

## **Mother / Father Education – harmonisation notes**

### Studies (wave) with relevant data (n=18)

ALSPAC (1), Ballabeina (2), Belgian Preschool 1, CHAMPS US, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway (1), EYHS Portugal (1), HEAPS (1,2), IBDS (1-4), KISS (1), NHANES 2003-04, NHANES 2005-06, PEACH (1,2), Pelotas, SPEEDY (1), TAAG (1,2,3).

### Assessment characteristics

Respondent: Mother / Father (self-report), Partner-proxy, Child.  
 Constructs: Qualifications attained, Educational institutions attended/completed, Age at completion of education, years of education completed.  
 Timing: No. of waves of assessment, proximity to accelerometry.

### Variable(s) created

<b>Name</b>	<b>Description / Coding</b>
ICAD_MotherEducation1	Up to and including completion of compulsory education (coded 0) Any post-compulsory education including vocational training (1) Missing (999)
ICAD_FatherEducation1	Up to and including completion of compulsory education (coded 0) Any post-compulsory education including vocational training (1) Missing (999)
ICAD_MotherEducation2	Up to and including completion of compulsory education (coded 0) Some post-compulsory education or vocational training (1) Completed undergraduate or postgraduate education (2) Missing (999)
ICAD_FatherEducation2	Up to and including completion of compulsory education (coded 0) Some post-compulsory education or vocational training (1) Completed undergraduate or postgraduate education (2) Missing (999)

Variables were derived for all available waves within each study where possible.

### Studies / waves included in each harmonised variable

<b>Name</b>	<b>Study</b>
ICAD_MotherEducation1	ALSPAC (1), Ballabeina (2), Belgian Preschool 1, CHAMPS US, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway, EYHS Portugal, HEAPS (1,2), IBDS (1-4), NHANES 2003-04, NHANES 2005-06, KISS (1), PEACH (1,2), SPEEDY (1), TAAG (1,2,3).
ICAD_FatherEducation1	ALSPAC (1), Ballabeina (2), Belgian Preschool 1, CHAMPS US, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, EYHS Norway, EYHS Portugal, HEAPS (1,2), IBDS (1-4), NHANES 2003-04, NHANES 2005-06, KISS (1), PEACH (1,2), SPEEDY (1), TAAG (1,2,3).
ICAD_MotherEducation2	ALSPAC (1), Ballabeina (2), Belgian Preschool 1, CHAMPS US, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, HEAPS (1,2), IBDS (1-4), NHANES 2003-04, NHANES 2005-06, KISS (1), PEACH (1,2), SPEEDY (1), TAAG (1,2,3).
ICAD_FatherEducation2	ALSPAC (1), Ballabeina (2), Belgian Preschool 1, CHAMPS US, CLAN (1,2,3), EYHS Denmark (1,2,3), EYHS Estonia, HEAPS (1,2), IBDS (1-4), NHANES 2003-04, NHANES 2005-06, KISS

(1), PEACH (1,2), SPEEDY (1), TAAG (1,2,3).
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Excluded studies

<b>Study / wave Variable(s)</b>	<b>Rationale</b>
Pelotas All variables	Variables pertaining to mother education were provided from the birth (1993) and age 18 (2011) surveys only. These were considered too distal from the accelerometer assessment (age 12) and therefore not included in any of the harmonised variables. No variables from Pelotas related to father education are included in ICAD.
EYHS Norway / wave 1 ICAD_MotherEducation2 ICAD_FatherEducation2	The response categories for mother and father education in EYHS Norway did not distinguish between different types of post-compulsory education. It was, therefore, only possible to assign participants to two of the three categories for this harmonised variable – making it essentially the same as ICAD_MotherEducation1 / ICAD_FatherEducation1.
EYHS Portugal / wave 1 ICAD_MotherEducation2 ICAD_FatherEducation2	The response categories for mother and father education in EYHS Portugal did not include options for vocational training or distinguish those who started university / further education but did not complete it. It was, therefore, only possible to assign participants to two of the three categories for this harmonised variable (Up to and including completion of compulsory education (coded 0) / Completed undergraduate or postgraduate education (2)) - making it essentially the same as ICAD_MotherEducation1 / ICAD_FatherEducation1.

Item selection / prioritisation

- Assuming the same construct was assessed, respondent was prioritised as follows: parent self-report, partner-proxy report, child report.
- Assuming the same respondent, construct was prioritised as follows: educational institutions attended/completed, qualifications attained, years of education completed, age at completion of education.
- A subjective judgement was made as to whether assessment of mother / father education was sufficiently proximal to accelerometry to provide reliable information (see study specific notes).

Study specific notes

**ALSPAC** - Parent education assessed as part of surveys conducted when the child was 32 weeks gestation and when the child was age 97 months (approx. 8 years). Data collected at 32 weeks was not used. Data collected at 97 months was judged to be sufficiently close to the first wave of accelerometry (age 11) to justify inclusion. Harmonised variables were recorded with 'wave 1' as the time of assessment.

**Ballabeina** - Information on parent education was collected at the second wave of assessment only (post-intervention; approx. 1 year after baseline and first accelerometer assessment).

**CLAN** - Information on parent education was collected at all three waves of assessment. A relatively small number of respondents (approx. 100) indicated a change in parental

education level between waves of assessment. Not all of these changes were logical (e.g. lower education level at wave two than wave one). No recoding or replacement of illogical responses was conducted.

**EYHS Denmark** - The EYHS Denmark study comprises three cohorts; two longitudinal cohorts (Cohort 'a' assessed in 1997/2003; Cohort 'c' assessed in 2003/2009) and one cross-sectional cohort (Cohort 'b' assessed in 1997 only). Participants belong to one cohort only. All cohorts were assessed using the same methodology. An additional prefix of 'a', 'b', 'c' has been used alongside the wave (W#) indicator to identify the cohort from which the data were obtained (see harmonisation table, 'source data', 'variable name(s)').

**NHANES 2003-04 and 2005-06** – For participants less than 16 years of age, survey data was provided by a proxy-respondent (Household Reference Person (HRP): the first household member 18 years of age or older listed on the Screener household member roster who owns or rents the residence where members of the household reside.) Information was gathered on HRP age, sex, level of education, country of birth and marital status. The HRP also reported their spouse's level of education. No specific information is provided on the relation of the HRP to the primary survey participant. In order to derive the education variables described here, we inferred that the HRP was the participants mother/father conditional on their sex and age. A lower limit of 14 years was imposed on the age difference between the HRP and primary survey participant. Where the age difference was less than 14 years, we inferred that the HRP was not a parent of the survey participant and this data was not included in the harmonised variables. Under the assumption that all partnerships were male/female, information on HRP spouse's education level was also included in the harmonised variables, using the same age criteria. STATA syntax for the recoding described above will be made available on request.

**HEAPS** – Information on parent education was collected at both (2) waves of assessment. A relatively small number of respondents (approx. 90) indicated a change in parental education level between waves of assessment. Not all of these changes were logical (e.g. lower education level at wave two than wave one). No recoding or replacement of illogical responses was conducted.

**IBDS** – Information on parental education was obtained at the point of recruitment into the IBDS study. Participants could join the study at any wave; information was provided for participants that joined the study in the first four waves of assessment. Where participants took part in multiple waves, parental education was not reassessed at later waves; information was carried forward from the recruitment wave.

**PEACH** - Information on parent education was provided for two waves of assessment (waves one and two). A number of respondents (approx. 70) indicated a change in parental education level between waves of assessment. Not all of these changes were logical (e.g. lower education level at wave two than wave one). No recoding or replacement of illogical responses was conducted.

**SPEEDY** - Data were collected on parent's educational qualifications and age of leaving full time education. The qualifications variables were used preferentially, with age of leaving full-time education used where qualifications data were missing. Response categories for the age of leaving full-time education variable were: ≤16 years / between 16-18 years / >18 years. For Mother / FatherEducation1: '≤16 years' was coded as 'compulsory education'; 'Between 16-18 years' and '>18 years' were coded as 'post-compulsory education'. For Mother / FatherEducation2: '≤16 years' was coded as 'compulsory education'; 'Between 16-18 years' was coded as 'some post-compulsory education' and '>18 years' was coded as 'undergraduate/postgraduate education'.

**TAAG** – A subset of participants took part in both waves 1 and 2. Participants reported their parent's level of education at both waves. A relatively small number of respondents (approx.

60-130, depending upon the specific variable) indicated a change in parental education level between waves of assessment. Not all of these changes were logical (e.g. lower education level at wave two than wave one). No recoding or replacement of illogical responses was conducted.

#### Missing data

No criteria were set for the amount of missing / non-missing data within a study when deriving harmonised variables. Accordingly, some variables contain a large number of missing observations (e.g. Father education in CHAMPS US, PEACH and SPEEDY). Data users should make their own decisions on the reliability of harmonised variables and their inclusion or treatment in statistical analyses.

## **Mother education – harmonisation table**

**Construct:** Mother education

**Variable:** ICAD\_MotherEducation1

**Coding:** Up to and including completion of compulsory education (coded 0) / Any post-compulsory education including vocational training (1) / Missing (999)

Study / Wave	Source data		Harmonisation		
	Variable(s): name(s), respondent, description	Summary	Category	Processing	Summary
ALSPAC Wave: 1	Var' name: n4000 (CSE or GCSE (D E F or G)) n4001 (O-level or GCSE (A B or C)) n4002 (A-level) n4003 (Qualifications in shorthand/typing/or other skills) n4004 (Apprenticeship) n4005 (State enrolled nurse) n4006 (State registered nurse) n4007 (City & Guilds intermediate technical) n4008 (City & Guilds final technical) n4009 (City & Guilds full technical) n4010 (Teaching qualification) n4011 (University degree) n4012 (No qualifications) n4013 (Qualifications not known) n4015 (Other (please describe))  Mother reported Qualifications attained Assessed when child was age 8y	n4000, 'yes', n=3088 n4001, 'yes', n=4387 n4002, 'yes', n=2077 n4003, 'yes', n=2327 n4004, 'yes', n=133 n4005, 'yes', n=111 n4006, 'yes', n=438 n4007, 'yes', n=237 n4008, 'yes', n=53 n4009, 'yes', n=107 n4010, 'yes', n=592 n4011, 'yes', n=1096 n4012, 'yes', n=137 n4013, 'yes', n=33 n4015, 'yes', n=983	Compulsory education (0)	CSE / O-level / GCSE qualifications OR No qualifications	n=1230
			Any post-compulsory education (1)	A-level OR Qualifications in shorthand/typing/or other skills OR Apprenticeship OR State enrolled nurse OR State registered nurse OR City & Guilds intermediate technical OR City & Guilds final technical OR City & Guilds full technical OR Teaching qualification OR University degree OR	n=4153
			Missing (999)	Qualifications not known OR Other OR Missing	n=10060
Ballabeina Wave: 2	Var' name: W2_b_education_mother  Self or partner-proxy reported Training completed Measured at second wave of assessment (post-intervention)	University or high school, n=110 Maturity or cader position without university, n=83 2-4y apprenticeship, n=237 Obligatory school-9	Compulsory education (0)	If [W2_b_education_mother] = No complete school education OR Obligatory school-9 years	n=170
			Any post-compulsory education (1)	If [W2_b_education_mother] = Maturity or cader position without university OR 2-4y apprenticeship OR University or	n=430

		years, n=147 No complete school education, n=23 Missing, n=296		high school	
			Missing (999)	If [W2_b_education_mother] = missing	n=296
Belgian Preschool 1	Var' name: education_Ma Parent (self or proxy) reported Highest attained qualification	No diploma, n=5 Primary education , n=2 Special primary education, n=0 Special secondary education, n=0 Third year secondary vocational education, n=5 Third year secondary Technical or artistic education, n=1 Third year general secondary education, n=0 Sixth year secondary vocational education, n=28 Sixth year of secondary technical or artistic education, n=31 Six years of secondary general education, n=8 Higher college education - short type, n=70 Higher college education - long type, n=9 Higher college education - University, n=15 Other, n=4 Unknown, n=0 Missing, n=146	Compulsory education (0)	If [education_Ma] = No diploma OR Primary education OR Special primary education OR Special secondary education OR Third year secondary vocational education OR Third year secondary Technical or artistic education OR Third year general secondary education OR Sixth year secondary vocational education OR Sixth year of secondary technical or artistic education OR Six years of secondary general education	n=80
			Any post-compulsory education (1)	If [education_Ma] = Higher college education - short type OR Higher college education - long type OR Higher college education - University	n=94
			Missing (999)	If [education_Ma] = Other OR Unknown OR Missing	n=150
CHAMPS US	Var' name: moth_ed Parent (self or proxy) reported	Attends or has attended high school, n=15 Completed high school,	Compulsory education (0)	If [moth_ed] = Attends or has attended high school OR Completed high school	n=110

