

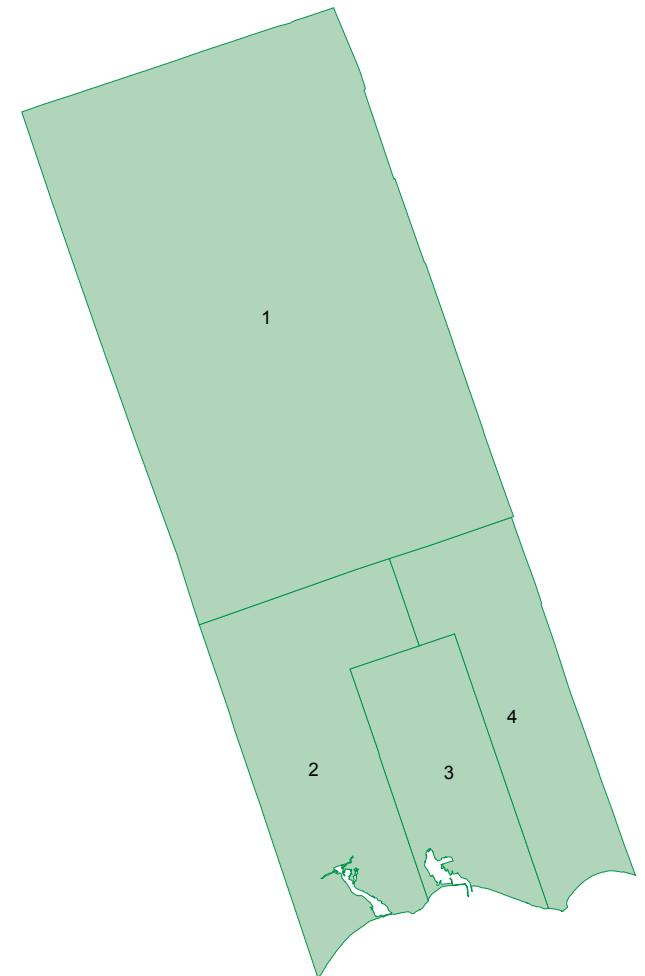
DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 37,200

Dwelling Type	House	Townhouse	Apartment		
	79%	10%	11%		
Household Size (persons)	1	2	3	4	5+
	17%	31%	17%	24%	11%
	No. of Available Vehicles				
	0	1	2	3	4+
	5%	31%	50%	10%	4%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.8	1.5	1.9	1.8	6.6

TOTAL POPULATION: 105,200

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home F/T	Work at Home P/T
	50,500	6%	70%	25%	46%	6%	4%	1%
Female	54,700	6%	67%	23%	33%	11%	2%	1%
On survey day: Made work trip					86%	52%	48%	26%
Age	Median	0-10	11-15	16-25	26-45	46-64	65+	
	38.1	15%	8%	11%	30%	25%	12%	
Daily trips/Person (age 11+):		2.7						



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF TOWN OF WHITBY

Time Period	Trips	% of 24 hr.	Trip Purpose Category				Mode of Travel					
			HB-W	HB-S	HB-D	N-HB	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	59,600	24.3%	45%	21%	22%	11%	67%	12%	3%	5%	8%	4%
24 hours	245,100		30%	11%	42%	17%	71%	16%	2%	3%	5%	2%
Percentage of trips made within district: 6-9 a.m. = 47% 24 hours = 47%							Median Trip Length (km)	5.7	4.1	5.1	44.5	

TRIPS TO TOWN OF WHITBY

Time Period	Trips	% of 24 hr.	Destination Purpose				Mode of Travel					
			Work	School	Home	Other	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	44,100	20.4%	38%	28%	9%	25%	65%	15%	3%	0%	11%	6%
24 hours	216,300		12%	6%	47%	35%	71%	17%	2%	2%	6%	3%

