%	24%	17%	39.1	2.5	0.73	24,700	28%	13%	3%	21%	63%	8%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	8 (
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	mps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	23,100	22.1%	44%	21%	23%	12%	66%	13%	6%	1%	10%	5%	4.6	2.8	3.6	63.8
24 Hours	104,500		27%	11%	44%	18%	68%	18%	5%	1%	6%	3%	4.2	3.3	3.7	64.4

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WA	RD 8					
Time	Trino	0/ 04 bz		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	(m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	22,900	23.1%	26%	43%	6%	25%	53%	18%	11%	*	10%	9%	4.0	3.2	3.8	*
24 Hours	99,300		9%	13%	43%	35%	65%	18%	7%	0%	6%	4%	3.9	3.3	3.7	64.3







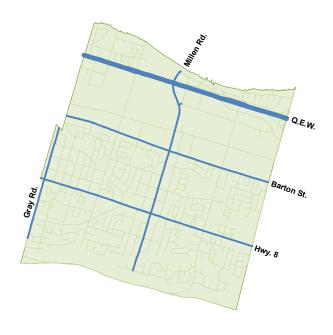
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dw	velling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	_		င	4	2+	0		2		4+	Persons	Workers	Drivers	Vehicles	Trips/day
9,500	64%	16%	20%	18%	32%	18%	19%	13%	8%	37%	41%	10%	3%	2.8	1.3	1.9	1.6	6.0

						POPU	LATIO	N CH	ARAC	TERIST	ICS					
				Age				ا +	sd		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		<u>ia</u> n	aily [.] son	er'				Male			
			- 9	26 -	- 9	2+	1edian	Da	Dail	13,000	41%	6%	2%	22%	71%	7%
	0			2	4	9	2						Female			
26,700	14%	7%	13%	27%	26%	13%	37.8	2.5	0.74	13,700	30%	10%	2%	22%	64%	7%

			TRIP	S MA	DE B	Y RES	IDENT	S OF C	CITY O	F HAMI	LTON -	WARE	9			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	mps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	12,700	22.0%	43%	24%	22%	12%	69%	11%	3%	2%	6%	9%	7.2	4.5	10.0	61.2
24 Hours	57,700		27%	12%	44%	18%	70%	18%	3%	1%	4%	4%	5.5	4.3	9.2	61.2

					TRIF	PS TO	CITY (OF HAI	MILTO	N - WA	RD 9					
Time	Trino	0/ 04 hz		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	(m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	8,000	15.7%	25%	38%	10%	27%	57%	14%	5%	*	12%	12%	3.8	1.6	3.6	*
24 Hours	50,900		7%	7%	47%	40%	68%	19%	3%	0%	5%	4%	4.7	3.7	5.7	61.4







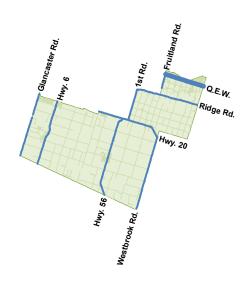
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	velling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-	2	က	4	5+	0		2	е	4+	Persons	Workers	Drivers	Vehicles	Trips/day
7,900	71%	16%	14%	20%	40%	18%	14%	7%	6%	36%	39%	14%	4%	2.5	1.2	2.0	1.7	5.1

					F	POPU	LATIO	N CH	ARA (CTERISTI	ICS					
				Age				per 11+)	sdi .		Em	oloyment T	уре			
Population								Trips pe (age 11	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		ian	aily ⁻ son	o V	·			Male			
	1.0		- 9	26 -	- 9	2+	/edian	Da	Dail	9,600	39%	6%	5%	17%	80%	5%
	0		_	7	4	9	2	ı.					Female			
19,800	6%	4%	13%	21%	31%	24%	50.3	2.2	0.74	10,300	27%	11%	3%	15%	76%	3%

