

SOEP Survey Papers

Series D – Variable Descriptions and Coding

SOEP-Core v32 – KIDLONG: Pooled Dataset on Children

Running since 1984, the German Socio-Economic Panel study (SOEP) is a wide-ranging representative longitudinal study of private households, located at the German Institute for Economic Research, DIW Berlin.

The aim of the SOEP Survey Papers Series is to thoroughly document the survey's data collection and data processing. The SOEP Survey Papers is comprised of the following series:

Series A – Survey Instruments (Erhebungsinstrumente)

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SOEP-Core v32 – KIDLONG: Pooled Dataset on Children

SOEP Group

2017

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1 Overview

The variables stored in the **KIDLONG** file are based on the information annually collected and stored in the wave-specific **\$KIND** files. The relevant information is not provided by children themselves but by answers to the questions in the household questionnaire given by the respondent within the household (mostly the head of the household). This data is re-aggregated at the person level and stored as child-specific entries in the file **\$KIND**. In order to create variables that comprise consistent longitudinal information the variables from the annual **\$KIND** files need to be modified, meaning the information needs to be adjusted to be comparable over time. Since the annual **\$KIND** datasets also contain additional information on institutional care and school attendance for children and young people; in selected waves, questions on the costs of childcare as well as non-institutional care arrangements are also asked. The entries in **KIDLONG** are identifiable with the codes “20 to 25” in the wave-specific variable **\$NETTO** (in the file PPFAD) or the code “2” in the variable **\$NETOLD**. Please note that “year of birth“, “month of birth“ and “sex“ are not included in this dataset. A child’s year of birth (**GEBJAHR**), month of birth (**GEMONAT**) and child’s sex (**SEX**) are included in PPFAD. In PPFAD you will find consistent longitudinal information. **KIDLONG** comprises data from waves **ABF**, i.e. survey years 1984-2015. **KIDLONG** is a pooled dataset with the identifiers **persnr** and **syear**.

2 Identifier

syear – Survey Year

Waves: all

Variable **syear** depicts the year of observation. It ranges from 1984 to the most recent wave of data (currently 2015). The variable **syear** is needed in conjunction with **persnr** unique identification of a PERSON-YEAR observation in **KIDLONG**.

hhnr – Original Household Number

Waves: all

hhnrakt – Wave-Specific Household Id

Waves: all

persnr – Id of Child

Waves: all

Unique person identifier for each person in the SOEP database.

3 Basic demographics (var names starting with K)

k_samp – Subsample Identifier Tns-Infratest

1	[1] A German HH head, West	45465
2	[2] B1 Turkish HH head	10566
3	[3] B2 Yugoslavian HH head	3545
4	[4] B3 Greek HH head	2243
5	[5] B4 Italian HH head	4242

6	[6] B5 Spanish HH head	1696
7	[7] C German HH head, East	21154
8	[8] D1 Immigrant W. Germany Since 1984	2747
9	[9] D2 Immigrant W. Germany Since 1984	2792
10	[10] E1, PAPI	1967
11	[11] E2, CAPI	1925
12	[12] F2 ISOEP, Addtnl Foreigner Enumeration	20979
13	[13] F1 ISOEP, Innovation	1389
14	[14] G1 High Income (PreTest)	0
15	[15] G2 High Income	3682
...	(6 rows omitted)	10312
24	[24] M1 Migration (1995-2011), 2013	5666
29	[29] M2 2015 Migration (2011-2015)	927
60	[60] L2/ 3 FiD Screening 2010/ 11 Low Income	7065
61	[61] L2/ 3 FiD Screening 2010/ 11 Single Parent	5029
62	[62] L2/ 3 FiD Screening 2010/ 11 Families with Several Children	12775
63	[63] L1 FiD Birth Cohort 2007	4729
64	[64] L1 FiD Birth Cohort 2008	4714
65	[65] L1 FiD Birth Cohort 2009	4153
66	[66] L1 FiD Birth Cohort 2010	4257
-1	[-1] No Answer	0
-2	[-2] Does not apply	0
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

Waves: all

The variable **k_samp** depicts the sample membership of each child. It contains unchanging sample information: for example, a person from sample C would retain this original sample number (the sample in which the household first entered SOEP) even after having later moved to West Germany (see also the comments on the variables **\$sampreg** in the documentation of PPFAD). Similarly, a person from sample B who acquired a new nationality would still remain in his or her original sample.

