



DLR

Deutsches Zentrum
für Luft- und Raumfahrt e.V.
in der Helmholtz-Gemeinschaft
Institut für Verkehrsforschung



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Mobilität in Deutschland 2008 – MID 2008 (Mobility in Germany)

Information Meeting Add-Ons
Bonn, 24 July 2007



Contents of the Project's Presentation

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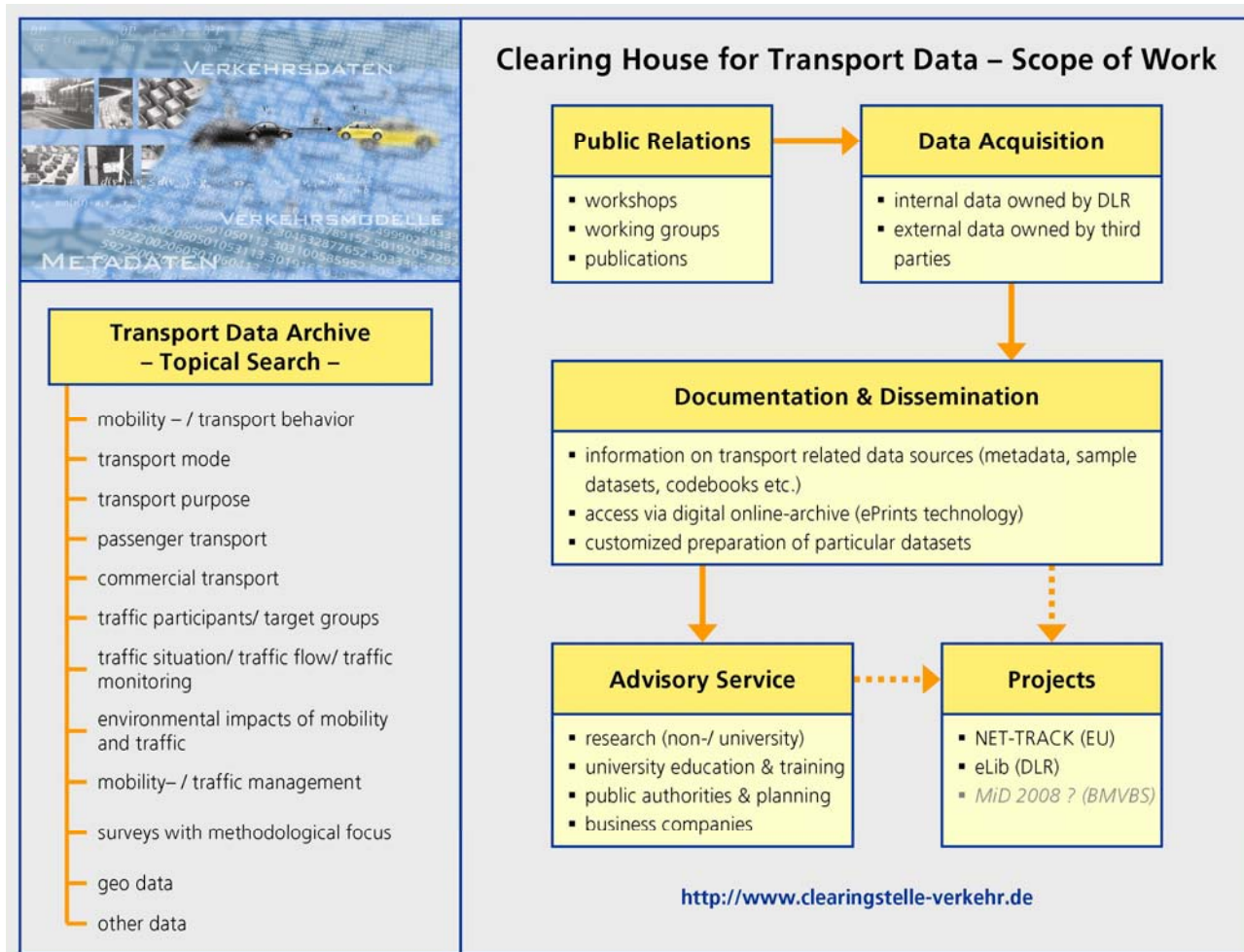