			TRIP	S MAI	DE BY	'RES	IDENT	S OF C	ITY OF	HAMII	LTON -	WARD	10			
Time	Tring	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	km)
Period	Trips	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	8,500	20.8%	51%	19%	21%	9%	74%	11%	3%	2%	7%	3%	8.5	1.9	13.9	54.2
24 Hours	41,000		30%	10%	46%	15%	75%	16%	3%	1%	3%	2%	5.3	3.3	13.1	54.6

					TRIP	S TO	CITY C	F HAN	IILTON	I - WAR	D 10					
Time	Tring	% 24 hr		Trip Pu	urpose				Mode o	of Travel			Мє	edian Trip	Length (k	m)
Period	Trips	70 24 111		School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	7,400	22.2%	52%	24%	6%	18%	69%	11%	4%	*	7%	9%	6.1	3.4	10.7	*
24 Hours	33,600		17%	6%	51%	26%	74%	15%	4%	0%	4%	3%	5.6	3.6	9.9	54.6







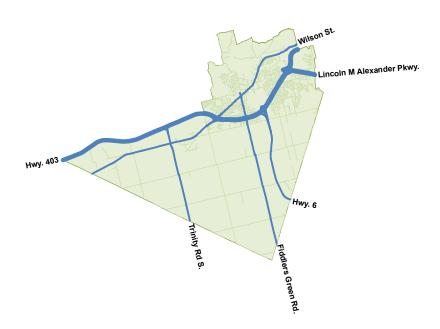
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-	2	ю	4	2+	0		2	е	4+	Persons	Workers	Drivers	Vehicles	Trips/day
15,000	82%	16%	3%	12%	38%	19%	22%	10%	2%	24%	56%	14%	5%	2.8	1.6	2.0	2.0	5.9

					ŀ	POPU	LATIO	N CH	ARAC	CTERIST	CS					
				Age				per 11+)	sdi .		Em	oloyment 1	уре			
Population								Trips (age	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		1edian	aily '	er <				Male			
	1.0		- 9	26 -	- 9	2+	led	Da	Dail	21,100	46%	5%	5%	19%	74%	3%
	0		~	7	4	9	2	<u> </u>					Female			
42,600	18%	4%	8%	32%	24%	13%	37.8	2.5	0.73	21,500	33%	11%	4%	17%	72%	2%

			TRIP	S MAI	DE BY	'RES	IDENT	S OF C	ITY OF	HAMII	LTON -	WARD	11			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	rnps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	18,600	21.2%	52%	17%	18%	12%	79%	6%	1%	1%	1%	11%	14.0	8.8	13.0	53.7
24 Hours	88,100		31%	8%	41%	20%	80%	13%	1%	0%	1%	5%	10.5	8.8	12.9	53.7

					TRIP	S TO	CITY C	F HAN	IILTON	I - WAR	D 11					
Time	Trino	0/ 04 hz		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	7,400	13.3%	52%	12%	11%	25%	80%	9%	1%	*	2%	8%	7.9	9.8	13.8	*
24 Hours	55,400		12%	2%	64%	23%	79%	13%	1%	0%	1%	5%	9.8	8.8	10.9	53.7







						HOU	SEHO	LD C	HARA	ACTE	RISTIC	cs						
	Dw	elling Ty	ре		Ног	usehold S	Size		N	umber of	Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-	2		4	5+	0	₩.	2		++	Persons	Workers	Drivers	Vehicles	Trips/day
12,800	80%	14%	6%	16%	35%	20%	21%	8%	3%	28%	52%	11%	5%	2.7	1.5	2.0	1.9	6.4

						POPU	LATIO	N CH	ARAC	CTERIST	ICS					
				Age				<u>+</u> بـ	sd		Em	ployment 1	Гуре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		edian	Fi ö	o ×				Male			
			- 9	26 -	- 9	2+	Jed	Dai ers)ail	17,700	38%	6%	7%	27%	72%	7%
	0			2	4	9	2	Ф.	_				Female			
34,900	14%	7%	12%	24%	28%	15%	41.1	2.7	0.70	17,300	26%	12%	5%	20%	74%	4%