k_nat - Nationality

0	[0] Nationality Same As HH Head	957
1	[1] Germany	242
2	[2] Turkish	653
3	[3] Yugoslavia	262
4	[4] Greece	177
5	[5] Italy	289
6	[6] Spain	147
11	[11] France	2
12	[12] Benelux	1
15	[15] Sweden	3
18	[18] USA	2
23	[23] Korea	3
24	[24] Iran	1

25	[25] Indonesia	2
28	[28] Portugal	1
29	[29] Bulgaria	3
39	[39] Israel	6
43	[43] Afghanistan	2
-1	[-1] No Answer	83
-2	[-2] Does not apply	181183
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

Waves: 1984,1985

Please note that this variable was only included in the survey in wave A (1984) and wave E (1988).

k_inhh – Member of Household

0	[0] Lives in HH	157356
2	[2] Vocational Training, Study	11
3	[3] Occupation, Assembling	3
4	[4] Hospital	1
5	[5] Absent On Trip	15
6	[6] Other	20
11	[11] Born	7174
12	[12] Moved Within W. Germany	766
13	[13] Moved From Abroad	130
14	[14] Moved Back to HH	177
15	[15] Moved Within Ger. Before Last Wave	18
16	[16] Moved F.Foreign Country Prior L.Survey	16
17	[17] Born Before Last Wave	126
18	[18] Moved From East Germany	134
20	[20] Lives in New HH	863
30	[30] In HH at Least 2 Yrs	16429
31	[31] Born	404
32	[32] Moved From Within Germany Last Year	155
33	[33] Moved From Foreign Country Last Year	13
37	[37] Child Mentioned For the First Time in HH, But Is Already in Old HH	1
38	[38] Moved From East Germany Since Yr	38
40	[40] Currently in HH	117
-1	[-1] No Answer	38
-2	[-2] Does not apply	13
-3	[-3] Answer improbable	1
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

Waves: all

k_size – Number of Persons in Household

Waves: all

The variable **k_size** is a copy of the variable **\$hhgr** from the wave-specific files \$HBRUTTO.

k_nrkid – Number of Children in Household Under 16 Years

? Are there children born in 1999 or later living in your household?NA (from: soep-core/soep-core-2015-hh/70:hkind)

Waves: all

For each child in **KIDLONG** the variable **k_nrkid** provides the total number of children up to the age 16 in the current wave's household.

k_rel – Relationship To Head of Household

0	[0] Head of Household	0
1	[1] Spouse of HH Head	1
2	[2] Life Partner of HH Head	1
3	[3] Son, Daughter of HH Head	132022
4	[4] Foster Child of HH Head	424
5	[5] Son, Daughter-In-Law	3
8	[8] Brother, Sister, In Law	26
9	[9] Grandchild of HH Head	2177
10	[10] Other Relative of HH Head	129
11	[11] Other, Not Related to Head of HH	1154
12	[12] Same-Sex Partner	2084
13	[13] Life Partner	0
21	[21] Natural Son, Daughter	44258
22	[22] Stepchild (Child of the Partner)	949
23	[23] Adoptive Child	62
...	(14 rows omitted)	675
45	[45] Foster Brother/Sister	1
51	[51] Brother, Sister -in Law (Spouse of Brother/Sister)	0
52	[52] Brother, Sister -in Law (Brother/Sister of Spouse)	2
61	[61] Aunt, Uncle	0
62	[62] Niece/Nephew	28
63	[63] Cousin/Cousine	1
64	[64] Other Relative	2
71	[71] Others	8
99	[99] Position to Head of HH Unknown	0
-1	[-1] No Answer	7
-2	[-2] Does not apply	5
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

Waves: all

The variable **k_rel** indicates the wave-specific relationship of the child to head of household and can be found as **\$stell** in file \$PBRUTTO. The values (1) and (2) should by definition not be relevant in the file **KIDLONG**, yet two observations in the early periods (1984 and 1987)

are valid values “spouse” or “life partner” of the head of household. Please note that in 2012 **bcstell** in BCPBRUTTO changed. Thus for 2012 the values 21 - 62 indicate the wave-specific relationship of the child to the head of the household.

