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DERIVED VARIABLES IN

WAVE 3

OF THE CHILD COHORT

(AT 17/18 YEARS)

OF

GROWING UP IN IRELAND

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Introduction

Some of the variables included in the Growing Up in Ireland dataset 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 (w3hhtype). 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.

	Derived Variables
1	Adult Identity Resolution Scale
2	Belief in the Value of Work
3	Support for sex equality
4	Ten item Personality Inventory (TIPI)
5	The Everyday Discrimination Scale
6	Inventory of Parent and Peer Attachment (IPPA)
7	AUDIT
8	Adolescent Sexual Activity Index
9	Eating Disorder Screen for Primary Care (ESP)
10	Rosenberg Self-esteem scale
11	Self-Control scale
12	Opposition to Authority scale
13	Self-efficacy Scale
14	Network of Relationships Inventory with mother/ father
15	Monitoring and Supervision Scale
16	Short Mood and Feeling Questionnaire (SMFQ)
17	Depression Anxiety and Stress Scale (DASS21)

18	Coping Strategies Indicator
19	Internet Addiction
20	Internal Locus of Control
21	Strengths and Difficulties Questionnaire (SDQ)
22	Dyadic Adjustment Scale (DAS)
23	Parental Stress Scale
24	Centre for Epidemiological Studies Depression Scale CES-D
25	FAST Alcohol Screening Test
26	Body Mass Index
27	Family Social Class
28	Household Type
29	Equivalised Income
30	Non-singleton
31	Completion Flags

1. The Adult Identity Resolution Scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_AIRS	YP score on the Adult Identity Resolution Scale (AIRS) Wave 3

Description of variable:

The Adult Identity Resolution scale was used to measure the extent to which the Young Person considered themselves to be an adult. The scale is a subscale of the Identity Resolution Index and has been used in other similar longitudinal studies (Longitudinal Study of Young People in England). The scale consisted of three questions scored on a five point scale from 1 *not at all true* to 5 *entirely true*.

Population: Young Person.

Level: Individual.

Derivation:

```
************************************************************.
**********1. Adult Identity Resolution Scale ******************
************************************************************.
RECODE cq3g3a cq3g3b cq3g3c (1=4) (2=3) (3=2) (4=1) (5=0) (ELSE=COPY) INTO consider_adult respect_adult feel_matured.
MISSING VALUES consider_adult respect_adult feel_matured (8, 9).
COMPUTE w3cq_AIRS= consider_adult + respect_adult + feel_matured.
VARIABLE LABELS w3cq_AIRS "YP score on the Adult Identity Resolution Scale (AIRS) Wave 3".
DELETE VARIABLES consider_adult respect_adult feel_matured.
```

2 Belief in the Value of Work

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_workbelief	YP Belief in the value of work Wave 3

Description of variable:

The Belief in the Value of Work scale is a five item measure examining how a person values work and being employed. A higher score indicates a belief that employment is important. This scale was adapted by researchers on the ESRC 16-19 Initiative research programme. The scale contains five statements rated on a four point scale from 1 *strongly agree* to 4 *strongly disagree*.

Value labels: None

Population: Young Person.

Level: Individual.

Derivation:

```
************************************************************.
*****2. Belief in the Value of Work******
************************************************************.
RECODE cq3g5a cq3g5b cq3g5c (4=1)(3=2)(2=3)(1=4)(else=copy) into work_society work_unemployed work_important.
COMPUTE w3cq_workbelief = work_society + work_unemployed + work_important + cq3g5d +cq3g5e.
VARIABLE LABELS w3cq_workbelief "YP Belief in the value of work Wave 3".
EXECUTE.
DELETE VARIABLES work_society  work_unemployed  work_important.
```

3 Support for sex equality

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_Sexequality	YP Support for sex equality - Wave 3

Description of variable:

The Support for Sex Equality scale measures gender discrimination. This scale was also adapted by researchers on the ESRC 16-19 Initiative research programme. The scale contains six statements rated on a four point scale from 1 *strongly agree* to 4 *strongly disagree*.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
************************************************************.
*****3. Support for Sex Equality Scale ******************
************************************************************.

