Changing Travel Behavior against the Background of Demographic Changes

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Introduction

Travel behavior yesterday
Introduction

Travel behavior today

Source: pixelio.de, citybike.at; INOVAPLAN, moovel
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Introduction

Carsharing … Bikesharing … Mobility Apps …

This is what we are talking a lot about …

… but how is travel behavior developing beyond new services and will they be used by everyone in future?
German Mobility Panel

- Annual survey (since 1994) on travel demand in German households
- Trip diary for a whole week
- People participate for three years in a row
- Analysis of mobility key values and the variety of personal travel behavior
- Identification of trends in mode choice

Source: German Mobility Panel
Travel Behavior

time series of distance travelled in Germany

Kilometers travelled per person and day

Year


Analysis of MOP and MiD
Travel Behavior

time series of mode usage in age groups

Kilometers travelled per person and day

Age group

10-19 20-29 30-39 40-49 50-59 60-69 70-79 80 and older


Source: German Mobility Panel
Travel Behavior

mode usage of older people (60 and older)

Source: German Mobility Panel
Travel Behavior

mode usage before and after retirement

Source: German Mobility Panel
Travel Behavior

multi modality*

* Usage of motorized individual traffic, public transport and bicycle at least once a week

Source: German Mobility Panel
Summary // Input for Discussion

- Distance travelled remains more or less constant
- Older people use their car more frequently

Demographic change (seniors of tomorrow):
- ~90% driver licenseship
- Ritualized behavior
- Own smartphones, but using apps?
- Ongoing usage of cars in future?

Multimodality
- Affect younger people more than older people
- Flexible mode usage as indicator for new mobility services?
How will the future look like?

+ electric
+ autonomous
+ x

Source: Qixxit
Thank you for your attention!

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