\$stell in **\$PBRUTTO**

value	label
0	Head of HH
11	Husband / wife
12	Same-sex partner
13	Life partner
21	Biological child
22	Stepchild (child of the partner)
23	Adoptedchild
24	Fosterchild
25	Grandchild
26	Great-grandchild
27	Son, daughter-in-law
31	Biological mother / father
32	Step father / step mother / spouse of father or mother
33	Adoptive father or mother
34	Fosterfather or mother
35	Parent-in-law
36	Grandfather, -mother
41	Biological brother / sister
42	Half-brother, half-sister
43	Stepbrother, stepsister
44	Adoptive brother / sister
45	Fosterbrother / sister
51	Brother, sister -in-law (spouse of brother / sister)
52	Brother, sister -in-law (brother / sister of spouse)
61	Aunt / uncle
62	Niece / nephew
63	Cousin / cousin
64	Other relatives
71	Other
99	Unknown

\$k_rel in KIDLONG valid from 2012

value	label
0	Head of household
1	Spouse of hh head
2	Partner of hh head
3	Son, daughter of hh head
4	Foster child of hh head
5	Son, daughter-in-law of hh head
8	Brother, sister of hh head
9	Grandchild of hh head
10	Other relative of hh head
11	Other non-relative of hh head

value	label
12	Child of hh head partner
13	Partner
21	Son, daughter
22	Stepchild (child of the partner)
23	Adoptive child
24	Foster child
25	Grandchild
26	Great-grandchild
27	Son, daughter-in-law
31	Biological mother / father
32	Stepfather / mother or partner of mother / father
33	Adoptive father or mother
34	Foster father or mother
35	Parent-in-law
36	Grandfather, -mother
41	Brother, sister
42	Half-brother, half-sister
43	Stepbrother, stepsister
44	Adoptive brother / sister
45	Foster brother / sister
51	Brother, sister-in-law (spouse of brother / sister)
52	Brother, sister -in-law (brother / sister of spouse)
61	Aunt, uncle
62	Niece / nephew
63	Cousin / cousine
64	Other relative
71	Others
99	Unknown

k_nrinhh – Serial Number of Child

Waves: all

The variable **k_inhh** indicates the wave-specific household affiliation of a child and can be found as **\$pzug** in the file **\$PBRUTTO**. The values (19) and (39) have been recoded in the file **KIDLONG**, and are now code “-1” (No answer).

4 Pointers (var names starting with K)

The pointers provided in **KIDLONG** comprise **persnr** of the household head of the child **\$khv**, the partner of the household head **\$khvp**, the mother of the child **\$kmutti**, and the partner of the mother **\$kmup**. The first two pointers **\$khv** and **\$khvp** are using the codes (0) and (1)/(2) of **\$STELL** in the wave-specific **\$PBRUTTO**. After extensive testing of the distribution of the data up to that point, the pointers to mother (variable **\$kmutti**) and mother's partner (variable **\$kmup**) were revised in July 1994 for SOEP waves A (1984) to J (1993), since in some cases these variables showed a very high percentage of missings. The identifiers linking the **PERSNR** of a child's mother to each child in **bekind**, are based on the variables **\$stell**, **partnr\$\$** in the wave-specific files **\$PGEN** and if possible information from the

files **BIOBIRTH** or **BIOAGE01**. More information on **kp_mum** is included in the comment section of **kp_mum**.

k_phead – Pointer To Head of Household

Waves: all

Generated as **persnr** of the head of household, i.e. person with **\$stell** = 0 in the wave-specific file \$PBRUTTO.

k_pheadp – Pointer To Partner of Head

Waves: all

The variable **persnr** of the partner of the head of household combines information of **\$stell** in the wave-specific file \$PBRUTTO with where applicable the partner information, i.e. pointer to spouse or partner: variable PARTNR\$\$ in the wave-specific file \$PGEN. The variable includes -3 as an missing value for the years 1985/1986/1988/1989 in k_samp A and B.

k_pmum – Pointer To Mother

Waves: all

The variable **persnr** of a child's mother. After extensive testing of the distribution of the data up to that point, the pointers to mother (variable **\$kmutti**) and mother's partner (variable **\$kmup**) were revised in July 1994 for SOEP waves A (1984) to J (1993), since in some cases these variables showed a very high percentage of missings. The procedure for generating the pointers was modified to define the mother-child relationship as a combination of the variables **\$stell** (=relationship to household head) and PARTNR\$\$ (=person ID number of spouse or partner). The information of PARTNR\$\$ in the wave-specific file \$PGEN is only available when an interview took place with the partner. If this data is lacking the combination of relationship to household head of the mother and of the mother's partner is used. In this context, for waves A to J, the newly generated pointers were tested longitudinally over time for consistency. While it is quite realistic that a mother would change partners over time, (e.g., second marriage after partner's death, or separation from partner), it seems less plausible that there would be pointers to different mothers for the different survey years. According to a strictly biological definition of motherhood, this would certainly not be possible, but according to a social definition of motherhood, it would be possible to have a new "social" mother after the biological mother dies or moves out. This problem is quantitatively insignificant, however (e.g., a changing mother pointer was only identified for 29 children from wave A to J). Further information on the definition of social/ biological mother-child relationships in the SOEP can be found in the BIO documentation for the file BIOBIRTH.