RECODE cq3g6c cq3g6d cq3g6e cq3g6f (4=1) (3=2) (2=3) (1=4) into equality_chance equality_career equality_capable equality_house.
MISSING VALUES equality_chance equality_career equality_capable equality_house(8, 9).
COMPUTE w3_sexequality= cq3g6a + cq3g6b + equality_chance + equality_career + equality_capable + equality_house.
VARIABLE LABELS w3_Sexequality "YP Support for sex equality - Wave 3".
DELETE VARIABLES equality_chance equality_career equality_capable equality_house.

RENAME VARIABLES w3_Sexequality = w3cq_Sexequality.
```

4 The Ten Item Personality Inventory (TIPI)

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_extravert	YP TIPI extravert Subscale W3
w3cq_agreeable	YP TIPI agreeable Subscale W3
w3cq_conscientious	YP TIPI conscientious Subscale W3
w3cq_emotstab	YP TIPI emotional stability Subscale W3
w3cq_openness	YP TIPI openness Subscale W3
w3pc_extravert	PCG TIPI extravert Subscale W3
w3pc_agreeable	PCG TIPI agreeable Subscale W3
w3pc_conscientious	PCG TIPI conscientious Subscale W3
w3pc_emotstab	PCG TIPI emotional stability Subscale W3
w3pc_openness	PCG TIPI openness Subscale W3
w3sc_extravert	SCG TIPI extravert Subscale W3
w3sc_agreeable	SCG TIPI agreeable Subscale W3
w3sc_conscientious	SCG TIPI conscientious Subscale W3
w3sc_emotstab	SCG TIPI emotional stability Subscale W3
w3sc_openness	SCG TIPI openness Subscale W3

Description of variable:

Personality was measured using the Ten Item Personality Inventory (TIPI). The TIPI is a ten item scale measuring the five aspects of personality- Openness to Experience, Agreeableness, Conscientiousness, Extraversion and Neuroticism. Each personality dimension consists of two statements with two descriptors for each.

Value labels: None

Population: The Young Person, the PCG and the SCG (if applicable).

Level: Individual.

Derivation:

```
************************************************************.
***4. TIPI Scale
------------------------------------------------------------

***TIPI- Young Person reported

**Extraversion (higher scores more extraverted).
RECODE cq3g7a (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO extravert_1.
RECODE cq3g7f (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO extravert_2.
COMPUTE w3cq_extravert = (extravert_1 + extravert_2)/2.

***Agreeableness (higher scores more agreeable).
RECODE cq3g7b (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO agree_1.
```

```
RECODE cq3g7g (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO agree_2  .
COMPUTE w3cq_agreeable = (agree_1 + agree_2)/2.

***Conscientiousness.
RECODE cq3g7c (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO
conscientious_1.
RECODE cq3g7h (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO
conscientious_2  .
COMPUTE w3cq_conscientious = (conscientious_1 + conscientious_2)/2.

***Emotional stability.
RECODE cq3g7d (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO emot_1.
RECODE cq3g7i (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO emot_2  .
COMPUTE w3cq_emotstab = (emot_1 + emot_2)/2.

**Openness to new experiences.
RECODE cq3g7e  (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO open_1.
RECODE cq3g7j (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO open_2  .
COMPUTE w3cq_openness = (open_1 + open_2)/2.

VARIABLE LABELS  w3cq_agreeable  "YP TIPI agreeable Subscale W3  ".
VARIABLE LABELS  w3cq_extravert  "YP TIPI extravert Subscale W3  ".
VARIABLE LABELS  w3cq_conscientious "YP TIPI conscientious Subscale W3  ".
VARIABLE LABELS  w3cq_emotstab "YP TIPI emotional stability Subscale W3  ".
VARIABLE LABELS  w3cq_openness "YP TIPI openness Subscale W3  ".

DELETE VARIABLES extravert_1 extravert_2 agree_1 agree_2 conscientious_1 conscientious_2
emot_1 emot_2 open_1 open_2.


***TIPI- PCG reported about Young Person


**Extraversion.
RECODE pc3d2a (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO
pextravert_1.
RECODE pc3d2f (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO pextravert_2
.
COMPUTE w3pc_extravert = (pextravert_1 + pextravert_2)/2.

