THE ALSPAC STUDY

Historical Social Class and Occupation data

Prepared by

The ALSPAC study team

Documentation summarising the data available and the variable names.

Last updated for version 2 of the RELEASE file

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Occupation data overview

This documentation gives a summary of the social class and occupation data that are available from responses provided by study mothers and their partners in early years questionnaires, and the procedure that was followed to assign social class according to multiple schemas.

All social class and occupational data has now been brought together and labelled in a systematic way such that the start of the label refers to the social class or occupational measure and the end of the label refers to the questionnaire wave from which the data was coded.

Coding methodology is outlined in the following pages of this documentation and sets out the coding approach that was taken to derive all social class and occupation data. Limitations with the data are also set out, and all users are advised to take note of these limitations and any other issues prior to using the data.

Sample and response rates

There are a total of 14,541 records on this built file comprising the core sample of pregnancies originally enrolled in the study. For further information on the ALSPAC sample, please see section 6 of the "Guide to ALSPAC data".

Text responses

Questionnaires were sent to the study mothers and their partners at the time points specified in tables 1 & 2 asking them to provide information on their occupation (mothers also provided proxy reports of their partners occupation in the C, F, G, H and J questionnaires). The questions that were asked varied over time with more detail requested in some questionnaires than others but generally asked the respondent to provide a job title or summary and an indication of their employment seniority (manager, foreman, employee, etc). The text responses from participants were then computerised into text strings for coding.

File Versions

V.2 released in February 2015 changes the variable labels and names to make clear who each of the variables refers to.

Table 1: Mothers questionnaires requesting occupation data

Questionnaire ID	Questionnaire Name	Age
D	About Yourself	12w gest
B	Having A Baby	18w gest
C	Your Pregnancy	32w gest
F	Looking After the Baby	0y 8m
G	Caring For A Toddler	1y 9m
H	Your health, Events and Feelings	2y 9m
J	Mothers New Questionnaire	3y 11m

Table 2: Partners questionnaires requesting occupation data

Questionnaire ID	Questionnaire Name	Age
PB	Partners Questionnaire	18w gest
PD	The Baby And Me	0y 8m
PE	A Toddler In The House	1y 9m
PL	Father And The Family	8y 1m

As with other ALSPAC data it is possible that in some cases the questions asked were not answered directly by the individual that they related to, but instead by a proxy respondent e.g. a mother answering questions on the father's occupation and employment information.

Each file was cleaned, validated, checked and matched; in cases where there were two or more files relating to the same question (such as data obtained from different questionnaire versions) the files were combined together to give each questionnaire wave a single response file. In the event of these combined files containing duplicate responses (i.e. a participant returned two different versions of the questionnaire) the most recent job title was selected and the duplicate removed. For the purposes of the ESRC Scoping Project only a small subsample of data from the A and PA questionnaires were used, we have therefore dropped this data from the social class release file.

CASCOT coding

To create occupational code classifications the computerised text strings were processed using the CASCOT (Computer Assisted Structured COding Tool) software programme by utilising automatic and semi-automatic processing to assign standard occupational classification 2000 codes (SOC 2000) to entries. These SOC 2000 codes were assigned based upon the text response of the participants and a score (confidence threshold) out of 100 was applied based upon the reliability/accuracy of the code assigned. The automatic processing assigns occupational codes to every entry, selecting the most likely SOC code (i.e. based upon the highest score). The semi-automatic process was run at a cut-off point of 46 leaving all coding suggestions with a low score (less than 46) to be manually assigned by a member of the ALSPAC data team.

Semi-automatic coding was selected because of the excessive time it would have taken coders to manually go through the datasets line by line (estimated at an average of 3 cases per minute) given that datasets contained up to 14000 lines of data. Previous evaluation

work of CASCOT carried out by ALSPAC has identified a cut off point within the range of 40-50 to be accurate, allowing an acceptable trade off between accuracy and time required to code.

In the case of missing, ambiguous or conflicting responses a coding decision of 'no conclusion' was made in CASCOT, meaning that no occupational or social class code was applied.

After semi-automatic coding was complete, a randomised sample of data (10%) was handed to a separate member of the ALSPAC data team to code again using the semi-automatic CASCOT process. This data was then compared to the originally coded subsample and errors were consistently low (<5%).

