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DERIVED VARIABLES IN THE NINE-YEAR COHORT OF GROWING UP IN IRELAND

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Introduction

Some of the variables included in the Growing Up in Ireland dataset (November 2009) were derived by the study team for the purposes of analysis. Information on these variables and how they were derived is included in this document. Information on the derived variable name and label are given here as well as some information about the variable itself. Value labels are included where appropriate.

The population of interest is the population that this variable applies to. These are defined with reference to the household since the dataset has one entry per household. So, for example, some variables should have a value with regard to all households, such as household composition variables (Family_type). Other variables such as those derived from the Dyadic Adjustment Scale are only relevant in households where there are two caregivers living together as a couple.

The variables are described in terms of the SPSS code used to derive them, giving an explanation of the commands and how each one functions. The following is a list of the derived variables in the file and subsequently described in this document.

Variable Names	Variable labels
Partner	Partner in household
Int_type	Parent interviews completed in the household
EASshyness	EASshyness
EASemotionality	EASemotionality
EASactivity	EASactivity
EASsociability	EASsociability
Pianta_conflict_PCG	Level of conflict with Primary Caregiver
Pianta_positive_PCG	Level of closeness with Primary Caregiver
Pianta_dependence_PCG	Level of dependence with Primary Caregiver
Pianta_conflict_SCG	Level of conflict with Secondary Caregiver
Pianta_positive_SCG	Level of closeness with Secondary Caregiver
Pianta_dependence_SCG	Level of dependence with Secondary Caregiver
Dyadic_PCG	Dyadic adjustment score for primary carer
Dyadic_SCG	Dyadic adjustment score for secondary carer
CES_TOT_PCG	Total depression score for Primary Caregiver
CES_TOT_SCG	Total depression score for Secondary Caregiver
CESD_PCG	Depression status of Primary Caregiver
CESD_SCG	Depression status of Secondary Caregiver
MS46	MS yearly equivalent of regular payments from non-resident parent
FS46	FS yearly equivalent of regular payments from non-resident parent
srBMI_pcg	Primary Caregiver Body Mass Index - derived from self-reported data
srBMI_pcg_rec	Classification of Primary Caregiver Body Mass Index - derived from self-reported data
srBMI_scg	Secondary Caregiver Body Mass Index - derived from

	self-reported data
srBMI_scg_rec	Classification of Secondary Caregiver Body Mass Index - derived from self-reported data
intBMI_pcg	Primary Caregiver Body Mass Index - derived from interviewer measurement data
intBMI_pcg_rec	Classification of Primary Caregiver Body Mass Index - derived from interviewer measurement data
intBMI_scg	Secondary Caregiver Body Mass Index - derived from interviewer measurement data
intBMI_scg_rec	Classification of Secondary Caregiver Body Mass Index - derived from interviewer measurement data
pcgmain	Primary Caregiver Questionnaire Completed
pcgsens	Primary Caregiver Sensitive Questionnaire Completed
scgmain	Secondary Caregiver Questionnaire Completed
scgsens	Secondary Caregiver Sensitive Questionnaire Completed
kidmain	Child Main Questionnaire Completed
kidcore	Child Core Sensitive Questionnaire Completed
kidM	Child Completed Questionnaire on Main Carer
kidD	Child Completed Questionnaire on Secondary Carer
kidMP	Child Completed Questionnaire on Main Carer Partner
PiersHarris	Child Completed Piers Harris
Nonsingleton	Child is a non-singleton
Drum	Drumcondra tests completed

Family Type (Mother/Lone father questionnaire)

This section describes the derivation of the following variable:

Variable name	Variable label
Partner	Partner in household

Description of variable:
This variable indicates the existence of a partner in the household.

Value labels: 1 'Yes'
2 'No'

Population: All households

Level: Household

Derivation:

SPSS Code:

```
COMPUTE Partner = $sysmis.
if any(mma5rmp3,1,2) partner = 1.
if mma5rmp3 >2 partner = 0.
if sysmis(mma5rmp3) partner = 0.
FORMATS partner (f2.0).

VARIABLE LABELS Partner 'Partner in household'.

VALUE LABELS   Partner          1 'Yes'
                                2 'No'.
```

Household interviews (Primary and Secondary caregiver completed)

This section describes the derivation of the following variable:

Variable name	Variable label
Int_type	Parent interviews completed in the household

Description of variable:
This variable gives a breakdown of the interviews given by caregivers in the household. Please note that only households with a main caregiver interview were included in this version of the data file.

