Variable documentation ZA-No. 3433

Derived and newly formed variables in Children's longitudinal study 1993-1997

The variable documentation was compiled by the primary researchers involved in the project and edited by the Central Archive Cologne for integration of the variables in the ZA Codebook Explorer. Variables lacking values (with system/ user-defined missing values) were deleted from the data-set (ZA-No.3433) and the data-bank.

1. Variables of all-round importance

Identification variables
Variables concerning availability of data-sets
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Overview of important demographics

2. Indices and scales derived from specific items

1st Wave 1993

a) *Children's questionnaire*

Age
Temperament
Deviant peer group climate
Family climate
Monitoring
Child-parent-conflicts
Parental attitudes towards upbringing
Household chores
Suggestions and advice
Timing of developmental transitions
Social problems
Type of school attended by child
Depression
Self-efficacy
Attitude towards school
Bullying
Alcohol consumption
Smoking
Physical rate of development
Relative rate of development
Sex
Place of residence
Federal state
Post-code

b) *Mothers' questionnaire*

String variable "other"
Age
Education of mothers' parents
Mothers' education

c) *Fathers' questionnaire*

Age
Education of fathers' parents
Fathers' education

d) *Household questionnaire*

Sex of child

2nd Wave 1994/1995

a) Children's questionnaire		*b) Mothers' questionnaire*	*c) Fathers' questionnaire*
Federal State	depression	Age	Age
Deviant peer group climate	self-efficacy		Post-code
Family climate	School qualification aspired		
Monitoring	attitude towards school		
Child-parent-conflicts	Physical rate of development		
Parental attitudes towards upbringing	Relative rate of development		
Timing of developmental transitions	Age		
social problems	Sex		EMNID variables
type of school attended by child	Place of residence		

3rd Wave 1995/96

a) Children's questionnaire	*b) Mothers' questionnaire*	*c) Fathers' questionnaire*
Age	Age	Age
Federal state		
Sex		
Post-code		

4th Wave 1997

a) Children's questionnaire	*b) Mothers' questionnaire*	*c) Fathers' questionnaire*
Sex	Age	Age
Federal state		
		EMNID variables

1. Variables of all-round importance

Variable name of new/ derived variable	Rules for formation
Variables concerning availability of data-sets	
welle1-4	Participation of child in survey for given wave, whereby: 1= child took part in survey 0= child did not take part
welleg	4 letter code indicating child's participation across the 4 waves. Participation in wave 1 was multiplied by 1000, in wave 2 by 100, in wave 3 by 10 and for wave 4 added. In this way the pattern of participation can be quickly and easily viewed for each person, for example "10" would indicate sole participation in wave 3, "1100" in waves 1 and 2 but not 3 and 4.
mu1-4, va1-4, allg1-2	Indicates, parallel to variables wave 1-4, whether mother / father participated as well as whether the household questionnaires are available (household questionnaires were not included in waves 3 and 4, corresponding information contained in parents' questionnaires)
mug, vag, allgg	Analoge to welleg. Indicates pattern of participation for mothers and fathers as well as availability of data for household questionnaires across the 4 waves / for allgg across waves 1 and 2. Participation in wave 1 (mu1/va1) was multiplied by 1000, in wave 2 (mu2/va2) by 100, in wave 3 (mu3/va3) by 10 and for wave 4 (mu4/va4) added. mug and vag are thus composed of 4 numbers. Since the general household questionnaire was only included in the first 2 waves, allgg is composed of 2 numbers. Participation in wave 1 was multiplied by 10, for wave 2 added. For example allgg = "10" would indicate that data is only available for the household questionnaire for wave 1.
wmvag	Code consisting of 14 numbers and indicating the pattern of participation for a whole family, including household questionnaires. welleg, mug, vag, allgg were combined in the stated order (welleg multiplied by 10000000000, mug by 1000000, vag by 100 and allgg added). "11111111111111" would indicate participation of child, mother and father in all waves including both household questionnaires.
Variables concerning errors in data-sets	
falschg	Variable to be used for calculations within the childrens' longitudinal study. Indicates inconsistencies in childrens', mothers' and fathers' questionnaires. Relatively few inconsistencies were to be found within the childrens' questionnaires, but the number grew upon inclusion of the parents' questionnaires. Such cases were marked by the falschg variable, which is designed to point out such inconsistencies to the user. The user must then decide whether to include such cases in further

	analysis. It is recommended that parents marked as suspicious not be included for the explicitly named deviant wave. In the case that both parental questionnaires are excluded from a given wave, the household questionnaires (waves 1 and 2) must also be excluded. This is the latest version of the variable “falschg” from April 2000. The earlier values 8, 10, 12-16, 24, 34, 35, 39, 42, 43, 44, 47, 48, 49 no longer exist. Value-labels – range 1-50 (K = inconsistency child, M= mother, V = father) 0 = no inconsistency 1-3 : inconsistencies in “hard” criteria (e.g. Date of birth, sex) for child 1= unsuspicious inconsistency in child’s date of birth. Coded as written error, which could however not be revised (e.g. month of birth given as August in two waves and October in two further waves). The date of birth stated in wave 1 was used for calculation of age at each point of questioning. 2= unclear. Childs’ statements in wave 3 deviate from statements in wave 1 in 2 cases (month of birth, East-West-citizenship). Since parents did not take part in wave 3, it remains unclear whether the child had moved within Germany, or whether the information was falsified . In case of doubt information should be taken from wave 1. 3= suspicious inconsistency on part of child. Date of birth in wave 4 completely different from wave 1. Additional inconsistencies for given child include (East-West-Citizenship, father’s date of birth across all waves). Since these inconsistencies can not be explained it is advised that information be taken from wave 1. 4-5: unsuspicious but unexplainable discrepancies in date of birth for father and mother 4= unsuspicious inconsistency in date of birth for mother. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning.

