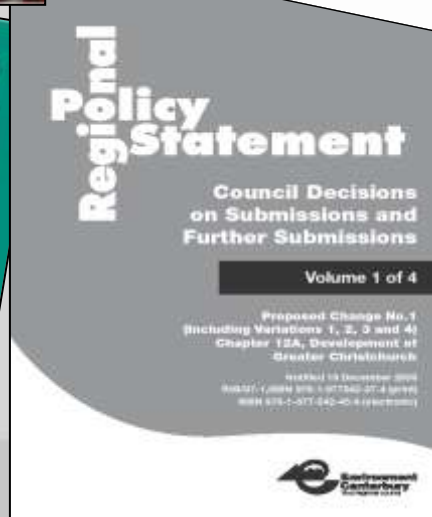
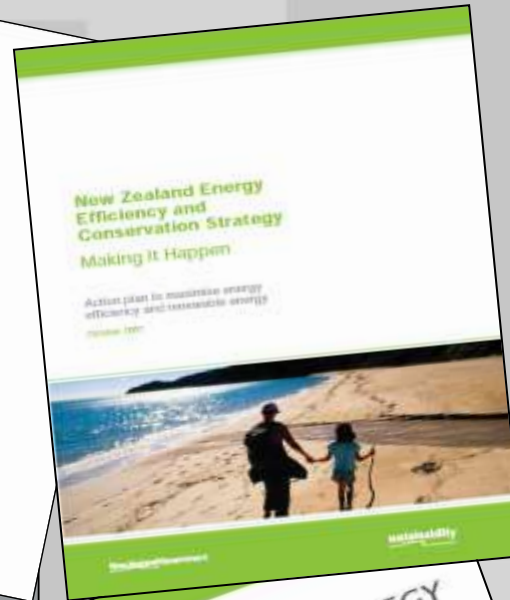
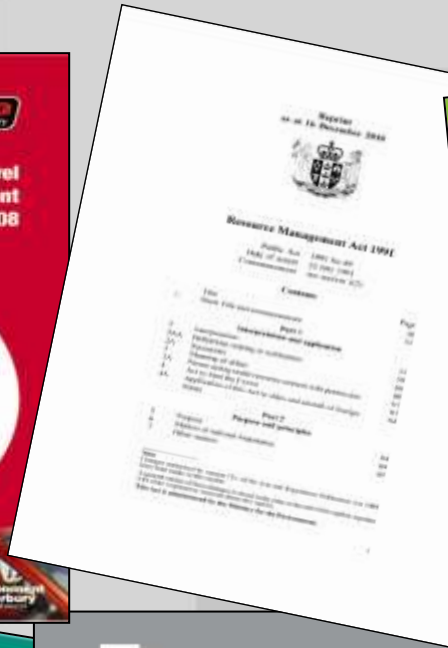
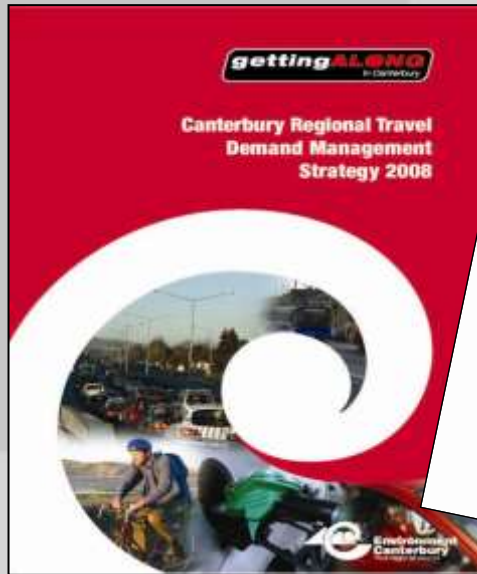


