

WALKING CONDITIONS AS A BARRIER TO PUBLIC TRANSPORT USE: FROM THE PERSPECTIVE OF DISABLED SCOTTISH ADULTS

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PRESENTATION OVERVIEW

- **Importance of this research**
- **Previous literature**
- **Methods**
- **Main results**
- **Conclusions**

IMPORTANCE OF THIS RESEARCH: A SCOTTISH PERSPECTIVE

- **Social exclusion**
 - 33% of Scottish households without access to cars
- **Changing demographics**
 - 33% over 60 by 2021
- **Legal requirements**
 - The Disability Discrimination Act's 1995 & 2005

PREVIOUS LITERATURE

- **Problems faced by mobility-impaired pedestrians**
 - **Ease of movement** (pavement condition/obstacles)
 - **Crossing facilities** (number & safety)
 - **Safety** (from traffic/other people)
 - **Amenities** (resting places/toilet facilities)
- **How these problems affect travel behaviours?**
 - Not sure

METHODS

- **Analysis of the Scottish Household Survey (SHS)**
 - Prevalence of disability
 - Travel choices and behaviours of disabled adults
- **Journey audits**
 - Barriers to PT use
- **Household Survey**
 - Types and impact of various initiatives on PT use

DISABILITY IN SCOTLAND (SHS)

Approximately 12% of Scottish population report some form of disability

	<60	>60
Disabled adults	44%	56%
Non-disabled adults	77%	23%

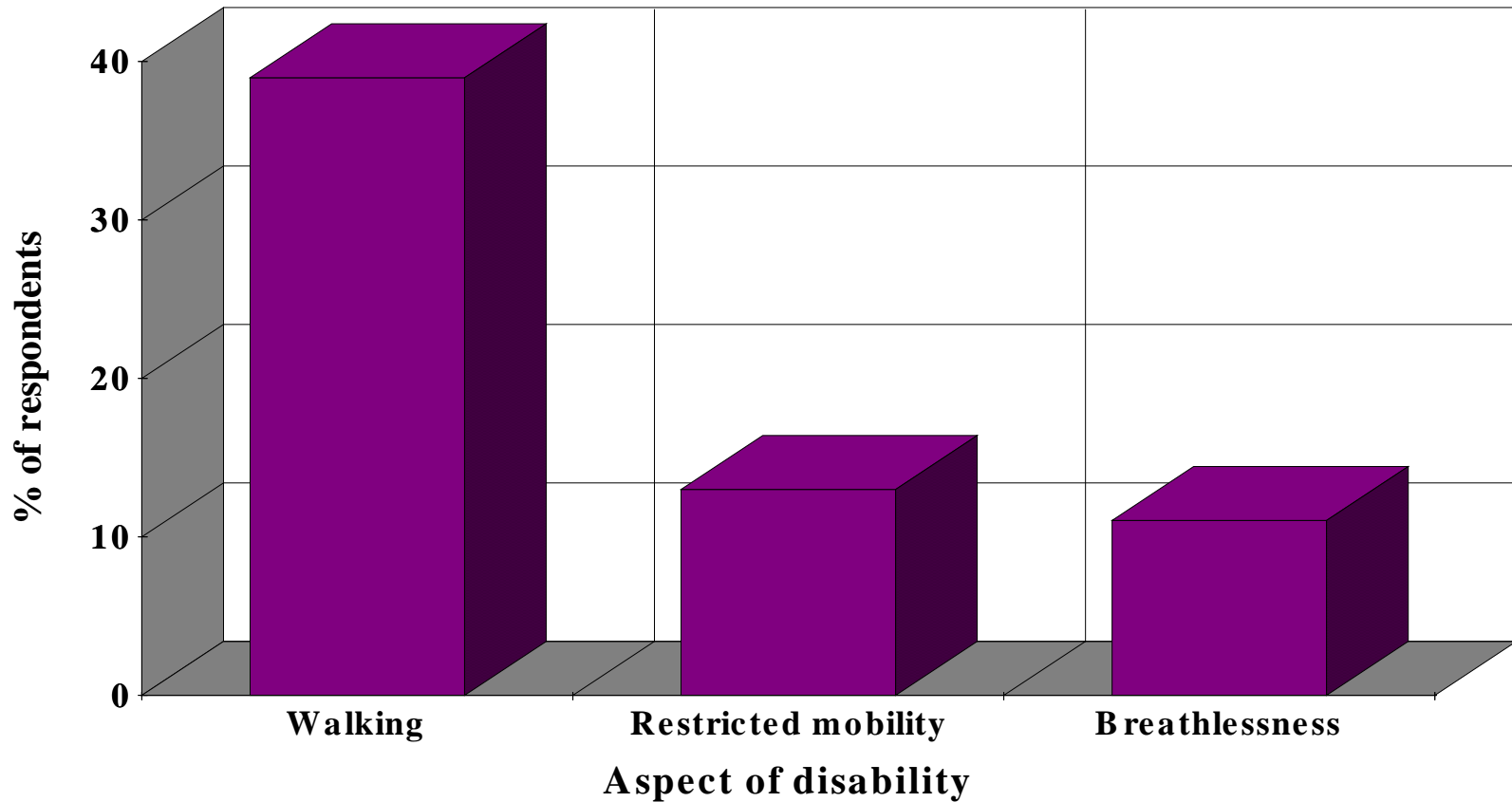
TRAVEL BEHAVIOURS

- **Journeys on previous day**
 - 49% of disabled v.s. 25% of non-disabled- NOT made journey
- **Number of trips**
 - 1.7 trips by disabled v.s. 2.5 trips non-disabled- NOT made trip
- **Walking journeys**
 - 61% of disabled v.s. 42% of non-disabled- NOT walked
- **Bus in past month**
 - Same overall
 - But age/mobility effect