***Agreeableness.
RECODE pc3d2b (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO pagree_1.
RECODE pc3d2g (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO pagree_2  .
COMPUTE w3pc_agreeable = (pagree_1 + pagree_2)/2.

***Conscientiousness.
RECODE pc3d2c (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO
pconscientious_1.
RECODE pc3d2h (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO
pconscientious_2  .
COMPUTE w3pc_conscientious = (pconscientious_1 + pconscientious_2)/2.

***Emotional stability.
```

```
RECODE pc3d2d (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO pemot_1.
RECODE pc3d2i (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO pemot_2  .
COMPUTE w3pc_emotstab = (pemot_1 + pemot_2)/2.

**Openness to new experiences.
RECODE pc3d2e  (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO popen_1.
RECODE pc3d2j (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO popen_2  .
COMPUTE w3pc_openness = (popen_1 + popen_2)/2.

VARIABLE LABELS  w3pc_agreeable  "PCG TIPI agreeable Subscale W3  ".
VARIABLE LABELS  w3pc_extravert  "PCG TIPI extravert Subscale W3  ".
VARIABLE LABELS  w3pc_conscientious "PCG TIPI conscientious Subscale W3  ".
VARIABLE LABELS  w3pc_emotstab "PCG TIPI emotional stability Subscale W3  ".
VARIABLE LABELS  w3pc_openness "PCG TIPI openness Subscale W3  ".

DELETE VARIABLES pextravert_1 pextravert_2 pagree_1 pagree_2 pconscientious_1
pconscientious_2 pemot_1 pemot_2 popen_1 popen_2.


**** ***TIPI- SCG reported about Young Person


**Extraversion.
RECODE sc3c2a (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO sextravert_1.
RECODE sc3c2f (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO sextravert_2
.
COMPUTE w3sc_extravert = (sextravert_1 + sextravert_2)/2.


***Agreeableness.
RECODE sc3c2b (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO sagree_1.
RECODE sc3c2g (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO sagree_2  .
COMPUTE w3sc_agreeable = (sagree_1 + sagree_2)/2.


***Conscientiousness.
RECODE sc3c2c (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO
sconscientious_1.
RECODE sc3c2h (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO
sconscientious_2  .
COMPUTE w3sc_conscientious = (sconscientious_1 + sconscientious_2)/2.


***Emotional stability.
RECODE sc3c2d (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO semot_1.
RECODE sc3c2i (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO semot_2  .
COMPUTE w3sc_emotstab = (semot_1 + semot_2)/2.


**Openness to new experiences.
RECODE sc3c2e  (1=1)  (2=2)  (3=3)  (4=4)  (5=5) (6=6) (7=7) (8,9=SYSMIS)  INTO sopen_1.
RECODE sc3c2j (1=7)  (2=6)  (3=5)  (4=4)  (5=3) (6=2) (7=1) (8,9=SYSMIS)  INTO sopen_2  .
COMPUTE w3sc_openness = (sopen_1 + sopen_2)/2.
```

```
VARIABLE LABELS  w3sc_agreeable  "SCG TIPI agreeable Subscale W3  ".
VARIABLE LABELS  w3sc_extravert  "SCG TIPI extravert Subscale W3  ".
VARIABLE LABELS  w3sc_conscientious "SCG TIPI conscientious Subscale W3  ".
VARIABLE LABELS  w3sc_emotstab "SCG TIPI emotional stability Subscale W3  ".
VARIABLE LABELS  w3sc_openness "SCG TIPI openness Subscale W3  ".


EXECUTE.
DELETE VARIABLES sextravert_1 sextravert_2 sagree_1 sagree_2 sconscientious_1
sconscientious_2 semot_1 semot_2 sopen_1 sopen_2.
```

5 The Everyday Discrimination Scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_EDS	EDS discrimination scores YP W3

Description of variable:

The Everyday discrimination scale was a 5-item measure asking participants to indicate how frequently they feel they have experienced various forms of interpersonal mistreatment in their day-to-day lives, assessed on a six-point scale (0=never, 1= less than once a year, 2= a few times a year, 3= a few times a month, 4= at least once a week, 5= almost every day).

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
************************************************************.
*****5. The Everyday Discrimination Scale******************
************************************************************.

RECODE cq3sa4a cq3sa4b cq3sa4c cq3sa4d cq3sa4e (6=0) (5=1) (4=2) (3=3) (2= 4) (1=5) (else =
sysmis) into eds_respect eds_service eds_smart eds_afraid eds_threatened.

COMPUTE w3cq_EDS= (eds_respect + eds_service + eds_smart + eds_afraid + eds_threatened)/5.
VARIABLE LABELS w3cq_EDS "EDS discrimination scores YP W3".
EXECUTE.

DELETE VARIABLES eds_respect eds_service eds_smart eds_afraid eds_threatened.
```