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



datamanagementgroup
 DEPARTMENT OF CIVIL ENGINEERING
 UNIVERSITY OF TORONTO

TOWN OF WHITBY - WARD 1

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 6,800

Dwelling Type	House	Townhouse	Apartment
	90%	7%	2%

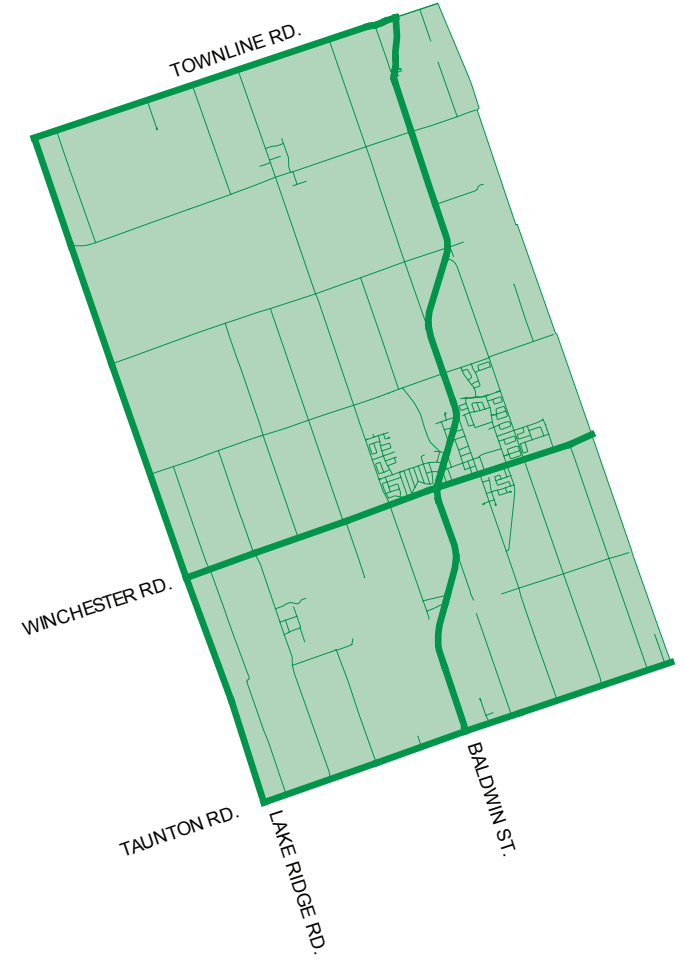
Household Size (persons)	1	2	3	4	5+
	11%	30%	18%	30%	12%

No. of Available Vehicles	0	1	2	3	4+
	2%	21%	61%	12%	3%

Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.0	1.5	2.0	1.9	6.3

TOTAL POPULATION: 20,600

	Population	Employment Status						
		Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home F/T	P/T
Male	10,100	4%	66%	22%	45%	4%	4%	1%
Female	10,500	5%	66%	21%	33%	8%	4%	*
On survey day: Made work trip					84%	62%	55%	*
Age	Median	0-10	11-15	16-25	26-45	46-64	65+	
	34.1	22%	7%	7%	36%	19%	9%	
Daily trips/Person (age 11+):		2.6						



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF TOWN OF WHITBY - WARD 1

Time Period	Trips	% of 24 hr.	Trip Purpose Category				Mode of Travel					
			HB-W	HB-S	HB-D	N-HB	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
			6 - 9 a.m.	10,200	24.0%	49%	19%	22%	10%	74%	9%	1%
24 hours	42,500		32%	10%	39%	19%	77%	13%	1%	2%	2%	4%
Percentage of trips made within district: 6-9 a.m. = 22% 24 hours = 25%			Median Trip Length (km)		8.7	6.6	6.8	47.1				

TRIPS TO TOWN OF WHITBY - WARD 1

Time Period	Trips	% of 24 hr.	Destination Purpose				Mode of Travel					
			Work	School	Home	Other	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
			6 - 9 a.m.	8,200	20.1%	32%	33%	8%	27%	60%	19%	1%
24 hours	41,100		10%	7%	42%	42%	72%	18%	1%	1%	4%	4%