Social class coding

SPSS syntax was used to automatically convert the CASCOT obtained SOC 2000 codes into social class based on multiple social class schema; 'SC' Social Class based on occupation (formerly 'RGSC' the Registrar General's Social Classes; 'SEG' Socio-economic Groups; 'CAMSIS' Cambridge Social Interaction and Stratification; and the 'NS-SEC' National Statistics Socio-economic Classification. These syntax were created and checked from data available from the Institute for Social and Economic Research (ISER, 2011).

Due to the inconsistent nature of occupational data collection there are potential accuracy issues with the NS-SEC schema, as it requires both employment status and size or organisation for the full schema to be derived correctly. There are reduced and simplified versions available that utilise either occupational code and employment status, or only occupational code respectively. Because organisational size data was not collected by ALSPAC the full derivation method cannot be used. There are a greater number of missing cases in the reduced than simplified NS-SEC as some participant responses to occupation and employment status conflicted in ways that could not be coded on the reduced schema (for instance having a management occupational code and an employment status of 'employee'). **Because of the accuracy issues inherent with the NS-SEC schema researchers are recommended to use it with caution**.

Data outputs

The data processing method produced a number of results at different stages of coding. The final data output files were designed so that all intermediate states of the coding process are visible in an attempt to make the data outputs as transparent as possible. This was done to ensure reliability in the data and to permit researchers to identify data at different stages of the coding process. The following key steps/components are therefore included in the output file of each dataset to maximise the transparency of the decisions taken by researchers:

(i)   ID
(ii)   semi-automatic CASCOT SOC 2000 occupation code
(iii)   semi-automatic CASCOT SOC 2000 score

(iv)   semi-automatic CASCOT SOC 90 occupation code

Following CASCOT occupational coding the following social class steps/components are displayed:

(v)   Employment Status (where available in text responses)
(vi)   SC social class value based on semi-automatic code
(vii)   SEG social class value based on semi-automatic code
(viii)   CAMSIS social class value based on semi-automatic code
(ix)   Raw simplified NS-SEC class value based on semi-automatic code
(x)   Simplified NS-SEC Analytic social class value based on semi-automatic code
(xi)   Raw reduced NS-SEC class value based on semi-automatic code
(xii)   Reduced NS-SEC Analytic social class value based on semi-automatic code

Tables 3-6 summarise the data that has been coded and when. The numbers in the table refer to how many cases have data available.

Table 7 provides a list of all variable names and labels which may assist users who will be making formal data requests.

Comparison with existing data

There are differences between the final coding of the CASCOT derived social class data and that already available from the mothers C file (see data dictionary). These differences relate to the different methods of coding used to derive the data; the original social class coding was done case by case instead of using automated software such as CASCOT. Because of the difference in coding results between the original and CASCOT methods we recommend that researchers continue to use the original C file social class data when social class at birth is required as a confounding variable and the CASCOT data when *changes* to social class based on occupation are the required.

Table 3: Mothers self reported occupation and social class data: numbers with available data

	B 18w gest.	C 32w gest.	F 0y 8m	G 1y 9m	H 2y 9m	J 3y 11m
SOC 2000	10997	9528	4698	4863	4116	4580
Score	11088	10056	4880	4908	4167	4671
SOC 90	10997	9528	4698	4863	4116	4580
Employment status	10997	9528	4698	4863	4116	4580
Social Class	10989	9528	4698	4863	4116	4580
Socio-Economic Group	10989	9528	4698	4863	4116	4580
CAMSIS	10997	9528	4698	4863	4116	4580
Simplified NS-SEC Analytic	10989	9528	4698	4863	4116	4580
Reduced NS-SEC Analytic	10294	8861	4469	4573	3864	4309

Table 4: Partners self reported occupation and social class data: numbers with available data

	PB 18w gest.	PD 0y 8m	PE 1y 9m	PL 8y 1m
SOC 2000	9408	6889	5890	3710
Score	9408	6889	5890	3695
SOC 90	9408	6889	5890	3710
Employment status	9408	6889	5890	3695
Social Class	9408	6889	5890	3710
Socio-Economic Group	9408	6889	5890	3710
CAMSIS	9408	6889	5890	3710
Simplified NS-SEC Analytic	9408	6889	5890	3710
Reduced NS-SEC Analytic	8134	5844	4991	2821

Table 5: Partners occupation and social class data (proxy report from mother): numbers with available data

	C 32w gest.	F 0y 8m	G 1y 9m	H 2y 9m	J 3y 11m
SOC 2000	10255	9042	8301	7009	7538
Score	10387	9139	8480	7146	7711
SOC 90	10255	9042	8301	7009	7538
Employment status	10255	9042	8301	7003	7538
Social Class	10255	9041	8300	7009	7538
Socio-Economic Group	10255	9041	8300	7009	7538
CAMSIS	10255	9042	8301	7009	7538
Simplified NS-SEC Analytic	10255	9041	8300	7009	7538
Reduced NS-SEC Analytic	8910	7627	6928	5750	6146

Table 6: Grandparents of study child occupation and social class data (proxy reports from mother at (C) 32w gestation and partner at (PB) 18w gestation): numbers with available data.