Assessing Travel Efficiency at a Strategic Level

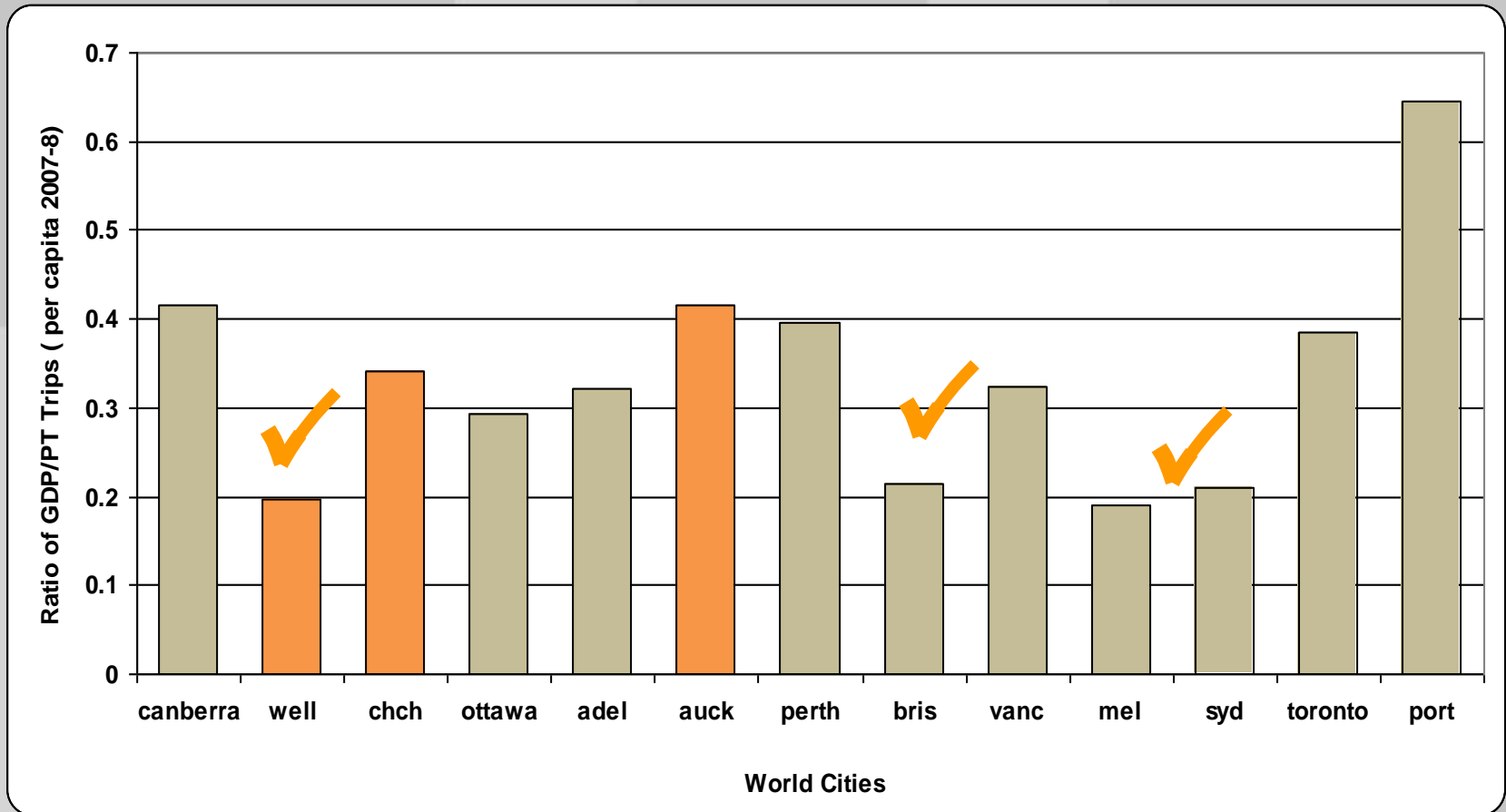
Introduction

1. What is meant by Travel Efficiency
2. Link between Economic growth and travel
3. Retail Centre travel Behaviours
4. Method used to assess travel efficiency

