





Travel Profiling

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Introduction

1. Background
2. Focus of analysis
3. Result
4. Summary



1. Background


- **Discrete National Household Travel Surveys**
 - 1989/90
 - 1997/98
- **Continuous National Household Travel Surveys**
 - 2003 (ongoing)
- **Objective:** describe daily travel behaviour by different modes and for different purpose as defined in Household Travel Survey (HTS)



1. Background

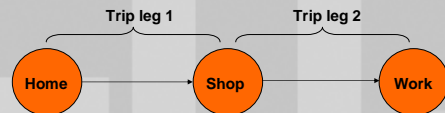
This Project

Data File	Description
Household	Details about the household (e.g. Household type, street number)
Person	Details about the person in the household (e.g. age, sex, occupation)
Trip	Purpose, mode, date, time
Vehicle	Type, model, CCs
Alcohol	Drinking session times and locations
Accident	Accident involvement in the last two years

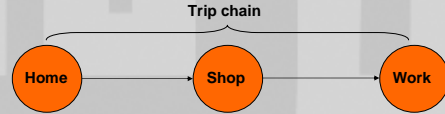



1. Background

• **Trip Leg** – A trip leg is a section of travel by a single mode with no stops. (MoT, 2007)



• **Trip Chains** – For some purposes it is desirable to link travel into longer trip chains. (MoT, 2007)

1. Background

- **Major Urban Areas (MUAs)**
 - Populations over 30,000
- **Secondary Urban Areas (SUAs)**
 - populations between 10,000 and 30,000
- **Rural Areas (RAs)**
 - population less than 10 000 and other rural areas

2. Focus of Analysis

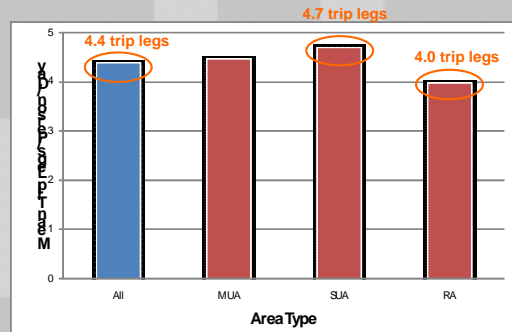


- Personal Travel**
 - Includes information on different area types and personal travel
- Travel Mode**
 - Includes details about how residents travel within New Zealand categorised by mode.
- Travel Purpose**
 - Includes details about why residents in New Zealand travel
- Social Inclusion and Accessibility**
 - Includes information on how vehicle availability and income affect households' and individuals' travel profiles
- Travel by Time of The Day**
 - Includes information on personal travel patterns categorised by time and purpose.