	Mothers father	Mothers mother	Fathers father	Fathers mother
SOC 2000	9634	6557	8760	5014
Score	10850	10643	9266	5144
SOC 90	9634	6557	8760	5014
Employment status	9634	6557	8760	5014
Social Class	9629	6554	8753	5014
Socio-Economic Group	9629	6554	8753	5014
CAMSIS	9634	6557	8760	5014
Simplified NS-SEC Analytic	9629	6554	8753	5014
Reduced NS-SEC Analytic	8175	6084	7529	4653

Table 7: Variable names and labels

Variable name	Variable label
b_soc2000_m	B: Standard Occupational Classification 2000 (mother)
b_score_m	B: CASCOT accuracy score (mother)
b_soc90_m	B: Standard Occupation Classification 1990 (mother)
b_empst_m	B: Employment status (mother)
b_sc_m	B: Social class based on occupation (mother)
b_seg_m	B: Socio economic group (mother)
b_mcamsis_m	B: Male CAMSIS score (mother)
b_fcamsis_m	B: Female CAMSIS score (mother)
b_snssec_m	B: Raw simplified NSSEC (mother)
b_snssec_analytical_m	B: Simplified NSSEC analytical classes (mother)
b_rnssec_m	B: Raw reduced NSSEC (mother)
b_rnssec_analytical_m	B: Reduced NSSEC analytic classes (mother)
c_soc2000_m	C: Standard Occupational Classification 2000 (mother)
c_score_m	C: CASCOT accuracy score (mother)
c_soc90_m	C: Standard Occupation Classification 1990 (mother)
c_empst_m	C: Employment status (mother)
c_sc_m	C: Social class based on occupation (mother)
c_seg_m	C: Socio economic group (mother)
c_mcamsis_m	C: Male CAMSIS score (mother)
c_fcamsis_m	C: Female CAMSIS score (mother)
c_snssec_m	C: Raw simplified NSSEC (mother)
c_snssec_analytical_m	C: Simplified NSSEC analytical classes (mother)
c_rnssec_m	C: Raw reduced NSSEC (mother)
c_rnssec_analytical_m	C: Reduced NSSEC analytic classes (mother)
f_soc2000_m	F: Standard Occupational Classification 2000 (mother)
f_score_m	F: CASCOT accuracy score (mother)
f_soc90_m	F: Standard Occupation Classification 1990 (mother)
f_empst_m	F: Employment status (mother)
f_sc_m	F: Social class based on occupation (mother)
f_seg_m	F: Socio economic group (mother)
f_mcamsis_m	F: Male CAMSIS score (mother)
f_fcamsis_m	F: Female CAMSIS score (mother)
f_snssec_m	F: Raw simplified NSSEC (mother)
f_snssec_analytical_m	F: Simplified NSSEC analytical classes (mother)
f_rnssec_m	F: Raw reduced NSSEC (mother)
f_rnssec_analytical_m	F: Reduced NSSEC analytic classes (mother)
g_soc2000_m	G: Standard Occupational Classification 2000 (mother)
g_score_m	G: CASCOT accuracy score (mother)
g_soc90_m	G: Standard Occupation Classification 1990 (mother)
g_empst_m	G: Employment status (mother)
g_sc_m	G: Social class based on occupation (mother)
g_seg_m	G: Socio economic group (mother)
g_mcamsis_m	G: Male CAMSIS score (mother)