	Highest level of education completed	n=95 Attends or has attended college or technical school, n=155 Completed college or technical school, n=158 Attends or has attended graduate school, n=22 Completed graduate school, n=46 Missing, n=79		Any post-compulsory education (1)	If [moth_ed] = Attends or has attended college or technical school OR Completed college or technical school OR Attends or has attended graduate school OR Completed graduate school	n=381
				Missing (999)		n=79
CLAN Wave: 1	Var' name: W1_Mother_HighestEd  Parent (self or proxy) reported  Highest level of schooling	Never attended school, n=6 Primary school, n=12 Some high school, n=309 Completed high school, n=309 Technical or trade school certificate, n=114 University or tertiary qualification, n=411 Missing or na, n=59		Compulsory education (0)	If [W1_Mother_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=636
				Any post-compulsory education (1)	If [W1_Mother_HighestEd] = Technical or trade school certificate OR University or tertiary qualification	n=525
				Missing (999)	If [W1_Mother_HighestEd] = missing or na	n=59
CLAN Wave: 2	Var' name: W2_Mother_HighestEd  Parent (self or proxy) reported  Highest level of schooling	Never attended school, n=1 Primary school, n=1 Some high school, n=130 Completed high school, n=139 Technical or trade school certificate, n=49 University or tertiary qualification, n=247 Missing or na, n=653		Compulsory education (0)	If [W2_Mother_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=271
				Any post-compulsory education (1)	If [W2_Mother_HighestEd] = Technical or trade school certificate OR University or tertiary qualification	n=296
				Missing (999)	If [W2_Mother_HighestEd] = missing or na	n=653

CLAN Wave: 3	Var' name: W3_Mother_HighestEd  Parent (self or proxy) reported  Highest level of schooling	Never attended school, n=0 Primary school, n=2 Some high school, n=96 Completed high school, n=116 Technical or trade school certificate, n=43 University or tertiary qualification, n=218 Missing or na, n=745	Compulsory education (0)	If [W3_Mother_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=214
			Any post-compulsory education (1)	If [W3_Mother_HighestEd] = Technical or trade school certificate OR University or tertiary qualification	n=261
			Missing (999)	If [W3_Mother_HighestEd] = missing or na	n=745
EYHS Denmark Wave: 1	Var' name(s): W1a_m20_danmark97, W1b_m20_danmark97  Mother reported Highest level of schooling	W1a_m20_danmark97: Primary School, n=112 Secondary school, n=65 EFG basic, n=32 Semi-skilled worker, n=0 EFG 2. part, n=44 Apprentice, n=41 Under education, n=9 Basic exam, n=31 Short further education, n=71 Medium further education, n=103 Long further education, n=40 Missing, n=1070  W1b_m20_danmark97: Primary School, n=80 Secondary school, n=40 EFG basic, n=18 Semi-skilled worker, n=0 EFG 2. part, n=23 Apprentice, n=31 Under education, n=3 Basic exam, n=31 Short further education,	Compulsory education (0)	If [W1a_m20_danmark97 OR W1b_m20_danmark97] = Primary school OR Secondary school	n=297
			Any post-compulsory education (1)	If [W1a_m20_danmark97 OR W1b_m20_danmark97] = any additional education	n=641
			Missing (999)	If [W1a_m20_danmark97 AND W1b_m20_danmark97] = missing	n=680



		n=71 Medium further education, n=75 Long further education, n=18 Missing, n=1128			
EYHS Denmark Wave: 2	Var' name(s): W2a_m20_danmark03 W2c_m20_danmark03  Mother reported Highest level of schooling	W2a_m20_danmark03: Elementary school (8th-10th grade) , n=70 Gymnasium education, n=20 Vocational education, n=102 Short further education, n=67 Medium further education, n=128 Long further education, n=36 Missing, n=1195  W2c_m20_danmark03: Elementary school (8th-10th grade) , n=45 Gymnasium education, n=18 Vocational education, n=99 Short further education, n=64 Medium further education, n=155 Long further education, n=41 Missing, n=1196	Compulsory education (0)	If [W2a_m20_danmark03 OR W2c_m20_danmark03] = Elementary school (8th-10th grade)	n=115
			Any post-compulsory education (1)	If [W2a_m20_danmark03 OR W2c_m20_danmark03] = any additional education	n=730
			Missing (999)	If [W2a_m20_danmark03 AND W2c_m20_danmark03] = missing	n=773
EYHS Denmark Wave: 3	Var' name: W3c_mother_education	Elementary school (8th-10th grade), n=29 Gymnasium education,	Compulsory education (0)	If [W3c_mother_education] = Elementary school (8th-10th grade)	n=29

	Mother reported Highest level of schooling	n=12 Vocational education, n=64 Short further education, n=43 Medium further education, n=126 Long further education, n=39 Missing, n=1305		Any post- compulsory education (1)	If [W3c_mother_education] = any additional education	n=284
				Missing (999)	If [W3c_mother_education] = missing	n=1305
EYHS Estonia	Var' name: m20_estonia  Mother reported Highest level of schooling	8 years or less (basic education) , n=44 11 years = secondary education, n=287 11 to 13 years= specialised secondary or vocational or professional secondary, n=367 Higher not graduated, n=56 Higher education, n=316 Missing, n=104		Compulsory education (0)	If [m20_estonia] = 8 years or less (basic education) OR 11 years = secondary education	n=331
				Any post- compulsory education (1)	If [m20_estonia] =11 to 13 years= specialised secondary or vocational or professional secondary OR Higher not graduated OR Higher education	n=739
				Missing (999)	If [m20_estonia] = missing	n=104
EYHS Norway Wave: 1	Var' name: m20_norway  Mother reported Highest level of schooling	Primary school, n=84 Secondary school, n=243 University/Norwegian folk school, n=352 Other, n=34 Missing, n=41		Compulsory education (0)	If [m20_norway] = Primary school OR Secondary school	n=327
				Any post- compulsory education (1)	If [m20_norway] = University/Norwegian folk school	n=352
				Missing (999)	If [m20_norway] = Other OR Missing	n=75
EYHS Portugal Wave: 1	Var' name: W1a_m20_portugal  Mother reported Highest level of schooling	Never attend school, n=18 1st grade, n=15 2nd grade, n=18 3th grade, n=69 4th grade, n=526		Compulsory education (0)	If [W1_m20_portugal] = 12 <sup>th</sup> grade or less	n=1005
				Any post- compulsory education (1)	If [W1_m20_portugal] = BS(three years at the university) OR Licenciature (five ys at the university) OR Master	n=51

		5th grade, n=47 6th grade, n=125 7th grade, n=46 8th grade, n=17 9th grade, n=57 10th grade, n=11 11th grade, n=25 12th grade, n=31 BS(three years at the university), n=26 Licenciature (five ys at the university), n=21 Master, n=4 Ph.D., n=0 Missing, n=574		Missing (999)	If [W1_m20_portugal] = missing	n=574
HEAPS Wave: 1	Var' name: W1_MotherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=4 Primary school, n=8 Some high school, n=352 Completed high school, n=437 Technical/trade school certificated/apprenticeship, n=172 University/tertiary qualification, n=542 Missing, n=47		Compulsory education (0)	If [W1_MotherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=801
				Any post-compulsory education (1)	If [W1_MotherEducation] = Technical/trade school certificated/apprenticeship OR University/tertiary qualification	n=714
				Missing (999)	If [W1_MotherEducation] = missing	n=47
HEAPS Wave: 2	Var' name: W2_MotherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=0 Primary school, n=0 Some high school, n=69 Completed high school, n=90 Technical/trade school certificated/apprenticeship, n=46 University/tertiary		Compulsory education (0)	If [W2_MotherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=159
				Any post-compulsory education (1)	If [W2_MotherEducation] = Technical/trade school certificated/apprenticeship OR University/tertiary qualification	n=219

		qualification, n=173 Missing/not coded, n=1184		Missing (999)	If [W2_MotherEducation] = missing	n=1184
IBDS Wave: 1	Var' name: W1_MotherEduc_1993  Parent reported Highest level of education achieved	Not finished high school, n=13 High school diploma or GED, n=82 Some college, n=86 2yrs college degree, n=74 4yrs college degree, n=121 Grad or Prof school, n=73 Missing, n=179		Compulsory education (0)	If [W1_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=95
				Any post- compulsory education (1)	If [W1_MotherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=354
				Missing (999)	If [W1_MotherEduc_1993] = missing	n=179
IBDS Wave: 2	Var' name: W2_MotherEduc_1993  Parent reported Highest level of education achieved	Not finished high school, n=12 High school diploma or GED, n=105 Some college, n=110 2yrs college degree, n=94 4yrs college degree, n=152 Grad or Prof school, n=96 Missing, n=59		Compulsory education (0)	If [W2_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=117
				Any post- compulsory education (1)	If [W2_MotherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=452
				Missing (999)	If [W2_MotherEduc_1993] = missing	n=59
IBDS Wave: 3	Var' name: W3_MotherEduc_1993  Parent reported Highest level of education achieved	Not finished high school, n=11 High school diploma or GED, n=94 Some college, n=107 2yrs college degree, n=84 4yrs college degree,		Compulsory education (0)	If [W3_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=105
				Any post- compulsory education (1)	If [W3_MotherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=431

		n=151 Grad or Prof school, n=89 Missing, n=92		Missing (999)	If [W3_MotherEduc_1993] = missing	n=92
IBDS Wave: 4	Var' name: W4_MotherEduc_1993  Parent reported Highest level of education achieved	Not finished high school, n=12 High school diploma or GED, n=84 Some college, n=94 2yrs college degree, n=73 4yrs college degree, n=141 Grad or Prof school, n=85 Missing, n=139		Compulsory education (0)	If [W4_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=96
				Any post- compulsory education (1)	If [W4_MotherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=393
				Missing (999)	If [W4_MotherEduc_1993] = missing	n=139
NHANES 2003-04	Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)  *HRP = household reference person  Reported by HRP Highest level of schooling received  See study specific notes for details on HRP and derivation of Mother/Father variables	dmdhredu: Less than 9 <sup>th</sup> grade, n=1286 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=1727 High school grad – GED or equivalent, n=2529 Some college or AA degree, n=2625 College graduate or above, n=1534 Refused, n=14 Don't know, n=53 Missing, n=354  dmdhsedu: Less than 9 <sup>th</sup> grade, n=748 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=765		Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=2729
				Any post- compulsory education (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree OR College graduate or above	n=1992
				Missing (999)	If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=5401

