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Variablename	IDHH	since	until
Type of variable	Determined by the field work company		2001
Description	Identification number of household <i>Since Cohort 2013 10 digits, before: 6 digits</i>		
Answercode	Answertext	since	until
number	Household Identification	2001	

Variablename	JAHR	since	until
Type of variable	Determined by the field work company		2001
Description	Year the survey (car use and fuel consumption) was carried out <i>Performed in the spring of the following year of the everyday mobility survey</i>		
Answercode	Answertext	since	until
number	Year	2001	

Variablename	PKWNR	since	until
Type of variable	Determined by the field work company		2001
Description	Identification number of car within the household <i>Increasing with decreasing assumed VMT per year (given by attendees); not consistent between years (since 2011/12 in this definition, before 2012 similar to the PKWORDNR)</i>		
Answercode	Answertext	since	until
number	Car number	2001	



Variablename	PKWORDNR	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Ordering number of car <i>Doubling allowed; might be different from PKWNR; not consistent between years</i>		
Answercode	Answertext	since	until
1	First car	2001	
2	Second car	2001	
3	Third car	2001	
4	Fourth car	2001	

Variablename	ANZBUCH	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Number of mileage and consumption diaries returned by the household		
Answercode	Answertext	since	until
number	Mileage and consumption diaries	2001	
.	No response	2001	

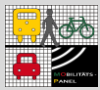
Variablename	HHGRO	since	until
Type of variable	Queried in the questionnaire	2001	
Description	How many people permanently living in the household, you inclusive?		
Answercode	Answertext	since	until
number	Persons in household	2001	
.	No response	2001	



Variablenname	ANZKIND	since	until
Type of variable	Queried in the questionnaire	2001	
Description	therefrom children under the age of 10		
Answercode	Answertext	since	until
number	Persons in household	2001	
.	No response	2001	

Variablenname	PKWHH	since	until
Type of variable	Queried in the questionnaire	2013	
Description	How many cars are permanently available to your household (including privately used company and company cars, without car sharing)? <i>Does not necessarily correspond to the number of car diaries available per household</i>		
Question History:			
Type of variable	Queried in the questionnaire	2001	2012
Description	How many cars are available to your household (including privately usable company vehicles)? <i>Does not necessarily correspond to the number of car diaries available per household</i>		
Answercode	Answertext	since	until
number	Cars	2001	
.	No response	2001	

Variablenname	RAUMTYP	since	until
Type of variable	Supplemented from external sources	2001	
Description	Type of region according to BIK (see BIK) combined		
Answercode	Answertext	since	until
1	More than 100,000 inhabitants, home located in core region	2001	
2	More than 100,000 inhabitants, home located in suburban area	2001	
3	Between 20,000 and 100,000 inhabitants	2001	
4	Between 5,000 and 20,000 inhabitants	2001	
5	Less than 5,000 inhabitants	2001	



Variablename	HHTYP	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Type of household <i>The information was generated during the recruiting process and might differ from the information provided by the interviewee; not provided for 1995</i>		

Answercode	Answertext	since	until
1	Small household with employed person(s) (1-2 persons)	2001	
2	Small household with non-employed person (1-2 persons, retired persons)	2001	
3	Household with children aged 17 or younger	2001	
4	Household without children, 3 and more adults	2001	

Variablename	PRIVPKW	since	until
Type of variable	Queried in the questionnaire	2010	
Description	Who is the owner of the car(s) in your household registered in the vehicle registration document or who has leased the car?		

Question History:

Type of variable	Queried in the questionnaire	2001	2009
Description	Who is the owner of your car registered in the vehicle registration document or who has leased the car?		

Answercode	Answertext	since	until
1	Household itself	2001	
2	Own company	2001	
3	Employer	2001	
4	Other	2001	
.	No response	2001	



Variablenname	NUTZUNG	since	until
Type of variable	Queried in the questionnaire	2013	
Description	How do you use the car(s)		

Question History:

Type of variable	Queried in the questionnaire	2001	2009
Description	Prevailing usage of the car		
Type of variable	Queried in the questionnaire	2010	2012
Description	Prevailing usage of the car(s)		

Answercode	Answertext	since	until
1	Only private	2001	
2	Private and business related	2001	
3	Only business related	2001	
.	No response	2001	



Variablenname	MARKE	since	until
Type of variable	Queried in the questionnaire	2008	
Description	Brand		
	<i>Meaning changed in German translation</i>		