1. What is Travel Efficiency

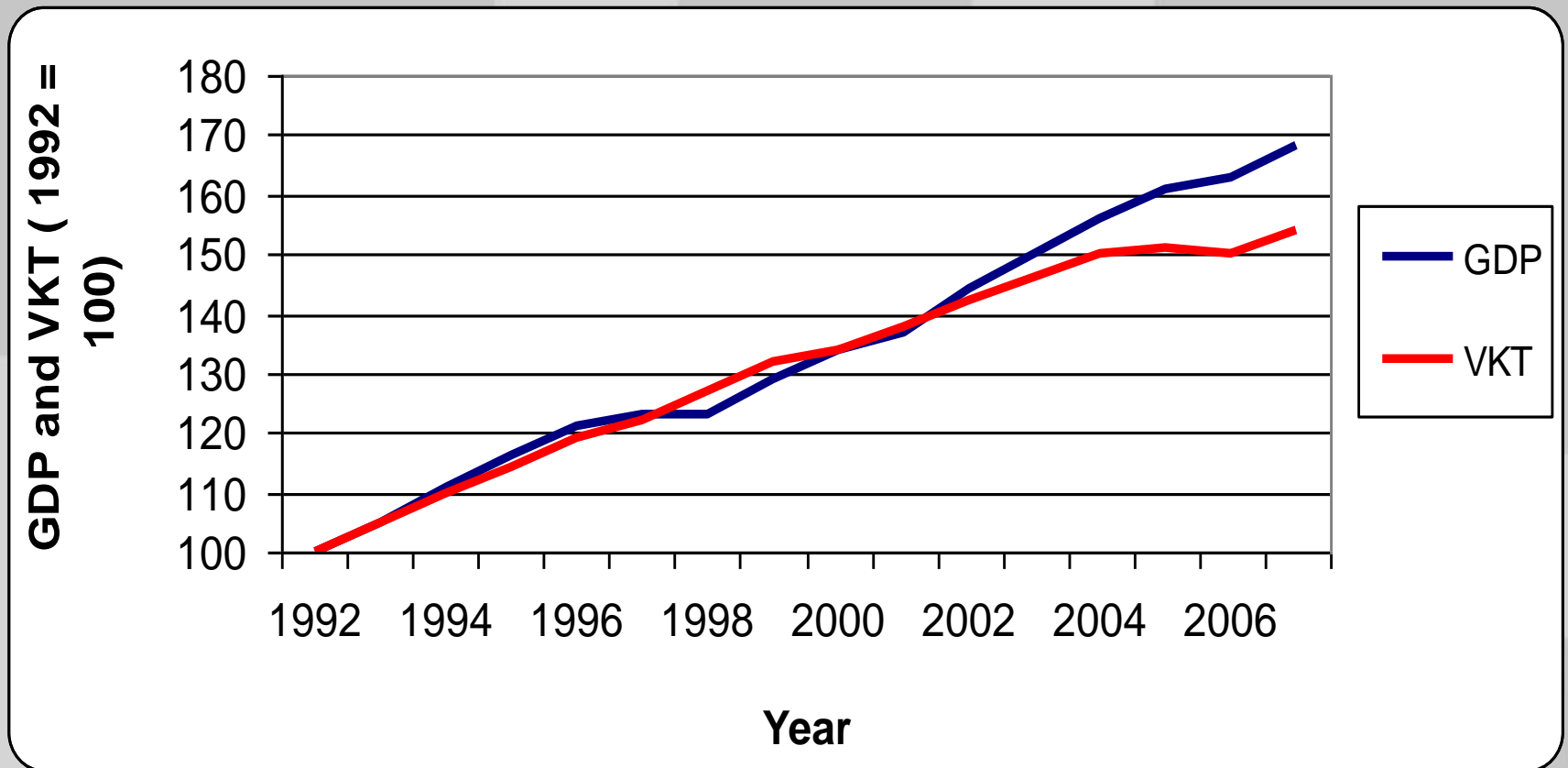


Per Capita GDP and PT Trips – World Cities



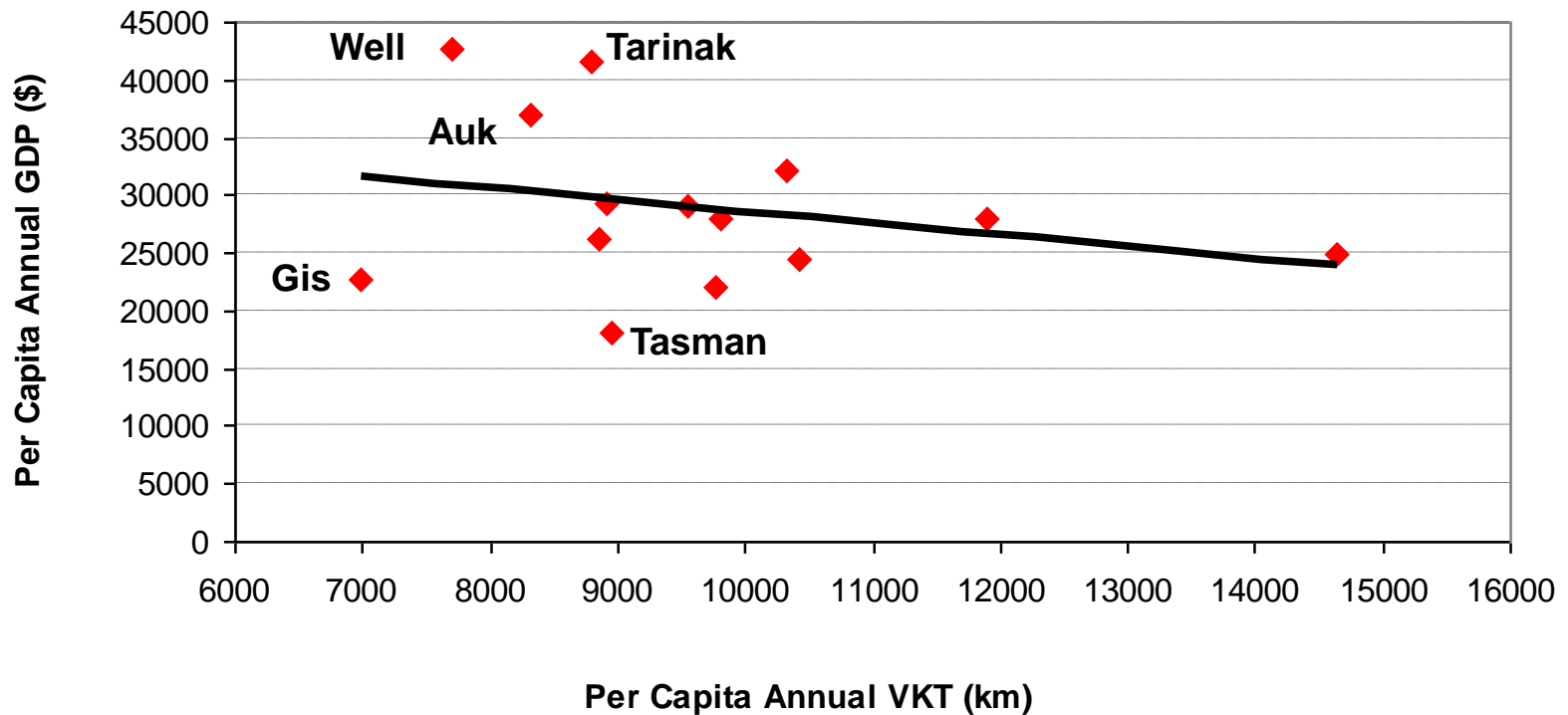
Source data : Auckland Regional Land Transport Strategy 2010-2040

