
Chapter 1 Introduction

Description

This volume, volume 2 of Land Transport New Zealand's *Economic evaluation manual*, covers economic efficiency evaluation of demand management and transport services proposals for land transport including:

- freight transport services
- new and improved passenger transport services
- walking and cycling
- travel behaviour change
- parking and land use
- pricing and financial incentives.

The procedures in this volume are broadly similar to the procedures Land Transport NZ uses to evaluate road infrastructure projects, which are presented in volume 1.

Chapter 2 of this volume describes the various types of transport demand management strategies and programmes.

Chapter 3 describes the basis for evaluating transport demand management proposals.

Chapter 4 describes methods for estimating how various types of changes to transport systems affect travel behaviour.

Chapters 5 to 7 provide detailed methodology for transport services evaluations.

Chapter 8 provides evaluation methods for walking and cycling projects.

Chapter 9 provides evaluation methods for education, promotion and marketing projects.

Chapter 10 provides evaluation methods for parking and land use proposals.

Chapter 11 provides evaluation methods for pricing and financial incentive proposals.

Chapter 12 provides guidance on risk analysis.

Chapter 13 provides simplified procedures.

Reference to volume 1

Basic concepts of economic evaluation and the specific procedures required by Land Transport NZ defined in volume 1 are not repeated in this volume. The evaluator should refer to volume 1 for these aspects.

Chapter 1 Introduction, continued

Input to Land Transport NZ's allocation process

The numerical cost-benefit evaluation and guidance on assessment, quantification and reporting of non-monetised impacts covered by this manual is designed to be an input to the economic efficiency assessment factor used by Land Transport NZ in its allocation process.

The guidance on monetised and non-monetised impacts, business benefits and equity impacts provided in the manual can also be an input to the effectiveness assessment factor of the allocation process.

Simplified procedures

The following simplified procedures are provided to simplify the evaluation of freight and passenger transport, walking, cycling, and travel behaviour change proposals (see chapter 13 of this volume):

- SP8 – Freight transport services
 - SP9 – New passenger transport services
 - SP10 – Existing passenger transport services
 - SP11 – Walking and cycling projects
 - SP12 – Travel behaviour change projects
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