Value labels: 1 Both caregivers interviewed
2 Main caregiver interviewed, no partner
3 Main caregiver interviewed, partner eligible but no response

Population: All Households

Level: Household

Derivation:

SPSS Code:

```
COMPUTE Int_type=$sysmis.
IF (pcgmain = 1 & scgmain = 1) Int_type = 1.
IF (pcgmain = 1 & scgmain = 0 & mma5rmp3>2) or (pcgmain = 1 & scgmain = 0 & sysmis (mma5rmp3))
Int_type = 2.
IF (pcgmain = 1 & scgmain = 0 & ANY(mma5rmp3,1,2)) Int_type = 3.
FORMATS Int_type (f2.0).


VAR LABELS Int_type 'Household interviews'.

VALUE LABELS Int_type   1 'Both caregivers interviewed'
                        2 'Main caregiver interviewed, no partner'
                        3 'Main caregiver interviewed, partner eligible but no response'.
```

Child development (Mother/Lone father questionnaire)

Temperament

Variable Names	Variable labels
EASshyness	EASshyness
EASemotionality	EASemotionality
EASactivity	EASactivity
EASsociability	EASsociability

Description of variables:
These variables refer to the various subscales in the Emotionality, Activity and Sociability (EAS) Temperament Questionnaire.

Value labels:

Population: All households

Level: Individual

Derivation:

SPSS Code:

*****RECODE VARIABLES*****

```
RECODE
  MMH3a
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_1.
EXECUTE .

RECODE
 MMH3b
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_2.
EXECUTE .

RECODE
  MMH3c
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_3.
EXECUTE .

RECODE
  MMH3d
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_4.
EXECUTE .

RECODE
  MMH3e
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_5.
EXECUTE .

RECODE
  MMH3f
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_6.
EXECUTE .

RECODE
  MMH3g
  (5=1)  (4=2)  (3=3) (2=4) (1=5) (9=SYSMIS) INTO EAS_7.
```

```
EXECUTE .

RECODE
  MMH3h
  (5=1)  (4=2)  (3=3) (2=4) (1=5) (9=SYSMIS) INTO EAS_8.
EXECUTE .

RECODE
  MMH3i
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS)  INTO EAS_9.
EXECUTE .

RECODE
  MMH3j
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_10.
EXECUTE .

RECODE
  MMH3k
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_11.
EXECUTE .

RECODE
  MMH3l
  (5=1)  (4=2)  (3=3) (2=4) (1=5) (9=SYSMIS) INTO EAS_12.
EXECUTE .

RECODE
  MMH3m
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_13.
EXECUTE .

RECODE
  MMH3n
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_14.
EXECUTE .

RECODE
  MMH3o
  (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_15.
EXECUTE .

RECODE
  MMH3p
  (5=1)  (4=2)  (3=3) (2=4) (1=5) (9=SYSMIS) INTO EAS_16.
EXECUTE .

RECODE
  MMH3q
 (5=1)  (4=2)  (3=3) (2=4) (1=5) (9=SYSMIS) INTO EAS_17.
EXECUTE .

RECODE
  MMH3r
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_18.
EXECUTE .

RECODE
  MMH3s
 (1=1) (2=2) (3=3) (4=4) (5=5) (9=SYSMIS) INTO EAS_19.
EXECUTE .

RECODE
  MMH3t
 (5=1)  (4=2)  (3=3) (2=4) (1=5) (9=SYSMIS) INTO EAS_20.
EXECUTE .
```