			TRIP	S MAI	DE BY	'RES	IDENT	S OF C	ITY OF	HAMII	LTON -	WARD	12			
Time	Tring	% 24 hr		Trip Pu	urpose				Mode o	of Travel			Me	edian Trip	Length (F	km)
Period	Trips	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	16,400	19.9%	43%	21%	23%	13%	72%	12%	3%	2%	3%	9%	8.3	4.4	4.7	67.0
24 Hours	82,400		24%	10%	45%	20%	74%	16%	2%	1%	2%	4%	6.2	5.0	5.3	66.9

					TRIP	S TO	CITY C	F HAN	IILTON	- WAR	D 12					
Time	Tring	0/ 04 hz		Trip Pu	ırpose				Mode o	f Travel			Me	edian Trip	Length (k	m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	12,700	16.2%	41%	26%	5%	28%	68%	15%	2%	*	3%	12%	6.7	3.9	6.7	*
24 Hours	78,400		11%	5%	42%	43%	73%	18%	2%	0%	2%	4%	5.6	5.3	5.5	67.1







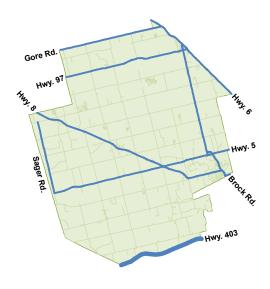
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	cs						
	Dw	velling Ty	ре		Ног	usehold S	Size		N	lumber of	f Availabl	e Vehicle	es		House	hold Ave	erages	
Households	House	Townhouse	Apartment	-	2		4	5+	0		2		4+	Persons	Workers	Drivers	Vehicles	Trips/day
10,600	59%	11%	30%	26%	40%	15%	15%	5%	9%	40%	42%	7%	1%	2.3	1.2	1.7	1.5	5.4

						POPU	LATIO	N CH	ARAC	CTERIST	CS					
				Age				per 11+)	sdi .		Em	oloyment 1	Гуре			
Population								Trips (age	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		ian	aily '	er <				Male			
	1.0		- 9	26 -	- 9	2+	1edian	Da	Dail	11,400	40%	6%	5%	17%	75%	6%
	0			7	4	9	2	<u> </u>					Female			
24,800	12%	4%	9%	24%	28%	22%	45.8	2.6	0.71	13,400	29%	9%	5%	15%	71%	8%

			TRIP	S MAI	DE BY	'RES	IDENT	S OF C	ITY OF	HAMII	_TON -	WARD	13			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	km)
Period	rnps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	11,400	19.8%	43%	16%	27%	14%	73%	11%	4%	1%	6%	5%	6.7	2.9	5.2	64.5
24 Hours	57,400		24%	7%	48%	21%	75%	15%	4%	1%	4%	2%	4.9	4.4	5.4	63.7

					TRIP	S TO	CITY C	F HAN	IILTON	I - WAR	D 13					
Time	Trino	0/ 04 hz		Trip Pu	ırpose				Mode o	of Travel			Мє	edian Trip	Length (k	(m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	6,400	14.6%	34%	24%	10%	32%	62%	15%	3%	*	10%	10%	2.9	2.3	7.3	*
24 Hours	43,600		8%	4%	52%	37%	73%	15%	3%	0%	5%	3%	4.1	3.9	6.0	64.1







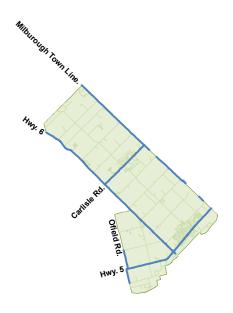
						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold (Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-		က	4	2+	0		2		4+	Persons	Workers	Drivers	Vehicles	Trips/day
5,700	98%	0%	2%	10%	48%	16%	12%	14%	1%	24%	52%	16%	7%	2.8	1.6	2.2	2.1	6.4