k_pmump – Pointer To Partner of Mother

Waves: all

The variable **persnr** of the partner of the child's mother (cf. PARTNR\$\$ of the mother in the person-related file \$PGEN).

k_instr – Language Version of Questionnaire

1	[1] German West	13928
2	[2] Turkish	3454
3	[3] Yugoslav	1239

4	[4] Greek	801
5	[5] Italian	1352
6	[6] Spanish	571
7	[7] German (East)	6439
8	[8] Immigrant	2356
-1	[-1] No Answer	0
-2	[-2] Does not apply	153879
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

5 Variables on institutional arrangements (var names starting with KS)

ks_pre – Pre-School

? Does the child currently attend nursery school, daycare, pre-school, creche, etc.? // No, none of these (*from: soep-core/soep-core-2015-hh/77:hein1a*)

1	[1] Nursery School	42032
2	[2] Part-Time	1279
3	[3] In the Morning	1630
4	[4] In The Afternoon	270
5	[5] Full Day	2709
-1	[-1] No Answer	2043
-2	[-2] Does not apply	134056
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

In order to integrate various information on formal childcare from all waves (A ...BF) into one variable **ks_pre**, the different codes of different questionnaire items were modified. For the years 1984, 1985, 1986 and 1995-2014 value 1 gives the answer “yes, Kindergarten, creche, nursery”. For waves D ...G formal childcare was surveyed as part time or full time attendance. Since full time attendance was also surveyed in waves H ...K the value 2 was recoded to 5. This allows to code in the morning and in the afternoon attendance as value 3 and 4 for waves H ...K. For the remaining waves L ...Z the answers were coded accordingly. Please note that from wave L to P the question regarding formal care did distinguish between kindergarten, creche, nursery and child minder. The children who were looked after by a child minded are coded -2 in **ks_pre** and can be found in variable **kc_mindr** (see below section “Variables on day care arrangements”). Additionally, in wave Z value 2 in the wave-specific file ZKIND was used for the answer no, not attending. Children who do not attend formal childcare in wave Z are coded -2 in variable **ks_pre** and can be found in variable **ks_none**. This is true for all subsequent waves following Z.

ks_gen – General Education System

? What school does your child currently attend? (*from: soep-core/soep-core-2015-hh/72;*)

1	[1] Primary School Incl. Mixed Ability Class	45629
2	[2] Secondary General School	13442

3	[3] Intermediate School	17595
4	[4] Upper Secondary School	20343
5	[5] Comprehensive School	6130
6	[6] Vocational School	487
7	[7] Other School	2809
8	[8] Special School	866
9	[9] Other School (East 90,91)	1732
-1	[-1] No Answer	3
-2	[-2] Does not apply	74895
-3	[-3] Answer improbable	88
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

In order to integrate various information on general school education from all waves (A ...BE) into one variable **ks_gen**, the different codes of different questionnaire items were modified. In 1992, upper secondary schooling (grammar school) received a new value, thus a recode was necessary to combine information of waves A ...H and I ...K. In 1995, vocational school becomes an item to general education in the wave-specific files **\$KIND**. This change for waves A ...H and I ...K is visible in **ks_gen** since value 6 and 7 for years 1984-1994 are also generated separately in variable **ks_voc**. For waves G and H East German school attendance was surveyed separately. This information can be found in **ks_gen** represented by 9 and also in variable **ks_east**. For the remaining waves L ...BE the answers have the above depicted values.

ks_vocat – Vocational School

1	[1] Vocational School	231
2	[2] Other School	192
-1	[-1] No Answer	1
-2	[-2] Does not apply	183595
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ks_vocat** describes vocational school participation in addition to **ks_gen** in order to depict the different instruments used in waves A ...K and L ...Z. Between wave H and I the values for vocational school training were modified and hence **ks_vocat** includes a recode. From 1984 until 1991 vocational school was surveyed using more items to describe different types of vocational schooling. These 4 types are embedded in value 1 of **ks_vocat**. This information can be found in **ks_gen** in values 6 and 7. Hence **ks_vocat** only comprises waves A ...K.