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TOWN OF WHITBY - WARD 2

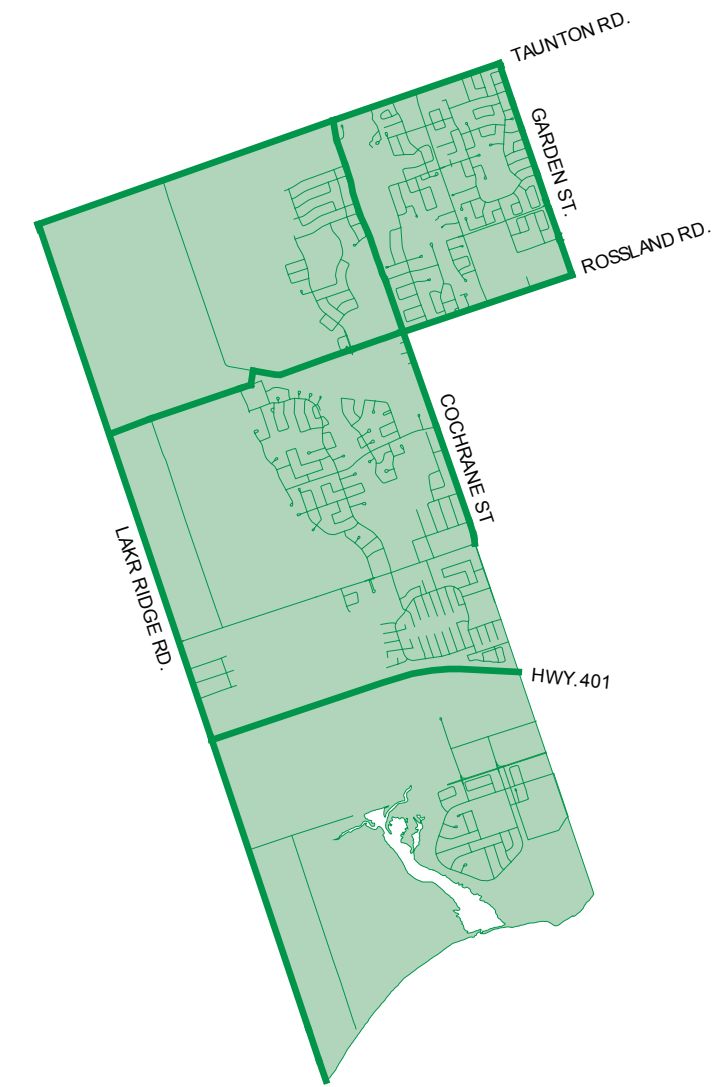
DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 11,100

Dwelling Type	House	Townhouse	Apartment		
	80%	14%	6%		
Household Size (persons)	1	2	3	4	5+
	12%	31%	19%	25%	13%
No. of Available Vehicles	0	1	2	3	4+
	3%	30%	54%	9%	4%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	3.0	1.6	2.0	1.8	7.0

TOTAL POPULATION: 33,500

Male	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home F/T	P/T
	16,500	7%	66%	29%	46%	6%	3%	*
Female	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home F/T	P/T
	17,000	6%	67%	24%	34%	12%	2%	1%
On survey day: Made work trip					86%	56%	45%	36%
Age	Median	0-10	11-15	16-25	26-45	46-64	65+	
	36.3	16%	10%	11%	30%	24%	9%	
Daily trips/Person (age 11+):		2.8						



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF TOWN OF WHITBY - WARD 2

Time Period	Trips	% of 24 hr.	Trip Purpose Category				Mode of Travel					
			HB-W	HB-S	HB-D	N-HB	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	20,000	25.8%	43%	23%	21%	13%	64%	13%	4%	7%	10%	2%
24 hours	77,300		30%	12%	40%	18%	70%	15%	2%	4%	7%	1%
Percentage of trips made within district: 6-9 a.m. = 22% 24 hours = 16%			Median Trip Length (km)			5.8	3.8	5.3	43.2			

TRIPS TO TOWN OF WHITBY - WARD 2

Time Period	Trips	% of 24 hr.	Destination Purpose				Mode of Travel					
			Work	School	Home	Other	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	9,900	19.5%	20%	43%	13%	25%	51%	16%	5%	*	15%	12%
24 hours	50,600		6%	9%	62%	23%	66%	16%	3%	3%	9%	4%