Question History:

Type of variable	Queried in the questionnaire	2001	2007
Description	Brand		

Answercode	Answertext	since	until
1	Audi	2001	
2	VW	2001	
3	BMW	2001	
4	Mercedes	2001	
5	Opel	2001	
6	Ford	2001	
7	Fiat	2001	
8	Toyota	2001	
9	Mitsubishi	2001	
10	Citroen	2001	
11	Renault	2001	
12	Chrysler	2001	
13	Peugeot	2001	
14	Nissan	2001	
15	Volvo	2001	
16	Mazda	2001	
17	Suzuki	2001	
18	Seat	2001	
19	Daihatsu	2001	
20	Alfa Romeo	2001	
21	Chevrolet	2001	
22	Subaru	2001	
23	Hyundai	2001	
24	Honda	2001	
25	Lancia	2001	
26	Lada	2001	
27	Isuzu	2001	



28	Skoda	2001
29	Daewoo	2001
30	Saab	2001
31	Kia	2001
32	Rover	2001
33	Trabant	2001
34	Porsche	2001
35	Smart	2001
36	Ssangyoung	2001
37	Lexus	2001
38	Landrover	2001
39	Other	2001
40	Dacia	2013
41	Tesla	2019
.	No response	2001

Variablenname	TYP	since	until
Type of variable	Queried in the questionnaire	2008	
Description	Car model <i>Meaning changed in German translation</i>		

Question History:

Type of variable	Queried in the questionnaire	2001	2007
Description	Car model		

Answercode	Answertext	since	until
text	Model	2001	
""	No response	2001	



Variablename	BAUJAHR	since	until
Type of variable	Queried in the questionnaire	2008	
Description	Year of car construction / first registration		

Question History:

Type of variable	Queried in the questionnaire	2001	2007
Description	Year of car construction		

Answercode	Answertext	since	until
number	Construction year	2001	
.	No response	2001	

Variablename	HUBRAUM	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Car engine displacement		

Answercode	Answertext	since	until
number	Engine displacement in cm ³	2001	
.	No response	2001	

Variablename	PS	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Car engine output in horsepower		

Answercode	Answertext	since	until
number	Engine output in horsepower	2001	
.	No response	2001	



Variablename	TANKINH	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Engine fuel capacity / size <i>If gas vehicles are equipped with a gas and petrol tank, the tank size of the tank with the larger capacity is given</i>		
Answercode	Answertext	since	until
number	Fuel capacity in liter	2001	
.	No response	2001	



Variablenname	BENZIN	since	until
Type of variable	Queried in the questionnaire	2010	2015
Description	Fuel type (if you use more than one fuel type, please specify the most frequently fueled one)		

Question History:

Type of variable	Queried in the questionnaire	2001	2009
Description	Fuel type		

Answercode	Answertext	since	until
1	Super 95 and gasoline	2001	2015
2	Diesel	2001	2015
3	Super plus (98 octane)	2001	2015
5	Other	2001	2015
6	Gasoline (no details given)	2001	2015
10	Electric vehicle (BEV)	2001	2015
11	Super E10 95	2011	2015
12	Methanol (fuel cell)	2001	2015
13	Hydrogen (fuel cell)	2001	2015
21	Biodiesel	2011	2015
70	Gas (no details given)	2001	2015
71	CNG / LNG and gasoline	2001	2015
72	CNG / LNG and diesel	2001	2015
73	LPG and gasoline	2001	2015
74	LPG and diesel	2001	2015
80	Hybrid electric vehicle	2001	2015
81	Hybrid electric vehicle 1 (diesel)	2001	2015
82	Hybrid electric vehicle 2 (gasoline)	2001	2015
83	Plug-in hybrid electric vehicle 1 (PHEV – diesel)	2001	2015
84	Plug-in hybrid electric vehicle 2 (PHEV – gasoline)	2001	2015
.	No response	2001	2015

Answer History:

4	(Gasoline 91 octane)	2001	2006
9	No response	2002	2006



Variablename	STRART	since	until
Type of variable	Queried in the questionnaire	2001	2011
Description	Prevailing usage of one road type		
Answercode	Answertext	since	until
1	Yes, mainly inner city streets	2001	2011
2	Yes, mainly highway	2001	2011
3	Yes, mainly country roads	2001	2011
4	No, different types of roads	2001	2011
.	No response	2001	2011