ks_none – None of These Institutions

? What school does your child currently attend? // Does not attend school (*from: soep-core/soep-core-2015-hh/72:hein4a*)

1	[1] None of These Institutions (1984-2008)	24045
2	[2] None of These Schools (2009)	20252

3	[3] No Pre-School Attended (2009)	5133
-1	[-1] No Answer	5818
-2	[-2] Does not apply	128768
-3	[-3] Answer improbable	3
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ks_none** collects missing information for the variables **ks_pre** and **ks_gen**. For **ks_none** value 1 describes whether children do not attend preschool **ks_pre** or do not attend any general schools depicted in **ks_gen**. From 1984 until 2008 (waves A ...Y), value 1 summarizes if none of these institutions were attended. In 2009 (wave Z) the survey mode changed: preschool attendance is inquired separately from **ks_gen** and this new variable includes non-participation. Value 3 of **ks_none** depicts this change. Also value 2 (none of these schools) indicates that for wave Z the old variable now contains only non- participation of general school education. Values 2 and 3 apply to waves Z ...BE.

ks_east – General School East Germany

1	[1] Polytechnical Secondary School	1618
2	[2] Secondary School	31
3	[3] Specialized School	18
4	[4] Special School	27
5	[5] Other Comprehensive School	15
6	[6] Vocational School	10
7	[7] Other School	13
-1	[-1] No Answer	0
-2	[-2] Does not apply	182287
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ks_east** summarizes additional school type information collected in waves G and H (1990/ 91) in East Germany. The observations are also embedded in **ks_gen** value 9.

ks_eastp – Day-Home for School Children,East

1	[1] Boarding School (East 90/91)	369
-1	[-1] No Answer	0
-2	[-2] Does not apply	183650
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ks_eastp** summarizes additional preschool information collected in waves G and H (1990/ 91) in East Germany. The observations are also embedded in **ks_pre**.

ks_other – Other Type of School

1	[1] Special School	15
6	[6] Learning Disabilities School	1
7	[7] Remedial School	5
10	[10] School For the Handicapped	4
11	[11] School For the Blind	1
16	[16] School For Physically Handicapped	1
17	[17] Observation Period	6
20	[20] Speech Therapy School	1
21	[21] Speech Therapy Primary School	1
22	[22] Speech Therapy Day Center	1
24	[24] Business School	2
25	[25] Continuing Education	1
26	[26] Vocational School	1
27	[27] Continuing Education Vocational School	1
28	[28] Professional Preparation Year	1
29	[29] Domestic Science School	1
31	[31] Home Economics School	1
32	[32] Special Assistance School	1
34	[34] School For the Deaf	1
35	[35] Learning Disabled	3
36	[36] Church Run Special School	2
37	[37] Learn Disabilities Special School	1
-1	[-1] No Answer	19
-2	[-2] Does not apply	183948
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ks_other** summarizes additional school type information collected in wave L and M (1995 /96). The observations are also embedded in **ks_gen** in value 7.

6 Variables on day care arrangements (var names starting with KD)**kd_publ** – Provider: Public Institution

? What type of school is it? It is: (*from: soep-core/soep-core-2015-hh/75;heinsa*)

1	[1] Public Institution	18061
2	[2] Provider: Public School (2011)	15956
3	[3] Provider: Public Institution (2011)	5072
-1	[-1] No Answer	213
-2	[-2] Does not apply	144717
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_publ** summarizes information collected in waves D, L, N, S, V, X, BB and BF. In 1986, provider of facility was surveyed for the first time and did not comprise an item for private provider. The information from waves D and L were integrated in the variables format of waves N, S, V and X. This format is used in **kd_publ** - **kd_comm**. In 2011 provider of facility was separately inquired for institutions of general school education **ks_gen** and day care institutions **ks_pre**. To depict this change two additional values were introduced to all variables **ks_publ**, **kd_indep**, **kd_priv**, **kd_comp** and **kd_comm**. The variable **kd_comm** and **kd_publ** describe publicly provided facilities and value 2 depicts only public schools and value 3 only public day care institutions.