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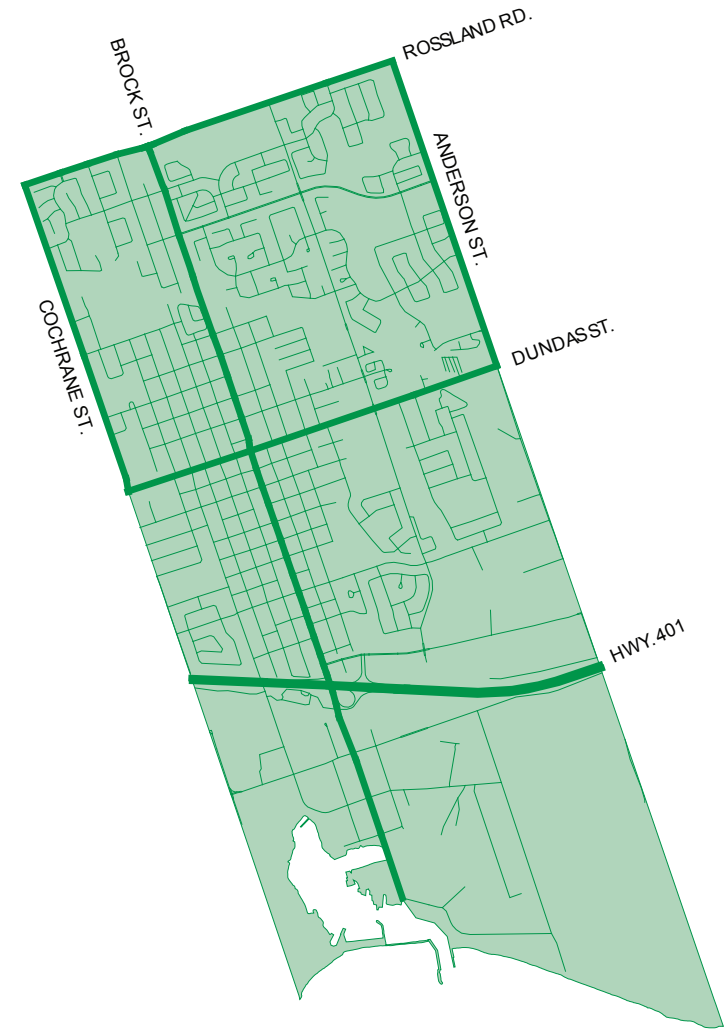


TOWN OF WHITBY - WARD 3

DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS:	9,100				
Dwelling Type	House	Townhouse	Apartment		
	65%	11%	24%		
Household Size (persons)	1	2	3	4	5+
	30%	36%	15%	14%	6%
No. of Available Vehicles	0	1	2	3	4+
	11%	42%	37%	7%	3%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.3	1.2	1.7	1.5	5.7

TOTAL POPULATION:	21,400							
	Population	Transit Pass	Licensed Drivers	Student	Full time	Part time	Work at Home F/T	P/T
Male	9,900	6%	76%	17%	48%	7%	4%	*
Female	11,500	6%	67%	21%	31%	13%	2%	1%
On survey day: Made work trip					85%	54%	46%	*
Age	Median	0-10	11-15	16-25	26-45	46-64	65+	
	43.8	10%	7%	10%	25%	29%	19%	
Daily trips/Person (age 11+):	2.7							



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF TOWN OF WHITBY - WARD 3													
Time Period	Trips	% of 24 hr.	Trip Purpose Category				Mode of Travel						
			HB-W	HB-S	HB-D	N-HB	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other	
6 - 9 a.m.	11,300	21.5%	47%	18%	24%	11%	67%	12%	3%	5%	8%	4%	
24 hours	52,400		29%	9%	44%	18%	71%	17%	2%	3%	5%	2%	
Percentage of trips made within district: 6-9 a.m. = 28%			24 hours = 24%				Median Trip Length (km)	4.8	3.5	5.9	43.9		

TRIPS TO TOWN OF WHITBY - WARD 3												
Time Period	Trips	% of 24 hr.	Destination Purpose				Mode of Travel					
			Work	School	Home	Other	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	13,600	24.0%	49%	19%	6%	27%	72%	14%	2%	1%	8%	2%
24 hours	56,600		17%	5%	38%	41%	72%	18%	2%	2%	5%	2%