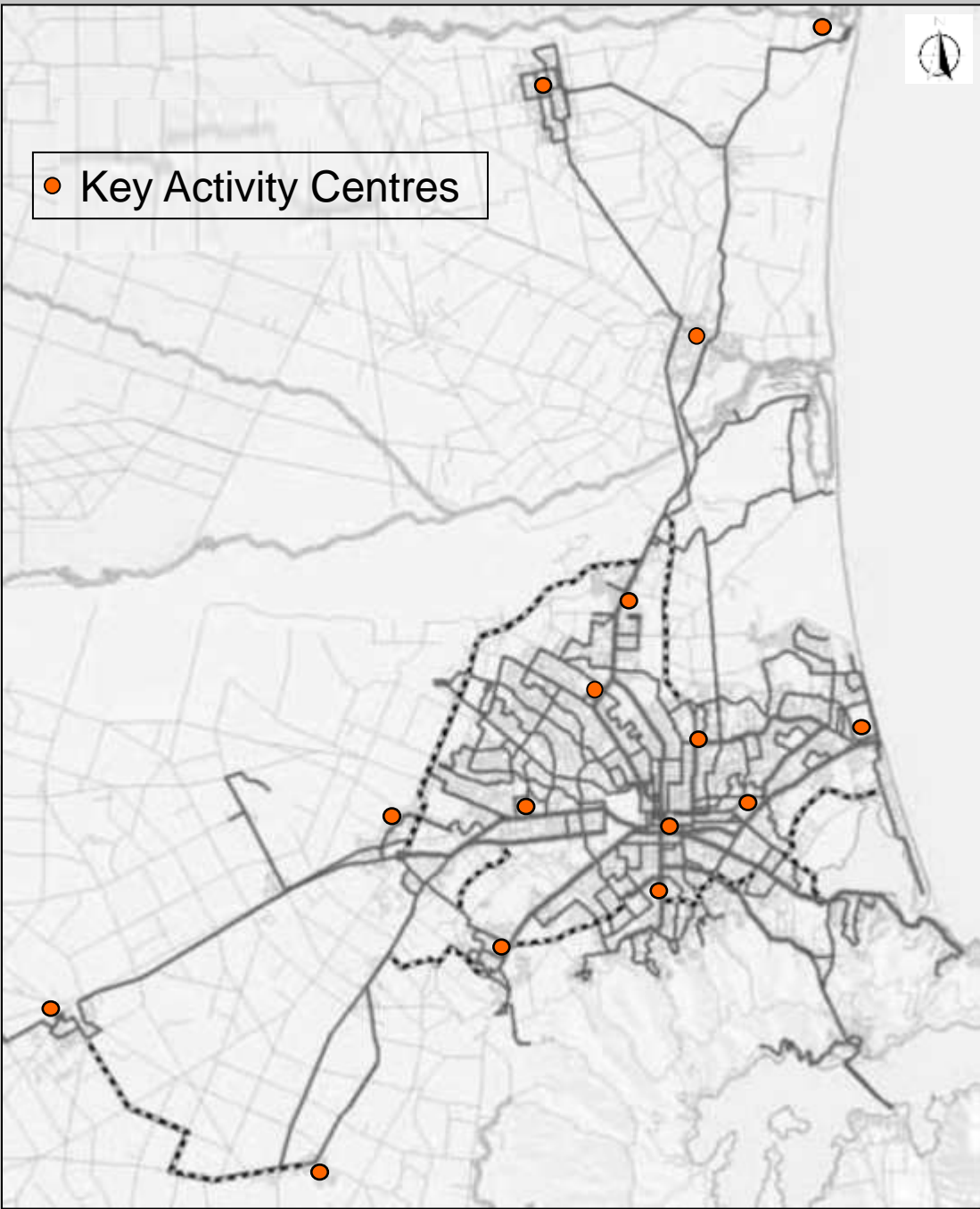
GDP and VKT : NZ 1992-2007



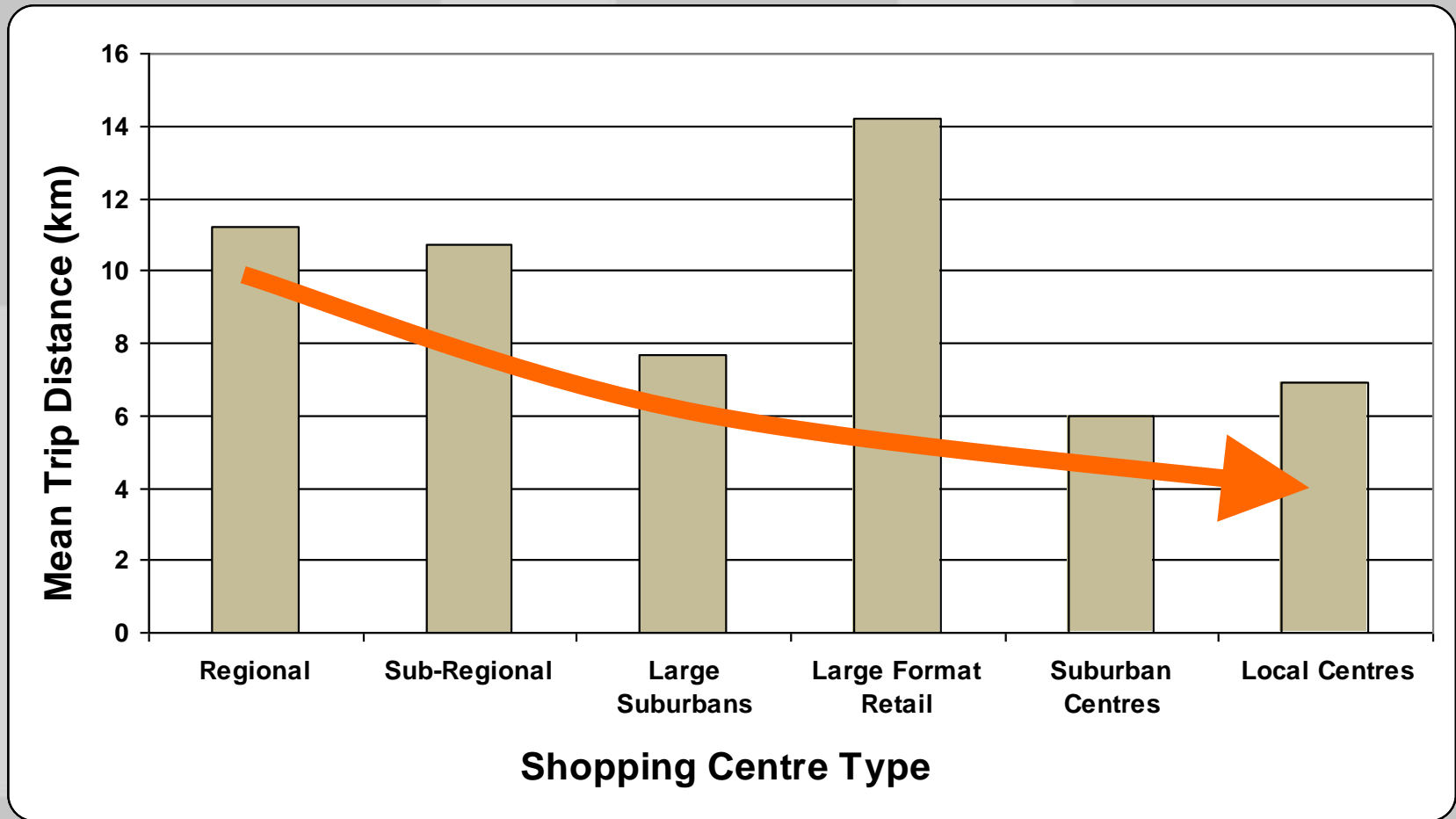
Source: mfe.govt.nz