		High school grad – GED or equivalent, n=1336 Some college or AA degree, n=1494 College graduate or above, n=1001 Refused, n=15 Don't know, n=22 Missing, n=4741			
NHANES 2005-06	Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)  *HRP = household reference person  Reported by HRP Highest level of schooling received  See study specific notes for details on HRP and derivation of Mother/Father variables	dmdhredu: Less than 9 <sup>th</sup> grade, n=1279 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=1707 High school grad – GED or equivalent, n=2408 Some college or AA degree, n=2756 College graduate or above, n=1811 Refused, n=10 Don't know, n=55 Missing, n=322  dmdhsedu: Less than 9 <sup>th</sup> grade, n=793 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=723 High school grad – GED or equivalent, n=1243 Some college or AA degree, n=1522 College graduate or above, n=1249 Refused, n=4 Don't know, n=20 Missing, n=4794	Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=2595
			Any post-compulsory education (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree OR College graduate or above	n=2273
			Missing (999)	If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=5480

KISS Wave: 1	Var' name: edu_mother  Respondent not known (most likely parent reported) Level of education	No professional education, n=93 Apprenticeship 2-4 years, n=251 University or fachhochschule, n=137 Missing, n=59	Compulsory education (0)	If [edu_mother] = No professional education	n=93
			Any post-compulsory education (1)	If [edu_mother] = Apprenticeship 2-4 years OR University or fachhochschule	n=388
			Missing (999)	If [edu_mother] = missing	n=59
PEACH Wave: 1	Var' name: W1_MotherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=310 GCE A level/AS level, n=85 First degree eg BSc, Bed, n=112 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=78 Other academic qualifications, n=69 Missing, n=653	Compulsory education (0)	If [W1_MotherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=310
			Any post-compulsory education (1)	If [W1_MotherEd] = GCE A level/AS level OR first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD OR other academic qualifications	n=344
			Missing (999)	If [W1_MotherEd] = missing	n=653
PEACH Wave: 2	Var' name: W2_MotherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=185 GCE A level/AS level, n=48 First degree eg BSc, Bed, n=72 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=52 Other academic qualifications, n=37 Missing, n=913	Compulsory education (0)	If [W2_MotherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=185
			Any post-compulsory education (1)	If [W2_MotherEd] = GCE A level/AS level OR first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD OR other academic qualifications	n=209
			Missing (999)	If [W2_MotherEd] = missing	n=913
SPEEDY Wave: 1	Var' name: W1_ses_edu_Mother	None or school leaving certificate, n=115	Compulsory education (0)	If [W1_ses_edu_Mother] = None or school leaving certificate OR GCSE or	n=665

	W1_ses_agefte_Mother*	GCSE or equivalent, n=531 Vocational training – lower, n=310 A-levels or equivalent, n=351 Vocational training – higher, n=47 University postgraduate degree, n=246 Missing, n=464		equivalent	
	Parent reported Qualifications held  *Variable indicates age of leaving full-time education (parent-reported). Data from W1_ses_agefte_Mother were used where data from W1_ses_edu_Mother was missing. Number of responses imputed: n=24 See 'study specific notes' for more information		Any post-compulsory education (1)	If [W1_ses_edu_Mother] = Vocational training – lower OR A-levels or equivalent OR Vocational training – higher OR University postgraduate degree	n=959
			Missing (999)	If [W1_ses_edu_Mother] = missing	n=440
TAAG Wave: 1	Var' name: W1_msqaa4b  Child reported Highest school grade completed	Did not finish high school, n=119 Finished high school (or passed the test that is equal to a high school diploma (GED), n=244 Went to vocational school (computer/electrician/mechanic), n=23 Took some college (but did not graduate), n=171 Graduated from a college or university, n=407 Has professional training beyond a 4-year college degree, n=187 Don t know, n=510 Missing / code missing, n=5941	Compulsory education (0)	If [W1_msqaa4b] = Did not finish high school OR Finished high school (or passed the test that is equal to a high school diploma (GED))	n=363
			Any post-compulsory education (1)	If [W1_msqaa4b] = Went to vocational school (computer/electrician/mechanic) OR Took some college (but did not graduate) OR Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=788
			Missing (999)	If [W1_msqaa4b] = Don t know OR Missing	n=6451



TAAG Wave: 2	Var' name: W2_msqba4b Child reported Highest school grade completed	Did not finish high school, n=300 Finished high school (or passed the test that is equal to a high school diploma (GED), n=557 Went to vocational school (computer/electrician/mechanic), n=56 Took some college (but did not graduate), n=475 Graduated from a college or university, n=849 Has professional training beyond a 4-year college degree, n=487 Don t know, n=678 Missing, n=4200	Compulsory education (0)	If [W2_msqba4b] = Did not finish high school OR Finished high school (or passed the test that is equal to a high school diploma (GED))	n=857
			Any post-compulsory education (1)	If [W2_msqba4b] = Went to vocational school (computer/electrician/mechanic) OR Took some college (but did not graduate) OR Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1867
			Missing (999)	If [W2_msqba4b] = Don t know OR Missing	n=4878
TAAG Wave: 3	Var' name: W3_msqba4b Child reported Highest school grade completed	Did not finish high school, n=307 Finished high school (or passed the test that is equal to a high school diploma (GED), n=567 Went to vocational school (computer/electrician/mechanic), n=61 Took some college (but did not graduate), n=452 Graduated from a college or university, n=827 Has professional training beyond a 4-year college degree, n=529 Don t know, n=713 Missing, n=4146	Compulsory education (0)	If [W3_msqba4b] = Did not finish high school OR Finished high school (or passed the test that is equal to a high school diploma (GED))	n=874
			Any post-compulsory education (1)	If [W3_msqba4b] = Went to vocational school (computer/electrician/mechanic) OR Took some college (but did not graduate) OR Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1869

				Missing (999)	If [W3_msqba4b] = Don t know OR Missing	n=4859
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## **Father education – harmonisation table**

**Construct:** Father education

**Variable:** ICAD\_FatherEducation1

**Coding:** Up to and including completion of compulsory education (coded 0) / Any post-compulsory education including vocational training (1) / Missing (999)

Study / Wave	Source data		Harmonisation		
	Variable(s): name(s), respondent, description	Summary	Category	Processing	Summary
ALSPAC Wave: 1	Var' name: n4020 (CSE or GCSE (D E F or G)) n4021 (O-level or GCSE (A B or C)) n4022 (A-level) n4023 (Qualifications in shorthand/typing/or other skills) n4024 (Apprenticeship) n4025 (State enrolled nurse) n4026 (State registered nurse) n4027 (City & Guilds intermediate technical) n4028 (City & Guilds final technical) n4029 (City & Guilds full technical) n4030 (Teaching qualification) n4031 (University degree) n4032 (No qualifications) n4033 (Qualifications not known) n4035 (Other (please describe))  Mother reported Qualifications attained Assessed when child was age 8y	n4020, 'yes', n=2395 n4021, 'yes', n=3285 n4022, 'yes', n=1853 n4023, 'yes', n=212 n4024, 'yes', n=1210 n4025, 'yes', n=7 n4026, 'yes', n=37 n4027, 'yes', n=568 n4028, 'yes', n=349 n4029, 'yes', n=576 n4030, 'yes', n=237 n4031, 'yes', n=1328 n4032, 'yes', n=228 n4033, 'yes', n=149 n4035, 'yes', n=698	Compulsory education (0)	CSE / O-level / GCSE qualifications OR No qualifications	n=1263
			Any post-compulsory education (1)	A-level OR Qualifications in shorthand/typing/or other skills OR Apprenticeship OR State enrolled nurse OR State registered nurse OR City & Guilds intermediate technical OR City & Guilds final technical OR City & Guilds full technical OR Teaching qualification OR University degree OR	n=3471
			Missing (999)	Qualifications not known OR Other OR Missing	n=10709
Ballabeina Wave: 2	Var' name: W2_b_education_father  Self or partner-proxy reported Training completed Measured at second wave of assessment (post-intervention)	University or high school, n=135 Maturity or cader position without university, n=94 2-4y apprenticeship, n=216 Obligatory school-9	Compulsory education (0)	If [W2_b_education_father] = No complete school education OR Obligatory school-9 years	n=148
			Any post-compulsory education (1)	If [W2_b_education_father] = Maturity or cader position without university OR 2-4y apprenticeship OR University or	n=445

		years, n=124 No complete school education, n=24 Missing, n=303			high school	
				Missing (999)	If [W2_b_education_father] = missing	n=303
Belgian Preschool 1	Var' name: education_Pa  Parent (self or proxy) reported Highest attained qualification	No diploma, n=3 Primary education , n=0 Special primary education, n=0 Special secondary education, n=0 Third year secondary vocational education, n=6 Third year secondary Technical or artistic education, n=6 Third year general secondary education, n=0 Sixth year secondary vocational education, n=35 Sixth year of secondary technical or artistic education, n=52 Six years of secondary general education, n=6 Higher college education - short type, n=30 Higher college education - long type, n=6 Higher college education - University, n=25 Other, n=4 Unknown, n=0 Missing, n=151		Compulsory education (0)	If [education_Pa] = No diploma OR Primary education OR Special primary education OR Special secondary education OR Third year secondary vocational education OR Third year secondary Technical or artistic education OR Third year general secondary education OR Sixth year secondary vocational education OR Sixth year of secondary technical or artistic education OR Six years of secondary general education	n=108
				Any post-compulsory education (1)	If [education_Pa] = Higher college education - short type OR Higher college education - long type OR Higher college education - University	n=61
				Missing (999)	If [education_Pa] = Other OR Unknown OR Missing	n=155
CHAMPS US	Var' name: fath_ed	Attends or has attended high school, n=0		Compulsory education (0)	If [fath_ed] = Attends or has attended high school OR	n=5

	Parent (self or proxy) reported Highest level of education completed	Completed high school, n=5 Attends or has attended college or technical school, n=8 Completed college or technical school, n=6 Attends or has attended graduate school, n=1 Completed graduate school, n=5 Missing, n=545		Completed high school	
				Any post-compulsory education (1)	If [fath_ed] = Attends or has attended college or technical school OR Completed college or technical school OR Attends or has attended graduate school OR Completed graduate school n=20
				Missing (999)	If [fath_ed] = missing n=545
CLAN Wave: 1	Var' name: W1_Father_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=5 Primary school, n=9 Some high school, n=237 Completed high school, n=152 Technical or trade school certificate, n=261 University or tertiary qualification, n=335 Missing or na, n=221		Compulsory education (0)	If [W1_Father_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school n=403
				Any post-compulsory education (1)	If [W1_Father_HighestEd] = Technical or trade school certificate OR University or tertiary qualification n=596
				Missing (999)	If [W1_Father_HighestEd] = missing n=221
CLAN Wave: 2	Var' name: W2_Father_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=1 Primary school, n=0 Some high school, n=91 Completed high school, n=66 Technical or trade school certificate, n=121 University or tertiary qualification, n=188 Missing or na, n=753		Compulsory education (0)	If [W2_Father_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school n=158
				Any post-compulsory education (1)	If [W2_Father_HighestEd] = Technical or trade school certificate OR University or tertiary qualification n=309
				Missing (999)	If [W2_Father_HighestEd] = missing n=753