6 Inventory of Parent and Peer Attachment (IPPA).

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_peeratt_trust	IPPA Level of peer trust YP W3 (10 items)
w3cq_peeratt_Communication	IPPA Level of peer Communication YP W3 (8 items)
w3cq_peeratt_alienation	IPPA alienation subscale - YP Wave 3 (7 items)
w3cq_peer_attachment	IPPA Peer attachment total summary score

Description of variable:

The Inventory of Parent and Peer Attachment (IPPA) scale that was included at age 17/18 of ***Growing Up in Ireland*** focused on peer attachment. The scale comprised of 25 items measured on a five point scale from 1 *almost never or never true* to 5 *almost always or always true*. The scale measured three broad dimensions of attachment: degree of mutual trust; quality of communication; and extent of anger and alienation.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
************************************************************.
*****6. Inventory of Parent and Peer Attachment ******************
************************************************************.

RECODE cq3sa7e cq3sa7d cq3sa7i cq3sa7j cq3sa7k cq3sa7r cq3sa7v cq3sa7w
(1=5)(2=4)(3=3)(4=2)(5=1)(ELSE=COPY) INTO
Rcq3sa7e Rcq3sa7d Rcq3sa7i Rcq3sa7j Rcq3sa7k Rcq3sa7r Rcq3sa7v Rcq3sa7w .



***PEER SUBSCALES.
*Trust (10 items).
COMPUTE w3cq_peeratt_trust=SUM.8(Rcq3sa7e, cq3sa7f, cq3sa7h, cq3sa7l, cq3sa7m, cq3sa7n,
cq3sa7o, cq3sa7s, cq3sa7t, cq3sa7u).
VARIABLE LABELS w3cq_peeratt_trust 'IPPA Level of peer trust YP W3 (10 items)'.

*Communication (8 items).
COMPUTE w3cq_peeratt_Communication=sum.6(cq3sa7a, cq3sa7b, cq3sa7c, cq3sa7g, cq3sa7p,
cq3sa7q, cq3sa7x, cq3sa7y).
```

```
VARIABLE LABELS w3cq_peeratt_communication 'IPPA Level of peer Communication YP W3 (8 items)'.

*Alienation (7 items).
COMPUTE w3cq_peeratt_alienation=sum.5(cq3sa7d, cq3sa7i, cq3sa7j, cq3sa7k, cq3sa7r, cq3sa7v, cq3sa7w).
VARIABLE LABELS w3cq_peeratt_alienation 'IPPA alienation subscale - YP Wave 3 (7 items)'.

COMPUTE Rw3cq_peeratt_alienation=sum.5(Rcq3sa7d, Rcq3sa7i, Rcq3sa7j, Rcq3sa7k, Rcq3sa7r, Rcq3sa7v, Rcq3sa7w).
VARIABLE LABELS Rw3cq_peeratt_alienation 'REVERSED FOR TOTAL IPPA alienation subscale - YP Wave 3 (7 items)'.

*Total peer attachement summary score.
COMPUTE w3cq_peer_attachment=w3cq_peeratt_trust + w3cq_peeratt_communication + Rw3cq_peeratt_alienation.
VARIABLE LABELS w3cq_peer_attachment 'IPPA Peer attachment total summary score'.