Per Capita GDP and VKT - NZ Regions

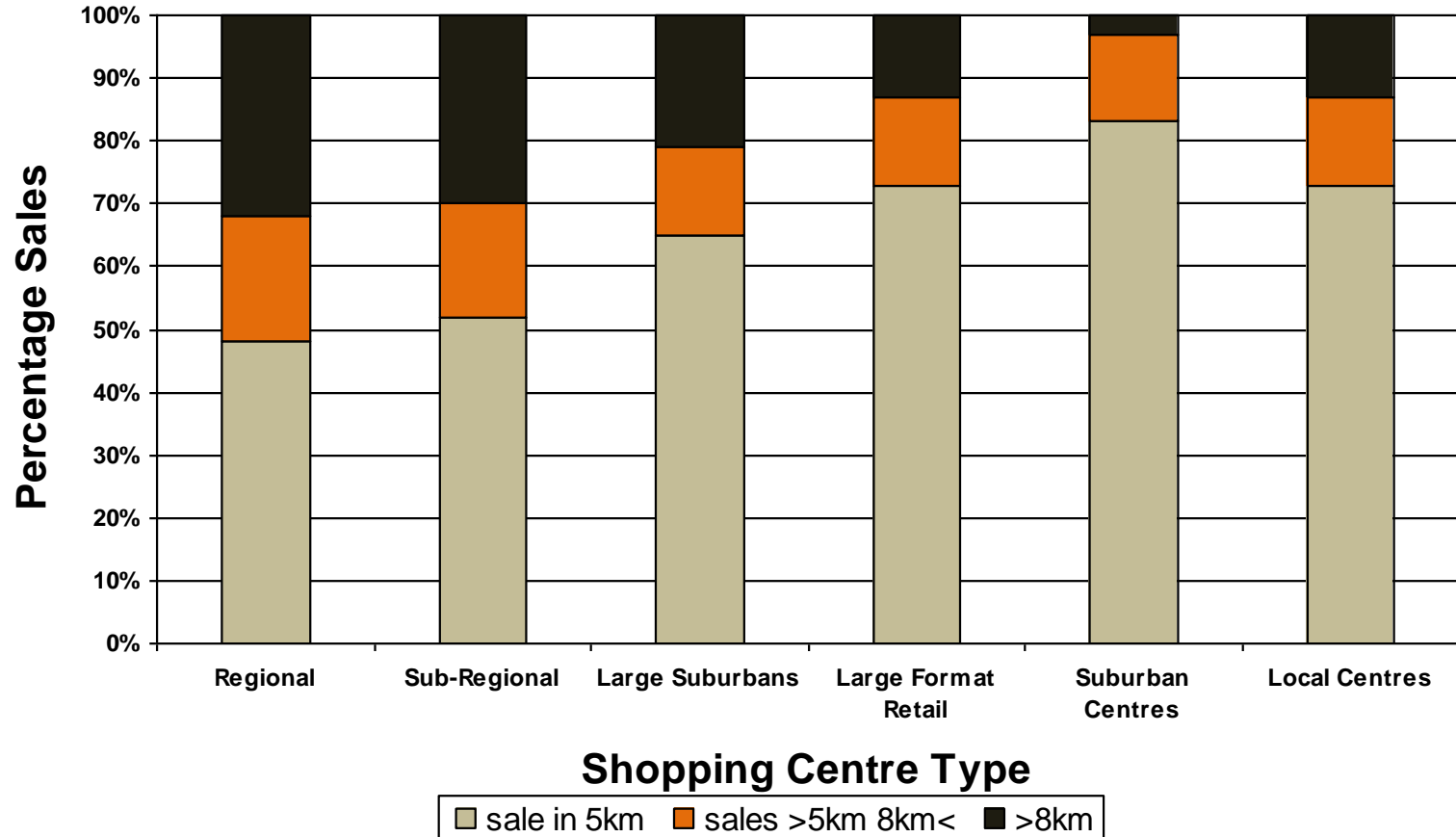




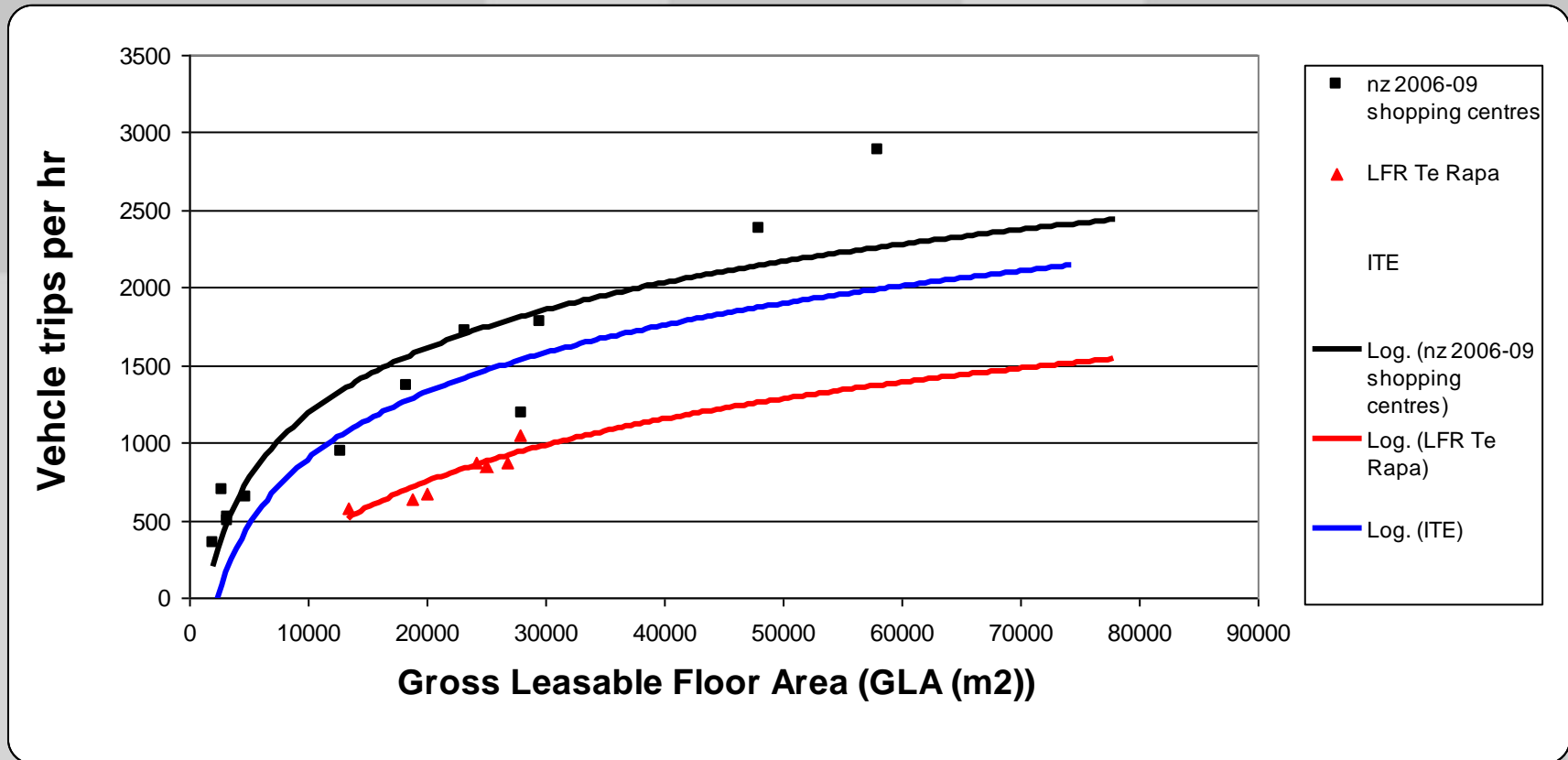
Retail Centre Travel