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TOWN OF WHITBY - WARD 4

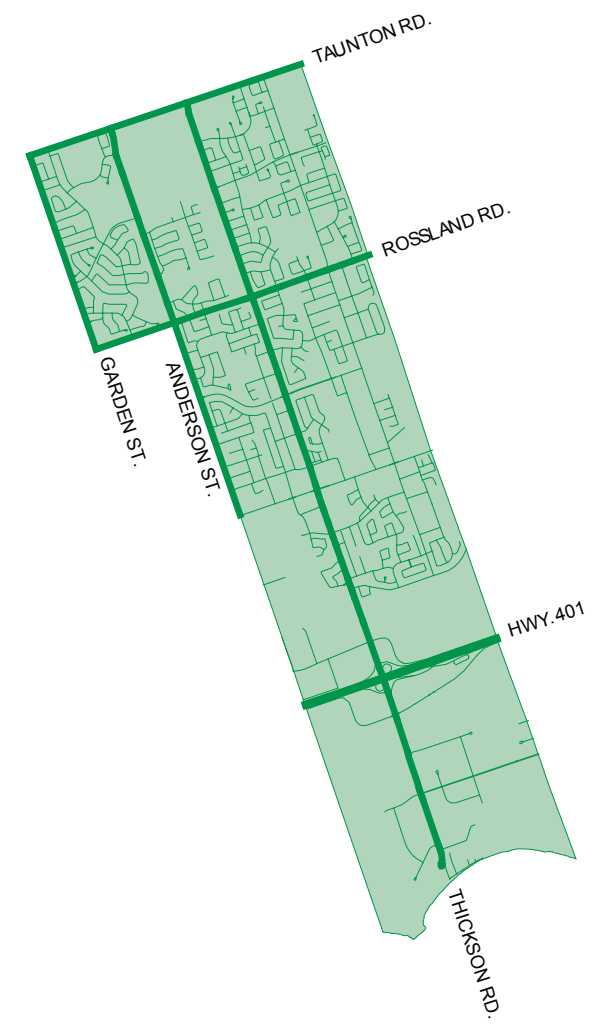
DEMOGRAPHIC CHARACTERISTICS

TOTAL NUMBER OF HOUSEHOLDS: 10,300

Dwelling Type	House	Townhouse	Apartment		
	84%	6%	10%		
Household Size (persons)	1	2	3	4	5+
	16%	29%	18%	27%	11%
	No. of Available Vehicles				
	0	1	2	3	4+
	5%	27%	51%	12%	4%
Household Averages	Persons	Workers	Drivers	Vehicles	Trips/Day
	2.9	1.5	2.0	1.9	7.1

TOTAL POPULATION: 29,800

Male	Population	Transit Pass	Licensed Drivers	Student	Employment Status			
	14,000	7%	72%	27%	Full time	Part time	Work at Home F/T	P/T
Female	15,800	7%	68%	26%	34%	12%	2%	2%
On survey day: Made work trip					87%	42%	45%	*
Age	Median	0-10	11-15	16-25	26-45	46-64	65+	
	39.6	12%	9%	13%	27%	26%	12%	
Daily trips/Person (age 11+):		2.8						



TRAVEL PATTERNS

TRIPS MADE BY RESIDENTS OF TOWN OF WHITBY - WARD 4

Time Period	Trips	% of 24 hr.	Trip Purpose Category				Mode of Travel						
			HB-W	HB-S	HB-D	N-HB	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other	
6 - 9 a.m.	18,300	25.0%	44%	23%	23%	11%	66%	14%	4%	5%	8%	3%	
24 hours	73,100		29%	13%	43%	15%	70%	17%	2%	3%	6%	2%	
Percentage of trips made within district: 6-9 a.m. = 20% 24 hours = 21%			Median Trip Length (km)				4.8	3.8	4.4	46.4			

TRIPS TO TOWN OF WHITBY - WARD 4

Time Period	Trips	% of 24 hr.	Destination Purpose				Mode of Travel					
			Work	School	Home	Other	Auto Driver	Auto Passng.	Local Transit	GO Train	Walk & Cycle	Other
6 - 9 a.m.	12,300	18.1%	44%	24%	11%	21%	72%	11%	3%	*	9%	5%
24 hours	68,100		14%	5%	46%	36%	72%	16%	2%	2%	6%	2%

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