



2005 Origin-Destination Survey

A CLOSER LOOK AT WALK TRIPS

The 2005 Origin-Destination (O-D) Survey is a joint project of the TRANS Committee, made up of the National Capital Commission, the City of Ottawa, the City of Gatineau, the Ontario and Quebec Ministries of Transportation, and the transit agencies of both Ottawa and Gatineau, STO and OC Transpo.

The survey was conducted in Fall 2005, by way of telephone interviews. In all, 23,912 telephone interviews were completed, representing 5.1% of all households in both urban and rural districts of the survey area. Statistically, this is considered a rich sample.

Findings of the 2005 O-D Survey may be found on the O-D Survey Web site at www.O-DSurvey.ca. Some additional results relating to walk trips are presented below. Total trip numbers in this document relate to the population of age 11 and over. The survey did not capture commercial trips nor trips generated outside of the National Capital Region.

Terminology

- Trip is defined as a single movement by a person from an origin to a destination, for a single purpose. It may comprise one or more modes and one or more transfers.
- District is a geographic area defined for the purpose of reporting O-D Survey results.
- Morning refers to the AM peak period (06:30 to 09:00 AM).
- Afternoon refers to the PM peak period (03:30 to 06:00 PM).
- Modal share is the proportion of trips by any given mode out of the total trips by all modes, for a given time period.
- Motorized modes are auto (driver or passenger) and transit.

WHO MAKE WALK TRIPS?

- When considering origin-destination modal shares, walk trips comprise 9-11% of all trips, depending on the time of day.
- In addition, walking is the access mode of 92% of all origin-destination transit trips.

Walk Trips by Age Group

- Each of the age groups under 35 years old accounts for a higher portion of the walk trips than its respective portion of the total trips by all modes.
- Conversely, each of the age groups 35 years and older accounts for a lower portion of the walk trips than its respective portion of the total trips by all modes.

Figure 1 – Daily Walk Trips by Age Group

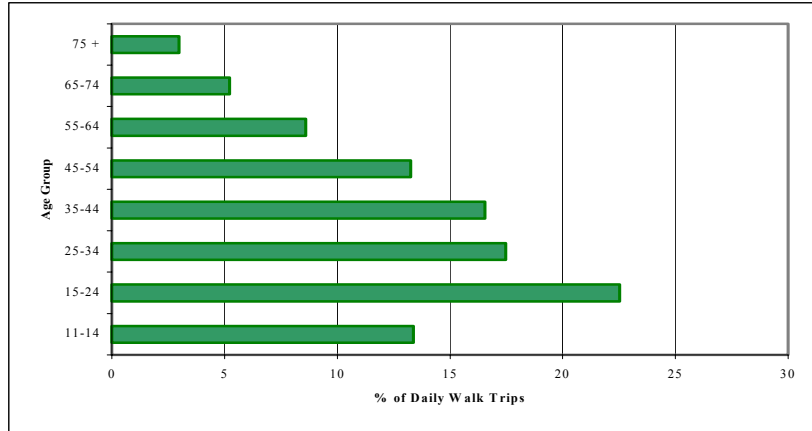
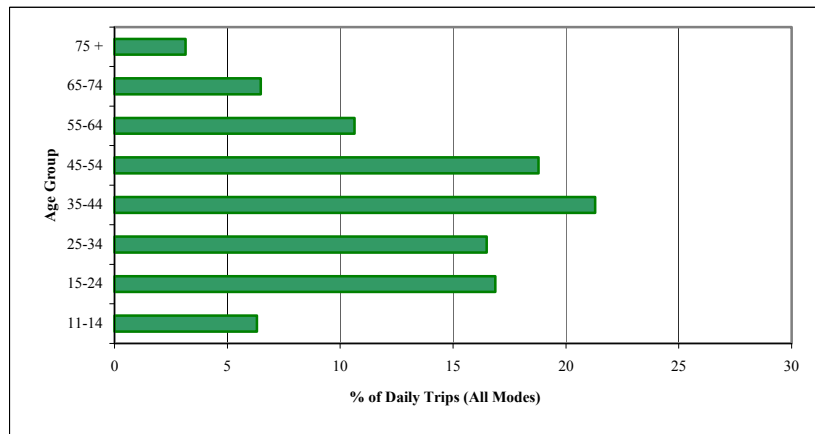