Retail Centre Travel



Retail Centre PM Peak Trip Generation Rates



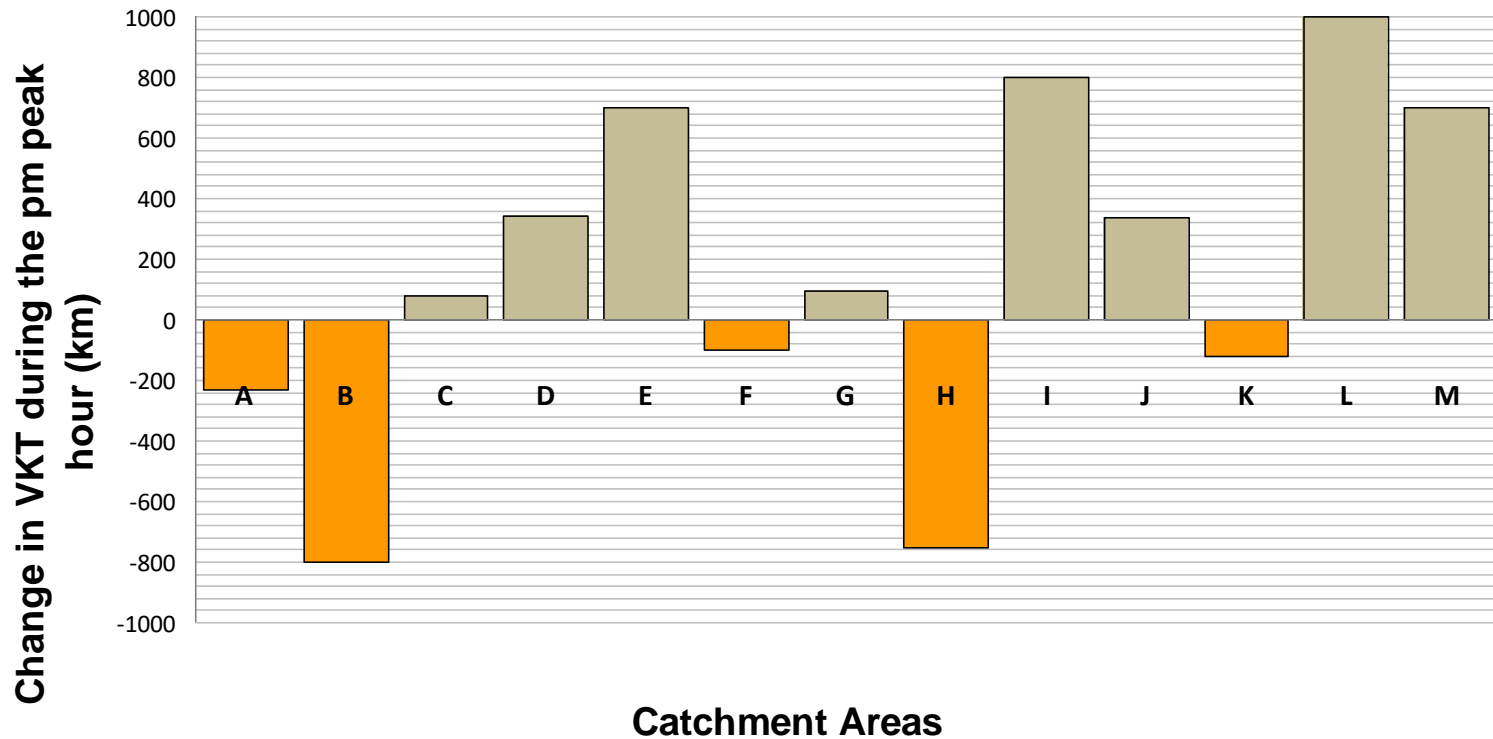
Model Inputs

- Existing Trade patterns
- Projected Trade Draw
- Trip Generation Data
- Trip Type proportion
- Traffic assignment using GIS software

