

Estimation of Flows along Royal Canal

13/03/2024

Variables

Houses	4
Average People per House	4.5
Person Trips Per Day	2.86
Trips per Day	51.48

HousesxAveragePeoplexTrip Rates

Deliveries /Bins per Day 1.5

* Trips per a day from the National Household Travel Survey

* Number of houses from Aerial imagery

* Number of Deliveries per Day (estimate)

* Assumed average household is 4.5

* Deliveries are doubled because they are In/out as the same trip

	Peak Hour		Trips in Peak Hour	Typical Hour Factor	Trips in Average Hour
	Daily Trips	Factor			
Car People	28	0.12	3.3	0.07	2
Walk	21	0.12	2.5	0.07	1
Cycle	3	0.12	0.3	0.07	0
Deliveries (HGV)	12	0.12	1.4	0.07	1
Combined			7.6		4.1

Modal Split	Car	0.54
	Walk	0.41
	Cycle	0.05

National Daily Trip Rates by Region

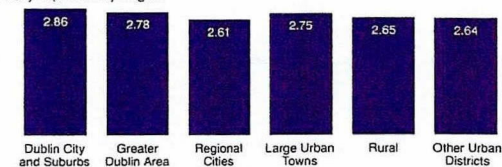


Figure 16: National Daily Trip Rates by Region: National

Trips Taken by Modes of Transport

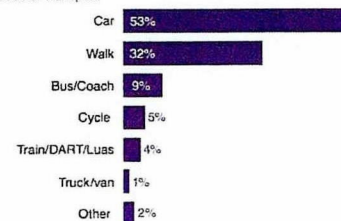


Figure 53: Trips Taken by Modes of Transport: Dublin City and Suburbs

Trips Taken by Time of Day

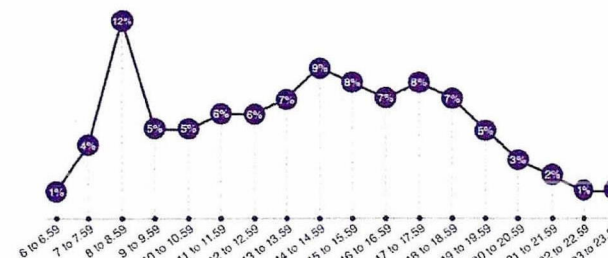


Figure 54: Trips Taken by Time of Day: Dublin City and Suburbs

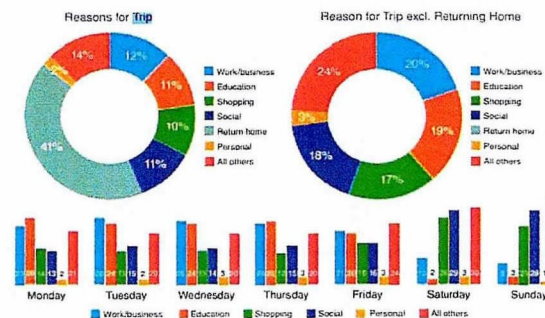


Figure 4: Reason for Trip: National