Figure 2 – Daily Trips (All Modes) by Age Group

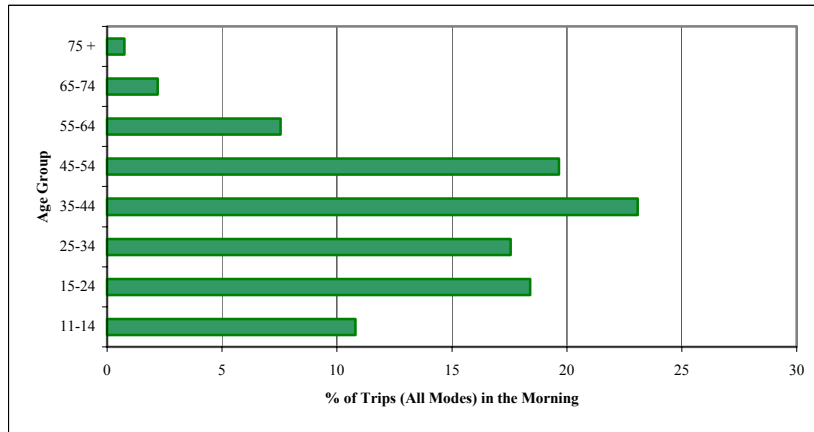


- In the morning, the 11-24 age groups account for much higher portions of the walk trips than their respective portions of the total trips by all modes.
- In the morning, the 35-54 age groups account for much lower portions of the walk trips than their respective portions of the total trips by all modes.
- In the afternoon, walk trips by the 15-24 age group account for 24% of all walk trips (compared to 18% in the morning), while the 35-54 age groups account for 30% (compared to 43% in the morning).

Figure 3 – Walk Trips by Age Group in the Morning



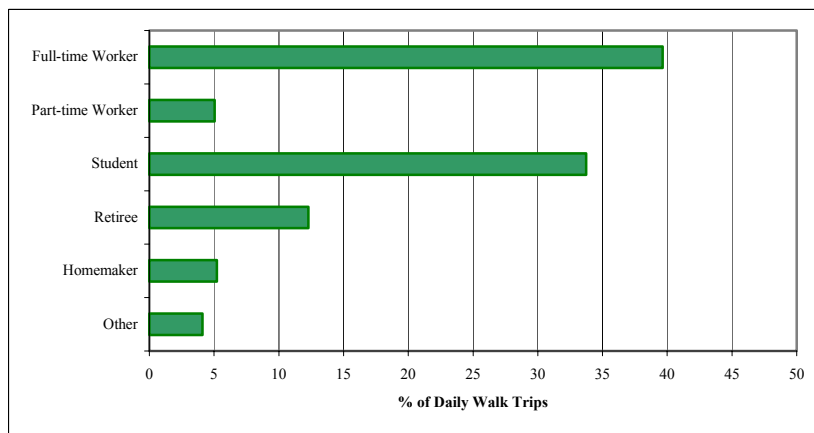
Figure 4 – Trips (All Modes) by Age Group in the Morning



Walk Trips by Occupation Status

- Retirees account for 12% of walk trips over the 24-hour period.

Figure 5 – Daily Walk Trips by Occupation Status



WHERE ARE WALKING PEOPLE GOING?

Major Flows (see Tables 1, 2 and 3)

- 81% of walk trips during the 24-hour period are made within the same district.
- 34% of walk trips during the 24-hour period are made within the Ottawa Centre/Inner Area District (bounded by the Rideau River and the CPR line).