Project Cooperation

Research Areas at infas: Five Foci



Project Cooperation: DLR – Clearing House for Transport Data



- gateway to information about transport data
- provision of selected data, specific surveys of the BMVBS (e.g. MiD 2002, MOP, KiD 2002) amongst others
- consulting data users in particular with regard to secondary use (contents of data sets, eligibility of data for objective etc.)
- organisation of information meetings for the expert audience





Project Objectives

Objective: *Mobility in Germany 2008*

On behalf of the BMVBS infas developed in cooperation with the DIW Berlin a Germany-wide mobility survey in 2002. This was in the tradition of the western German KONTIV-surveys of 1976, 1982 and 1989.

This survey took place under the name *Mobility in Germany 2002* and was carried out for the first time by phone mainly. It based upon international standards and developed them further for the German practice. The objective of 2008 orients towards the former design and is to update the results by means of a new survey:

- a replication of the MiD 2002 to a large extent in order to identify the everyday mobility of private households
- ensuring the comparability with the previous surveys – with optional improvements drawing on the expertise of previous user experience
- survey realisation mainly by phone – if required by methodological mix with other survey methods (postal / online)
- a sample's basic size of 25,000 households in order to differentiate the results by federal states, optional add-on samples for other contracting entities, size in total approximately 50,000 households
- time frame 22 months from award of contract, survey in calendar year 2008



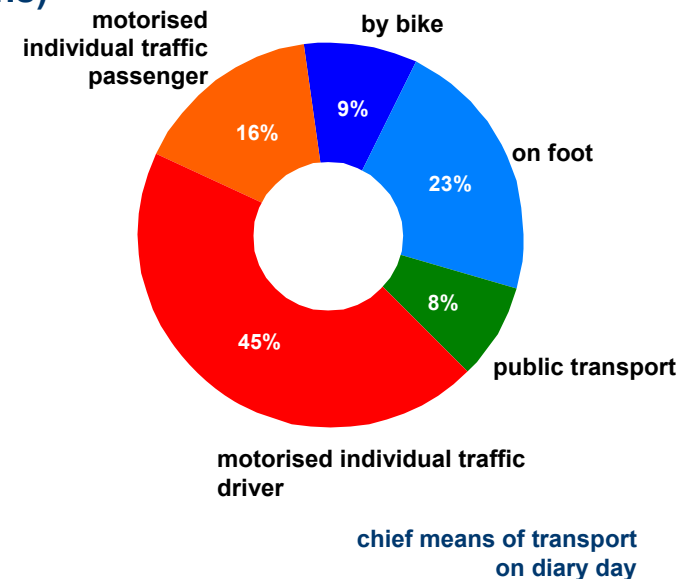
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Project Experience *Mobility in Germany 2002*: Basic Characteristics

The MiD survey design is available for other regions as well and exhibits several special features still unchanged in 2008:

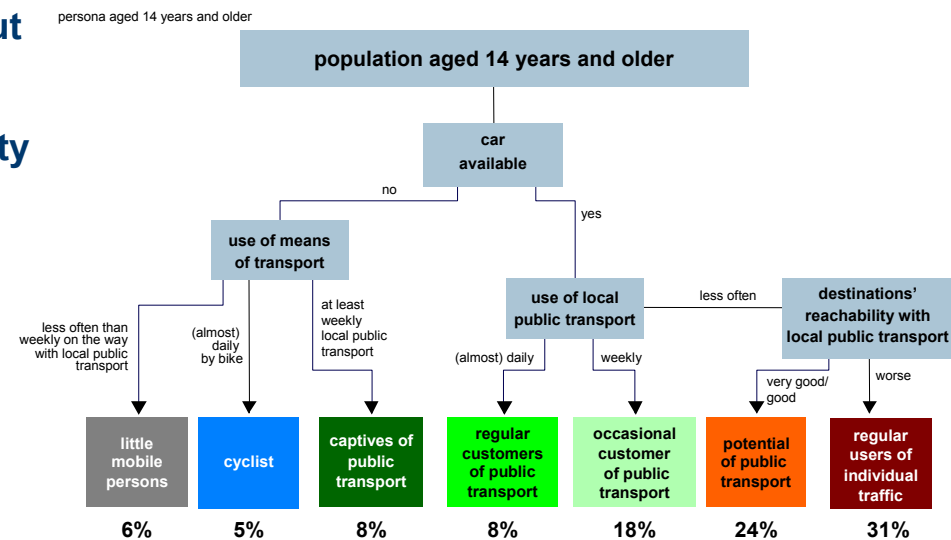
- recording entire households including children 0 years and older
- diary date survey throughout an entire calendar year
- reliable method for recording trips by combining postal and telephone survey methodology
- extremely large sample in order to regionalise the results (50,000 interviewed households in 2002 including add-ons)
- extrapolation of the traffic volume and the traffic performance differentiated by means of transport and purpose of the trips
- within the scope of additional contracts the optional opportunity of a trip analysis based upon a geo codification of the available trip information and apportion to the transport network