	5= as for code 4, applied to father instead of mother. 6-16: cases in which a change of partner occurred within the course of the surveys. In these cases the inconsistencies concerning date of birth for mother and father are correct. The various constellations (step-mother, step-father, grandmother etc) were coded seperately. 6= unsuspicious inconsistency in date of birth for mother between waves 1 and 3: a change of partner had occurred. The step-mother / adoptive mother took part in wave 1 and the biological mother in wave 3. 7= unsuspicious inconsistency in date of birth for mother between wave 2 and all other waves: the grandmother took part in wave 2. 9= unsuspicious inconsistency in date of birth for father between waves 1 and 2. The new (2^{nd}) step-father took part in wave 2 (change of partner) 11= unsuspicious inconsistency in date of birth for father. The first step-fathert took part in the first 2 waves and the new step-father in wave 4. 17-49: codings for unclear / suspicious inconsistencies on part of parents. Compared with the falschg codings 4-5 only 2-3 columns of date of birth (e.g. year and month) were inconsistent. Due to missing parental statements (e.g. concerning family status) or other uncertainties these inconsistencies could not be explained nor revised. These cases were therefore especially highlighted, whereby the various constellations were coded seperately. The decriptions are to be understood as follows: - all waves are explicitly listed, when the given parent took part in all 4 waves - under the statement “data from wave 2 differ from wave 1” is to be read that the given parent only took part in the first 2 waves - under the statement “ waves 1 and 4 correspond, whereby wave 2 differs” is to be read that the given parent did not take part in wave 3. The following descriptions are all to be understood within this framework. In a few cases the parents took part in the first 3 waves without stating their date of birth in wave 2 (in this case the person had been assigned a code marking them as having taken part in the first 3 waves). It is however possible

	that further interviewees exist who were not identified within the course of coding. Values 17-35 concern unclear / suspicious inconsistencies for mothers (in all cases stated as being the biological mother), values 36-49 concern fathers (in all cases stated to be the biological father). To be on the safe side the statements for the deviant waves should not be used. For all cases listed below age was calculated using the dates of birth provided in wave 1. 17, 36 = The dates of birth for wave 2 differ from wave 1. Statements from wave 2 not to be used 18, 37 = The dates of birth for wave 3 differ from wave 1. Statements from wave 3 not to be used 19, 38 = The dates of birth for wave 4 differ from wave 1. Statements from wave 4 not to be used 20 = Dates of birth from waves 1 and 2 identical, differ from wave 3. Wave 3 not to be used 21 = Dates of birth from waves 1 and 3 identical, differ from wave 2. Wave 2 not to be used 22 = Dates of birth from waves 1 and 3 identical, differ from wave 4. Wave 4 not to be used 23, 41 = Dates of birth from waves 1 and 4 identical, differ from wave 2. Wave 2 not to be used 25 = Dates of birth from waves 1, 2, 3 identical, differ from wave 4. Wave 4 not to be used 26 = Dates of birth from waves 1, 2, 4 identical, differ from wave 3. Wave 3 not to be used 27 = Dates of birth from waves 1, 3, 4 identical, differ from wave 2. Wave 2 not to be used 28 = Dates of birth from waves 2 and 3 identical, differ from wave 1. Waves 2 and 3 not to be used 29 = Dates of birth from waves 2 and 4 identical, differ from wave 1. Waves 2 and 4 not to be used 30, 45 = Dates of birth from waves 2, 3 and 4 identical, differ from wave 1. Waves 2, 3 and 4 not to be used 31, 46 = Dates of birth from waves 1, 2 and 3 all differ. Waves 2 and 3 not to be used 32 = Dates of birth from waves 1, 2 and 4 all differ. Waves 2 and 4 not to be used 33 = Dates of birth from waves 1, 3 and 4 all differ. Waves 3 and 4 not to be used 40 = Dates of birth from waves 1 and 2 identical, differ from wave 4. Wave 4 not to be used 50 = pagination number 907 contains statements of child who only took part in wave 4. Parents did not take part at all. Date of birth was not stated. Due to missing parental statements, age at time of survey can not be derived from general household questionnaire. The interview is therefore practically of no use. 51-78: codings for families in which inconsistencies are to be found for several members

	51 = unsuspicious inconsistency in date of birth for mother. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning. + unsuspicious inconsistency in date of birth for father. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning. 52 = unsuspicious inconsistency in date of birth for mother. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning. + unsuspicious inconsistency in date of birth for father between waves 1 and 4. The step-father took part in wave 4 (change of partner) 53 = unsuspicious inconsistency in date of birth for mother between wave 3 and all other waves: the grandmother took part in wave 3. + unsuspicious inconsistency in date of birth for father between wave 3 and all other waves: the grandfather took part in wave 3. 54 = unsuspicious inconsistency in date of birth for father. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning. + unclear / suspicious inconsistencies on part of mother (states in all cases that she is the biological mother). Unclear / suspicious inconsistencies in date of birth for mother. Date of birth in wave 2 differs from wave 1. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. 55 = unsuspicious inconsistencies in dates of birth for father comparing waves 1 and 2. The new (2^{nd}) step-father took part in the second wave (change of partner) + unclear / suspicious inconsistencies on part of mother (states in all cases that she is the biological mother). Unclear / suspicious inconsistencies in date of birth for mother. Date of birth in wave 2 differs from wave 1. To be on the safe side statements from wave 2 should

	not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. 56 = unsuspicious inconsistencies in dates of birth for father comparing waves 1 and 2. The biological father took part in the second wave, the step-father in wave 1. + unclear / suspicious inconsistencies on part of mother (states in all cases that she is the biological mother). Unclear / suspicious inconsistencies in date of birth for mother. Date of birth in wave 2 differs from wave 1. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. 57 = unsuspicious inconsistencies in dates of birth for father comparing waves 1 and 3. The biological father took part in the third wave, the step-father in wave 1. + unclear / suspicious inconsistencies on part of mother (states in all cases that she is the biological mother). Unclear / suspicious inconsistencies in date of birth for mother. Date of birth in wave 3 differs from wave 1. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. 58 = unsuspicious inconsistency in the dates of birth for father: one questionnaire was obviously completed for all 4 waves, whilst date of birth for wave 2 remains missing. According to the statements for familial status, the step-father took part in waves 1, 2 and 4 (the slight differences in date of birth here were interpreted as written errors, which could not however be resolved) and the biological father in wave 3 (date of birth here is also considerably different) + unclear / suspicious inconsistencies on part of mother (states in all cases that she is the biological mother). Unclear / suspicious inconsistencies in date of birth for mother. Date of birth in waves 1 and 4 are identical, whilst wave 3 differs. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. 59 = unsuspicious inconsistency in the dates of birth for father: the step-father took part in waves 1 and 4. the biological father in wave 2. + unclear / suspicious inconsistencies on part of mother (states in all cases that she is the biological mother). Unclear / suspicious inconsistencies in date of birth for mother. Date of birth in waves 1, 3 and 4 are identical, whilst wave 2 differs. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for

	calculation of mother's age at each point of questioning. 60 = unsuspicious inconsistency in date of birth for mother. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in wave 2 differs from wave 1. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 61 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in wave2 differs from wave 1. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in wave 2 differs from wave 1. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 62 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 2 and 3 are identical, differ however from wave 1. To be on the safe side statements from waves 2 and 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in wave 2 differs from wave 1. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 63 = unsuspicious inconsistency in date of birth for mother between waves 1 and 3. A change of partner took place and the adoptive / step-mother took part in wave 1 and the biological mother in wave 3. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the

	biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in wave 3 differs from wave 1. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 64 = unclear/ suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in wave 3 differs from wave 1. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in wave 3 differs from wave 1. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 65 = unclear/ suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in wave 4 differs from wave 1. To be on the safe side statements from wave 4 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in wave 4 differs from wave 1. To be on the safe side statements from wave 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 66 = unclear/ suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 1 and 2 are identical, wave 3 differs. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1 and 2 are identical, wave 3 differs. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 67 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 1 and 2 are identical, wave 3 differs. To be

	on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1 and 2 are identical, wave 3 differs. To be on the safe side statements from wave 3 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 68 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 1, 3 and 4 all vary. To be on the safe side statements from waves 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in waves 1, 2 and 3 are identical, wave 4 differs. To be on the safe side statements from wave 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 69 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 1, 3 and 4 are identical, wave 2 differs. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in waves 1, 3 and 4 are identical, wave 2 differs. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 70 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 2, 3 and 4 are identical, wave 1 differs. To be on the safe side statements from waves 2, 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in waves 2 and 4 are identical, wave 1 differs. To be on the safe side statements from waves 2 and 4 should not be used. The date of birth stated in wave 1 was used for

	calculation of father's age at each point of questioning 71 = suspicious inconsistency on part of child. Total date of birth for wave 4 differs from wave 1. Further inconsistencies also to be found for given child (East-West-citizenship, , total date of birth for father across waves, child 585 was furthermore younger than permitted at first time of surveying) which could not be explained. Statements only to be used for first 3 waves. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in waves 2 and 4 are identical, wave 1 differs. To be on the safe side statements from waves 2 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 72 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 1, 2 and 3 all vary. To be on the safe side statements from waves 2 and 3 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1, 2 and 3 all vary. To be on the safe side statements from waves 2 and 3 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 73 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth in waves 1, 2 3 and 4 all vary. To be on the safe side statements from waves 2, 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1, 2 and 3 all vary. To be on the safe side statements from waves 2 and 3 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 74 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Date of birth differs between waves 1 and 2. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the

	biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1, 2 and 4 all vary. To be on the safe side statements from waves 2 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 75 = unsuspicious inconsistency in date of birth for mother. Coded as written error, which could however not be revised (e.g. year of birth stated twice as 1956 and twice and 1957). Further indications of discrepancies were not to be found. The date of birth stated in wave 1 was used for calculation of age at each point of questioning + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1, 3 and 4 all vary. To be on the safe side statements from waves 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 76 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Dates of birth in waves 1, 3 and 4 are identical, wave 2 differs. To be on the safe side statements from wave 2 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father.). Date of birth in waves 1, 3 and 4 all vary. To be on the safe side statements from waves 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 77 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Dates of birth in waves 1, 3 and 4 all vary. To be on the safe side statements from waves 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Date of birth in waves 1, 3 and 4 all vary. To be on the safe side statements from waves 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning 78 = unclear / suspicious inconsistency in date of birth for mother (states in all cases that she is the biological mother). Dates of birth in waves 3 and 4 are identical, differ however from

	waves 1 and 2 differs. To be on the safe side statements from waves 2, 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of mother's age at each point of questioning. + unclear / suspicious inconsistencies on part of father (states in all cases that he is the biological father). Unclear / suspicious inconsistencies in date of birth for father. Dates of birth in waves 3 and 4 are identical, differ however from waves 1 and 2 differs. To be on the safe side statements from waves 2, 3 and 4 should not be used. The date of birth stated in wave 1 was used for calculation of father's age at each point of questioning.

Overview of important demographic variables (explanation concerning derivation in Part 2)	
nation1-4	East- West-citizenship in waves 1-4, whereby 1= West, 2 = East
bl1-4	Federal state in waves 1-4
sex1-4	Sex, whereby 1 = male, 2 = female
alt1-4	Age as whole number estimated across the waves (relatively inexact for waves 1 and 2, due to exact interview date being replaced by one representative date, als for later waves where data was missing)
altm1-4, altv1.4	Corresonding estimate of age (whole number) for mother and father
bildk1/2	school qualification aspired by child in waves 1 and 2 (trichotomised aa51/ba46): 1= Hauptschule, basic level (original codes 1,2) 2= Realschule, middle qualification (original code 3) 3= higher education (original codes 4,5,6) The numbers appearing after = refer to the values of aa51 / ba 46.
bilddk1/2	bildk1/2 dichotomised, whereby 1 (low) = 1 2 (high) = 2,3 The numbers appearing after = refer to the values of bildk1/2
mbildg1, vbildg1	Father / mother. 4-tiered school qualification at first point of surveying. Formed from ab51/ac46 and includes East as well as West qualifications within the 4 tiers: 1= Hauptschule, basic level in mbildg1/vbildg1 (original codes 1,2,6,7) 2= Realschule, middle qualification (original codes 3,8) 3= higher education (original codes 4,9,10,11) 4= other (original codes 5,12)

	The numbers appearing after = refer to the values of ab51 / ac 46.
bildg	Trichotomised version of vbildg, whereby tier 4 was coded as missing
mbild1, vbild1	mbildg1/vbildg1 dichotomised. 1 (low) = 1 2 (high) = 2, 3 Value 4 of variable mbildg1/vbildg1 was coded as missing
mbildbrd, vbildbrd	Mother/father: school qualification in FRG. 4-tiered derived from ab51/ac46 → see also mbildg1/vbildg1 (1=6,7), (2=8), (3=9,10,11), (4=12)
mbildddr, vbildddr	Mother/father: school qualification in GDR. 4-tiered derived from ab51/ac46 → see also mbildg1/vbildg1 (1=1,2), (2=3), (3=4), (4=5)

2. Indices and scales derived from specific items

1st Wave.

a)Children Questionnaire

Topic	**Variable name of question in questionnaire**	**Variable name of new / derived variable**	**Rules for composition**
Age	aa1a1-2	alter1	Calculated using the function yrmoda from month of birth (aa1a1) and year of birth (aa1a2) and date of the survey. Birth date was set as being 15th of the given month. Date of survey was assumed to be 01.08.1993. One year was calculated as having 365,25 days
		alt1	Represents the whole number component of alter1
		saltm1	Age of child calculated in months according to Siegen. August 1993 was fixed as being the representative survey date. 93 was multiplied by 12, 8 (August) added. The year of birth stated in aa1a2 was multiplied by 12 added to the month stated in aa1a1 and subtracted.
		saltj1	Calculated from saltm1/2, gives the age of child in months. Difference to age in alter1 is found in position of decimal point.