CLAN Wave: 3	Var' name: W3_Father_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=1 Primary school, n=0 Some high school, n=65 Completed high school, n=57 Technical or trade school certificate, n=115 University or tertiary qualification, n=168 Missing or na, n=814	Compulsory education (0)	If [W3_Father_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=123
			Any post-compulsory education (1)	If [W3_Father_HighestEd] = Technical or trade school certificate OR University or tertiary qualification	n=283
			Missing (999)	If [W3_Father_HighestEd] = missing	n=814
EYHS Denmark Wave: 1	Var' name(s): W1a_f20_danmark97 W1b_f20_danmark97  Mother reported Highest level of schooling	W1a_f20_danmark97: Primary School, n=117 Secondary school, n=26 EFG basic, n=19 Semi-skilled worker, n=6 EFG 2. part, n=10 Apprentice, n=120 Under education, n=4 Basic exam, n=15 Short further education, n=49 Medium further education, n=89 Long further education, n=71 Missing, n=1092  W1b_f20_danmark97: Primary School, n=88 Secondary school, n=16 EFG basic, n=11 Semi-skilled worker, n=3 EFG 2. part, n=8 Apprentice, n=96 Under education, n=1 Basic exam, n=15 Short further education,	Compulsory education (0)	If [W1a_f20_danmark97 OR W1b_f20_danmark97] = Primary School OR Secondary school	n=247
Any post-compulsory education (1)	If [W1a_f20_danmark97 OR W1b_f20_danmark97] = any additional education	n=648			
Missing (999)	If [W1a_f20_danmark97 AND W1b_f20_danmark97] = missing	n=723			

		n=36 Medium further education, n=51 Long further education, n=44 Missing, n=1249			
EYHS Denmark Wave: 2	Var' name(s): W2a_f20_danmark03 W2c_f20_danmark03  Mother reported Highest level of schooling	W2a_f20_danmark03: Elementary school (8th-10th grade) , n=84 Gymnasium education, n=11 Vocational education, n=131 Short further education, n=35 Medium further education, n=79 Long further education, n=67 Missing, n=1211  W2c_f20_danmark03: Elementary school (8th-10th grade) , n=64 Gymnasium education, n=16 Vocational education, n=151 Short further education, n=46 Medium further education, n=82 Long further education, n=52 Missing, n=1207	Compulsory education (0)	If [W2a_f20_danmark03 OR W2c_f20_danmark03] = Elementary school (8th-10th grade)	n=148
			Any post-compulsory education (1)	If [W2a_f20_danmark03 OR W2c_f20_danmark03] = any additional education	n=670
			Missing (999)	If [W2a_f20_danmark03 AND W2c_f20_danmark03] = missing	n=800
EYHS Denmark Wave: 3	Var' name: W3c_father_education  Mother reported	Elementary school (8th-10th grade), n=40 Gymnasium education,	Compulsory education (0)	If [W3c_father_education] = Elementary school (8th-10th grade)	n=40

	Highest level of schooling	n=11 Vocational education, n=104 Short further education, n=26 Medium further education, n=72 Long further education, n=42 Missing, n=1323		Any post- compulsory education (1)	If [W3c_father_education] = any additional education	n=255
				Missing (999)	If [W3c_father_education] = missing	n=1323
EYHS Estonia	Var' name: f20_estonia  Mother reported Highest level of schooling	8 years or less (basic education) , n=82 11 years = secondary education, n=268 11 to 13 years= specialised secondary or vocational or professional secondary, n=301 Higher not graduated, n=44 Higher education, n=275 Missing, n=204		Compulsory education (0)	If [f20_estonia] = 8 years or less (basic education) OR 11 years = secondary education	n=350
				Any post- compulsory education (1)	If [f20_estonia] =11 to 13 years= specialised secondary or vocational or professional secondary OR Higher not graduated OR Higher education	n=620
				Missing (999)	If [f20_estonia] = missing	n=204
EYHS Norway Wave: 1	Var' name: f20_norway  Mother reported Highest level of schooling	Primary school, n=66 Secondary school, n=175 University/Norwegian folk school, n=356 Other, n=32 Missing, n=125		Compulsory education (0)	If [f20_norway] = Primary school OR Secondary school	n=241
				Any post- compulsory education (1)	If [f20_norway] = University/Norwegian folk school	n=356
				Missing (999)	If [f20_norway] = Other OR Missing	n=157
EYHS Portugal Wave: 1	Var' name: W1_f20_portugal  Mother reported Highest level of schooling	Never attend school, n=42 1st grade, n=21 2nd grade, n=28 3th grade, n=53 4th grade, n=546		Compulsory education (0)	If [W1_f20_portugal] = 12 <sup>th</sup> grade or less	n=963
				Any post- compulsory education (1)	If [W1_f20_portugal] = BS(three years at the university) OR Licenciature (five ys at the university) OR Master	n=23



		5th grade, n=23 6th grade, n=91 7th grade, n=24 8th grade, n=26 9th grade, n=53 10th grade, n=10 11th grade, n=23 12th grade, n=23 BS(three years at the university), n=9 Licenciature (five ys at the university), n=13 Master, n=1 Ph.D., n=0 Missing, n=644		Missing (999)	If [W1_f20_portugal] = missing	n=644
HEAPS Wave: 1	Var' name: W1_FatherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=2 Primary school, n=10 Some high school, n=257 Completed high school, n=243 Technical/trade school certificated/apprenticeship, n=354 University/tertiary qualification, n=443 Missing, n=253		Compulsory education (0)	If [W1_FatherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=512
				Any post-compulsory education (1)	If [W1_FatherEducation] = Technical/trade school certificated/apprenticeship OR University/tertiary qualification	n=797
				Missing (999)	If [W1_FatherEducation] = missing	n=253
HEAPS Wave: 2	Var' name: W2_FatherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=0 Primary school, n=2 Some high school, n=51 Completed high school, n=45 Technical/trade school certificated/apprenticeship, n=106 University/tertiary		Compulsory education (0)	If [W2_FatherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=98
				Any post-compulsory education (1)	If [W2_FatherEducation] = Technical/trade school certificated/apprenticeship OR University/tertiary qualification	n=235

		qualification, n=129 Missing/not coded, n=1229		Missing (999)	If [W2_FatherEducation] = missing	n=1229
NHANES 2003-04	Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)  *HRP = household reference person  Reported by HRP Highest level of schooling received  See study specific notes for details on HRP and derivation of Mother/Father variables	dmdhredu: Less than 9 <sup>th</sup> grade, n=1286 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=1727 High school grad – GED or equivalent, n=2529 Some college or AA degree, n=2625 College graduate or above, n=1534 Refused, n=14 Don't know, n=53 Missing, n=354  dmdhsedu: Less than 9 <sup>th</sup> grade, n=748 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=765 High school grad – GED or equivalent, n=1336 Some college or AA degree, n=1494 College graduate or above, n=1001 Refused, n=15 Don't know, n=22 Missing, n=4741		Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=1890
				Any post- compulsory education (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree OR College graduate or above	n=1363
				Missing (999)	If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=6869

NHANES 2005-06	<p>Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)</p> <p>*HRP = household reference person</p> <p>Reported by HRP Highest level of schooling received</p> <p>See study specific notes for details on HRP and derivation of Mother/Father variables</p>	<p>dmdhredu: Less than 9<sup>th</sup> grade, n=1279 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=1707 High school grad – GED or equivalent, n=2408 Some college or AA degree, n=2756 College graduate or above, n=1811 Refused, n=10 Don't know, n=55 Missing, n=322</p> <p>dmdhsedu: Less than 9<sup>th</sup> grade, n=793 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=723 High school grad – GED or equivalent, n=1243 Some college or AA degree, n=1522 College graduate or above, n=1249 Refused, n=4 Don't know, n=20 Missing, n=4794</p>	Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=2023
			Any post-compulsory education (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree OR College graduate or above	n=1574
			Missing (999)	If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=6751
IBDS Wave: 1	<p>Var' name: W1_FatherEduc_1993</p> <p>Parent reported Highest level of education achieved</p>	<p>Not finished high school, n=12 High school diploma or GED, n=114 Some college, n=64 2yrs college degree, n=63 4yrs college degree, n=115 Grad or Prof school,</p>	Compulsory education (0)	If [W1_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=126
			Any post-compulsory education (1)	If [W1_FatherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=300
			Missing (999)	If [W1_FatherEduc_1993] = missing	n=202

		n=58 Missing, n=202				
IBDS Wave: 2	Var' name: W2_FatherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=12 High school diploma or GED, n=148 Some college, n=83 2yrs college degree, n=75 4yrs college degree, n=137 Grad or Prof school, n=80 Missing, n=93		Compulsory education (0)	If [W2_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=160
				Any post- compulsory education (1)	If [W2_FatherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=375
				Missing (999)	If [W2_FatherEduc_1993] = missing	n=93
IBDS Wave: 3	Var' name: W3_FatherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=10 High school diploma or GED, n=132 Some college, n=85 2yrs college degree, n=68 4yrs college degree, n=131 Grad or Prof school, n=77 Missing, n=125		Compulsory education (0)	If [W3_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=142
				Any post- compulsory education (1)	If [W3_FatherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=361
				Missing (999)	If [W3_FatherEduc_1993] = missing	n=125
IBDS Wave: 4	Var' name: W4_FatherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=10 High school diploma or GED, n=120 Some college, n=76 2yrs college degree, n=56 4yrs college degree,		Compulsory education (0)	If [W4_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=130
				Any post- compulsory education (1)	If [W4_FatherEduc_1993] = Some college OR 2yrs college degree OR 4yrs college degree OR Grad or Prof school	n=328

		n=126 Grad or Prof school, n=70 Missing, n=170		Missing (999)	If [W4_FatherEduc_1993] = missing	n=170
KISS Wave: 1	Var' name: edu_father  Respondent not known (most likely parent reported) Level of education	No professional education, n=65 Apprenticeship 2-4 years, n=204 University or fachhochschule, n=199 Missing, n=72		Compulsory education (0)	If [edu_father] = No professional education	n=65
				Any post-compulsory education (1)	If [edu_father] = Apprenticeship 2-4 years OR University or fachhochschule	n=403
				Missing (999)	If [edu_father] = missing	n=72
PEACH Wave: 1	Var' name: W1_FatherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=24 GCE A level/AS level, n=4 First degree eg BSc, Bed, n=22 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=16 Other academic qualifications, n=8 Missing, n=1233		Compulsory education (0)	If [W1_FatherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=24
				Any post-compulsory education (1)	If [W1_FatherEd] = GCE A level/AS level OR first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD OR other academic qualifications	n=50
				Missing (999)	If [W1_FatherEd] = missing	n=1233
PEACH Wave: 2	Var' name: W2_FatherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=15 GCE A level/AS level, n=3 First degree eg BSc, Bed, n=5 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=18 Other academic qualifications, n=6 Missing, n=1260		Compulsory education (0)	If [W2_FatherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=15
				Any post-compulsory education (1)	If [W2_FatherEd] = GCE A level/AS level OR first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD OR other academic qualifications	n=32
				Missing (999)	If [W2_FatherEd] = missing	n=1260

SPEEDY Wave: 1	Var' name: W1_ses_edu_Father W1_ses_agefte_Father*  Parent reported Qualifications held  *Variable indicates age of leaving full-time education (parent- reported). Data from W1_ses_agefte_Father were used where data from W1_ses_edu_Father was missing. Number of responses imputed: n=3 See 'study specific notes' for more information	None or school leaving certificate, n=14 GCSE or equivalent, n=50 Vocational training – lower, n=48 A-levels or equivalent, n=32 Vocational training – higher, n=14 University postgraduate degree, n=49 Missing, n=1857	Compulsory education (0)	If [W1_ses_edu_Father] = None or school leaving certificate OR GCSE or equivalent	n=66
			Any post- compulsory education (1)	If [W1_ses_edu_Father] = Vocational training – lower OR A-levels or equivalent OR Vocational training – higher OR University postgraduate degree	n=144
			Missing (999)	If [W1_ses_edu_Father] = missing	n=1854
TAAG Wave: 1	Var' name: W1_msqaa4a  Child reported Highest school grade completed	Did not finish high school, n=128 Finished high school (or passed the test that is equal to a high school diploma (GED), n=211 Went to vocational school (computer/electrician/me- chanic), n=41 Took some college (but did not graduate), n=103 Graduated from a college or university, n=345 Has professional training beyond a 4-year college degree, n=180 Don t know, n=657 Missing / code missing, n=5937	Compulsory education (0)	If [W1_msqaa4a] = Did not finish high school OR Finished high school (or passed the test that is equal to a high school diploma (GED))	n=339
			Any post- compulsory education (1)	If [W1_msqaa4a] = Went to vocational school (computer/electrician/mechanic) OR Took some college (but did not graduate) OR Graduated from a college or university OR Has professional training beyond a 4- year college degree	n=669
			Missing (999)	If [W1_msqaa4a] = Don t know OR Missing	n=6594