*****COMPUTE SUBSCALES*****

```
COMPUTE EASShyness = (EAS_1 + EAS_8 + EAS_12 + EAS_14 + EAS_20)/5.
VARIABLE LABELS EASshyness 'EAS Questionnaire Shyness Subscale (raw/5)'.
EXECUTE.

COMPUTE EASemotionality = (EAS_2 + EAS_6 + EAS_11 + EAS_15 + EAS_19)/5.
VARIABLE LABELS EASemotionality 'EAS Questionnaire Emotionality Subscale (raw/5)'.
EXECUTE.

COMPUTE EASactivity = (EAS_4 + EAS_7 + EAS_9 + EAS_13 + EAS_17)/5.
VARIABLE LABELS EASactivity 'EAS Questionnaire Activity Subscale (raw/5)'.
EXECUTE.

COMPUTE EASsociability = (EAS_3 + EAS_5 + EAS_10 + EAS_16 + EAS_18)/5.
VARIABLE LABELS EASsociability 'EAS Questionnaire Sociability Subscale (raw/5)'.
EXECUTE.

DELETE  EAS_1 EAS_2 EAS_3 EAS_4 EAS_5 EAS_6 EAS_7 EAS_8 EAS_9 EAS_10 EAS_11 EAS_12
 EAS_13  EAS_14 EAS_15 EAS_16 EAS_17 EAS_18 EAS_19 EAS_20.
```

Family relationships

Parent-child relationship (Mother/Lone father questionnaire and Father/partner questionnaire)

Pianta Child-Parent Relationship Scale

Variable Names	Variable labels
Pianta_conflict_PCG	Level of conflict with Primary Caregiver
Pianta_positive_PCG	Level of closeness with Primary Caregiver
Pianta_dependence_PCG	Level of dependence with Primary Caregiver
Pianta_conflict_SCG	Level of conflict with Secondary Caregiver
Pianta_positive_SCG	Level of closeness with Secondary Caregiver
Pianta_dependence_SCG	Level of dependence with Secondary Caregiver

Description of variables:
The Pianta Child-Parent Relationship Scale measures several aspects of the child-caregiver relationship (both caregivers where relevant) including conflict, closeness and dependency. These subscales are computed by adding the raw scores in each of the three subscales.

Value labels: None

Population: All households for Primary Caregiver variables; households where there is a Secondary Caregiver for the Secondary Caregiver variables.

Level: Individual

Derivation:

SPSS Code:

```
***PIANTA SYNTAX FOR PRIMARY CAREGIVER***

COMPUTE Pianta_conflict_PCG = MMK2B + MMK2L + MMK2N + MMK2Q + MMK2R + MMK2S +
 MMK2U + MMK2W + MMK2X + MMK2Y + MMK2AA + MMK2AB .
VARIABLE LABELS Pianta_conflict_PCG 'Level of conflict with primary caregiver' .
EXECUTE .

COMPUTE Pianta_positive_PCG = MMK2A + MMK2C + MMK2E + MMK2H + MMK2J + MMK2M +
 MMK2P + MMK2V + MMK2AC + MMK2AD .
VARIABLE LABELS Pianta_positive_PCG 'Level of closeness with primary caregiver' .
EXECUTE .

*set not applicable to 0.
if MMK2Z = 6 MMK2Z = 0.
COMPUTE Pianta_dependence_PCG = MMK2F + MMK2I + MMK2K + MMK2Z .
VARIABLE LABELS Pianta_dependence_PCG 'Level of dependence with primary caregiver' .
EXECUTE .


***PIANTA SYNTAX FOR SECONDARY CAREGIVER***

COMPUTE Pianta_conflict_SCG = FD2B + FD2L + FD2N + FD2Q + FD2R + FD2S + FD2U + FD2W + FD2X
 + FD2Y + FD2AA + FD2AB .
VARIABLE LABELS Pianta_conflict_SCG 'Level of conflict with secondary caregiver' .
EXECUTE .
```

```
COMPUTE Pianta_positive_SCG = FD2A + FD2C + FD2E + FD2H + FD2J + FD2M + FD2P + FD2V + FD2AC
 + FD2AD .
VARIABLE LABELS Pianta_positive_SCG 'Level of closeness with secondary caregiver' .
EXECUTE .

*set not applicable to 0.
if FD2Z = 6 FD2Z = 0.
COMPUTE Pianta_dependence_SCG = FD2F + FD2I + FD2K + FD2Z .
VARIABLE LABELS Pianta_dependence_SCG 'Level of dependence with secondary caregiver' .
EXECUTE .
```

Couple relationship (Mother/Lone father sensitive questionnaire and Father/partner sensitive questionnaire)

Dyadic Adjustment Scale

Variable Names	VARIABLE LABELS
Dyadic_PCG	Dyadic adjustment score for Primary Caregiver
Dyadic_SCG	Dyadic adjustment score for Secondary Caregiver

Description of variable:
The Dyadic Adjustment Scale is a self-reported measurement of the marital relationship. The derived variables are the composite scores.