g_fcamsis_m	G: Female CAMSIS score (mother)
g_snssec_m	G: Raw simplified NSSEC (mother)
g_snssec_analytical_m	G: Simplified NSSEC analytical classes (mother)
g_rnssec_m	G: Raw reduced NSSEC (mother)
g_rnssec_analytical_m	G: Reduced NSSEC analytic classes (mother)
h_soc2000_m	H: Standard Occupational Classification 2000 (mother)
h_score_m	H: CASCOT accuracy score (mother)
h_soc90_m	H: Standard Occupation Classification 1990 (mother)
h_empst_m	H: Employment status (mother)
h_sc_m	H: Social class based on occupation (mother)
h_seg_m	H: Socio economic group (mother)
h_mcamsis_m	H: Male CAMSIS score (mother)
h_fcamsis_m	H: Female CAMSIS score (mother)
h_snssec_m	H: Raw simplified NSSEC (mother)
h_snssec_analytical_m	H: Simplified NSSEC analytical classes (mother)
h_rnssec_m	H: Raw reduced NSSEC (mother)
h_rnssec_analytical_m	H: Reduced NSSEC analytic classes (mother)
j_soc2000_m	J: Standard Occupational Classification 2000 (mother)
j_score_m	J: CASCOT accuracy score (mother)
j_soc90_m	J: Standard Occupation Classification 1990 (mother)
j_empst_m	J: Employment status (mother)
j_sc_m	J: Social class based on occupation (mother)
j_seg_m	J: Socio economic group (mother)
j_mcamsis_m	J: Male CAMSIS score (mother)
j_fcamsis_m	J: Female CAMSIS score (mother)
j_snssec_m	J: Raw simplified NSSEC (mother)
j_snssec_analytical_m	J: Simplified NSSEC analytical classes (mother)
j_rnssec_m	J: Raw reduced NSSEC (mother)
j_rnssec_analytical_m	J: Reduced NSSEC analytic classes (mother)
pa_soc2000_p	PA: Standard Occupational Classification 2000 (partner)
pa_score_p	PA: CASCOT accuracy score (partner)
pa_soc90_p	PA: Standard Occupation Classification 1990 (partner)
pa_empst_p	PA: Employment status (partner)
pa_sc_p	PA: Social class based on occupation (partner)
pa_seg_p	PA: Socio economic group (partner)
pa_mcamsis_p	PA: Male CAMSIS score (partner)
pa_fcamsis_p	PA: Female CAMSIS score (partner)
pa_snssec_p	PA: Simplified NSSEC (partner)
pa_snssec_analytical_p	PA: Simplified NSSEC analytical classes (partner)
pa_rnssec_p	PA: Reduced NSSEC (partner)
pa_rnssec_analytical_p	PA: Reduced NSSEC analytic classes (partner)
pb_soc2000_p	PB: Standard Occupational Classification 2000 (partner)
pb_score_p	PB: CASCOT accuracy score (partner)
pb_soc90_p	PB: Standard Occupation Classification 1990 (partner)
pb_empst_p	PB: Employment status (partner)
pb_sc_p	PB: Social class based on occupation (partner)

pb_seg_p	PB: Socio economic group (partner)
pb_mcamsis_p	PB: Male CAMSIS score (partner)
pb_fcamsis_p	PB: Female CAMSIS score (partner)
pb_snssec_p	PB: Simplified NSSEC (partner)
pb_snssec_analytical_p	PB: Simplified NSSEC analytical classes (partner)
pb_rnssec_p	PB: Reduced NSSEC (partner)
pb_rnssec_analytical_p	PB: Reduced NSSEC analytic classes (partner)
pd_soc2000_p	PD: Standard Occupational Classification 2000 (partner)
pd_score_p	PD: CASCOT accuracy score (partner)
pd_soc90_p	PD: Standard Occupation Classification 1990 (partner)
pd_empst_p	PD: Employment status (partner)
pd_sc_p	PD: Social class based on occupation (partner)
pd_seg_p	PD: Socio economic group (partner)
pd_mcamsis_p	PD: Male CAMSIS score (partner)
pd_fcamsis_p	PD: Female CAMSIS score (partner)
pd_snssec_p	PD: Simplified NSSEC (partner)
pd_snssec_analytical_p	PD: Simplified NSSEC analytical classes (partner)
pd_rnssec_p	PD: Reduced NSSEC (partner)
pd_rnssec_analytical_p	PD: Reduced NSSEC analytic classes (partner)
pe_soc2000_p	PE: Standard Occupational Classification 2000 (partner)
pe_score_p	PE: CASCOT accuracy score (partner)
pe_soc90_p	PE: Standard Occupation Classification 1990 (partner)
pe_empst_p	PE: Employment status (partner)
pe_sc_p	PE: Social class based on occupation (partner)
pe_seg_p	PE: Socio economic group (partner)
pe_mcamsis_p	PE: Male CAMSIS score (partner)
pe_fcamsis_p	PE: Female CAMSIS score (partner)
pe_snssec_p	PE: Simplified NSSEC (partner)
pe_snssec_analytical_p	PE: Simplified NSSEC analytical classes (partner)
pe_rnssec_p	PE: Reduced NSSEC (partner)
pe_rnssec_analytical_p	PE: Reduced NSSEC analytic classes (partner)
pl_soc2000_p	PL: Standard Occupational Classification 2000 (partner)
pl_score_p	PL: CASCOT accuracy score (partner)
pl_soc90_p	PL: Standard Occupation Classification 1990 (partner)
pl_empst_p	PL: Employment status (partner)
pl_sc_p	PL: Social class based on occupation (partner)
pl_seg_p	PL: Socio economic group (partner)
pl_mcamsis_p	PL: Male CAMSIS score (partner)
pl_fcamsis_p	PL: Female CAMSIS score (partner)
pl_snssec_p	PL: Simplified NSSEC (partner)
pl_snssec_analytical_p	PL: Simplified NSSEC analytical classes (partner)
pl_rnssec_p	PL: Reduced NSSEC (partner)
pl_rnssec_analytical_p	PL: Reduced NSSEC analytic classes (partner)
c_soc2000_ptnr_pp	C: Standard Occupational Classification 2000 (partner proxy)
c_score_ptnr_pp	C: CASCOT accuracy score (partner proxy)
c_soc90_ptnr_pp	C: Standard Occupation Classification 1990 (partner proxy)