TAAG Wave: 2	Var' name: W2_msqba4a  Child reported Highest school grade completed	Did not finish high school, n=302 Finished high school (or passed the test that is equal to a high school diploma (GED), n=473 Went to vocational school (computer/electrician/mechanic), n=98 Took some college (but did not graduate), n=303 Graduated from a college or university, n=710 Has professional training beyond a 4-year college degree, n=517 Don t know, n=986 Missing, n=4213	Compulsory education (0)	If [W2_msqba4a] = Did not finish high school OR Finished high school (or passed the test that is equal to a high school diploma (GED))	n=775
			Any post-compulsory education (1)	If [W2_msqba4a] = Went to vocational school (computer/electrician/mechanic) OR Took some college (but did not graduate) OR Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1628
			Missing (999)	If [W2_msqba4a] = Don t know OR Missing	n=5199
TAAG Wave: 3	Var' name: W3_msqba4a  Child reported Highest school grade completed	Did not finish high school, n=305 Finished high school (or passed the test that is equal to a high school diploma (GED), n=534 Went to vocational school (computer/electrician/mechanic), n=97 Took some college (but did not graduate), n=285 Graduated from a college or university, n=728 Has professional training beyond a 4-year college degree, n=522 Don t know, n=974 Missing, n=4157	Compulsory education (0)	If [W3_msqba4a] = Did not finish high school OR Finished high school (or passed the test that is equal to a high school diploma (GED))	n=839
			Any post-compulsory education (1)	If [W3_msqba4a] = Went to vocational school (computer/electrician/mechanic) OR Took some college (but did not graduate) OR Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1632
			Missing (999)	If [W3_msqba4a] = Don t know OR Missing	n=5131

## **Mother education – harmonisation table**

**Construct:** Mother education

**Variable:** ICAD\_MotherEducation2

**Coding:** Up to and including completion of compulsory education (coded 0) / Some post-compulsory education or vocational training (1) / Completed undergraduate or postgraduate education (2) / Missing (999)

Study / Wave	Source data		Harmonisation		
	Variable(s): name(s), respondent, description	Summary	Category	Processing	Summary
ALSPAC Wave: 1	Var' name: n4000 (CSE or GCSE (D E F or G)) n4001 (O-level or GCSE (A B or C)) n4002 (A-level) n4003 (Qualifications in shorthand/typing/or other skills) n4004 (Apprenticeship) n4005 (State enrolled nurse) n4006 (State registered nurse) n4007 (City & Guilds intermediate technical) n4008 (City & Guilds final technical) n4009 (City & Guilds full technical) n4010 (Teaching qualification) n4011 (University degree) n4012 (No qualifications) n4013 (Qualifications not known) n4015 (Other (please describe))  Mother reported Qualifications attained Assessed when child was age 8y	n4000, 'yes', n=3088	Compulsory education (0)	CSE / O-level / GCSE qualifications OR No qualifications	n=1230
		n4001, 'yes', n=4387			
		n4002, 'yes', n=2077	Some post-compulsory or vocational training (1)	A-level OR Qualifications in shorthand/typing/or other skills OR Apprenticeship OR State enrolled nurse OR State registered nurse OR City & Guilds intermediate technical OR City & Guilds final technical OR City & Guilds full technical	n=2829
		n4003, 'yes', n=2327			
		n4004, 'yes', n=133			
n4005, 'yes', n=111	Undergraduate or postgraduate (2)	Teaching qualification OR University degree OR	n=1324		
n4006, 'yes', n=438					
n4007, 'yes', n=237					
n4008, 'yes', n=53					
n4009, 'yes', n=107	Missing (999)	Qualifications not known OR Other OR Missing	n=10060		
n4010, 'yes', n=592					
n4011, 'yes', n=1096					
n4012, 'yes', n=137					
n4013, 'yes', n=33					
n4015, 'yes', n=983					
Ballabeina Wave: 2	Var' name: W2_b_education_mother  Mother reported Training completed Measured at second wave of assessment (post-intervention)	University or high school, n=110	Compulsory education (0)	If [W2_b_education_mother] = No complete school education OR Obligatory school-9 years	n=170
		Maturity or cader position without university, n=83			
		2-4y apprenticeship, n=237	Some post-compulsory or vocational	If [W2_b_education_mother] = Maturity or cader position without university OR 2-4y apprenticeship	n=320
		Obligatory school-9			



		years, n=147 No complete school education, n=23 Missing, n=296	training (1)		
			Undergraduate or postgraduate (2)	If [W2_b_education_mother] = University or high school	n=110
			Missing (999)	If [W2_b_education_mother] = missing	n=296
Belgian Preschool 1	Var' name: education_Ma Parent (self or proxy) reported Highest attained qualification	No diploma, n=5 Primary education , n=2 Special primary education, n=0 Special secondary education, n=0 Third year secondary vocational education, n=5 Third year secondary Technical or artistic education, n=1 Third year general secondary education, n=0 Sixth year secondary vocational education, n=28 Sixth year of secondary technical or artistic education, n=31 Six years of secondary general education, n=8 Higher college education - short type, n=70 Higher college education - long type, n=9 Higher college education - University, n=15 Other, n=4 Unknown, n=0 Missing, n=146	Compulsory education (0)	If [education_Ma] = No diploma OR Primary education OR Third year secondary vocational education OR Sixth year secondary vocational education OR Sixth year of secondary technical or artistic education OR Six years of secondary general education	n=80
			Some post-compulsory or vocational training (1)	If [education_Ma] = Higher college education - short type	n=70
			Undergraduate or postgraduate (2)	If [education_Ma] = Higher college education - long type OR Higher college education - University	n=24
			Missing (999)	If [education_Ma] = Missing OR Other	n=150
CHAMPS US	Var' name: moth_ed	Attends or has attended high school, n=15	Compulsory education (0)	If [moth_ed] = Attends or has attended high school OR Completed high school	n=110

	Parent (self or proxy) reported Highest level of education completed	Completed high school, n=95 Attends or has attended college or technical school, n=155 Completed college or technical school, n=158 Attends or has attended graduate school, n=22 Completed graduate school, n=46 Missing, n=79		Some post-compulsory or vocational training (1)	If [moth_ed] = Attends or has attended college or technical school OR Completed college or technical school	n=313
				Undergraduate or postgraduate (2)	If [moth_ed] = Attends or has attended graduate school OR Completed graduate school	n=68
				Missing (999)	If [moth_ed] = missing	n=79
CLAN Wave: 1	Var' name: W1_Mother_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=6 Primary school, n=12 Some high school, n=309 Completed high school, n=309 Technical or trade school certificate, n=114 University or tertiary qualification, n=411 Missing or na, n=59		Compulsory education (0)	If [W1_Mother_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=636
				Some post-compulsory or vocational training (1)	If [W1_Mother_HighestEd] = Technical or trade school certificate	n=114
				Undergraduate or postgraduate (2)	If [W1_Mother_HighestEd] = University or tertiary qualification	n=411
				Missing (999)	If [W1_Mother_HighestEd] = missing	n=59
CLAN Wave: 2	Var' name: W2_Mother_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=1 Primary school, n=1 Some high school, n=130 Completed high school, n=139 Technical or trade school certificate, n=49 University or tertiary qualification, n=247 Missing or na, n=653		Compulsory education (0)	If [W2_Mother_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=271
				Some post-compulsory or vocational training (1)	If [W2_Mother_HighestEd] = Technical or trade school certificate	n=49
				Undergraduate or postgraduate (2)	If [W2_Mother_HighestEd] = University or tertiary qualification	n=247

			Missing (999)	If [W2_Mother_HighestEd] = missing	n=653
CLAN Wave: 3	Var' name: W3_Mother_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=0 Primary school, n=2 Some high school, n=96 Completed high school, n=116 Technical or trade school certificate, n=43 University or tertiary qualification, n=218 Missing or na, n=745	Compulsory education (0)	If [W3_Mother_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=214
			Some post- compulsory or vocational training (1)	If [W3_Mother_HighestEd] = Technical or trade school certificate	n=43
			Undergraduate or postgraduate (2)	If [W3_Mother_HighestEd] = University or tertiary qualification	n=218
			Missing (999)	If [W3_Mother_HighestEd] = missing	n=745
EYHS Denmark Wave: 1	Var' name(s): W1a_m20_danmark97, W1b_m20_danmark97  Mother reported  Highest level of schooling	W1a_m20_danmark97: Primary School, n=112 Secondary school, n=65 EFG basic, n=32 Semi-skilled worker, n=0 EFG 2. part, n=44 Apprentice, n=41 Under education, n=9 Basic exam, n=31 Short further education, n=71 Medium further education, n=103 Long further education, n=40 Missing, n=1070  W1b_m20_danmark97: Primary School, n=80 Secondary school, n=40 EFG basic, n=18 Semi-skilled worker, n=0	Compulsory education (0)	If [W1a_m20_danmark97 OR W1b_m20_danmark97] = Primary School OR Secondary school	n=297
			Some post- compulsory or vocational training (1)	If [W1a_m20_danmark97 OR W1b_m20_danmark97] = EFG basic OR Semi-skilled worker OR EFG 2. Part OR Apprentice OR Under education OR Basic exam OR Short further education	n=405
			Undergraduate or postgraduate (2)	If [W1a_m20_danmark97 OR W1b_m20_danmark97] = Medium further education OR Long further education	n=236
			Missing (999)	If [W1a_m20_danmark97 AND W1b_m20_danmark97] = missing	n=680

		EFG 2. part, n=23 Apprentice, n=31 Under education, n=3 Basic exam, n=31 Short further education, n=71 Medium further education, n=75 Long further education, n=18 Missing, n=1128			
EYHS Denmark Wave: 2	Var' name(s): W2a_m20_danmark03 W2c_m20_danmark03  Mother reported  Highest level of schooling	W2a_m20_danmark03: Elementary school (8th-10th grade) , n=70 Gymnasium education, n=20 Vocational education, n=102 Short further education, n=67 Medium further education, n=128 Long further education, n=36 Missing, n=1195  W2c_m20_danmark03: Elementary school (8th-10th grade) , n=45 Gymnasium education, n=18 Vocational education, n=99 Short further education, n=64 Medium further education, n=155 Long further education, n=41 Missing, n=1196	Compulsory education (0)	If [W2a_m20_danmark03 OR W2c_m20_danmark03] = Elementary school (8th-10th grade)	n=115
			Some post-compulsory or vocational training (1)	If [W2a_m20_danmark03 OR W2c_m20_danmark03] = Gymnasium education OR Vocational education OR Short further education	n=370
			Undergraduate or postgraduate (2)	If [W2a_m20_danmark03 OR W2c_m20_danmark03] = Medium further education OR Long further education	n=360
			Missing (999)	If [W2a_m20_danmark03 AND W2c_m20_danmark03] = missing	n=773