					F	POPU	LATIO	N CH	ARA (CTERISTI	ICS					
				Age				per 11+)	sdi .		Em	oloyment T	уре			
Population								Trips (age	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	10	15	25	45	64		edian	aily [·] son	er <				Male			
	1.0		- 9	26 -	- 9	2+	Jed	Da)ail p	7,900	38%	7%	12%	20%	79%	1%
	0			7	4	9	2	п.					Female			
16,100	11%	7%	14%	19%	31%	18%	45.2	2.6	0.67	8,200	24%	14%	6%	26%	77%	2%

			TRIP	S MAI	DE BY	'RES	IDENT	S OF C	ITY OF	HAMII	TON -	WARD	14			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	rnps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	7,400	20.2%	49%	22%	18%	10%	69%	11%	*	2%	2%	16%	17.8	11.4	*	64.0
24 Hours	36,900		26%	10%	43%	21%	75%	17%	*	1%	1%	6%	12.6	8.9	*	64.0

					TRIP	S TO	CITY C	F HAN	IILTON	I - WAR	D 14					
Time	Trino	0/ 04 hr		Trip Pu	ırpose				Mode o	of Travel			Me	edian Trip	Length (k	km)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	2,800	12.2%	49%	18%	6%	28%	71%	8%	*	*	*	17%	10.7	4.2	*	*
24 Hours	22,600		9%	2%	64%	25%	73%	18%	0%	1%	1%	7%	12.3	11.3	12.3	64.2







						HOU	SEHO	LD C	HAR	ACTE	RISTIC	CS						
	Dw	elling Ty	ре		Ног	usehold (Size		N	lumber of	f Availabl	e Vehicle	es		House	ehold Ave	erages	
Households	House	Townhouse	Apartment	-		က	4	5+	0		2	е	4+	Persons	Workers	Drivers	Vehicles	Trips/day
9,100	92%	3%	4%	12%	34%	20%	24%	9%	2%	19%	52%	19%	9%	2.9	1.8	2.2	2.2	7.0

						POPU	LATIO	N CH	ARAC	CTERIST	ICS					
				Age				ے (SC		Em	ployment 1	уре			
Population								Trips per (age 11+	Vork Trip Worker	Population	Full Time	Part Time	At Home	Student	Licenced	Transit
	9	15	25	45	64		edian	aily .	er'				Male			
			- 9	26 -	- 9	2+	Jed Jed	Da	Dail p	13,100	43%	6%	8%	26%	76%	3%
	0	_		7	4	9	2	п.					Female			
26,000	10%	9%	16%	22%	30%	13%	42.1	2.7	0.72	12,900	33%	13%	5%	24%	75%	3%

			TRIP	S MAI	DE BY	'RES	IDENT	S OF C	ITY OF	HAMII	TON -	WARD	15			
Time	Trips	% 24 hr		Trip Pu	ırpose				Mode c	of Travel			Мє	edian Trip	Length (k	km)
Period	mps	% 24 H	HB-W	HB-S	HB-D	N-HB	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	13,900	21.8%	52%	25%	16%	8%	70%	10%	*	2%	4%	13%	10.7	2.8	*	55.4
24 Hours	63,600		28%	12%	43%	17%	75%	16%	0%	1%	2%	6%	8.4	6.9	8.8	55.3

					TRIP	S TO	CITY C	F HAN	IILTON	I - WAR	D 15					
Time	Trino	0/ 04 hr		Trip Pu	ırpose				Mode c	of Travel			Me	edian Trip	Length (k	(m)
Period	Trips	% 24 hr	Work	School	Home	Other	Driver	Pass.	Transit	GO Train	Wlk & Cy	Other	Driver	Pass.	Transit	GO Train
6-9 AM	7,500	14.6%	39%	31%	7%	22%	62%	13%	*	*	9%	16%	8.0	2.1	*	*
24 Hours	51,600		9%	5%	51%	36%	73%	17%	*	1%	3%	6%	7.6	5.5	*	55.0