c_empst_ptnr_pp	C: Employment status (partner proxy)
c_sc_ptnr_pp	C: Social class based on occupation (partner proxy)
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c_snssec_analytical_ptnr_pp	C: Simplified NSSEC analytical classes (partner proxy)
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c_rnssec_analytical_ptnr_pp	C: Reduced NSSEC analytic classes (partner proxy)
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f_sc_ptnr_pp	F: Social class based on occupation (partner proxy)
f_seg_ptnr_pp	F: Socio economic group (partner proxy)
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f_fcamsis_ptnr_pp	F: Female CAMSIS score (partner proxy)
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g_soc90_ptnr_pp	G: Standard Occupation Classification 1990 (partner proxy)
g_empst_ptnr_pp	G: Employment status (partner proxy)
g_sc_ptnr_pp	G: Social class based on occupation (partner proxy)
g_seg_ptnr_pp	G: Socio economic group (partner proxy)
g_mcamsis_ptnr_pp	G: Male CAMSIS score (partner proxy)
g_fcamsis_ptnr_pp	G: Female CAMSIS score (partner proxy)
g_snssec_ptnr_pp	G: Raw simplified NSSEC (partner proxy)
g_snssec_analytical_ptnr_pp	G: Simplified NSSEC analytical classes (partner proxy)
g_rnssec_ptnr_pp	G: Raw reduced NSSEC (partner proxy)
g_rnssec_analytical_ptnr_pp	G: Reduced NSSEC analytic classes (partner proxy)
h_soc2000_ptnr_pp	H: Standard Occupational Classification 2000 (partner proxy)
h_score_ptnr_pp	H: CASCOT accuracy score (partner proxy)
h_soc90_ptnr_pp	H: Standard Occupation Classification 1990 (partner proxy)
h_empst_ptnr_pp	H: Employment status (partner proxy)
h_sc_ptnr_pp	H: Social class based on occupation (partner proxy)
h_seg_ptnr_pp	H: Socio economic group (partner proxy)
h_mcamsis_ptnr_pp	H: Male CAMSIS score (partner proxy)
h_fcamsis_ptnr_pp	H: Female CAMSIS score (partner proxy)
h_snssec_ptnr_pp	H: Raw simplified NSSEC (partner proxy)
h_snssec_analytical_ptnr_pp	H: Simplified NSSEC analytical classes (partner proxy)