		saltkl1	Whole age component of Siegen's alt1. However a different classification was used here. Persons with a value between 14.5 and 15.49 were assigned the value 15. *When using this variable it is to be noted that it is only to be used in combination with one of the participation variables (e.g. welle1, welleg; see part 1). In many cases participants did not take part in wave 1, dis however receive a value for saltkl1, which in part lies outside the age-range for this wave.*
Temperament	aa15a1-aa15b24	aufgabe1	Task orientation (irritability) Mathematical mean of aa15a3, aa15a5u, aa15a9, aa15a13. Whereby aa15a5 was repoled to aa15a5u.
		essen1	Eating rhythm. Mathematical mean of aa15a10, aa15b18, aa15b20, aa15b21.
		aktiv1	General level of activity Mathematical mean of aa15a2, aa15a4, aa15a6, aa15b14, aa15b16, aa15b24.
		naehe1	Approach vs. withdrawal Mathematical mean of aa15b15, aa15b17, aa15b19, aa15b23.
		flex1	Flexibility vs. rigidity Mathematical mean of aa15a1, aa15a8, aa15b12, aa15b22.
Deviant peer group climate	aa25a1-5	peers1	mathematical mean of aa25a1-5
Family climate	aa28a1-5	klima	Mathematical mean of aa28a1u, aa28a2, aa28a3, aa28a4u, aa28a5. aa28a1 and aa28a4 were repoled to aa28a1u and aa28a4u before the variable klima was calculated.
Monitoring: Items aa29a1 – aa29b2 were repoled to aa29a1u – aa29b2u as the basis for calculation of the variable monitoring. High numbers represent a high level of monitoring			
Monitoring	aa29a1-aa29b2	mmonti1	mathematical mean of repoled items aa29a1u and aa29a2u for mother
		vmonit1	mathematical mean of repoled items aa29b1u and aa29b2u for father
		vmonitc	counts the missing values from vmonit. Available data are coded 0 and missing data coded 2.

		Monitor1	mathematical mean of mmonit1 and vmonit1. In the case that statements for vmonit1 were missing, mmonit1 was taken as a replacement.
Child-parent conflicts	aa30a1a1-4, -2a1-4; aa30b1a1-4, -2a1-4	auseinm1	score summing up number of conflict topics between mother and child. aa30a1a1-4 were recoded, whereby 0 = no discussion and 1 = discussion. auseinm1 adds up the answers from aa30a1a1-4 so that a maximal score of 4 can be reached.
		auseinv1	score summing up number of conflicts between father and child using variables aa30b1a1-4. (as in auseinm1)
		auseing1	based on aa30a1a1-4 and aa30b1a1-4, that is conflicts with mother and father. Maximum score of 8.
		mstreit1	mathematical mean of aa30a2a1-4
		vstreit1	mathematical mean of aa30b2a1-4
Parental attitudes towards upbringing: Items aa31a3, aa31a6, aa31a8, aa31b3, aa31b6, aa31b8 were repoled to aa31a3u, aa31a6u, aa31a8u, aa31b3u, aa31b6u, aa31b8u as the basis for calculation of the variable parental attitudes towards upbringing.			
	aa31a1-19, aa31b1-19	mfeel1	Mothers' empathy. Mathematical mean of aa31a1, aa31a4, aa31a6u, aa31a8u
		vfeel1	Fathers' empathy capabilities. Mathematical mean of aa31b1, aa31b4, aa31b6u, aa31b8u
		mzuwend1	Predictability of mothers' loving care. Mathematical mean of aa31a5, aa31a7, aa31a10.
		vzuwend1	Predictability of fathers' loving care. Mathematical mean of aa31b5, aa31b7, aa31b10.
		mkons1	Firm vs. lenient. Mathematical mean of aa31a2, aa31a3u, aa31a9, aa31a11.
		vkons1	Firm vs. lenient. Mathematical mean of aa31b2, aa31b3u, aa31b9, aa31b11.
Household chores			
	aa34a1-3 aa34b1-3 aa35a1-3 aa35b1-3	hauskm1	on part of child for parents (aa34) states how often the child carries out household chores on average for mother. Mathematical mean of aa34a1, aa34a2, aa34a3. As for the following variables, 1 = never and 4 = regularly

		hauskv1	on part of child for parents (aa34) states how often the child carries out household chores on average for father. Mathematical mean of aa34b1, aa34b2, aa34b3
		hausk1	on part of child for parents (aa34) Mathematical mean of hauskm1 and hauskv1. States how often the child carries out household chores on average for parents.
		hausmk1	on part of parents for child (aa35) states how often the mother helps the child with household chores. Mathematical mean of aa35a1, aa35a2, aa35a3
		hausvk1	on part of parents for child (aa35) states how often the father helps the child with household chores. Mathematical mean of aa35b1, aa35b2, aa35b3
		hauselt1	on part of parents for child (aa35) Mathematical mean of hausmk1 and hausvk1. States average help wchich child receives with household chores from parents.
Suggestions and advice			
	aa34a4, 5 aa34b4, 5 aa35a4, 5 aa35b4, 5	engekm1	on part of child for parents (aa34) states how often child makes suggestions or gives mother advice. Mathematical mean of aa34a4 and aa34a5, whereby as for the following variables, 1= never and 4 = regularly
		engekv1	on part of child for parents (aa34) states how often child makes suggestions or gives father advice. Mathematical mean of aa34b4 and aa34b5, whereby as for the following variables, 1= never and 4 = regularly
		engek1	on part of child for parents (aa34) states the average regularity with which child makes suggestions or gives both parents advice in personal problems. Mathematical mean of aa34a4, aa34a5, aa34b4 and aa34b5
		engemk1	on part of parents for child (aa35) states how often mother makes suggestions or gives child advice. Mathematical mean of aa35a4 and aa35a5

		engevk1	on part of parents for child (aa35) states how often father makes suggestions or gives child advice. Mathematical mean of aa35b4 and aa35b5
		engeelt1	on part of parents for child (aa35) states the average regularity with which both parents make suggestions or give child advice in personal problems. Mathematical mean of aa35a4, aa35a5, aa35b4 and aa35b5
Timing of developmental transitions (aa39a1- aa39l4) Correction variables were formed for all variables aa39a2-aa39l2 (original items were renamed by adding “d”) and unrealistical statements recoded as missings (e.g. age stated for any given developmental transition was tested for inconsistency by comparison with the child’s age as calculated in variable “alter1”). Correction variables aa39a2d-aa39l2d were used as the basis for formation of derivative variables from transitions, indicator and time variables. Indicator variables depict whether the given event had occurred (1) or not (0). Time variables each contain the age stated in aa39a2d-l2d. Given the case that the transition at time of survey had not occurred, i.e. aa39a2d-aa39l2d carry the value 99, the time variable carries the value corresponding to age calculated in alt1. (see aa1a1-2)			
Indicator variables Time variables	aa39	weger	come and go (from aa39a2d): indicator 0= not occurred 1=occurred (with age stated)
		survweg	come and go: age stated / calculated (from aa39a2d)
		auszer	left home (from aa39b2d): indicator 0= not occurred 1=occurred
		sexer	sexual experiences (from aa39c2d): indicator 0= not occurred 1=occurred
		survsex	sexual experiences: age stated / calculated (from aa39c2d)
		heirater	married (from aa39d2d): indicator 0= not occurred 1=occurred
		politer	political issues (from aa39e2d): indicator 0= not occurred 1=occurred
		survpol	political issues: age stated / calculated (from aa39e2d)
		ausseher	deciding own appearance (from aa39f2d): indicator 0= not occurred 1=occurred
		survauss	deciding own appearance age stated / calculated (from aa39f2d)