Project Experience *Mobility in Germany 2002*: Innovative Characteristics

The survey in 2002 developed various new elements, which proved to be of value. These will be integrated in the replication survey 2008 and advanced in several aspects:

- use of a registry offices' sample
- transparent depiction of field course
- methodological mix of postal and telephone and online survey
- recording the data in a personal and trip matrix
- provision of differentiated information about trip purposes
- additional enquiry about the general mobility behaviour independent from diary date and user groups' segmentation as well as the theoretical potential of the local public transport
- regular updates of project information on the Internet



example user segmentation



Survey Preparation and Contents

Schedule: Important Milestones

award of contract:	end of June 2007
preparation add-ons:	July 2007
user survey and workshop:	August 2007
decision about add-ons:	end of October 2007
questionnaire and sample:	September to November 2007
pretest:	December 2007 to January 2008
main survey:	February 2008 to March 2009
interim results:	August 2008
tabular reports:	April 2009
end of project:	June 2009



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Sample: Drawing the Registry Offices' Sample

Like the survey in 2002 the survey 2008 also bases upon an registry offices' sample in order to allow for exhausting the thus linked quality benefits:

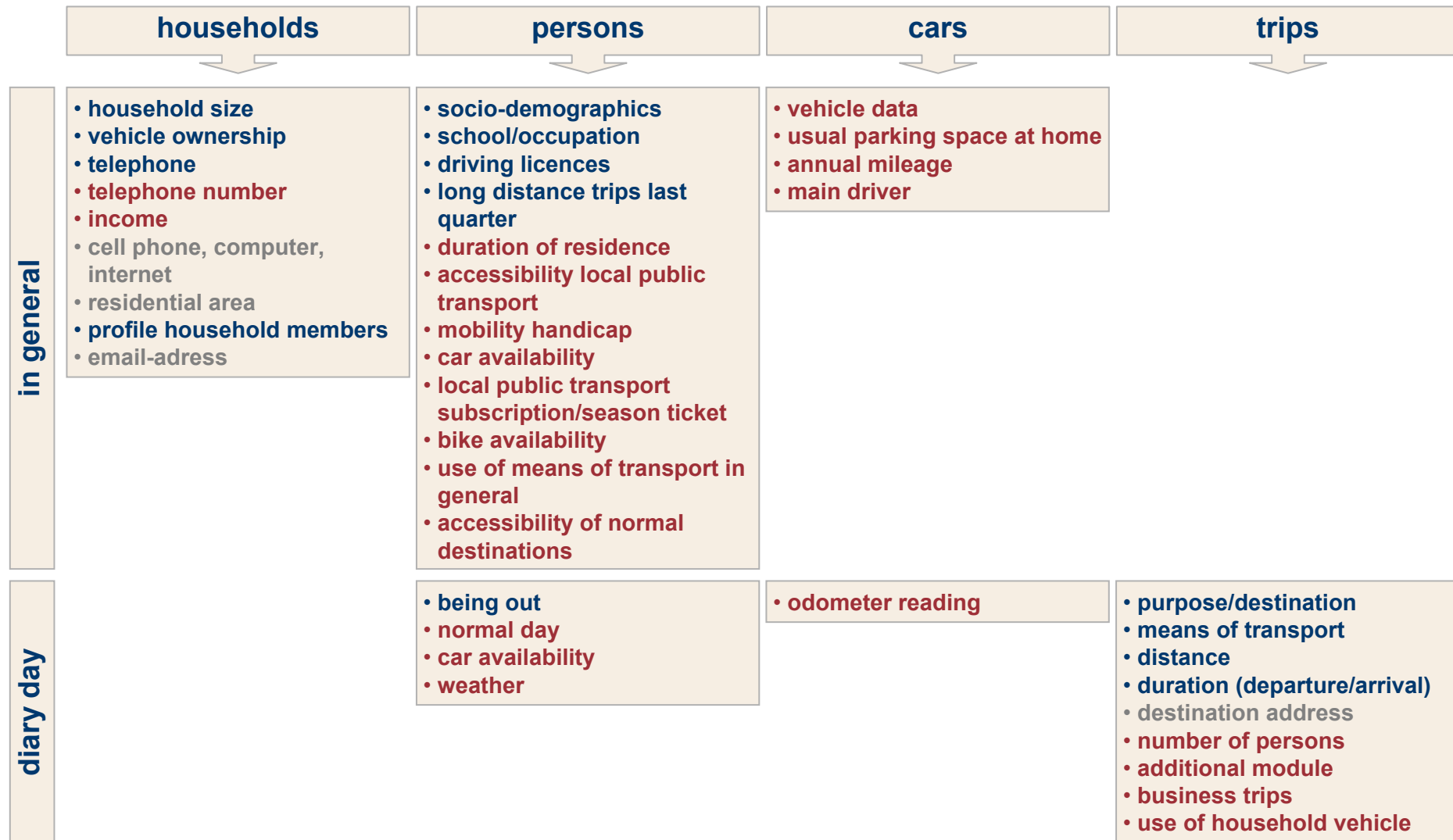
- inclusion of approx. 300 municipalities (500 including add-ons)
- selection by BBR or BIK classification (different kinds of regional structure)
- additional sample check through comprehension of infrastructure variables
- control by Federal States
- 25000 interviewed households in total (approx. 50000 including add-ons)
- possibility to announce the survey in advance by letter in order to optimise the return rate
- conducting selectivity analyses and a non-response survey