Value labels: None

Population: Households in which there are two caregivers (in a relationship with each other).

Level: Individual

Derivation:

SPSS Code:

```
***PRIMARY CAREGIVER  DYADIC ADJUSTMENT SCORE***

RECODE
  MS23a MS23b MS23c
  (1=5)  (2=4)  (3=3)  (4=2)  (5=1)  (6=0)  (9=SYSMIS)  INTO  Mdas1 Mdas2 Mdas3 .
EXECUTE.

RECODE
  MS24a MS24b MS24c
  (1=0)  (2=1)  (3=2)  (4=3)  (5=4)  (6=5)  (9=SYSMIS)  INTO   Mdas4  Mdas5 Mdas6.
EXECUTE.

RECODE
  MS25
  (0=0)  (1=1)  (2=2)  (3=3)  (4=4)  (5=5)  (6=6) (9=SYSMIS)  INTO  Mdas7.
EXECUTE.


***Composite score for cases with ≤1 missing responses***
```

```
COMPUTE dyadic_PCG = sum.6 (Mdas1 to Mdas7).
VARIABLE LABELS dyadic_PCG ‘Dyadic adjustment score for primary carer’.
EXECUTE .
```

*****SECONDARY CAREGIVER DYADIC ADJUSTMENT SCORE*****

```
RECODE
  FS23a FS23b FS23c
  (1=5)  (2=4)  (3=3)  (4=2)  (5=1)  (6=0)  (9=SYSMIS)  INTO Fdas1 Fdas2 Fdas3 .
EXECUTE.


RECODE
  FS24a FS24b FS24c
  (1=0)  (2=1)  (3=2)  (4=3)  (5=4)  (6=5)  (9=SYSMIS)  INTO   Fdas4 Fdas5 Fdas6.
EXECUTE.

RECODE
  FS25
  (0=0)  (1=1)  (2=2)  (3=3)  (4=4)  (5=5)  (6=6) (9=SYSMIS)  INTO   Fdas7.
EXECUTE.
```

*****Composite score for cases with ≤1 missing responses*****

```
COMPUTE dyadic_SCG = sum.6 (Fdas1 to Fdas7).
VARIABLE LABELS dyadic_SCG ‘Dyadic adjustment score for secondary carer’.
EXECUTE .


DELETE VARIABLES  Mdas1 Mdas2 Mdas3 Mdas4 Mdas5 Mdas6 Mdas7 Fdas1 Fdas2 Fdas3 Fdas4 Fdas5
 Fdas6 Fdas7.
EXECUTE.
```

Parent emotional health (Mother/Lone father sensitive questionnaire and Father/partner sensitive questionnaire)

Variable Names	Variable labels
CES_TOT_PCG	Total depression score for Primary Caregiver
CES_TOT_SCG	Total depression score for Secondary Caregiver
CESD_PCG	Depression status of Primary Caregiver
CESD_SCG	Depression status of Secondary Caregiver

Description of variable:
This is the short (8 item) form of the Center for Epidemiological Studies Depression Scale. Although cut-offs are used here within the scoring guidelines, this is not a clinical measure and care should be taken with interpretation. While almost 85% of those found to have depression after an in-depth structured interview with a psychiatrist will have a high score on the CESD, about 20% of those who score high on the CESD will have rapid resolution of their symptoms and not meet full criteria for major or clinical depression.

Value labels: **CES_TOT_PCG**
CES_TOT_PCG None

CES_TOT_PCG
CES_TOT_PCG 0 'Not depressed'
1 'Depressed'

Population: All households for Primary Caregiver variable; households where there is a Secondary Caregiver for the Secondary Caregiver variable.