		verlieer	fell in love for first time (from aa39g2d): indicator 0= not occurred 1=occurred
		survvel	fell in love for first time: age stated / calculated (from aa39g2d)
		berufer	career desire (from aa39h2d): indicator 0= not occurred 1=occurred
		freujer	steady girlfriend (only boys) (from aa39i2d): indicator 0= not occurred 1=occurred
		survfrej	steady girlfriend (only boys): age stated / calculated (from aa39i2d)
		freumer	steady boyfriend (only girls) (from aa39j2d): indicator 0= not occurred 1=occurred
		survfreu	steady boyfriend (only girls): age stated / calculated (from aa39j2d)
		einkauer	shopping alone (from aa39k2d): indicator 0= not occurred 1=occurred
		surveink	shopping alone: age stated / calculated (from aa39k2d)
		hobbieer	own hobbies (from aa39l2d): indicator 0= not occurred 1=occurred
		survhob	own hobbies: age stated / calculated (from aa39l2d)
Social problems	aa41a1-8	problem1	mathematical mean of aa41a1-8
Type of school attended by child	aa49	schule1	takes the values 1-7 from aa49a1 and sets value 8 to sysmis
		school1	type of school stated by parents (see ad 6)
Depression	aa47a1-15	depr1 (scale)	mathematical mean of aa47a1-15 whereby variables aa47a9 and aa47a12 were repoled to aa47a9u and aa47a12u
Self-efficacy	aa53a1-10	selbst1	mathematical mean of aa53a1-10
Attitude towards school	aa53a11-19	seinst1	Variables aa53a11, aa53a15, aa53a16, aa53a17 were repoled to aa53a11u, aa53a15u, aa53a16u, aa53a17u for the calculation of school attitude. seinst1 was calculated using aa53a11u, aa53a12, aa53a13, aa53a14, aa53a15u, aa53a16u, aa53a17u, aa53a18, aa53a19.

Bullying	aa57-60	bullyo1	summarizes whether given child has ever been victim of bullying (aa57), and if so, how often (aa58). Tier 2 of aa57 was recoded as bullyo1, tiers1-4 of bullyo1 correspond to the relevant tiers in aa58. 0 = never 1 = more than one year ago 2 = every now and then 3 = approx. once a week 4 = more than once a week
		bullyoa1	trichotomisation of bullyo1 (only in case of incidence in previous year) when: bullyo1=0 bullyoa1= sysmis bullyo1=2 bullyoa1= 1 (every now and then) bullyo1=3 bullyoa1= 2 (approx. once a week) bullyo1=4 bullyoa1= 3 (more than once a week)
		bullyt1	summarizes whether given child has ever bullied (aa59) and if so, how often (aa60). Tier 2 of aa59 was recoded as bullyt1, tiers1-4 of bullyt correspond to the relevant tiers in aa60. 0 = never 1 = more than one year ago 2 = every now and then 3 = approx. once a week 4 = more than once a week
		bullyta1	trichotomisation of bullyt1 (only in case of incidence in previous year) when: bullyt1=0 bullyta1= sysmis bullyt1=2 bullya1= 1 (every now and then) bullyt1=3 bullyta1= 2 (approx. once a week) bullyt1=4 bullyta1= 3 (more than once a week)
Alcohol consumption	aa61, aa62	alk1	6-tiered summarization of items aa61 and aa62. The (new) value 0 corresponds to value 2 of the filter question aa61 and indicates that the child has never consumed alcohol. Values 1-6 correspond to tiers 1-6 for aa62.

		alka1	5-tiered summarization of of alk1 reduced to show current alcohol consumption. 0 = never consumed and 1 = more than one year ago were recoded as missings. Furthermore 1 (alka1) = 2 (alk1), 2=3, 3=4, 4=5, 5=6.
Smoking	aa63, aa64	rau1	6-tiered summarization of items aa63 and aa64. The (new) value 0 corresponds to value 2 of the filter question aa63 and indicates that the child has never smoked. Values 1-6 correspond to tiers 1-6 for aa64.
		raua1	5-tiered summarization of of rau1 reduced to show current smoking behaviour. 0 = never smoked and 1 = more than one year ago were recoded as missings. Furthermore 1 (alka1) = 2 (alk1), 2=3, 3=4, 4=5, 5=6.
Physical rate of development Indicator variables were formed for transitions within physical development and for start of menstruation an additional time variable (see aa391-14). Indicator variables show whether a transition has taken place (=1) or not (=0). Only cases where the girls / boys answered the gender-specific questions were included. The correction variable for aa74a1 is aa74a1d. Given the case that menstruation had not yet begun, the time variable was assigned the value from alt1, in all other case from aa74a1d.			
Developmental transition Indicator variables Time variables	aa73-aa76, aa78-aa79	mener	Start of period experienced (from aa74a1d) 0= not experienced 1=experienced
		survmen	In case experienced, corresponds to survmen = aa74a1d otherwise survmen=alt1
		waxerm1	Pubic hair females (from aa75) 0= not experienced 1=experienced
		waxerm2	Growth of breasts (aa76) 0= not experienced 1=experienced
		waxerj2	Growth spurt (aa78) 0= not experienced 1=experienced
		waxerj1	Pubic hair males (from aa75) 0= not experienced 1=experienced
Relative rate of development	aa77, aa80	timm	Trichotomised version of aa77. Interviewees were divided into “early” (2), “late” (0) and “on time” (1) in comparison to their environment. Only cases where the girls / boys answered the gender-specific questions were included timm1 =1 (on time) when aa77 = 3 timm1 = 2 (early) when aa77 = 1, 2 timm1 = 0 (late) when aa77 = 4,5