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Questionnaire 2008: Based upon the Version of 2002



red: expansion compared to previous surveys of the KONTIV type (since 2002)

grey: abbreviation 2008



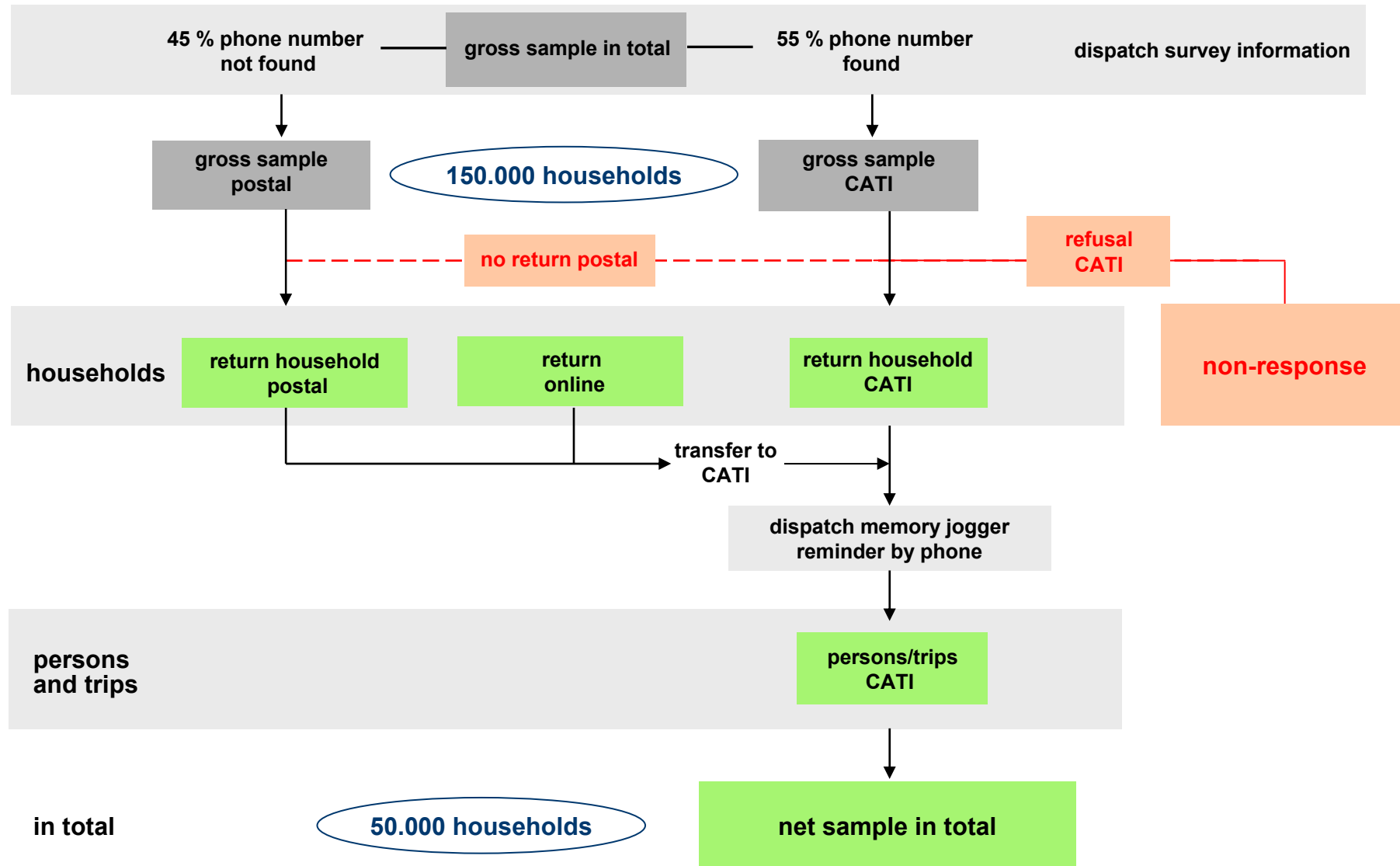
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Elements of Field Work

Overview Survey Flow: Two-Stage Survey



Support with Trip Collection: Memory Jogger

Wegeblatt für:		Anna Maria		Ihre Wege außer Haus am: Monday, 14.01.08		
Wann sind Sie losgegangen oder gefahren?	Was haben Sie gemacht? Welchen Zweck hatte der Weg? <small>(z.B. zur Arbeit, Einkaufen, Freizeitaktivitäten)</small>	Wohin sind Sie gegangen oder gefahren? <small>(bitte möglichst Postleitzahl, Ort, Straße und Hausnummer notieren)</small>	Wie sind Sie dorthin gekommen? <small>(z.B. zu Fuß, mit dem Bus, mit dem Auto. Bitte möglichst alle Fußwege und Verkehrsmittel notieren.)</small>	Sind Sie mit jemandem zusammen unterwegs gewesen? <small>(Wenn ja, mit wie vielen anderen Personen?)</small>	Wie weit war es untergefahren?	Um welche Uhrzeit sind Sie dort angekommen?
1 : Uhr					km	: Uhr
2 : Uhr					km	: Uhr
3 : Uhr					km	: Uhr
4 : Uhr					km	: Uhr
5 : Uhr					km	: Uhr
6 : Uhr					km	: Uhr
7 : Uhr					km	: Uhr
8 : Uhr					km	: Uhr

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3849 MID 2008

Each person receives his or her diary day after having completed the household interview (uniform for the entire household) as well as a memory jogger printed with the individual name. On this sheet all trips made on the diary day can be recorded.

In this case the telephone survey can even take place later than three days after the diary day, if the completed sheet is available throughout the telephone interview. Yet, for proxy interviews it is obligatory.



Overview Household and Survey Status in CATI Interview: Who Has Still to Be Interviewed?

Personenauswahl (1.0.0.0)

Stichtag Montag 21.01.2008, Abstand -15 Tage

#A1

Guten Tag, meine Name ist
Ich rufe an vom infas Institut für angewandte Sozialwissenschaft in Bonn. Es geht um die Untersuchung des Mobilitätsverhaltens der Bevölkerung in der Bundesrepublik. In diesem Zusammenhang haben wir vor kurzem bereits mit **muster musterest** gesprochen und Ihnen vor einigen Tagen Unterlagen zugeschickt.