EYHS Denmark Wave: 3	Var' name: W3c_mother_education  Mother reported  Highest level of schooling	Elementary school (8th-10th grade), n=29 Gymnasium education, n=12 Vocational education, n=64 Short further education, n=43 Medium further education, n=126 Long further education, n=39 Missing, n=1305	Compulsory education (0)	If [W3c_mother_education] = Elementary school (8th-10th grade)	n=29
			Some post-compulsory or vocational training (1)	If [W3c_mother_education] = Gymnasium education OR Vocational education OR Short further education	n=119
			Undergraduate or postgraduate (2)	If [W3c_mother_education] = Medium further education OR Long further education	n=165
			Missing (999)	If [W3c_mother_education] = missing	n=1305
EYHS Estonia	Var' name: m20_estonia  Mother reported Highest level of schooling	8 years or less (basic education) , n=44 11 years = secondary education, n=287 11 to 13 years= specialised secondary or vocational or professional secondary, n=367 Higher not graduated, n=56 Higher education, n=316 Missing, n=104	Compulsory education (0)	If [m20_estonia] = 8 years or less (basic education) OR 11 years = secondary education	n=331
			Some post-compulsory or vocational training (1)	If [m20_estonia] = 11 to 13 years= specialised secondary or vocational or professional secondary OR Higher not graduated	n=423
			Undergraduate or postgraduate (2)	If [m20_estonia] = Higher education	n=316
			Missing (999)	If [m20_estonia] = missing	n=104
HEAPS Wave: 1	Var' name: W1_MotherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=4 Primary school, n=8 Some high school, n=352 Completed high school, n=437 Technical/trade school certificated/apprenticeship, n=172	Compulsory education (0)	If [W1_MotherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=801
			Some post-compulsory or vocational	If [W1_MotherEducation] = Technical/trade school certificated/apprenticeship	n=172

		p, n=172 University/tertiary qualification, n=542 Missing, n=47	training (1)		
			Undergraduate or postgraduate (2)	If [W1_MotherEducation] = University/tertiary qualification	n=542
			Missing (999)	If [W1_MotherEducation] = missing	n=47
HEAPS Wave: 2	Var' name: W2_MotherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=0 Primary school, n=0 Some high school, n=69 Completed high school, n=90 Technical/trade school certificated/apprenticeship, n=46 University/tertiary qualification, n=173 Missing/not coded, n=1184	Compulsory education (0)	If [W2_MotherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=159
			Some post-compulsory or vocational training (1)	If [W2_MotherEducation] = Technical/trade school certificated/apprenticeship	n=46
			Undergraduate or postgraduate (2)	If [W2_MotherEducation] = University/tertiary qualification	n=173
			Missing (999)	If [W2_MotherEducation] = missing	n=1184
IBDS Wave: 1	Var' name: W1_MotherEduc_1993  Parent reported Highest level of education achieved	Not finished high school, n=13 High school diploma or GED, n=82 Some college, n=86 2yrs college degree, n=74 4yrs college degree, n=121 Grad or Prof school, n=73 Missing, n=179	Compulsory education (0)	If [W1_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=95
			Some post-compulsory or vocational training (1)	If [W1_MotherEduc_1993] = Some college OR 2yrs college degree	n=160
			Undergraduate or postgraduate (2)	If [W1_MotherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=194
			Missing (999)	If [W1_MotherEduc_1993] = missing	n=179
IBDS Wave: 2	Var' name: W2_MotherEduc_1993  Parent reported	Not finished high school, n=12 High school diploma or	Compulsory education (0)	If [W2_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=117

	Highest level of education achieved	GED, n=105 Some college, n=110 2yrs college degree, n=94 4yrs college degree, n=152 Grad or Prof school, n=96 Missing, n=59		Some post-compulsory or vocational training (1)	If [W2_MotherEduc_1993] = Some college OR 2yrs college degree	n=204
				Undergraduate or postgraduate (2)	If [W2_MotherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=248
				Missing (999)	If [W2_MotherEduc_1993] = missing	n=59
IBDS Wave: 3	Var' name: W3_MotherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=11 High school diploma or GED, n=94 Some college, n=107 2yrs college degree, n=84 4yrs college degree, n=151 Grad or Prof school, n=89 Missing, n=92		Compulsory education (0)	If [W3_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=105
				Some post-compulsory or vocational training (1)	If [W3_MotherEduc_1993] = Some college OR 2yrs college degree	n=191
				Undergraduate or postgraduate (2)	If [W3_MotherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=240
				Missing (999)	If [W3_MotherEduc_1993] = missing	n=92
IBDS Wave: 4	Var' name: W4_MotherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=12 High school diploma or GED, n=84 Some college, n=94 2yrs college degree, n=73 4yrs college degree, n=141 Grad or Prof school, n=85 Missing, n=139		Compulsory education (0)	If [W4_MotherEduc_1993] = Not finished high school OR High school diploma or GED	n=96
				Some post-compulsory or vocational training (1)	If [W4_MotherEduc_1993] = Some college OR 2yrs college degree	n=167
				Undergraduate or postgraduate (2)	If [W4_MotherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=226

				Missing (999)	If [W4_MotherEduc_1993] = missing	n=139
NHANES 2003-04	<p>Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)</p> <p>*HRP = household reference person</p> <p>Reported by HRP Highest level of schooling received</p> <p>See study specific notes for details on HRP and derivation of Mother/Father variables</p>	<p>dmdhredu: Less than 9<sup>th</sup> grade, n=1286 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=1727 High school grad – GED or equivalent, n=2529 Some college or AA degree, n=2625 College graduate or above, n=1534 Refused, n=14 Don't know, n=53 Missing, n=354</p> <p>dmdhsedu: Less than 9<sup>th</sup> grade, n=748 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=765 High school grad – GED or equivalent, n=1336 Some college or AA degree, n=1494 College graduate or above, n=1001 Refused, n=15 Don't know, n=22 Missing, n=4741</p>		Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=2729
				Some post-compulsory or vocational training (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree	n=1339
				Undergraduate or postgraduate (2)	If [dmdhredu OR dmdhsedu] = College graduate or above	n=653
				Missing (999)	If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=5401
NHANES 2005-06	<p>Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)</p>	<p>dmdhredu: Less than 9<sup>th</sup> grade, n=1279 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma),</p>		Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=2595



	*HRP = household reference person  Reported by HRP Highest level of schooling received  See study specific notes for details on HRP and derivation of Mother/Father variables	n=1707 High school grad – GED or equivalent, n=2408 Some college or AA degree, n=2756 College graduate or above, n=1811 Refused, n=10 Don't know, n=55 Missing, n=322  dmdhsedu: Less than 9 <sup>th</sup> grade, n=793 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma), n=723 High school grad – GED or equivalent, n=1243 Some college or AA degree, n=1522 College graduate or above, n=1249 Refused, n=4 Don't know, n=20 Missing, n=4794	Some post-compulsory or vocational training (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree	n=1429
			Undergraduate or postgraduate (2)	If [dmdhredu OR dmdhsedu] = College graduate or above	n=844
			Missing (999)	If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=5480
KISS Wave: 1	Var' name: edu_mother  Respondent not known (most likely parent reported) Level of education	No professional education, n=93 Apprenticeship 2-4 years, n=251 University or fachhochschule, n=137 Missing, n=59	Compulsory education (0)	If [edu_mother] = No professional education	n=93
			Some post-compulsory or vocational training (1)	If [edu_mother] = Apprenticeship 2-4 years	n=251
			Undergraduate or postgraduate (2)	If [edu_mother] = University or fachhochschule	n=137
			Missing (999)	If [edu_mother] = missing	n=59
PEACH Wave: 1	Var' name: W1_MotherEd	GCE O-Level passes/GCSE A-G/CSE	Compulsory education (0)	If [W1_MotherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=310

	Mother reported Highest level of education	grade 1-5, n=310 GCE A level/AS level, n=85 First degree eg BSc, Bed, n=112 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=78 Other academic qualifications, n=69 Missing, n=653		Some post- compulsory or vocational training (1)	If [W1_ MotherEd] = GCE A level/AS level OR other academic qualifications	n=154
				Undergraduate or postgraduate (2)	If [W1_ MotherEd] = first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD	n=190
				Missing (999)	If [W1_ MotherEd] = missing	n=653
PEACH Wave: 2	Var' name: W2_ MotherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=185 GCE A level/AS level, n=48 First degree eg BSc, Bed, n=72 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=52 Other academic qualifications, n=37 Missing, n=913		Compulsory education (0)	If [W2_ MotherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=185
				Some post- compulsory or vocational training (1)	If [W2_ MotherEd] = GCE A level/AS level OR other academic qualifications	n=85
				Undergraduate or postgraduate (2)	If [W2_ MotherEd] = first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD	n=124
				Missing (999)	If [W2_ MotherEd] = missing	n=913
SPEEDY Wave: 1	Var' name: W1_ses_edu_Mother W1_ses_agefte_Mother*  Parent reported Qualifications held  *Data from W1_ses_agefte_Mother were used where data from W1_ses_edu_Mother was missing. Number of responses imputed: n=24 See 'study specific notes' for more information	None or school leaving certificate, n=115 GCSE or equivalent, n=531 Vocational training - lower, n=310 A-levels or equivalent, n=351 Vocational training - higher, n=47 University postgraduate degree, n=246 Missing, n=464		Compulsory education (0)	If [W1_ses_edu_Mother] = None or school leaving certificate OR GCSE or equivalent	n=665
				Some post- compulsory or vocational training (1)	If [W1_ses_edu_Mother] = Vocational training - lower OR A-levels or equivalent OR Vocational training - higher	n=709
				Undergraduate or postgraduate (2)	If [W1_ses_edu_Mother] = University postgraduate degree	n=250
				Missing (999)	If [W1_ses_edu_Mother] = missing	n=440

TAAG Wave: 1	Var' name: W1_msqaa4b  Child reported Highest school grade completed	Did not finish high school, n=119 Finished high school (or passed the test that is equal to a high school diploma (GED), n=244 Went to vocational school (computer/electrician/mechanic), n=23 Took some college (but did not graduate), n=171 Graduated from a college or university, n=407 Has professional training beyond a 4-year college degree, n=187 Don t know, n=510 Missing / code missing, n=5941	Compulsory education (0)	If [W1_msqaa4b] = Did not finish high school OR Finished high school	n=363	
			Some post-compulsory or vocational training (1)	If [W1_msqaa4b] = Went to vocational school OR Took some college	n=194	
			Undergraduate or postgraduate (2)	If [W1_msqaa4b] = Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=594	
			Missing (999)	If [W1_msqaa4b] = Don't know OR Missing	n=6451	
TAAG Wave: 2	Var' name: W2_msqba4b  Child reported Highest school grade completed	Did not finish high school, n=300 Finished high school (or passed the test that is equal to a high school diploma (GED), n=557 Went to vocational school (computer/electrician/mechanic), n=56 Took some college (but did not graduate), n=475 Graduated from a college or university, n=849 Has professional training beyond a 4-year college degree, n=487 Don t know, n=678 Missing, n=4200	Compulsory education (0)	If [W2_msqba4b] = Did not finish high school OR Finished high school	n=857	
			Some post-compulsory or vocational training (1)	If [W2_msqba4b] = Went to vocational school OR Took some college	n=531	
			Undergraduate or postgraduate (2)	If [W2_msqba4b] = Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1336	
			Missing (999)	If [W2_msqba4b] = Don't know OR Missing	n=4878	

TAAG Wave: 3	Var' name: W3_msqba4b Child reported Highest school grade completed	Did not finish high school, n=307 Finished high school (or passed the test that is equal to a high school diploma (GED), n=567 Went to vocational school (computer/electrician/mechanic), n=61 Took some college (but did not graduate), n=452 Graduated from a college or university, n=827 Has professional training beyond a 4-year college degree, n=529 Don't know, n=713 Missing, n=4146	Compulsory education (0)	If [W3_msqba4b] = Did not finish high school OR Finished high school	n=874
			Some post-compulsory or vocational training (1)	If [W3_msqba4b] = Went to vocational school OR Took some college	n=513
			Undergraduate or postgraduate (2)	If [W3_msqba4b] = Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1356
			Missing (999)	If [W3_msqba4b] = Don't know OR Missing	n=4859