FOR WHAT PURPOSES ARE WALK TRIPS MADE?

- Overall, the proportions of walk trips by purpose are similar to those of trips by all modes: close to 80% are “work or work-related” and “school” trips in the morning; 66% are “return home” in the afternoon.
- In the morning, the ratio of “school” trips to “work or work-related” trips is higher, however, for walk trips than it is for trips by all modes: 45% of walk trips are for school against 32% that are for work, compared to 24% of trips by all modes that are for school against 56% that are for work.
- Over the 24-hour period, there is a higher proportion of walk trips that are discretionary (shopping, leisure, personal and other) than is the case for trips by all modes: 31% compared to 26%.

Figure 6 – Walk Trip Purposes by Time of Day in the National Capital Region, 2005

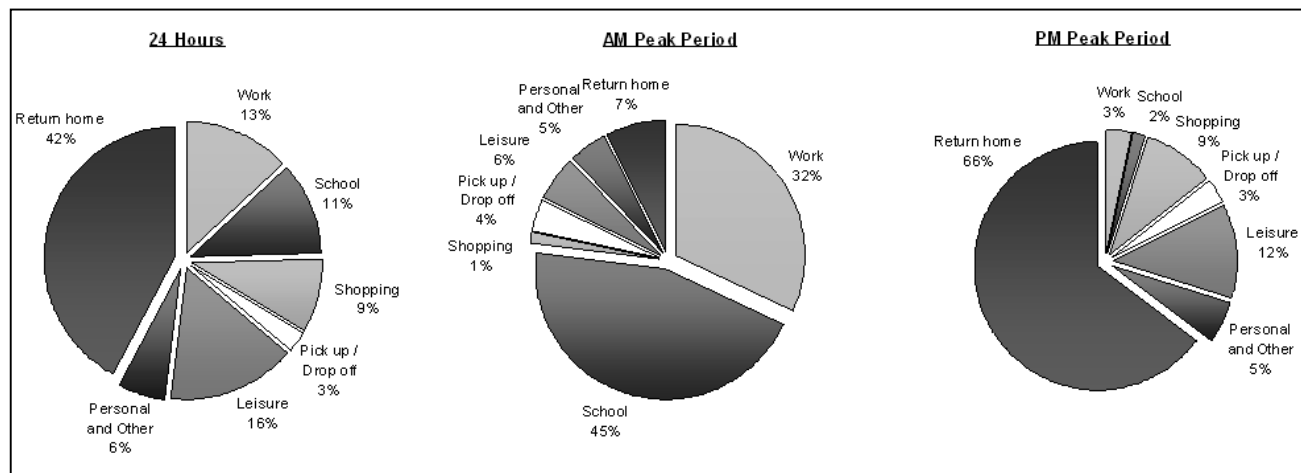


Table 1 – 24-Hour Trips – Walk, All Purposes (26 TRANS Districts)