Level: Individual

Derivation:

SPSS Code:

```
***DEPRESSION SCORE FOR PRIMARY CAREGIVER***

RECODE
  MS30a MS30b MS30c MS30d MS30e MS30f MS30g MS30h
  (1=0)  (2=1)  (3=2)  (4=3)  (9=SYSMIS)  INTO  Mces1 Mces2  Mces3 Mces4 Mces5 Mces6 Mces7 Mces8.
EXECUTE.


***Composite score for cases with ≤1 missing responses***

COMPUTE CES_TOT_PCG = sum.7 (Mces1 to Mces8) .
VARIABLE LABELS CES_TOT_PCG 'Total depression score for primary caregiver'.
EXECUTE .

***Categorise into depressed or not depressed***

RECODE
  CES_TOT_PCG
```

```
 (Lowest thru 6=0)  (7 thru Highest=1)  INTO  CESD_PCG .
VARIABLE LABELS CESD_PCG 'Depression status of primary caregiver'.
VALUE LABELS CESD_PCG 0 "not depressed" 1 "depressed".


***DEPRESSION SCORE FOR SECONDARY CAREGIVER***

RECODE
 FS30a FS30b FS30c FS30d FS30e FS30f FS30g FS30h
 (1=0)  (2=1)  (3=2)  (4=3)  (9=SYSMIS)  INTO  Fces1  Fces2  Fces3 Fces4 Fces5 Fces6 Fces7 Fces8.
EXECUTE.

***Composite score for cases with ≤1 missing responses***

COMPUTE CES_TOT_SCG = sum.7 (Fces1 to Fces8) .
VARIABLE LABELS CES_TOT_SCG 'Total depression score for secondary caregiver'.
EXECUTE .


***Categorise into depressed or not depressed***

RECODE
 CES_TOT_SCG
 (Lowest thru 6=0)  (7 thru Highest=1)  INTO  CESD_SCG .
VARIABLE LABELS CESD_SCG 'Depression status of secondary caregiver'.
VALUE LABELS CESD_SCG 0 "not depressed" 1 "depressed".
```

Yearly equivalent amount of regular maintenance payment (Mother/Lone father sensitive questionnaire and Father/partner questionnaire)

Variable Name	Variable label
MS46	MS yearly equivalent of regular payments from non-resident parent
FS46	FS yearly equivalent of regular payments from non-resident parent

Description of variable:
Adult respondents in households where the child's other biological parent was non-resident completed questions on that parent's payment of maintenance on their sensitive questionnaire. If they received a regular payment, they were asked how much at MS45 and if this amount was received weekly (1), fortnightly (2) or monthly (3) at MS45a (FS45 and FS45a on the Father/Partner sensitive questionnaire). The information from these two variables was combined to create a variable estimating the yearly equivalent amount of the regular payment at MS45nrpay (and FS45nrpay).

Value labels: None

Population: All households where there is a non-resident parent.

Level: Individual

Derivation:

SPSS Code:

*****COMPUTE A YEARLY EQUIVALENT FOR REGULAR NON-RES PAYMENTS ON MUM SENS*****

```
compute ms45nrspay=$sysmis.
if (ms45a=1) ms45nrspay =ms45*52.
if (ms45a=2) ms45nrspay =ms45*26.
if (ms45a=3 ms45nrspay =ms45*12.


variable labels
        ms45nrpay 'MS yearly equivalent of regular payments from non-resident parent'.


***COMPUTE A YEARLY EQUIVALENT FOR REGULAR NON-RES PAYMENTS ON DAD SENS***
compute fs45nrpay=$sysmis.
if (fs45a=1) fs45nrpay =fs45*52.
if (fs45a=2) fs45nrpay =fs45*26.
if (fs45a=3) fs45nrpay =fs45*12.


variable labels
        fs45nrpay 'FS yearly equivalent of regular payments from non-resident parent'.
```

Health related variables (Mother/Lone father questionnaire and Father/partner questionnaires)

This section describes the derivation of the following variables:

Variable Names	Variable labels
srBMI_pcg	Primary Caregiver Body Mass Index - derived from self-reported data
srBMI_pcg_rec	Classification of Primary Caregiver Body Mass Index - derived from self-reported data
srBMI_scg	Secondary Caregiver Body Mass Index - derived from self-reported data
srBMI_scg_rec	Classification of Secondary Caregiver Body Mass Index - derived from self-reported data
intBMI_pcg	Primary Caregiver Body Mass Index - derived from interviewer measurement data
intBMI_pcg_rec	Classification of Primary Caregiver Body Mass Index - derived from interviewer measurement data
intBMI_scg	Secondary Caregiver Body Mass Index - derived from interviewer measurement data
intBMI_scg_rec	Classification of Secondary Caregiver Body Mass Index - derived from interviewer measurement data

Description of variable:
Body Mass Index (BMI) measures derived from self-reported and interviewer measures for both the primary and secondary caregivers.