kd_priv – Provider: Private Non-Profit Provider

1	[1] Provider: Private Non- Profit Institution	214
2	[2] Provider: Private Non- Profit School (2011)	317
3	[3] Provider: Private Non- Profit Institution (2011)	672
-1	[-1] No Answer	0
-2	[-2] Does not apply	182816
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_priv** summarizes information collected in waves D, L, N, S, V, X, BB and BF. The variable **kd_priv** describes day care facilities provided by private non-profit organizations. Value 2 depicts only non-profit private schools and value 3 only non-profit private day care institutions.

kd_indep – Provider: Independent Provider of Facility

1	[1] Provider: Church / Independent Institution	2592
2	[2] Provider: Church School (2011)	982
3	[3] Provider: Church / Independent Instituion (2011)	4413
-1	[-1] No Answer	213
-2	[-2] Does not apply	175819
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_indep** summarizes information collected in waves D, L, N, S, V, X, BB and BF. The variable **kd_indep** describes day care facilities provided by independent organizations, e.g., churches. Value 2 depicts only independent schools and value 3 only independent day care institutions.

kd_comp – Provider: Company Facility

1	[1] Provider: Company	28
3	[3] Provider: Company (2011)	74
-1	[-1] No Answer	213

-2	[-2] Does not apply	183704
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_comp** summarizes information collected in waves D, L, N, S, V, X, BB and BF. The variable **kd_comp** describes day care facilities provided by companies. Value 3 depicts day care institutions provided by companies in 2011.

kd_comm – Provider: Private- Commercial Facility

1	[1] Provider: Private Commercial Institution	354
2	[2] Provider: Private School (2011)	214
3	[3] Provider: Private Commercial Institution (2011)	558
-1	[-1] No Answer	544
-2	[-2] Does not apply	182349
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_comm** summarizes information collected in waves D, L, N, S, V, X, BB and BF. The variable **kd_comm** describes day care facilities provided by commercial organizations. Value 2 depicts only private schools and value 3 only commercial day care institutions.

kd_rely – Adherence To Opening Time

1	[1] Fully Rely	4210
2	[2] Partly Rely	661
3	[3] Cannot Rely	93
-1	[-1] No Answer	151
-2	[-2] Does not apply	178904
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_rely** was only collected in wave S. It comprises information on the adherence to opening times of day care facilities.

kd_time – Time of Day of Care

? Does the child usually stay at school all day? (from: soep-core/soep-core-2014-hh-mig/75;hein9a)

1	[1] In the Morning	45803
2	[2] In The Afternoon	390
3	[3] Full Day	21045
4	[4] No, Not Full-Time (2009)	31961
-1	[-1] No Answer	1824

-2	[-2] Does not apply	82996
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_time** summarizes at what time during the day children attend a day care institution. The institutions are pre-school, creche and nursery (also after school nursery). The variable **kd_time** is observed from wave L ...BB. Throughout this time period the survey mode changed. In 2009 the question specifically asks whether a child attends the school full time or not (see **ks_gen**). For waves L ...Y the options are represented by values 1, 2, and 3 and value 4 depicts answers since wave Z.

kd_hrs – Hours Per Day Spend at Facility

The variable **kd_hrs** contains information on how many hours per day a child attends an institution. The institutions are pre-school, creche and nursery (also after school nursery). The variable **kd_hrs** has been introduced in the SOEP in 2009.

kd_lunch – Lunch at the Facility

1	[1] Yes	15394
2	[2] No	12877
-1	[-1] No Answer	379
-2	[-2] Does not apply	155369
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kd_lunch** contains information collected in waves N, S, V, X, BB and BF. It summarizes whether a child that attends a day care facility receives a lunch at the facility.

7 Variables on cost of school (var names starting with KS)

ks_lunch – Lunch at School

1	[1] Yes	8912
2	[2] No	5349
-1	[-1] No Answer	53
-2	[-2] Does not apply	169705
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

ks_amtp – Costs for School Per Month

ks_cost – School: No Costs

1	[1] No Costs	9770
-1	[-1] No Answer	136
-2	[-2] Does not apply	174113
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

8 Variables on costs of pre-school (var names starting with KK)

kk_amtp – Costs for Pre-School/ Month

kk_cost – Pre-School: No Costs

1	[1] No Costs	1496
-1	[-1] No Answer	79
-2	[-2] Does not apply	182444
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

9 Variables on cost of day care arrangements (var names starting with KD)

kd_fee – Visit of Facility Subject To A Charge

1	[1] Free of Charge	12923
2	[2] Fixed Sum in Euro	5246
-1	[-1] No Answer	308
-2	[-2] Does not apply	165542
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

Waves: 1987,1996,2002,2005,2007

The variable **kd_fee** summarizes observations of waves D, M, S, V, and X. It comprises information on whether parents pay a day care fee or not.

kd_amtp – Installation Costs in Euro/Month

If parents pay a fixed sum in EURO **kd_amtp** comprises the actual amount paid. In waves D and M the amount was indicated in DM (Deutsche Mark). These amounts have been converted to Euro (1 Euro = 1.95593 DM).