Variablename	KMJahr	since	until
Type of variable	Queried in the questionnaire	2001	
Description	How many kilometers does this car (whether you or other people) drive per year? Please do not forget possible holiday trips.		
Answercode	Answertext	since	until
number	Vehicle mileage in km	2001	
.	No response	2001	

Variablename	NORMAL	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Were there any noteworthiness during the reporting period, e.g. vacation trip by car, car damage?		
Answercode	Answertext	since	until
1	No	2001	
2	Yes	2001	
.	No response	2001	



Variablename	NORMAL1	since	until
Type of variable	Queried in the questionnaire	2001	
Description	First noteworthiness during reporting period (if NORMAL = 2)		

Answercode	Answertext	since	until
1	Vacation national	2001	
2	Vacation abroad	2001	
3	Sickness	2001	
4	Car damage / car in shop	2001	
5	Other	2001	
6	Vacation without car	2001	
7	Exceptional number of trips	2001	
8	Considerably less trips	2001	
.	No response	2001	

Variablename	NORMAL2	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Second noteworthiness during reporting period (if NORMAL = 2)		

Answercode	Answertext	since	until
1	Vacation national	2001	
2	Vacation abroad	2001	
3	Sickness	2001	
4	Car damage / car in shop	2001	
5	Other	2001	
6	Vacation without car	2001	
7	Exceptional number of trips	2001	
8	Considerably less trips	2001	
.	No response	2001	



Variablename	NORMAL3	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Third noteworthiness during reporting period (if NORMAL = 2)		

Answercode	Answertext	since	until
1	Vacation national	2001	
2	Vacation abroad	2001	
3	Sickness	2001	
4	Car damage / car in shop	2001	
5	Other	2001	
6	Vacation without car	2001	
7	Exceptional number of trips	2001	
8	Considerably less trips	2001	
.	No response	2001	

Variablename	ANORMA	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Start date of noteworthiness event		

Answercode	Answertext	since	until
number	Start date	2001	
.	No response	2001	

Variablename	ANORME	since	until
Type of variable	Queried in the questionnaire	2001	
Description	End date of noteworthiness event		

Answercode	Answertext	since	until
number	End date	2001	
.	No response	2001	



Variablename	DATANF	since	until
Type of variable	Determined by the field work company	2001	
Description	Start date of reporting period <i>Leading zeros omitted</i>		
Answercode	Answertext	since	until
number	Date (DDMM), no leading zero	2001	

Variablename	KMANF	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Vehicle mileage at start of reporting period in kilometer		
Answercode	Answertext	since	until
number	Vehicle mileage in km	2001	

Variablename	INHANF	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Level of fuel tank at the beginning of the reporting period, given in liters		
Answercode	Answertext	since	until
number	Level of fuel tank in liters	2001	

Variablename	DATn	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Date (DDMM) <i>No leading zero; report of up to 26 refueling operations in the reporting period: DAT1 to DAT26</i>		
Answercode	Answertext	since	until
number	Date (DDMM), no leading zero	2001	
.	No response	2001	



Variablename	KMn	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Vehicle mileage in kilometer <i>Report of up to 26 refueling operations in the reporting period: KM1 to KM26</i>		
Answercode	Answertext	since	until
number	Vehicle mileage in kilometer	2001	
.	No response	2001	

Variablename	LITERn	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Supplied fuel volume in liter * 10 <i>Report of up to 26 refueling operations in the reporting period: LITER1 to LITER26</i>		
Answercode	Answertext	since	until
number	Supplied fuel volume in liter * 10	2001	
.	No response	2001	

Variablename	PREISn	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Price for supplied fuel in Euro * 10 <i>Report of up to 26 refueling operations in the reporting period: PREIS1 to PREIS26</i>		
Answercode	Answertext	since	until
number	Price for supplied fuel in Euro * 10	2001	
.	No response	2001	



Variablenname	VOLLn	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Has the fuel tank been completely filled up <i>Report of up to 26 refueling operations in the reporting period: VOLL1 to VOLL26</i>		
Answercode	Answertext	since	until
1	Completely filled up	2001	
2	Not completely filled up	2001	
.	No response	2001	

Variablenname	TAUSLANDN	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Refueling abroad <i>Report of up to 26 refueling operations in the reporting period: TAUSLAND1 to TAUSLAND26</i>		
Answercode	Answertext	since	until
1	Yes	2021	
.	No response	2021	