Value labels:

srbmi_pcg Srbmi_scg Intbmi_pcg Intbmi_scg	None
Srbmi_pcg_rec Srbmi_scg_rec Intbmi_pcg_rec Intbmi_scg_rec	1 'underweight' 2 'healthy' 3 'overweight' 4 'obese'.

Population: All households

Level: Individual

Derivation:

SPSS Code:

```
***COMPUTE PRIMARY CAREGIVER SELF REPORTED BODY MASS INDEX***

COMPUTE srBMI_pcg = (MMF10/(MMF9* MMF9 ))*10000 .
VARIABLE LABEL srBMI_pcg 'Body Mass Index (BMI) of the primary caregiver - derived from self-reported
data'.

***RECODE continuous BMI into categorical BMI categories***

RECODE
  srBMI_pcg
  (Lowest thru 18.4999=1)  (18.500 thru 24.9999=2)  (25.0000 thru 29.9999=3)
   (30.000 thru Highest=4)  INTO  srBMIpcg_rec .

VARIABLE LABEL srBMI_pcg_rec 'BMI classification of the primary caregiver - derived from self-reported
data'.

VALUE LABELS srBMI_pcg_rec 1 'Underweight' 2 'Normal weight' 3 'Overweight' 4 'Obese'.


***COMPUTE SECONDARY CAREGIVER SELF REPORTED BODY MASS INDEX***

COMPUTE srBMI_scg = (FC10/(FC9* FC9 ))*10000 .

VARIABLE LABEL srBMI_scg 'Body Mass Index of the secondary caregiver - derived from self-reported data'.


***RECODE continuous BMI into categorical BMI categories***

RECODE
  srBMI_scg
  (Lowest thru 18.4999=1)  (18.500 thru 24.9999=2)  (25.000 thru 29.9999=3)
   (30.000 thru Highest=4)  INTO  srBMI_scg_rec .

VARIABLE LABEL srBMI_scg_rec 'BMI classification of the secondary caregiver - derived from self-reported
data'.

VALUE LABELS srBMI_scg_rec 1 'Underweight' 2 'Normal weight' 3 'Overweight' 4 'Obese'.


***CALCULATE BMI FOR INTERVIEWER PHYSICAL MEASUREMENTS DATA***

RECODE intPCGcms intSCGcms intChildcms intPCGkgms intSCGkgms intChildkgms (0=99999) (else = copy).
missing values intPCGcms intSCGcms intChildcms intPCGkgms intSCGkgms intChildkgms (99999).

variable label intPCGcms "Primary caregivers measured height in cms".
variable label intPCGkgms "Primary caregivers measured weight in kgs".
variable label intSCGcms "Secondary caregivers measured height in cms".
variable label intSCGkgms "Secondary caregivers measured weight in kgs".
variable label intChildcms "Study childs measured height in cms".
variable label intChildkgms "Study childs measured weight in kgs".


COMPUTE intBMI_pcg = (intPCGkgms /( intPCGcms * intPCGcms))*10000 .
COMPUTE intBMI_scg = (intSCGkgms /( intSCGcms * intSCGcms))*10000 .

variable label intBMI_pcg "Primary Caregiver's BMI - derived from measured data".
variable label intBMI_scg "Secondary Caregiver's BMI - derived from measured data".


***RECODE BMI for Primary and Secondary Caregivers using Garrow-Webster cut-offs***

RECODE
  intBMI_pcg
  (Lowest thru 18.49999=1)  (18.50 thru 24.99999=2)  (25.00 thru 29.99999=3)
```

```
   (30.00 thru Highest=4)  INTO intBMI_pcg_rec .

RECODE
  intBMI_scg
  (Lowest thru 18.49999=1)  (18.50 thru 24.99999=2)  (25.00 thru 29.99999=3)
   (30.00 thru Highest=4)  INTO  intBMI_scg_rec .

add VALUE LABELS intbmi_pcg_rec intbmi_scg_rec
 1 'underweight'
 2 'healthy'
 3 'overweight'
 4 'obese'.

variable label intBMI_pcg_rec "Primary Caregiver's BMI classification- derived from measured data".
variable label intBMI_scg_rec "Secondary Caregiver's BMI classification - derived from measured data".
```