3. Results



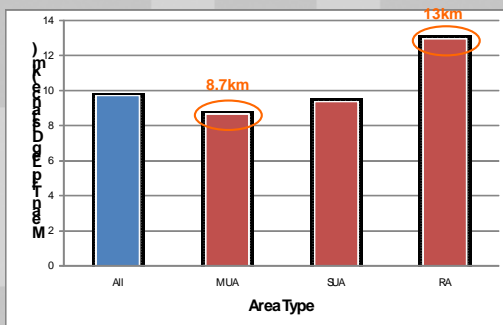
Personal Travel



3. Results



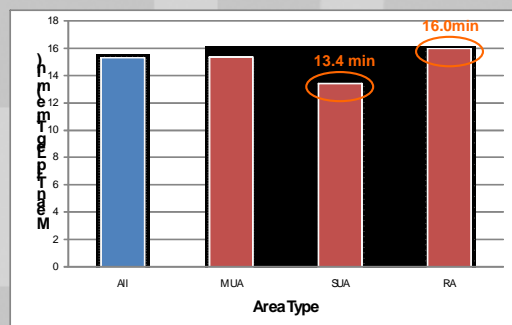
Personal Travel



3. Results



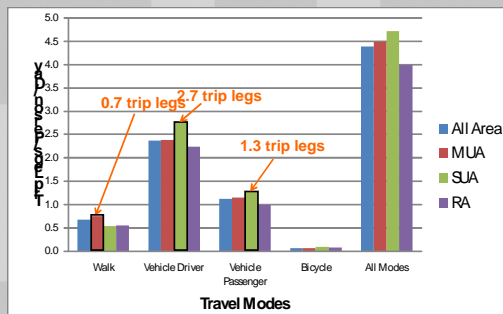
Personal Travel



3. Results



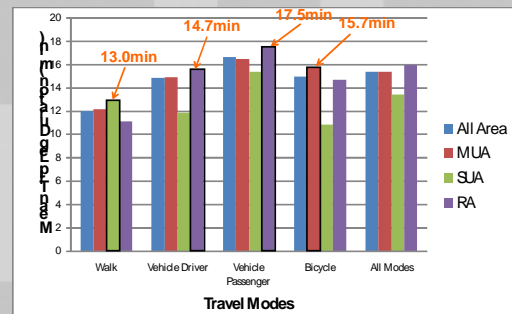
Travel Mode – Private Travel Mode



3. Results



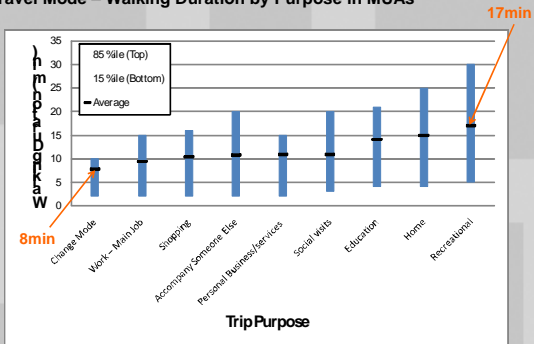
Travel Mode – Private Travel Mode



3. Results



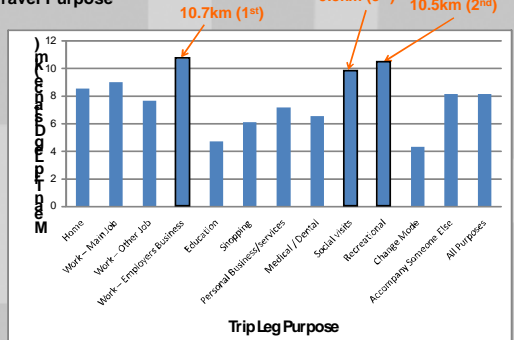
Travel Mode – Walking Duration by Purpose in MUAs



3. Results



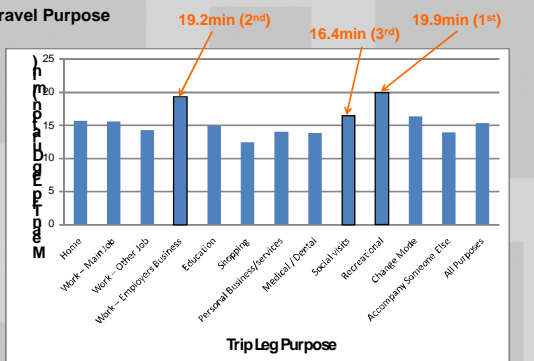
Travel Purpose



3. Results



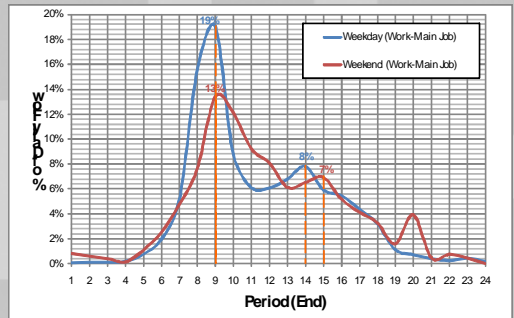
Travel Purpose



3. Results



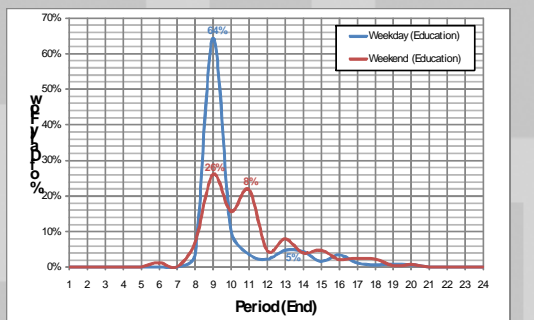
Travel by Time of Day – Arrivals at Work (Main Job)



3. Results



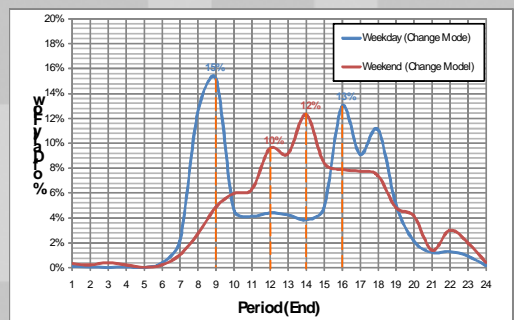
Travel by Time of Day – Arrivals at Education



3. Results



Travel by Time of Day – Change Mode Arrivals



4. Summary



- **Summary description of New Zealand travel profiles on a national basis.**

- **Already in application.**

- Timaru Residential, Retail and Industrial Development Strategy

- Public Transport Interchange, Christchurch

- Transport assessments – Walking duration by trip leg purpose



Questions or comments