TRAVEL CHOICES (SHS)

- **Reasons for not using local buses**
 - 46% cite health (2% non-disabled)
 - 11% accessing buses (<1% non-disabled)
- **Main reason**
 - 36% cite health (1% non-disabled)
 - 7% accessing buses (<1% non-disabled)

Disability = Difficulty travelling

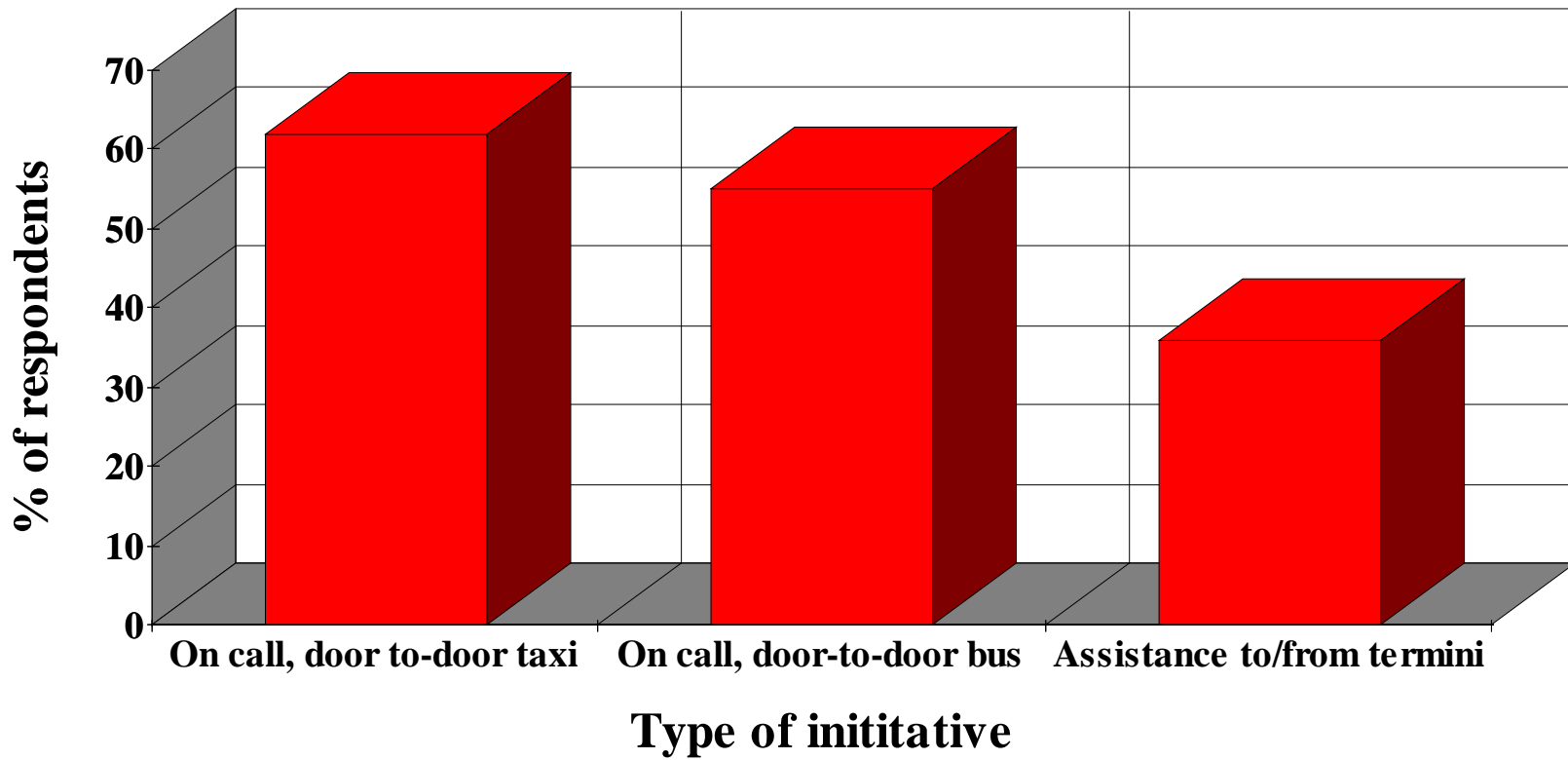


TRAVEL CHOICES (AUDITS)

- **Walking conditions**
 - Pavement condition
 - Safety of crossings
- **Bus drivers behaviour**
 - Lack of assistance



USE PT MORE



CONCLUSIONS

- **Walking to/from termini a significant barrier to PT use**
 - **SHS** (Health barrier)
 - **Household** (Walking/ restricted mobility/breathlessness)
 - **Audits** (Local walking conditions)
 - **Household** (Types of improvements required)

POLICY IMPLICATIONS

- **Misguided policy?**
 - **Cost (Concessionary fares)**
 - **Accessible vehicles (DDA, 2005)**
- **Walking policy?**

Thank you very much--Muchas Gracias

‘Improved PT for disabled people’

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