Household income (Mother/Lone father questionnaire)

This section describes the derivation of the following variables:

Variable name	Variable label
ElncQuin	Equivalised income in quintiles
ElncDec	Equivalised income in deciles

Description of variables:
In assigning income quintiles, all households are ranked in terms of equivalised income. The lowest 20 per cent are assigned to the bottom quintile, the next 20 per cent to the second quintile and so on – until the top 20 per cent of households are assigned to the top income quintile. Where income deciles are used, the lowest 10 per cent are assigned to the bottom decile, the top 10 per cent are assigned to the top income decile.

Value labels (ElncQuin):
1 'Lowest'
2 '2nd'
3 '3rd'
4 '4th'
5 'Highest'

(ElncDec):
1 'Lowest'
2 '2nd'
3 '3rd'
4 '4th'
5 '5th'
6 '6th'
7 '7th'
8 '8th'
9 '9th'
10 'Highest'

Population: All households

Level: Household

Derivation:

SPSS code:

```
***CALCULATE QUINTILES FOR EQUIVALISED INCOME***

RECODE equivinc  (lo thru 10530.6533=1)
                 (10530.6534 thru 14627.1164=2)
                 (14627.1165 thru 18797.3684=3)
                 (18797.3685 thru 25048.7922=4)
                 (25048.7923 thru hi=5)  into EIncQuin.

VARIABLE LABELS EIncQuin 'Equivalised Household Annual Income - Quintiles'.

VALUE LABELS EIncQuin  1 'Lowest'
                       2 '2nd'
                       3 '3rd'
                       4 '4th'
                       5 'Highest'.


***CALCULATE DECILES FOR EQUIVALISED INCOME***
```

```
RECODE equivinc   (lo thru 8241.5094=1)
                  (8241.5095 thru 10530.6533=2)
                  (10530.6534 thru 12567.9758=3)
                  (12567.9759 thru 14627.1164=4)
                  (14627.1165 thru 16679.2453=5)
                  (16679.2454 thru 18797.3684=6)
                  (18797.3685 thru 21428.5714=7)
                  (21428.5715 thru 25048.7922=8)
                  (25048.7923 thru 31034.4828=9)
                  (31034.4829 thru hi=10)  into EIncDec.

VARIABLE LABELS EIncDec 'Equivalised Household Annual Income – Deciles'.


VALUE LABELS EIncDec   1 'Lowest'
                       2 '2nd'
                       3 '3rd'
                       4 '4th'
                       5 '5th'
                       6 '6th'
                       7 '7th'
                       8 '8th'
                       9 '9th'
                       10 'Highest'.
```

Household interviews (all questionnaires completed)

Variable Names	Variable labels
pcgmain	Primary Caregiver Q Completed
pcgsens	Primary Caregiver Sensitive Q Completed
scgmain	Secondary Caregiver Q Completed
scgsens	Secondary Caregiver Sensitive Q Completed
kidmain	Child Completed Main Child Questionnaire
kidcore	Child Completed Main Child Q
kidM	Child Completed Q on Main Carer
kidD	Child Completed Q on Secondary Carer
kidMP	Child Completed Q on Main Carer Partner
PiersHarris	Child Completed Piers Harris

Description of variable:
These variables flag the completion or non-completion of all household interviews, including the Piers-Harris.

Value labels:

pcgmain
pcgsens
scgmain
scgsens
kidmain
kidcore
kidM
kidD
kidMP
PiersHarris

0 'Not completed'
1 'Completed'

Population: All households

Level: Household

Derivation:

SPSS Code:

```
***HOUSEHOLD INTERVIEWS***

***COMPUTE household interviews***


FREQ VARS = mummain  mumsens  dadmain dadsens  kidmain kidcore kidM kidD  kidMP  kidDP.
do repeat x = mummain  mumsens  dadmain dadsens  kidmain kidcore kidM kidD  kidMP  kidDP.
if missing(x) x = 0.
end repeat.

VALUE LABELS mummain  mumsens  dadmain dadsens  kidmain kidcore kidM kidD  kidMP  kidDP 0 "Not
completed" 1 "Completed".
```