		timj	Trichotomised version of aa80. Interviewees were divided into “early” (2), “late” (0) and “on time” (1) in comparison to their environment. Only cases where the girls / boys answered the gender-specific questions were included timj1 =1 (on time) when aa80 = 3 timj1 = 2 (early) when aa80 = 1, 2 timj1 = 0 (late) when aa80 = 4,5
Sex	aa82	sex1	a duplicate of aa82
Place of residence	aa83	stadt1	Dichotomisation of aa83. First 3 categories (1,2,3) assigned value 0 (= less than 20,000 inhabitants) rest (4-7) assigned value 2 (= more than 20,000 inhabitants)
Federal state	aa84a1, a2	bl1	summarization of aa84a1 and aa84a2
		nation1	Formed from bl1. 1= West 2= East The division of areas into East and West for children from Berlin was supplied by EMNID.
Post-code	aa87	plza1	renamed old post-code (aa87)
	aa88	plz	renamed new post-code (aa88)

b*) Questionnaire for mothers*

Stringvariable	ab1	ab1s	Open answer category in ab1 was renamed string variable ab1s. This is however 100% missing – almost all mothers were biological mothers of children.
Age	ab21a1-a3	alterm1	Age of mother calculated using the function yrmoda from statements concerning day of birth (ab21a1) month of birth (ab21a2), year of birth (ab21a3) and date of survey. Interview date was set as 01.08.1993. One year is calculated as having 365,25 days
		altm1	represents the whole number component of alterm1

		saltmut	Age of mother calculated in months according to Siegen. Difference to age in alterm1 is found in position of decimal point.August 1993 was fixed as being the representative survey date. 93 was multiplied by 12, 8 (August) added. The year of birth stated in ab21a3 was multiplied by 12 added to the month stated in ab21a2 and subtracted
Education of mothers' parents	ab43, ab44	mschbvo	includes only "east qualifications" of mothers' father (tiers 1-5 in ab43)
		mschbvw	includes only "west qualifications" of mothers' father (tiers 6-12 in ab43)
		mschbmo	includes only "east qualifications" of mothers' mother (tiers 1-5 in ab44)
		mschbmw	includes only "west qualifications" of mothers' mother (tiers 6-12 in ab44)
Mothers' education	ab51	mschbo	variable for "east qualifications" includes tiers 1-5 for ab51
		mschbw	variable for "west qualifications" includes tiers 6-12 for ab51
		negmbild	= 1 when mschbo = 1 or mschbw = 1 (mother has no qualification) for all others (with qualification) negmbild = 0
		enegbl	Sum of score for negmbild and negvbild (see ac46). Indicates poor education in total for parents. enegbl has a maximum value of 2.

c) Questionnaire for fathers

Age	ac17a1-3	alterv1	Age of father Calculated using the function yrmoda from statements concerning day of birth (ac17a1) month of birth (ac17a2), year of birth (ac17a3) and date of survey. Interview date was set as 01.08.1993. One year is calculated as having 365,25 days
		altv1	Represents the whole number component of alterv1
		saltvat	Age of father calculated in months according to Siegen. Difference to age in alterv1 is found in position of decimal point.August 1993 was fixed as being the representative survey date. 93 was multiplied by 12, 8 (August) added. The year of birth stated in ac17a3 was multiplied by 12 added to the month stated in ac17a2 and subtracted

Education of fathers' parents	ac39, ac40	vschbvo	includes only "east qualifications" of mothers' father (tiers 1-5 in ac39)
		vschbvw	includes only "west qualifications" of mothers' father (tiers 6-12 in ac39)
		vschbmo	includes only "east qualifications" of mothers' mother (tiers 1-5 in ac40)
		vschbmw	includes only "west qualifications" of mothers' mother (tiers 6-12 in ac40)
Fathers' education	ac46	vschbo	variable for "east qualifications" includes tiers 1-5 for ac46
		vschbw	variable for "west qualifications" includes tiers 6-12 for ac46
		negvbild	= 1 when vschbo = 1 or vschbw = 1 (father has no qualification) for all others (with qualification) negvbild = 0

c) Household questionnaire

Sex of child	ad6a1-a6	geschl1	Longitudinal correction for inconsistencies between child and parental statements regarding sex (possibly due to registering of a sibling's sex or parents' faking)

Special cases: Career items

	ab16a1_4 ab16a2_4 ab45a1_4 ab45a2_4 ab46a1_4 ab46a2_4 ab52a1_4 ab52a2_4 ac16a1_4 ac16a2_4 ac41a1_4 ac41a2_4 usw.		4-figured coded first and second answer options for items ab16, ab45, ab46, ab52, ac16, ac41, ac42, ac47. Items refer to parental ideas concerning career of child, career qualification of parents' parents as well as career qualification of parents themselves. Extensive lists are available for the decoding of the items coded with 4-figures. These are based upon: classification of careers: systematic and alphabetical index of job titles. (categorisation according to job classes for statistics of the Federal Agency for Labor; September 1988). The lists were added to the materials for the CA. The make-up of the codes can roughly be explained as follows: 3 digits: Berufsordnung e.g. 011 = Farmer, 012 = Wine-maker 4 digits: job classes, e.g. 0111 = graduate (college) in agriculture Be aware of using the 3-figured codes. Accuracy of lables not guaranteed.

2nd Wave.

a) Children's questionnaire

Federal State	ba1, ba2	bl2	Summarization of ba1 and ba2
		nation2	Formed from bl2. 1= West 2= East The division of areas into East and West for children from Berlin was carried out according to current post-codes..
Deviant peer group climate	ba23a1-a8	peers2	mathematical mean of ba23a1, a3, a4, a6, a7
		ba23a2u, 5u, 8u	repoling of ba23a2, a5, a8 for the calculation of peers2k
		peers2k	Mathematical mean of ba23a1, 2u, 3, 4, 5u, 6, 7, 8u.
Family climate	ba26a1-a5	ba26a1u ba26a4u	repoling of ba26a1, a4 for the calculation of klima2
		klima2	Mathematical mean of ba26a1u, 2, 3, 4u, 5.
Monitoring: Items ba27a1 – ba28a2 were repoled to aa29a1u – aa29b2u as the basis for calculation of the variable monitoring. High numbers represent a high level of monitoring			
	ba27a1- ba28a2	mmont2	mathematical mean of repoled items ba27a1u and ba27a2u for mother
		vmonit2	mathematical mean of repoled items ba28a1u and ba28a2u for father
		vmonitc2	Counts the missing values from vmonit2. Available data are coded 0 and missing data coded 2.
		monitor2	Mathematical mean of mmonit2 and vmonit2. In the case that statements for vmonit2 were missing (i.e. vmonit2 carries value 2) then Monitor2 takes the value from mmonit2- mothers' monitoring.
Parent-child conflicts (ba29a1-ba30a4) Items ba29a1 – ba30a4 were recoded ba29a1u and ba30a4ufor the formation of conflict variables, in such a way that 0= no discussion, 1 = discussion			
	ba29a1-ba30a4	auseinm2	auseinm2 adds up the answers from ba29a1u-4u so that a maximal score of 4 can be reached.