From \ To	Ottawa Centre	Ottawa Inner Area	Ottawa East	Beacon Hill	Alta Vista	Hunt Club	Mervale	Ottawa West	Baysshore / Cedarview	Orleans	Rural East	Rural Southeast	South Gloucester / Leitim	South Nepean	Rural Southwest	Kanata / Stittsville	Rural West	Ile de Hull	Hull Périphérie	Plateau	Aynmer	Rural Northwest	Pointe Gatineau	Gatineau Est.	Rural Northeast	Bu/Masson-Angers	External	Total
Ottawa Centre	20100	14700	500	<100	200	<100	400	<100	<100	200	<100	<100	<100	<100	<100	<100	400	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	37000
Ottawa Inner Area	14700	53400	1000	<100	1000	100	800	600	<100	100	<100	<100	<100	<100	<100	<100	300	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	72400
Ottawa East	500	900	12100	600	200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	14600
Beacon Hill	<100	<100	500	5400	200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	6500
Alta Vista	100	1000	200	200	15600	300	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	17800
Hunt Club	<100	100	<100	<100	100	6700	13300	1400	700	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	7000
Mervale	<100	800	<100	<100	<100	1300	1300	18300	600	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	16600
Ottawa West	500	500	<100	<100	<100	700	700	600	12800	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	21400
Baysshore / Cedarview	<100	<100	<100	<100	<100	<100	<100	<100	<100	17500	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	14200
Orleans	<100	100	<100	<100	<100	<100	<100	<100	<100	600	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	18000
Rural East	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	600
Rural Southeast	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	1100
South Gloucester / Leitim	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	1100
South Nepean	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	600
Rural Southwest	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	7300
Kanata / Stittsville	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	1700
Rural West	400	300	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	14700
Ile de Hull	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	800
Hull Périphérie	400	300	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	800
Plateau	100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	12900
Aynmer	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	6200
Rural Northwest	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	1000
Pointe Gatineau	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	9200
Gatineau Est	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	7000
Rural Northeast	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	200
Buckingham / Masson-Angers	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	3000
External	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	100
Total	36700	72400	14500	6600	17800	7200	16600	21600	14400	18000	600	1100	800	600	7200	14700	13000	5100	13000	1300	6200	1000	9100	7300	300	2900	<100	298600

Table 2 – Morning Trips – Walk, All Purposes (26 TRANS Districts)

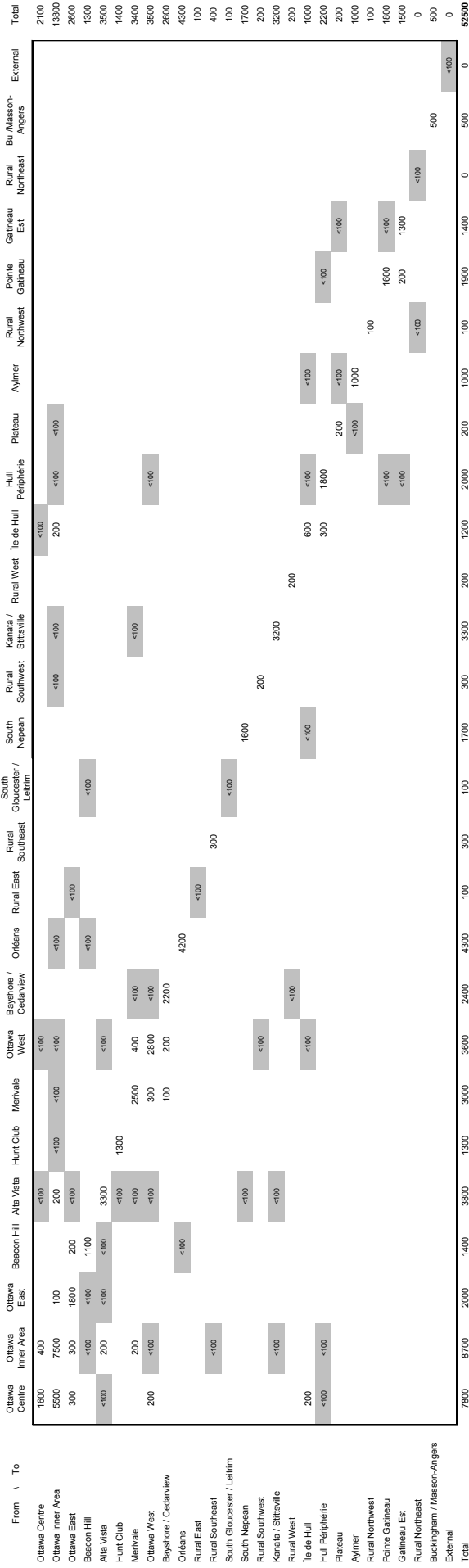


Table 3 – Afternoon Trips – Walk, All Purposes (26 TRANS Districts)

