

# Contents

---

<i>List of figures</i>	viii
<i>List of tables</i>	x
<i>Notes on contributors</i>	xii
1 Introduction <i>Jonathan Cowie and Stephen Ison</i>	1
<b>PART I</b>	
<b>Public transport</b>	15
2 Passenger rail structure and reform <i>Simon Blainey</i>	17
3 Bus economics <i>Peter White</i>	31
4 The pricing of public transport services <i>Corinne Mulley and Marco Batarce</i>	48
5 Perfect information and intelligent transport systems <i>John D. Nelson</i>	62
6 Passenger air traffic <i>Peter Forsyth</i>	74
<b>PART II</b>	
<b>Public transport reform</b>	91
7 Public service contracts: the economics of reform with special reference to the bus sector <i>David A. Hensher</i>	93

## Contents

8	Rail regulation <i>Chris Nash, Valerio Benedetto and Andrew Smith</i>	108
9	The impact of regulatory reform on public transport markets <i>John Preston</i>	121
10	Airline deregulation <i>Lucy Budd</i>	141
<b>PART III</b>		
	<b>Forecasting, public choice and transport modelling</b>	<b>155</b>
11	Forecasting the demand for transport <i>John Bates</i>	157
12	The principles behind transport appraisal <i>John Nellthorp</i>	176
13	Congestion pricing <i>Jonas Eliasson</i>	209
14	Transport modelling and economic theory <i>Kathryn Stewart</i>	227
15	Efficiency assessment in transport service provision <i>Rico Merkert and Jonathan Cowie</i>	251
<b>PART IV</b>		
	<b>Transport and the environment</b>	<b>269</b>
16	The environment in the provision of transport <i>Maria Attard</i>	271
17	The tools available under a green transport policy <i>Tom Rye</i>	284
18	Options and practicalities of a green transport policy <i>Rebecca Johnson</i>	296
19	Sustainable travel or sustaining growth? <i>Robin Hickman</i>	311

**PART V****Freight transport 323**

- 20 Short sea shipping and ferries 325  
*James D. Frost and Mary R. Brooks*
- 21 Competition and complementarity in road freight: key drivers  
and consequences of a dominant market position 348  
*Jonathan Cowie*
- 22 Rail freight 368  
*Allan Woodburn*
- 23 Air cargo 385  
*Thomas Budd and Robert Mayer*
- 24 Intermodal freight transport 404  
*Jason Monios*
- Index* 423