		auseinv2	Score summing up number of conflicts between father and child using variables ba30a1u-4u. (as in auseinm2)
		auseing2	Based on ba29a1-4 and ba30a1-4, that is conflicts with mother and father. Maximum score of 8.
		mstreit2	mathematical mean of ba29b1-4
		vstreit2	mathematical mean of ba30b1-4
		gstreit2	Mathematical mean of mother (ba29b1-4) and father (ba30b1-4) giving average amount of discussion for both parents.
Parental attitudes towards upbringing: (ba31a1-15 ba31b1-15) Items ba31a4, ba31a6, ba31b4, ba31b6 were repoled as ba31a4u, ba31a6u, ba31b4u, ba31b6u as the basis for calculation of the variable parental attitudes towards upbringing.			
	ba31a1-15 ba31b1-15	mfeel2	Mothers' empathy. Mathematical mean of ba31a1, a2, a4u and a6u
		vfeel2	Fathers' empathy. Mathematical mean of ba31b1, b2, b4u and b6u
		mzuwend2	Predictability of mothers' loving care. Mathematical mean of ba31a3, ba31a5, ba31a7.
		vzuwend2	Predictability of fathers' loving care. Mathematical mean of ba31b3, ba31b5, ba31b7.
Timing of developmental transitions (ba35a1-ba35l4) Indicator variables depict whether the given event had occurred (1) or not (0) (see also aa39 items). Basis for the calculation of the indicator variables were the original items, which can be found here in edited form (e.g. age as stated in ba35a2 was checked for inconsistrencies compared with the age calculated in alt2 Time variables were calculated using correction variables ba35a2d-ba35l2d (see documentation). Since the original items were edited, the correction was carried out out merely through the coding of missings with the value 99. In the given case that a developmental transition had not taken place at the time of surveying (i.e. person carries value 99), then the time variable carries the value of age as calculated in alt2 (see ba76a1, a2)			
	ba35…	weger2	come and go (fromba35a1, a2, a3): indicator 0= not occurred 1=occurred
		survweg2	come and go: age stated / calculated
		auszer2	left home (from ba35b1, b2, b3): indicator 0= not occurred 1=occurred

		sexer2	sexual experiences (from ba35c1, c2, c3): indicator 0= not occurred 1=occurred
		survsex2	sexual experiences: age stated / calculated
		politer2	political issues (from ba35e1, e2, e3): indicator 0= not occurred 1=occurred
		survpol2	political issues: age stated / calculated
		ausseher2	deciding own appearance (from ba35f1, f2, f3): indicator 0= not occurred 1=occurred
		survaus2	deciding own appearance age stated / calculated
		verler2	fell in love for first time (from ba35g1, g2, g3): indicator 0= not occurred 1=occurred
		survver2	fell in love for first time: age stated / calculated
		berufer2	career desire (from ba35h1, h2, h3): indicator 0= not occurred 1=occurred
		survber2	career desire: age stated / calculated
		freujer2	steady girlfriend (only boys) (from ba35i1, i2, i3): indicator 0= not occurred 1=occurred
		survfrj2	steady girlfriend (only boys): age stated / calculated
		freumer2	steady boyfriend (only girls) (from ba35j1, j2, j3): indicator 0= not occurred 1=occurred
		survfrm2	steady boyfriend (only girls): age stated / calculated
		einker2	shopping alone (from ba35k1, k2, k3): indicator 0= not occurred 1=occurred
		survein2	shopping alone: age stated / calculated
		hobber2	own hobbies (from ba35l1, l2, l3): indicator 0= not occurred 1=occurred
		survhob2	own hobbies: age stated / calculated
Social problems	ba41a1-8	problem2	mathematical mean of ba41a1-8
Depression	ba42a1-15	depr2 (scale)	mathematical mean of ba42a1-15 to obtain sensible values, repoled items ba42a9u ba42a12u were used instead of ba42a9 and a12.
Type of school attended by child	ba44	schule2	takes the values 1-7 from ba44 and sets value 8 to sysmis

Self-efficacy	ba58a1-10	selbst2	mathematical mean of ba48a1-10
School qualification aspired	ba46	bildk2	school qualification aspired by child in wave 2 (trichotomised ba46): 1= Hauptschule, basic level (original codes 1,2) 2= Realschule, middle qualification (original code 3) 3= higher education (original codes 4,5,6) The numbers appearing after = refer to the values of ba 46.
		bilddk2	bildk2 dichotomised, whereby 1 (low) = 1 2 (high) = 2,3 The numbers appearing after = refer to the values of bildk2
Attitude towards school	ba48a11-19	seinst2	Variables ba48a11, ba48a15, ba48a16, ba48a17 were repoled to ba48a11, ba48a15u, ba48a16u, ba48a17u for the calculation of school attitude. seinst2 was calculated using ba48a11u, ba48a12, ba48a13, ba48a14, ba48a15u, ba48a16u, ba48a17u, ba48a18, ba48a19.
Physical rate of development Indicator variables were formed for transitions within physical development and for start of menstruation an additional time variable (see ba36a1-14). Indicator variables show whether a transition has taken place (=1) or not (=0). Only cases where the girls / boys answered the gender-specific questions were included. The correction variable for ba68a1 is ba68a1d. This variable was used for the calculation of surmen2. Given the case that menstruation had not yet begun, the time variable was assigned the value from alt2, in all other case from ba68a1d.			
Developmental transition	ba67-ba70 ba72-ba73	mener2	Start of period experienced (from ba68a1d) 0= not experienced 1=experienced
		survmen2	Period (ba68a1d) (time variable) In case experienced, corresponds to survmen2 = ba68a1d otherwise survmen2=alt2
		waxerm12	Pubic hair females (from ba69) 0= not experienced 1=experienced
		waxerm22	Growth of breasts (ba70) 0= not experienced 1=experienced
		waxerj22	Growth spurt (ba72) 0= not experienced 1=experienced