h_rnssec_ptnr_pp	H: Raw reduced NSSEC (partner proxy)
h_rnssec_analytical_ptnr_pp	H: Reduced NSSEC analytic classes (partner proxy)
j_soc2000_ptnr_pp	J: Standard Occupational Classification 2000 (partner proxy)
j_score_ptnr_pp	J: CASCOT accuracy score (partner proxy)
j_soc90_ptnr_pp	J: Standard Occupation Classification 1990 (partner proxy)
j_empst_ptnr_pp	J: Employment status (partner proxy)
j_sc_ptnr_pp	J: Social class based on occupation (partner proxy)
j_seg_ptnr_pp	J: Socio economic group (partner proxy)
j_mcamsis_ptnr_pp	J: Male CAMSIS score (partner proxy)
j_fcamsis_ptnr_pp	J: Female CAMSIS score (partner proxy)
j_snssec_ptnr_pp	J: Raw simplified NSSEC (partner proxy)
j_snssec_analytical_ptnr_pp	J: Simplified NSSEC analytical classes (partner proxy)
j_rnssec_ptnr_pp	J: Raw reduced NSSEC (partner proxy)
j_rnssec_analytical_ptnr_pp	J: Reduced NSSEC analytic classes (partner proxy)
c_soc2000_mgf	C: Standard Occupational Classification 2000 (maternal grandfather)
c_score_mgf	C: CASCOT accuracy score (maternal grandfather)
c_soc90_mgf	C: Standard Occupation Classification 1990 (maternal grandfather)
c_empst_mgf	C: Employment status (maternal grandfather)
c_sc_mgf	C: Social class based on occupation (maternal grandfather)
c_seg_mgf	C: Socio economic group (maternal grandfather)
c_mcamsis_mgf	C: Male CAMSIS score (maternal grandfather)
c_snssec_mgf	C: Simplified NSSEC (maternal grandfather)
c_snssec_analytical_mgf	C: Simplified NSSEC analytical classes (maternal grandfather)
c_rnssec_mgf	C: Reduced NSSEC (maternal grandfather)
c_rnssec_analytical_mgf	C: Reduced NSSEC analytic classes (maternal grandfather)
c_soc2000_mgm	C: Standard Occupation Classification 2000 (maternal grandmother)
c_score_mgm	C: CASCOT accuracy score (maternal grandmother)
c_soc90_mgm	C: Standard Occupation Classification 1990 (maternal grandmother)
c_empst_mgm	C: Employment status (maternal grandmother)
c_sc_mgm	C: Social class based on occupation (maternal grandmother)
c_seg_mgm	C: Socio economic group (maternal grandmother)
c_fcamsis_mgm	C: Female CAMSIS score (maternal grandmother)
c_snssec_mgm	C: Simplified NSSEC (maternal grandmother)
c_snssec_analytical_mgm	C: Simplified NSSEC analytical classes (maternal grandmother)
c_rnssec_mgm	C: Reduced NSSEC (maternal grandmother)
c_rnssec_analytical_mgm	C: Reduced NSSEC analytical classes (maternal grandmother)
pb_soc2000_pgf	PB: Standard Occupational Classification 2000 (paternal grandfather)
pb_score_pgf	PB: CASCOT accuracy score (paternal grandfather)
pb_soc90_pgf	PB: Standard Occupational Classification 1990 (paternal grandfather)
pb_empst_pgf	PB: Employment status (paternal grandfather)
pb_sc_pgf	PB: Social class based on occupation (paternal grandfather)

pb_seg_pgf	PB: Socio economic group (paternal grandfather)
pb_mcamsis_pgf	PB: Male CAMSIS score (paternal grandfather)
pb_snssec_pgf	PB: Simplified NSSEC (paternal grandfather)
pb_snssec_analytical_pgf	PB: Simplified NSSEC analytical classes (paternal grandfather)
pb_rnssec_pgf	PB: Reduced NSSEC (paternal grandfather)
pb_rnssec_analytical_pgf	PB: Reduced NSSEC analytical classes (paternal grandfather)
pb_soc2000_pgm	PB: Standard Occupational Classification 2000 (paternal grandmother)
pb_score_pgm	PB: CASCOT accuracy score (paternal grandmother)
pb_soc90_pgm	PB: Standard Occupational Classification 1990 (paternal grandmother)
pb_empst_pgm	PB: Employment status (paternal grandmother)
pb_sc_pgm	PB: Social class based on occupation (paternal grandmother)
pb_seg_pgm	PB: Socio economic group (paternal grandmother)
pb_fcamsis_pgm	PB: Female CAMSIS score (paternal grandmother)
pb_snssec_pgm	PB: Simplified NSSEC (paternal grandmother)
pb_snssec_analytical_pgm	PB: Simplified NSSEC analytical classes (paternal grandmother)
pb_rnssec_pgm	PB: Reduced NSSEC (paternal grandmother)
pb_rnssec_analytical_pgm	PB: Reduced NSSEC analytical classes (paternal grandmother)