## **Father education – harmonisation table**

**Construct:** Father education

**Variable:** ICAD\_FatherEducation2

**Coding:** Up to and including completion of compulsory education (coded 0) / Some post-compulsory education or vocational training (1) / Completed undergraduate or postgraduate education (2) / Missing (999)

Study / Wave	Source data		Harmonisation		
	Variable(s): name(s), respondent, description	Summary	Category	Processing	Summary
ALSPAC Wave: 1	Var' name: n4020 (CSE or GCSE (D E F or G)) n4021 (O-level or GCSE (A B or C)) n4022 (A-level) n4023 (Qualifications in shorthand/typing/or other skills) n4024 (Apprenticeship) n4025 (State enrolled nurse) n4026 (State registered nurse) n4027 (City & Guilds intermediate technical) n4028 (City & Guilds final technical) n4029 (City & Guilds full technical) n4030 (Teaching qualification) n4031 (University degree) n4032 (No qualifications) n4033 (Qualifications not known) n4035 (Other (please describe))  Mother reported Qualifications attained Assessed when child was age 8y	n4020, 'yes', n=2395	Compulsory education (0)	CSE / O-level / GCSE qualifications OR No qualifications	n=1263
		n4021, 'yes', n=3285			
		n4022, 'yes', n=1853	Some post-compulsory or vocational training (1)	A-level OR Qualifications in shorthand/typing/or other skills OR Apprenticeship OR State enrolled nurse OR State registered nurse OR City & Guilds intermediate technical OR City & Guilds final technical OR City & Guilds full technical	n=2091
		n4023, 'yes', n=212			
		n4024, 'yes', n=1210			
n4025, 'yes', n=7	Undergraduate or postgraduate (2)	Teaching qualification OR University degree OR	n=1380		
n4026, 'yes', n=37					
n4027, 'yes', n=568					
n4028, 'yes', n=349					
n4029, 'yes', n=576	Missing (999)	Qualifications not known OR Other OR Missing	n=10709		
n4030, 'yes', n=237					
n4031, 'yes', n=1328					
n4032, 'yes', n=228					
n4033, 'yes', n=149					
n4035, 'yes', n=698					
Ballabeina Wave: 2	Var' name: W2_b_education_father  Self or partner-proxy reported Training completed Measured at second wave of assessment (post-intervention)	University or high school, n=135	Compulsory education (0)	If [W2_b_education_father] = No complete school education OR Obligatory school-9 years	n=148
		Maturity or cader position without university, n=94			
		2-4y apprenticeship, n=216	Some post-compulsory or vocational	If [W2_b_education_father] = Maturity or cader position without university OR 2-4y apprenticeship	n=310
		Obligatory school-9			

		years, n=124 No complete school education, n=24 Missing, n=303	training (1)		
			Undergraduate or postgraduate (2)	If [W2_b_education_father] = University or high school	n=135
			Missing (999)	If [W2_b_education_father] = missing	n=303
Belgian Preschool 1	Var' name: education_Pa Parent (self or proxy) reported Highest attained qualification	No diploma, n=3 Primary education , n=0 Special primary education, n=0 Special secondary education, n=0 Third year secondary vocational education, n=6 Third year secondary Technical or artistic education, n=6 Third year general secondary education, n=0 Sixth year secondary vocational education, n=35 Sixth year of secondary technical or artistic education, n=52 Six years of secondary general education, n=6 Higher college education - short type, n=30 Higher college education - long type, n=6 Higher college education - University, n=25 Other, n=4 Unknown, n=0 Missing, n=151	Compulsory education (0)	If [education_Pa] = No diploma OR Primary education OR Third year secondary vocational education OR Sixth year secondary vocational education OR Sixth year of secondary technical or artistic education OR Six years of secondary general education	n=108
			Some post-compulsory or vocational training (1)	If [education_Pa] = Higher college education - short type	n=30
			Undergraduate or postgraduate (2)	If [education_Pa] = Higher college education - long type OR Higher college education - University	n=31
			Missing (999)	If [education_Pa] = Missing OR Other	n=155
CHAMPS	Var' name: fath_ed	Attends or has attended	Compulsory	If [fath_ed] = Attends or has attended	n=5

US	Parent (self or proxy) reported Highest level of education completed	high school, n=0 Completed high school, n=5 Attends or has attended college or technical school, n=8 Completed college or technical school, n=6 Attends or has attended graduate school, n=1 Completed graduate school, n=5 Missing, n=545	education (0)	high school OR Completed high school	
			Some post-compulsory or vocational training (1)	If [fath_ed] = Attends or has attended college or technical school OR Completed college or technical school	n=14
			Undergraduate or postgraduate (2)	If [fath_ed] = Attends or has attended graduate school OR Completed graduate school	n=6
			Missing (999)	If [fath_ed] = missing	n=545
CLAN Wave: 1	Var' name: W1_Father_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=5 Primary school, n=9 Some high school, n=237 Completed high school, n=152 Technical or trade school certificate, n=261 University or tertiary qualification, n=335 Missing or na, n=221	Compulsory education (0)	If [W1_Father_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=403
			Some post-compulsory or vocational training (1)	If [W1_Father_HighestEd] = Technical or trade school certificate	n=261
			Undergraduate or postgraduate (2)	If [W1_Father_HighestEd] = University or tertiary qualification	n=335
			Missing (999)	If [W1_Father_HighestEd] = missing	n=221
CLAN Wave: 2	Var' name: W2_Father_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=1 Primary school, n=0 Some high school, n=91 Completed high school, n=66 Technical or trade school certificate, n=121 University or tertiary qualification, n=188 Missing or na, n=753	Compulsory education (0)	If [W2_Father_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=158
			Some post-compulsory or vocational training (1)	If [W2_Father_HighestEd] = Technical or trade school certificate	n=121
			Undergraduate or postgraduate (2)	If [W2_Father_HighestEd] = University or tertiary qualification	n=188

				Missing (999)	If [W2_Father_HighestEd] = missing	n=753
CLAN Wave: 3	Var' name: W3_Father_HighestEd  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=1 Primary school, n=0 Some high school, n=65 Completed high school, n=57 Technical or trade school certificate, n=115 University or tertiary qualification, n=168 Missing or na, n=814		Compulsory education (0)	If [W3_Father_HighestEd] = Never attended school OR Primary school OR Some high school OR Completed high school	n=123
				Some post-compulsory or vocational training (1)	If [W3_Father_HighestEd] = Technical or trade school certificate	n=115
				Undergraduate or postgraduate (2)	If [W3_Father_HighestEd] = University or tertiary qualification	n=168
				Missing (999)	If [W3_Father_HighestEd] = missing	n=814
EYHS Denmark Wave: 1	Var' name(s): W1a_f20_danmark97 W1b_f20_danmark97  Mother reported Highest level of schooling	W1a_f20_danmark97: Primary School, n=117 Secondary school, n=26 EFG basic, n=19 Semi-skilled worker, n=6 EFG 2. part, n=10 Apprentice, n=120 Under education, n=4 Basic exam, n=15 Short further education, n=49 Medium further education, n=89 Long further education, n=71 Missing, n=1092  W1b_f20_danmark97: Primary School, n=88 Secondary school, n=16 EFG basic, n=11		Compulsory education (0)	If [W1a_f20_danmark97 OR W1b_f20_danmark97] = Primary School OR Secondary school	n=247
				Some post-compulsory or vocational training (1)	If [W1a_f20_danmark97 OR W1b_f20_danmark97] = EFG basic OR Semi-skilled worker OR EFG 2. Part OR Apprentice OR Under education OR Basic exam OR Short further education	n=393
				Undergraduate or postgraduate (2)	If [W1a_f20_danmark97 OR W1b_f20_danmark97] = Medium further education OR Long further education	n=255
				Missing (999)	If [W1a_f20_danmark97 AND W1b_f20_danmark97] = missing	n=723



		<p>Semi-skilled worker, n=3  EFG 2. part, n=8  Apprentice, n=96  Under education, n=1  Basic exam, n=15  Short further education, n=36  Medium further education, n=51  Long further education, n=44  Missing, n=1249</p>			
EYHS Denmark Wave: 2	<p>Var' name(s):  W2a_f20_danmark03  W2c_f20_danmark03</p> <p>Mother reported  Highest level of schooling</p>	<p>W2a_f20_danmark03:  Elementary school (8th-10th grade) , n=84  Gymnasium education, n=11  Vocational education, n=131  Short further education, n=35  Medium further education, n=79  Long further education, n=67  Missing, n=1211</p> <p>W2c_f20_danmark03:  Elementary school (8th-10th grade) , n=64  Gymnasium education, n=16  Vocational education, n=151  Short further education, n=46  Medium further education, n=82  Long further education, n=52</p>	<p>Compulsory education (0)</p> <p>Some post-compulsory or vocational training (1)</p> <p>Undergraduate or postgraduate (2)</p> <p>Missing (999)</p>	<p>If [W2a_f20_danmark03 OR W2c_f20_danmark03] = Elementary school (8th-10th grade)</p> <p>If [W2a_f20_danmark03 OR W2c_f20_danmark03] = Gymnasium education OR Vocational education OR Short further education</p> <p>If [W2a_f20_danmark03 OR W2c_f20_danmark03] = Medium further education OR Long further education</p> <p>If [W2a_f20_danmark03 OR W2c_f20_danmark03] = missing</p>	<p>n=148</p> <p>n=390</p> <p>n=280</p> <p>n=800</p>

		Missing, n=1207			
EYHS Denmark Wave: 3	Var' name: W3c_father_education Mother reported Highest level of schooling	Elementary school (8th-10th grade), n=40 Gymnasium education, n=11 Vocational education, n=104 Short further education, n=26 Medium further education, n=72 Long further education, n=42 Missing, n=1323	Compulsory education (0)	If [W3c_father_education] = Elementary school (8th-10th grade)	n=40
			Some post-compulsory or vocational training (1)	If [W3c_father_education] = Gymnasium education OR Vocational education OR Short further education	n=141
			Undergraduate or postgraduate (2)	If [W3c_father_education] = Medium further education OR Long further education	n=114
			Missing (999)	If [W3c_father_education] = missing	n=1323
EYHS Estonia	Var' name: f20_estonia Mother reported Highest level of schooling	8 years or less (basic education) , n=82 11 years = secondary education, n=268 11 to 13 years= specialised secondary or vocational or professional secondary, n=301 Higher not graduated, n=44 Higher education, n=275 Missing, n=204	Compulsory education (0)	If [f20_estonia] = 8 years or less (basic education) OR 11 years = secondary education	n=350
			Some post-compulsory or vocational training (1)	If [f20_estonia] = 11 to 13 years= specialised secondary or vocational or professional secondary OR Higher not graduated	n=345
			Undergraduate or postgraduate (2)	If [f20_estonia] = Higher education	n=275
			Missing (999)	If [f20_estonia] = missing	n=204
HEAPS Wave: 1	Var' name: W1_FatherEducation	Never attended school, n=2	Compulsory education (0)	If [W1_FatherEducation] = Never attended school OR Primary school OR	n=512