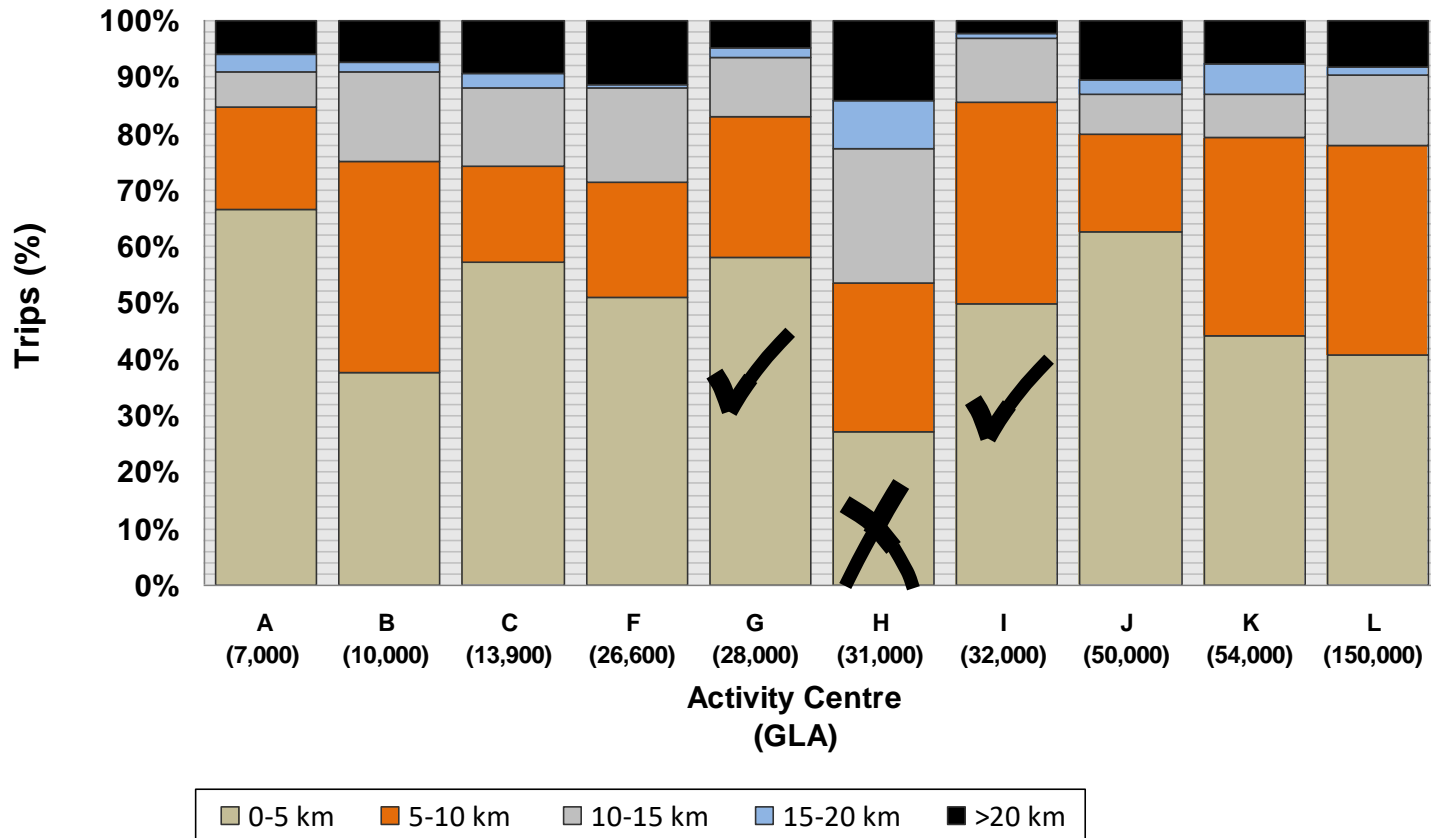


Source: www.chasecartoons.com

Change in VKT

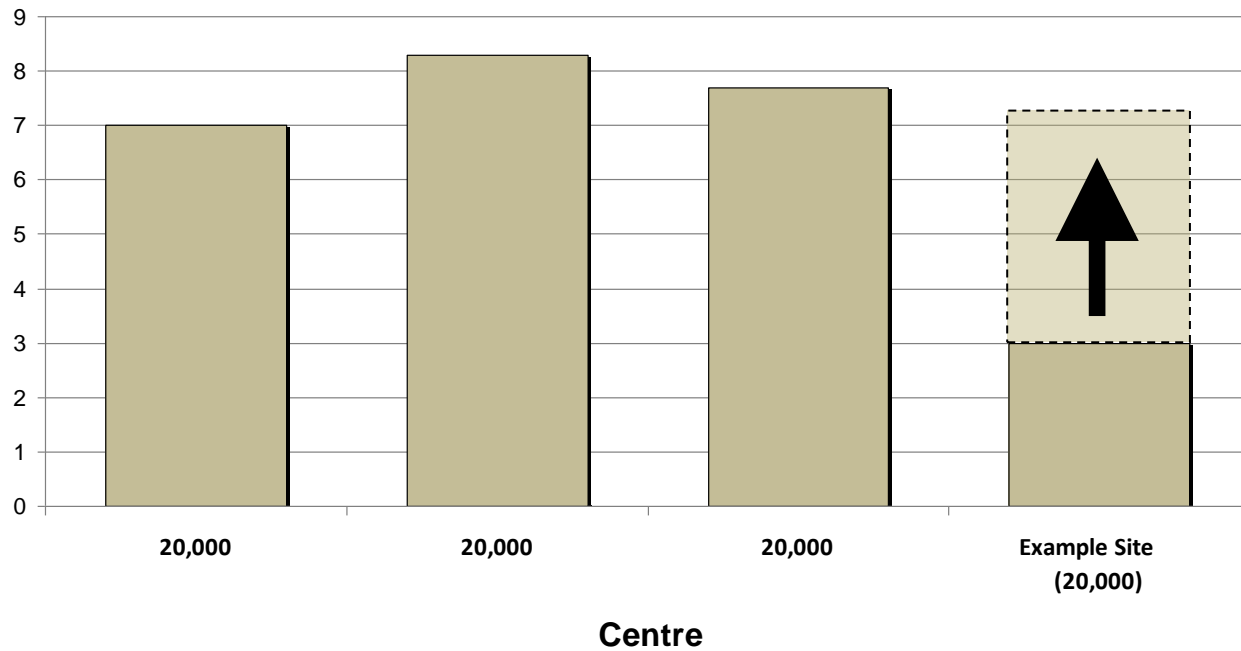


Comparative Analysis



Non Car travel efficiency

Households within 12 min walk per 100 m²
GLA



Summary

- Travel Efficiency – central theme of policy
- GDP/ transport measure policy indicator
- Economic Growth can occur without higher car dependence
- Range of modes can be assessed
- Informs resource management and land use decisions at an early stage
- Better informed land use decisions will assist in achieving strategic transport targets.

**Your Honour I request permission
to put 3 little slits in this witness
before I grill him...**