Variablenname	DATEND	since	until
Type of variable	Queried in the questionnaire	2001	
Description	End date of reporting period		
Answercode	Answertext	since	until
number	Date (DDMM), no leading zero	2001	

Variablenname	KMEND	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Vehicle mileage at end of reporting period in kilometer		
Answercode	Answertext	since	until
number	Vehicle mileage in km	2001	



Variablenname	INHEND	since	until
Type of variable	Queried in the questionnaire	2001	
Description	Level of fuel tank at the end of the reporting period given in liters		
Answercode	Answertext	since	until
number	Level of fuel tank in liters	2001	

Variablenname	ANZTANK	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Number of fuellings		
Answercode	Answertext	since	until
number	Fuellings	2001	

Variablenname	ANZTAGE	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Number of reporting days		
Answercode	Answertext	since	until
number	Reporting days	2001	

Variablenname	GESKM	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Total distance driven during reporting period in kilometers		
Answercode	Answertext	since	until
number	Distance in km	2001	



Variablename	GESLITER	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Total amount of fuel consumed during reporting period in liters		
Answercode	Answertext	since	until
number	Fuel consumed	2001	

Variablename	VERB	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Average gas mileage during reporting period in liters per 100 kilometers		
Answercode	Answertext	since	until
number	Liters per 100 km	2001	

Variablename	FFAHRL	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Monthly vehicle miles travelled <i>Computation: GESKM / ANZTAGE * 30</i>		
Answercode	Answertext	since	until
number	Monthly vehicle miles travelled in km	2001	

Variablename	HUB_KLAS	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Engine displacement class in cm ³		
Answercode	Answertext	since	until
1	≤ 1,399	2001	
2	1,400 - 1,599	2001	
3	1,600 - 1,999	2001	
4	≥ 2,000	2001	

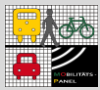


Variablenname	ALT_KLAS	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Age class		
Answercode	Answertext	since	until
1	0 - 3 years	2001	
2	4 - 6 years	2001	
3	7 - 9 years	2001	
4	10 years and older	2001	

Variablenname	HUB_ALT	since	until
Type of variable	Calculated on the basis of other questions / variables	2001	
Description	Combined engine displacement (HUB_KLAS) and age class (ALT_KLAS) of vehicle <i>Values from 11 to 44</i>		
Answercode	Answertext	since	until
number	Class	2001	

Variablenname	GEWICHT	since	until
Type of variable	Supplemented from external sources	2001	
Description	Weighting factor of the vehicle, derived from engine displacement and vehicle age		
Answercode	Answertext	since	until
number	Weight factor	2001	

Variablenname	BESCHAFFUNG	since	until
Type of variable	Queried in the questionnaire	2011	
Description	How long (year) has this vehicle been in your household?		
Answercode	Answertext	since	until
number	Year	2011	
.	No response	2011	



Variablenname	SEGMENT	since	until
Type of variable	Supplemented from external sources	2005	
Description	Car segment according to KBA classification <i>Since wave 2012 determined using the latest KBA classification, see https://www.kba.de/DE/Statistik/Fahrzeuge/Neuzulassungen/Segmente/segmente_node.html; the information was added for the waves 2006 to 2011 in retrospect using the KBA classification from 2012</i>		

Answercode	Answertext	since	until
1	Mini	2005	
2	Small car	2005	
3	Compact car	2005	
4	Middle class car	2005	
5	Upper middle class car	2005	
6	Upper class car	2005	
7	All-terrain vehicle	2005	
8	Sports car	2005	
9	Mini van	2005	
10	Large van	2005	
11	Utility	2005	
12	Motorhome	2005	
13	SUV	2012	
.	Not available	2005	

Variablenname	ANZNUTZER	since	until
Type of variable	Queried in the questionnaire	2012	
Description	How many people (in total) in the household use this car as a driver?		
Answercode	Answertext	since	until
number	Number of persons	2012	
.	No response	2012	



Variablenname	HAUPTNUTZER	since	until
Type of variable	Queried in the questionnaire	2012	
Description	Is there a main user of the car?		
Answercode	Answertext	since	until
1	Yes	2012	
2	No	2012	
.	No response	2012	

Variablenname	ANTRIEB	since	until
Type of variable	Queried in the questionnaire	2016	
Description	Car drive		
Answercode	Answertext	since	until
1	Diesel	2016	
2	Petrol	2016	
3	Gas	2016	
4	Hybrid	2016	
5	Electric	2016	
6	Methanol (fuel cell)	2016	
7	Plug-In-Hybrid	2021	
8	Other	2016	
.	No response	2016	