	Parent (self or proxy) reported Highest level of schooling	Primary school, n=10 Some high school, n=257 Completed high school, n=243 Technical/trade school certificated/apprenticeship, n=354 University/tertiary qualification, n=443 Missing, n=253		Some high school OR Completed high school	
			Some post-compulsory or vocational training (1)	If [W1_FatherEducation] = Technical/trade school certificated/apprenticeship	n=354
			Undergraduate or postgraduate (2)	If [W1_FatherEducation] = University/tertiary qualification	n=443
			Missing (999)	If [W1_FatherEducation] = missing	n=253
HEAPS Wave: 2	Var' name: W2_FatherEducation  Parent (self or proxy) reported Highest level of schooling	Never attended school, n=0 Primary school, n=2 Some high school, n=51 Completed high school, n=45 Technical/trade school certificated/apprenticeship, n=106 University/tertiary qualification, n=129 Missing/not coded, n=1229	Compulsory education (0)	If [W2_FatherEducation] = Never attended school OR Primary school OR Some high school OR Completed high school	n=98
			Some post-compulsory or vocational training (1)	If [W2_FatherEducation] = Technical/trade school certificated/apprenticeship	n=106
			Undergraduate or postgraduate (2)	If [W2_FatherEducation] = University/tertiary qualification	n=129
			Missing (999)	If [W2_FatherEducation] = missing	n=1229
IBDS Wave: 1	Var' name: W1_FatherEduc_1993  Parent reported Highest level of education achieved	Not finished high school, n=12 High school diploma or GED, n=114 Some college, n=64 2yrs college degree, n=63 4yrs college degree, n=115 Grad or Prof school, n=58	Compulsory education (0)	If [W1_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=126
			Some post-compulsory or vocational training (1)	If [W1_FatherEduc_1993] = Some college OR 2yrs college degree	n=127
			Undergraduate or postgraduate (2)	If [W1_FatherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=173

		Missing, n=202		Missing (999)	If [W1_FatherEduc_1993] = missing	n=202
IBDS Wave: 2	Var' name: W2_FatherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=12 High school diploma or GED, n=148 Some college, n=83 2yrs college degree, n=75 4yrs college degree, n=137 Grad or Prof school, n=80 Missing, n=93		Compulsory education (0)	If [W2_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=160
				Some post- compulsory or vocational training (1)	If [W2_FatherEduc_1993] = Some college OR 2yrs college degree	n=158
				Undergraduate or postgraduate (2)	If [W2_FatherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=217
				Missing (999)	If [W2_FatherEduc_1993] = missing	n=93
IBDS Wave: 3	Var' name: W3_FatherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=10 High school diploma or GED, n=132 Some college, n=85 2yrs college degree, n=68 4yrs college degree, n=131 Grad or Prof school, n=77 Missing, n=125		Compulsory education (0)	If [W3_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=142
				Some post- compulsory or vocational training (1)	If [W3_FatherEduc_1993] = Some college OR 2yrs college degree	n=153
				Undergraduate or postgraduate (2)	If [W3_FatherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=208
				Missing (999)	If [W3_FatherEduc_1993] = missing	n=125
IBDS Wave: 4	Var' name: W4_FatherEduc_1993 Parent reported Highest level of education achieved	Not finished high school, n=10 High school diploma or GED, n=120 Some college, n=76 2yrs college degree, n=56 4yrs college degree, n=126 Grad or Prof school, n=70		Compulsory education (0)	If [W4_FatherEduc_1993] = Not finished high school OR High school diploma or GED	n=130
				Some post- compulsory or vocational training (1)	If [W4_FatherEduc_1993] = Some college OR 2yrs college degree	n=132
				Undergraduate or postgraduate (2)	If [W4_FatherEduc_1993] = 4yrs college degree OR Grad or Prof school	n=196

		Missing, n=170		Missing (999)	If [W4_FatherEduc_1993] = missing	n=170
NHANES 2003-04	<p>Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)</p> <p>*HRP = household reference person</p> <p>Reported by HRP Highest level of schooling received</p> <p>See study specific notes for details on HRP and derivation of Mother/Father variables</p>	<p>dmdhredu: Less than 9<sup>th</sup> grade, n=1286 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=1727 High school grad – GED or equivalent, n=2529 Some college or AA degree, n=2625 College graduate or above, n=1534 Refused, n=14 Don't know, n=53 Missing, n=354</p> <p>dmdhsedu: Less than 9<sup>th</sup> grade, n=748 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=765 High school grad – GED or equivalent, n=1336 Some college or AA degree, n=1494 College graduate or above, n=1001 Refused, n=15 Don't know, n=22 Missing, n=4741</p>		<p>Compulsory education (0)</p> <p>Some post-compulsory or vocational training (1)</p> <p>Undergraduate or postgraduate (2)</p> <p>Missing (999)</p>	<p>If [dmdhredu OR dmdhsedu] = Less than 9<sup>th</sup> grade OR 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent</p> <p>If [dmdhredu OR dmdhsedu] = Some college or AA degree</p> <p>If [dmdhredu OR dmdhsedu] = College graduate or above</p> <p>If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing</p>	<p>n=1890</p> <p>n=831</p> <p>n=532</p> <p>n=6869</p>

NHANES 2005-06	<p>Var' names: dmdhredu (HRP* education) dmdhsedu (HRP* spouse education)</p> <p>*HRP = household reference person</p> <p>Reported by HRP Highest level of schooling received</p> <p>See study specific notes for details on HRP and derivation of Mother/Father variables</p>	<p>dmdhredu: Less than 9<sup>th</sup> grade, n=1279 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=1707 High school grad – GED or equivalent, n=2408 Some college or AA degree, n=2756 College graduate or above, n=1811 Refused, n=10 Don't know, n=55 Missing, n=322</p> <p>dmdhsedu: Less than 9<sup>th</sup> grade, n=793 9-11<sup>th</sup> grade (inc. 12<sup>th</sup> grade with no diploma), n=723 High school grad – GED or equivalent, n=1243 Some college or AA degree, n=1522 College graduate or above, n=1249 Refused, n=4 Don't know, n=20 Missing, n=4794</p>	Compulsory education (0)	If [dmdhredu OR dmdhsedu] = Less than 9 <sup>th</sup> grade OR 9-11 <sup>th</sup> grade (inc. 12 <sup>th</sup> grade with no diploma) OR High school grad – GED or equivalent	n=2023
			Some post-compulsory or vocational training (1)	If [dmdhredu OR dmdhsedu] = Some college or AA degree	n=835
			Undergraduate or postgraduate (2)	If [dmdhredu OR dmdhsedu] = College graduate or above	n=739
			Missing (999)	If [] = If [dmdhredu AND/OR dmdhsedu] = Refused OR Don't know OR Missing	n=6751
KISS Wave: 1	<p>Var' name: edu_father</p> <p>Respondent not known (most likely parent reported) Level of education</p>	<p>No professional education, n=65 Apprenticeship 2-4 years, n=204 University or fachhochschule, n=199 Missing, n=72</p>	Compulsory education (0)	If [edu_father] = No professional education	n=65
			Some post-compulsory or vocational training (1)	If [edu_father] = Apprenticeship 2-4 years	n=204
			Undergraduate or postgraduate	If [edu_father] = University or fachhochschule	n=199

			(2)		
			Missing (999)	If [edu_father] = missing	n=72
PEACH Wave: 1	Var' name: W1_FatherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=24 GCE A level/AS level, n=4 First degree eg BSc, Bed, n=22 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=16 Other academic qualifications, n=8 Missing, n=1233	Compulsory education (0)	If [W1_FatherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=24
			Some post-compulsory or vocational training (1)	If [W1_FatherEd] = GCE A level/AS level OR other academic qualifications	n=12
			Undergraduate or postgraduate (2)	If [W1_FatherEd] = first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD	n=38
			Missing (999)	If [W1_FatherEd] = missing	n=1123
PEACH Wave: 2	Var' name: W2_FatherEd  Mother reported Highest level of education	GCE O-Level passes/GCSE A-G/CSE grade 1-5, n=15 GCE A level/AS level, n=3 First degree eg BSc, Bed, n=5 Higher degree eg MSc, MA, MBA, PGCE, PhD, n=18 Other academic qualifications, n=6 Missing, n=1260	Compulsory education (0)	If [W2_FatherEd] = GCE O-Level passes/GCSE A-G/CSE grade 1-5	n=15
			Some post-compulsory or vocational training (1)	If [W2_FatherEd] = GCE A level/AS level OR other academic qualifications	n=9
			Undergraduate or postgraduate (2)	If [W2_FatherEd] = first degree eg BSc, Bed OR higher degree eg MSc, MA, MBA, PGCE, PhD	n=23
			Missing (999)	If [W2_FatherEd] = missing	n=1260
SPEEDY Wave: 1	Var' name: W1_ses_edu_Father W1_ses_agefte_Father*  Parent reported Qualifications held  *Variable indicates age of leaving full-time education (parent-	None or school leaving certificate, n=14 GCSE or equivalent, n=50 Vocational training – lower, n=48 A-levels or equivalent, n=32 Vocational training –	Compulsory education (0)	If [W1_ses_edu_Father] = None or school leaving certificate OR GCSE or equivalent	n=66
			Some post-compulsory or vocational training (1)	If [W1_ses_edu_Father] = Vocational training – lower OR A-levels or equivalent OR Vocational training – higher	n=95
			Undergraduate	If [W1_ses_edu_Father] = University	n=49

	reported). Data from W1_ses_agefte_Father were used where data from W1_ses_edu_Father was missing. Number of responses imputed: n=3 See 'study specific notes' for more information	higher, n=14 University postgraduate degree, n=49 Missing, n=1857	or postgraduate (2)	postgraduate degree	
			Missing (999)	If [W1_ses_edu_Father] = missing	n=1854
TAAG Wave: 1	Var' name: W1_msqaa4a Child reported Highest school grade completed	Did not finish high school, n=128 Finished high school (or passed the test that is equal to a high school diploma (GED), n=211 Went to vocational school (computer/electrician/mechanic), n=41 Took some college (but did not graduate), n=103 Graduated from a college or university, n=345 Has professional training beyond a 4-year college degree, n=180 Don't know, n=657 Missing / code missing, n=5937	Compulsory education (0)	If [W1_msqaa4a] = Did not finish high school OR Finished high school	n=339
			Some post-compulsory or vocational training (1)	If [W1_msqaa4a] = Went to vocational school OR Took some college	n=144
			Undergraduate or postgraduate (2)	If [W1_msqaa4a] = Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=525
			Missing (999)	If [W1_msqaa4a] = Don't know OR Missing	n=6594
TAAG Wave: 2	Var' name: W2_msqba4a Child reported Highest school grade completed	Did not finish high school, n=302 Finished high school (or passed the test that is equal to a high school diploma (GED), n=473 Went to vocational school (computer/electrician/mechanic), n=98 Took some college (but did not graduate), n=303	Compulsory education (0)	If [W2_msqba4a] = Did not finish high school OR Finished high school	n=775
			Some post-compulsory or vocational training (1)	If [W2_msqba4a] = Went to vocational school OR Took some college	n=401



		Graduated from a college or university, n=710 Has professional training beyond a 4-year college degree, n=517 Don't know, n=986 Missing, n=4213	Undergraduate or postgraduate (2)	If [W2_msqba4a] = Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1227
			Missing (999)	If [W2_msqba4a] = Don't know OR Missing	n=5199
TAAG Wave: 3	Var' name: W3_msqba4a  Child reported Highest school grade completed	Did not finish high school, n=305 Finished high school (or passed the test that is equal to a high school diploma (GED), n=534 Went to vocational school (computer/electrician/mechanic), n=97 Took some college (but did not graduate), n=285 Graduated from a college or university, n=728 Has professional training beyond a 4-year college degree, n=522 Don't know, n=974 Missing, n=4157	Compulsory education (0)	If [W3_msqba4a] = Did not finish high school OR Finished high school	n=839
			Some post-compulsory or vocational training (1)	If [W3_msqba4a] = Went to vocational school OR Took some college	n=382
			Undergraduate or postgraduate (2)	If [W3_msqba4a] = Graduated from a college or university OR Has professional training beyond a 4-year college degree	n=1250
			Missing (999)	If [W3_msqba4a] = Don't know OR Missing	n=5131