		waxerj12	Pubic hair males (ba73) 0= not experienced 1=experienced
Relative rate of development	ba71	timm2	trichotomised version of ba71. Interviewees were divided into “early” (2), “late” (0) and “on time” (1) in comparison to their environment. Only cases where the girls / boys answered the gender-specific questions were included timm2 =1 (on time) when ba71 = 3 timm2 = 2 (early) when ba71 = 1, 2 timm2 = 0 (late) when ba71 = 4,5
	ba74	timj2	Trichotomised version of ba74. Interviewees were divided into “early” (2), “late” (0) and “on time” (1) in comparison to their environment. Only cases where the girls / boys answered the gender-specific questions were included timj2 =1 (on time) when ba74 = 3 timj2 = 2 (early) when ba74 = 1, 2 timj2 = 0 (late) when ba74 = 4,5
Age	ba76a1, ba76a2	alter2	Calculated using the function yrmoda from month of birth (ba76a1) and year of birth (ba76a2) and date of the survey. Birth date was set as being 15th of the given month. Date of survey was assumed to be 15.10.1994. One year was calculated as having 365,25 days
		alt2	Represents the whole number component of alter2. Participants younger than 8 were assigned the value 8
		saltm2	Age of child calculated in months according to Siegen. Calculations in the SPSS syntax files can not be followed in every detail, it is however to be assumed that they are analoge to those for saltm1 and saltm3.
		saltj2	Calculated from saltm2/12, gives the age of child in months. Difference to age in alter2 is found in position of decimal point.
		saltkl2	Whole age component of Siegen’s alt2 (for calculation see age in wave 1 aa1a1-2). *It is to be noted that saltkl2 (see saltkl1 aa1a1-2) is also only to be used in combination with one of the participation variables (e.g. welle2).*
Sex	ba78	sex2	a duplicate of ba78
Place of residence	ba79	stadt2	Dichotomisation of place of residence. First 3 categories (1,2,3) assigned value 0 (= less than 20,000 inhabitants) rest (4-7) assigned value 2 (= more than 20,000 inhabitants)

b) Mothers' questionnaire

Age	bb23a1-3	alterm2	Age of mother Calculated using the function yrmoda from statements concerning day of birth (bc17a1) month of birth (bc17a2), year of birth (bc17a3) and date of survey. Interview date was set as 15.10.1994. One year is calculated as having 365,25 days
		altm2	represents the whole number component of alterm2

c) Fathers' questionnaire

Age	bc17a1-3	alterv2	Age of father Calculated using the function yrmoda from statements concerning day of birth (bc17a1) month of birth (bc17a2), year of birth (bc17a3) and date of survey. Interview date was set as 15.10.1994. One year is calculated as having 365,25 days
		altv2	represents the whole number component of alterv2
Post-code		plz2	post-codes from wave 1 were used in wave 2

EMNID variables (only career variables)

	bb16a1_4 bb16a2_4 bc16a1_4 bc16a2_4		see special cases (ab16a1_4 etc)

3rd Wave.

a) Children's questionnaire

Age	ca74a1, ca74a2	sgebm	Date of birth in months as calculated by Siegen. Year of birth from wave 1 (aa1a2 / the duplicate from Siegen – agj) is multiplied by 12 and added to month of birth (aa1a1 / the duplicate from Siegen – sgm)
		fra1	Year of interview (probably an edited version of ca83a3)
		fra	Month of interview (probably an edited version of ca83a2)
		sfram	analoge to sgebm: calculation of date of interview in months fra1 was multiplied by 12 and added to fra
		saltm3	Age of child in months. Calculated by subtracting sgebm from sfram.
		saltj3	Age in years. Calculated by dividing saltm3 by 12.
		alter3	Copy of saltj3 with only 2 decimal places instead of 3.
		alt3	whole number component of alter3, whereby the "Jenaer" system was used for calculation, i.e. values 15.00-15.99 are allocated the value 15 (see aa1a1-2)
		saltkl3	Siegen's version of alt3. The value 15 is assigned to participants with a saltj3 value between 14.5 and 15.49.
Federal state	ca78a1,a2	bl3	summarization of ca78a1 and ca78a2
		nation3	East-West indicator formed from bl3. 1= West 2= East The division of areas into East and West for children from Berlin was adopted from the previous wave (see wave 2, ba1,2)
Sex	ca76	sex3	duplicate of ca76
Post-code	ca80	plz3	renamed postcodes for wave 3

b) Mothers' questionnaire

Age	cb20a1-a3	alterm3	Age of mother Calculated using the function yrmoda from statements concerning day of birth (cb20a1) month of birth (cb20a2), year of birth (cb20a3) and date of survey. Interview date was calculated using Siegen's variables fra1 (year) and fra (month). The 15th of the given month was set as day of interview. fra1 and fra are probably edited versions of ca83a2 and ca83a3, although the calculation can not be followed in every detail in the SPSS syntax files. One year is calculated as having 365,25 days
		altm3	represents the whole number component of alterm3

c) Fathers' questionnaire

Age	cc16a1-a3	alterv3	Age of father Calculated using the function yrmoda from statements concerning day of birth (cc16a1) month of birth (cc16a2), year of birth (cc16a3) and date of survey. Interview date was calculated using Siegen's variables fra1 (year) and fra (month). The 15th of the given month was set as day of interview. fra1 and fra are probably edited versions of ca83a2 and ca83a3, although the calculation can not be followed in every detail in the SPSS syntax files. One year is calculated as having 365,25 days
		altv3	represents the whole number component of alterv3

4th Wave.

a) Children's questionnaire

Sex	da77	sex4	duplicate of da77
Age	da75a1, a2	alter4	Calculated using the function yrmoda from statements concerning month of birth (da75a1), year of birth (da75a2) and date of survey. Date of interview was given in items da84a1-a3. Since however there were several missing pieces of data, inttag4, intmon4 and intjahr4 were created as correction variables. Interview date was set as 11.06.1997 for missing data. One year is calculated as having 365,25 days
		inttag4, intmon4, intjahr4	Correction variables for date of interview from da84a1-a3.
		alt4	Represents the whole number component of alter4. Participants with a value lower than 8 in alter4 were assigned the value 8.
Federal state	da79a1, a2	bl4	summarization of da78a1 and da78a2
		nation4	East-West indicator formed from bl4. 1= West 2= East The division of areas into East and West for children from Berlin was adopted from the previous wave in which the child too part (see ba1,2)

b) *Mothers' questionnaire*

Age	db31a1-a3	alterm4	Age of mother Calculated using the function yrmoda from statements concerning day of birth (db31a1) month of birth (db31a2), year of birth (db31a3) and date of survey. Interview date was once again calculated using inttag4, intmon4, intjahr4 (see da75a1-a2). One year is calculated as having 365,25 days
		altm4	represents the whole number component of alterm4

c) *Fathers' questionnaire*

Age	dc20a1-a3	alterv4	Age of father Calculated using the function yrmoda from statements concerning day of birth (dc20a1) month of birth (dc20a2), year of birth (dc20a3) and date of survey. Interview date was once again calculated using inttag4, intmon4, intjahr4 (see da75a1-a2). One year is calculated as having 365,25 days
		altv4	represents the whole number component of alterv4
		inttag4, intmon4, intjahr4	Correction variables for date of interview from da84a1-a3.

EMNID variables in wave 4

		date	probably date of interview