Variablenname	Method	since	until
Type of variable	Determined by the field work company	2019	
Description	Type of report		
Answercode	Answertext	since	until
1	Refueling diary	2019	
2	Charging event diary	2019	



Variablename	AKKU	since	until
Type of variable	Determined by the field work company	2019	
Description	Electric vehicle with battery		
Answercode	Answertext	since	until
1	Battery	2019	
.	No response	2019	

Variablename	KWH	since	until
Type of variable	Queried in the questionnaire	2019	
Description	Battery capacity <i>Variable available for BEV and PHEV</i>		
Answercode	Answertext	since	until
number	kWh	2019	
.	No response	2019	

Variablename	REICHWEITE	since	until
Type of variable	Queried in the questionnaire	2019	
Description	Range according to manufacturer <i>Variable available for BEV and PHEV</i>		
Answercode	Answertext	since	until
number	km	2019	
.	No response	2019	



Variablenname	LADE_ANF	since	until
Type of variable	Queried in the questionnaire	2019	
Description	Charge status in the beginning of the reporting periode <i>Variable available for BEV and PHEV</i>		
Answercode	Answertext	since	until
number	%	2019	
.	No response	2019	

Variablenname	LADE_END	since	until
Type of variable	Queried in the questionnaire	2019	
Description	Charge status at the end of the reporting periode <i>Variable available for BEV and PHEV</i>		
Answercode	Answertext	since	until
number	%	2019	
.	No response	2019	

Variablenname	ANZLADE	since	until
Type of variable	Calculated on the basis of other questions / variables	2019	
Description	Number of loadings <i>Variable available for BEV and PHEV</i>		
Answercode	Answertext	since	until
number	Loading	2019	



Variablenname	FRAGEBOGEN	since	until
Type of variable	Determined by the field work company	2021	
Description	Questionnaire type		
Answercode	Answertext	since	until
1	Refueling diary	2021	
2	Charging event diary	2021	
3	Refueling/charging diary	2021	

Variablenname	HSN	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Manufacturer number <i>This information can be used (in combination with the variable TSN) to apply further information to the data set</i>		
Answercode	Answertext	since	until
number	4 character	2021	

Variablenname	TSN	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Type key number <i>This information can be used (in combination with the variable HSN) to add further information to the data set</i>		
Answercode	Answertext	since	until
number	3 character	2021	

Variablenname	VARIANTE	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Version <i>Variable available for PHEV</i>		
Answercode	Answertext	since	until
text	Version	2021	



Variablenname	KW	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Engine power of the car in kW		
Answercode	Answertext	since	until
number	Engine output in kW	2021	

Variablenname	TUV	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Last general inspection (HU)		
Answercode	Answertext	since	until
number	Year of last HU	2021	

Variablenname	VERBRANSCH	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Average consumption since purchase <i>Variable available for PHEV</i>		
Answercode	Answertext	since	until
number	Liters per 100 km	2021	
.	No response	2021	

Variablenname	FERNVERKEHR	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Long-distance car use (> 100 km)		
Answercode	Answertext	since	until
1	Yes, frequently	2021	
2	Yes, occasionally	2021	
3	No	2021	
.	No response	2021	



Variablename	TANKHYBRID_ANF	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Fuel tank level at start in %. <i>Variable available for PHEV</i>		
Answercode	Answertext	since	until
number	%	2021	

Variablename	TANKHYBRID_END	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Fuel tank level at the end in %. <i>Variable available for PHEV</i>		
Answercode	Answertext	since	until
number	%	2021	

Variablename	ANZTANKJAHR	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Refueling frequency of plug-in hybrid per year		
Answercode	Answertext	since	until
number	Refueling events per year	2021	
.	No response	2021	

Variablename	VORGAUSLAND	since	until
Type of variable	Queried in the questionnaire	2021	
Description	Refueling abroad		
Answercode	Answertext	since	until
1	Yes	2021	
2	No	2021	
.	No response	2021	



Variablenname	ANZAUSLAND	since	until
Type of variable	Calculated on the basis of other questions / variables	2021	
Description	Number of refueling/charging events abroad during the reporting period		
Answercode	Answertext	since	until
number	Number of refueling/charging events	2021	