10 Variables describing carer outside the household (var names starting with KC)

kc_relat – Relatives

? Are there any other people who regularly take care of the child (aside from members of the household)? // Yes, relatives (*from: soep-core/soep-core-2015-hh/82:hb1a*)

1	[1] Relatives	26145
-1	[-1] No Answer	1
-2	[-2] Does not apply	157873
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kc_relat** summarizes information collected in wave D, N ...S, U ...BF. In 1986, help with care was surveyed using one variable and it does not contain information on child minder. From wave N onwards carers became a separate group in the household questionnaire yet the item child minder was only integrated into carers in 2005. Variable **kc_relat** comprises information available from waves D, N ...S and U ...BF observing that a child is in informal care provided by relatives.

kc_frnd – Friends, Acquaintances, Neighbours

? Are there any other people who regularly take care of the child (aside from members of the household)? // Yes, friends/acquaintances/neighbors (*from: soep-core/soep-core-2015-hh/82:hb2a*)

1	[1] Carer: Friends	4429
-1	[-1] No Answer	1
-2	[-2] Does not apply	179589
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kc_frnd** summarizes information collected in wave D, N ...S, U ...BF. The variable **kc_frnd** comprises information available from waves D, N ...S and U ...BE observing that a child is in informal care provided by friends, neighbors, etc..

kc_paid – Paid Care Person, House Visit

? Are there any other people who regularly take care of the child (aside from members of the household)? // Yes, paid in-home childcare provider (Betreuungsperson) (*from: soep-core/soep-core-2015-hh/82:hb3a*)

1	[1] Carer: Paid Care	2377
-1	[-1] No Answer	1
-2	[-2] Does not apply	181641
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0

-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kc_paid** summarizes information collected in wave D, N ...S, U ...BF. The variable **kc_paid** comprises information available from waves D, N ...S and U ...BE observing that a child is in informal care provided by paid carers, i.e. nannies and babysitters.

kc_mindr - Child Minder Outside HH

1	[1] Carer: Child Minder	1752
-1	[-1] No Answer	0
-2	[-2] Does not apply	182267
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kc_mindr** summarizes information collected in wave D, and L ...BF. In 1986, help with care was surveyed using one variable and it does not contain information on child minder. This was introduced in 1995 as alternative item to pre-school attendance (L ...P). From wave N onwards carers became a separate group in the household questionnaire yet the item child minder was only integrated into carers in 2005. Before wave Q ...U child minder remained grouped in institutions attended. The variable **kc_mindr** comprises information available from waves D and L ...BE observing that a child is in care provided by a child minder.

kc_none - No External Care

1	[1] Carer: None	93950
-1	[-1] No Answer	3553
-2	[-2] Does not apply	86516
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

The variable **kc_none** collects the missing information for variables **kc_relat** - **kc_mindr**. It comprises all information available observing that a child is not using informal care.

11 Activities below the age of 6 (var names starting with KA06)

The variables **ka06_spo** - **ka06_oth** summarize activities for children below the age of 6. This information has been surveyed for the first time in 2006 and is supposed to be collected every other year. Due to the integration of the FID-samples this information is also available for waves BB and BD. Hence so far the following variables are available for waves W, Y and BE.

ka06_spo - Under 6 Years: Children Gymnastics, Swimming

1	[1] Yes, Toddler Gymnastics, Sports, Swimming	8441
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-1	[-1] No Answer	0
-2	[-2] Does not apply	165074
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka06_mus – Under 6 Years: Early Music Education

1	[1] Yes, Early Musical Education	3307
-1	[-1] No Answer	0
-2	[-2] Does not apply	170208
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka06_art – Under 6 Years: Art Class

1	[1] Yes, Art Class	792
-1	[-1] No Answer	0
-2	[-2] Does not apply	172723
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka06_oth – Under 6 Years: Mother-Child Playgroup

1	[1] Yes, Mother-Child Playgroup	3273
-1	[-1] No Answer	17
-2	[-2] Does not apply	170225
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka06_non – Under 6 Years: No Activities

1	[1] Under 6 Years: No Activities	11849
-1	[-1] No Answer	377
-2	[-2] Does not apply	167529
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	4264
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ka06_non** indicates that a child does not participate in any activities for children below the age of 6.