Folgende Personen möchten wir jetzt gerne zu Ihren Wegen an Ihrem Stichtag befragen, der am **Montag**, den **21.01.2008** war.

Interviewer: Bitte immer die aktuelle Kontaktperson setzen.
Interviewer: Person auswählen, für die das Interview geführt werden soll.

Person am Telefon
Seble

Termin

Wegebefragung für ...
Seble Anmerkung:

ID	Name	Alter	Geschl	Proxy	Status	Bemerkungen
1	Seble	30	W	Selbst Erw.	noch nicht befragt	
2	Andreas	45	M	Selbst Erw.	noch nicht befragt	
3	Jeremias	14	M	Selbst Erw.	noch nicht befragt	
4	Jonathan	12	M	Selbst Ki ...	noch nicht befragt	
5	Joelle	3	W	Proxy K<10	noch nicht befragt	

Right at the start of each person and trip interview the CATI interviewer must be able to spot, which contacts already took place in this household as well as which persons have still to be interviewed. For this purpose – in the background controlled via relational data storage – an overview screen will show up in the beginning indicating all persons living in the household – incorporated from the previous household interview - as well as the current interview status in the second interview phase.

Trip Collection by CATI Interview: Sorting of Daily Routine and Transfer to Other Persons

start of trip interview in the household

L.	Z.	Zweck	Bemerkung	Beginn	Ende	Mitfahrer	Bestätigung
1	1	Erreichen des Arbeitsplatzes		08:00	08:30		
2	9	Rückweg vom vorherigen Weg		17:00	17:30		
3	7	Freizeitaktivität :: Sport (selbst aktiv), Sportverei...		17:30	17:45		
4	7	Freizeitaktivität :: Restaurant, Kneipe, Gaststätt...		19:30	19:45		
5	8	nach Hause		22:00	22:15		

Start: 00:00 Folgetag Ende: 00:00 Folgetag

Zweck: --- Kein Eintrag ---

Bemerkung:

#Wegematrix

Kommen wir zu dem nächsten Weg, den Sie/Du am **Montag**, dem **21.01.2008** unternommen haben.
Diese möchten wir zunächst im Überblick erfassen, beginnend mit dem ersten Weg am **21.01.2008**.
Sagen Sie mir bitte zu jedem Weg,
- warum Sie unterwegs waren,
- wann Sie losgegangen oder gefahren
und wann Sie angekommen sind.

Vergessen Sie dabei bitte nicht die Rückwege und die Wege nach Hause.

The data recording mask of the interviewers provides at first a rough collection of all trips in the course of the day. Forgotten trips can be supplemented and will be put in the right temporal order automatically. The interviewer can also spot whether return trips are missing and enquire systematically. Unlike a postal interview the daily routine can be retraced superiorly.

companions already reported

L.	Z.	Zweck	Bemerkung	Beginn	Ende	Mitfahrer	Bestätigung
4	0			08:00	08:30	Andreas	besucht
1	0			12:00	12:15	Seble	besucht
2	0			12:30	12:45	Seble	besucht
3	0			13:15	13:30	Seble	besucht

Neuer Weg

#Wegematrix

Bereits eingetragene Wege abfragen ob Angaben korrekt!
Falls Angaben nicht korrekt, Angaben anpassen bzw. Datensatz löschen!

Im Folgenden geht es um Ihre Wege außer Haus an Ihrem Stichtag **Montag**, dem **21.01.2008**.
Diese möchten wir zunächst im Überblick erfassen, beginnend mit dem ersten Weg am **21.01.2008**.
Sagen Sie mir bitte zu jedem Weg,
- warum Sie unterwegs waren,
- wann Sie losgegangen oder gefahren
und wann Sie angekommen sind.

Vergessen Sie dabei bitte nicht die Rückwege und die Wege nach Hause.

If another person within the household already reported a trip, which he or she covered together with the just interviewed person, this information will be incorporated in the CATI interview automatically and disclosed for the interviewer – and the necessary change of perspective happens for the purpose of the trip: *taking* the daughter to school changes in her interview to *way to school*.



Contact

Project Homepage: www.mobilitaet-in-deutschland.de



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