12 Activities for children aged 6 to 16 (var names starting with KA16)

ka16_ssp – 6 Years And Older: School Sports Club

1	[1] Yes, School Sports Club	7929
-1	[-1] No Answer	0
-2	[-2] Does not apply	165586
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_smu – 6 Years And Older: School Music Club

1	[1] Yes, School Music Club	5195
-1	[-1] No Answer	0
-2	[-2] Does not apply	168320
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_sar – 6 Years And Older: School Art Club

1	[1] Yes, School Art Club	1778
-1	[-1] No Answer	0
-2	[-2] Does not apply	171737
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_sth – 6 Years And Older: School Theatre Club

1	[1] Yes, School Theater Group	1621
-1	[-1] No Answer	0
-2	[-2] Does not apply	171894
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_sot – 6 Years And Older: Other School Activities

1	[1] Yes, Other School Activities	5060
-1	[-1] No Answer	0
-2	[-2] Does not apply	168455
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0

-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_spo – 6 Years And Older: Non School Sports Club

1	[1] Yes, Non-School Sports	20074
-1	[-1] No Answer	0
-2	[-2] Does not apply	153441
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_mus – 6 Years And Older: Non School Music Club

1	[1] Yes, Non-School Music	8389
-1	[-1] No Answer	0
-2	[-2] Does not apply	165126
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_art – 6 Years And Older: Non School Art Club

1	[1] Yes, Non-School Art	646
-1	[-1] No Answer	0
-2	[-2] Does not apply	172869
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_org – 6 Years And Older: Volunteer Fire Department, Red Cross

1	[1] Yes, Volunteer Fire Department, Red Cross	1404
-1	[-1] No Answer	0
-2	[-2] Does not apply	172111
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_yth – 6 Years And Above: Youth Group Outside School

1	[1] Yes, Out-Of-School Youth Group	2901
-1	[-1] No Answer	0
-2	[-2] Does not apply	170614
-3	[-3] Answer improbable	0

-4	[4] Inadmissible multiple response	0
-5	[5] Not included in this version of the questionnaire	10504
-6	[6] Version of questionnaire with modified filtering	0

ka16_ctr – 6 Years And Older: Non School Youth Center

1	[1] Yes, Non-School Youth Center	949
-1	[-1] No Answer	0
-2	[-2] Does not apply	172566
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

ka16_non – 6 Years And Above: No Activities

1	[1] 6 Years and Older: No Activities	7248
-1	[-1] No Answer	313
-2	[-2] Does not apply	165954
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	10504
-6	[-6] Version of questionnaire with modified filtering	0

The variable **ka16_non** indicates that a child does not participate in any activities for children above the age of 6.

13 Variables on costs of school, carer, activities etc (var names starting with K)

k_amtp – Average Costs/ Month

In wave BA (2010) average monthly costs were surveyed: “How much do the above mentioned school, care and activities cost you?” Parents indicate average monthly cost of their children regarding school, care, and (leisure) activities, e.g., early music education, sports, etc.. In wave BA this variable was surveyed for the first time. Other than variable **kd_amtp**, **k_amtp** identifies overall average monthly costs and not just day care fees.

k_cost – No Costs

1	[1] No Costs	7369
-1	[-1] No Answer	731
-2	[-2] Does not apply	167993
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	7926
-6	[-6] Version of questionnaire with modified filtering	0

Corresponding to parents' estimation of average monthly costs **k_amtp** "no costs" indicates if parents do not have any costs.

14 Variables on costs of external care (var names starting with KC)

kc_amtp – External Care: Average Costs/ Month

In wave BB (2011) another aspect of monthly costs was surveyed: "How much do the above mentioned care arrangements outside the household cost?" Parents indicate average monthly cost of their children regarding additional care outside the household, e.g., relatives, friends, neighbors, etc..

kc_cost – External Care: No Costs

1	[1] No Costs	7414
-1	[-1] No Answer	36
-2	[-2] Does not apply	176569
-3	[-3] Answer improbable	0
-4	[-4] Inadmissible multiple response	0
-5	[-5] Not included in this version of the questionnaire	0
-6	[-6] Version of questionnaire with modified filtering	0

Corresponding to parents' estimation of average monthly costs "no costs" indicates if parents do not have any costs.