*FREQUENCIES peeratt_Trust peeratt_Communication peeratt_Alienation peeratt_trust peer_Attachment.
EXECUTE.
DELETE VARIABLES Rcq3sa7e Rcq3sa7d Rcq3sa7i Rcq3sa7j Rcq3sa7k Rcq3sa7r Rcq3sa7v Rcq3sa7w Rw3cq_peeratt_alienation.
```

7 AUDIT

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_AUDIT_total	Total AUDIT score YP W3

Description of variable:

The AUDIT is a 10-item screening tool developed by the World Health Organization (WHO) to determine if a person's alcohol consumption may be harmful.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***7. AUDIT*****

RECODE cq3sb6i cq3sb6j (0=0)(1=2) (2=4)(Missing=Copy).
ADD VALUE LABELS cq3sb6i cq3sb6j 0"No" 2"Yes, but not in last year" 4"Yes, in last year".

COMPUTE w3cq_AUDIT_total = cq3sb6a +cq3sb6b +cq3sb6c+cq3sb6d+cq3sb6e
+cq3sb6f+cq3sb6g+cq3sb6h+cq3sb6i+cq3sb6j.

VARIABLE LABELS w3cq_AUDIT_total 'Total AUDIT score  YP W3'.
```

8 Adolescent Sexual Activity Index

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_level	Young Person Level of Sexual Activity

Description of variable:

Sexual behaviour was measured using an 11-item scale adapted from the Adolescent Sexual Activity Index, used to measure the spectrum of sexual behaviours typical of adolescents.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***8. Adolescent Sexual Activity Index*****

COMPUTE hands=0.
IF cq3sd7a =1 hands=1.

COMPUTE alone=0.
IF cq3sd7b=1 alone=1.

COMPUTE kiss=0.
IF cq3sd7c=1 kiss=1.

COMPUTE cuddle=0.
IF cq3sd7d=1 cuddle=1.

COMPUTE Under_your_clothing=0.
IF cq3sd7e=1 Under_your_clothing=1.

COMPUTE Under_their_clothing=0.
IF cq3sd7f=1 Under_their_clothing=1.
```

```
COMPUTE fondled_parts=0.
IF cq3sd7g=1 fondled_parts=1.

COMPUTE fondled_your_parts=0.
IF cq3sd7h=1 fondled_your_parts=1.

COMPUTE undress=0.
IF cq3sd7i=1 undress=1.

COMPUTE oral=0.
IF cq3sd7j=1 oral=1.

COMPUTE intercourse=0.
IF cq3sd7k=1 intercourse=1.

IF sysmis(cq3sd7a) hands = $sysmis.
IF sysmis(cq3sd7a) alone = $sysmis.
IF sysmis(cq3sd7a) kiss = $sysmis.
IF sysmis(cq3sd7a) cuddle= $sysmis.
IF sysmis(cq3sd7a) under_your_clothing= $sysmis.
IF sysmis(cq3sd7a) under_their_clothing= $sysmis.
IF sysmis(cq3sd7a) fondled_parts= $sysmis.
IF sysmis(cq3sd7a) fondled_your_parts= $sysmis.
IF sysmis(cq3sd7a) undress= $sysmis.
IF sysmis(cq3sd7a) oral= $sysmis.
IF sysmis(cq3sd7a) intercourse= $sysmis.


Compute level=0.
IF (intercourse=1) level=11.
IF (oral=1 and level=0) level=10.
IF (undress=1 and level=0) level=9.
IF (fondled_your_parts=1 and level=0) level=8.
IF (fondled_parts=1 and level=0) level=7.
IF (under_their_clothing=1 and level=0) level=6.
```

```
IF (under_your_clothing= 1 and level=0) level= 5.
IF (cuddle=1 and level=0) level=4.
IF (kiss=1 and level=0) level=3.
IF (alone=1 and level=0) level=2.
IF (hands=1 and level=0) level=1.

RENAME VARIABLES level= w3cq_level.

VARIABLE LABELS w3cq_level 'Young Person Level of Sexual Activity'.

DELETE VARIABLES  hands alone kiss cuddle Under_your_clothing
Under_their_clothing fondled_parts fondled_your_parts undress oral intercourse.
```

9 Eating disorder Screen for Primary care

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_total_ESP	Eating disorder Screen -total w3

Description of variable:

Prevalence of eating disorders was measured using the Eating Disorder Screen for Primary Care. The screening measure consists of five statements which professionals use to screen for eating disorders.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***9. Eating disorder Screen for Primary care*****

RECODE cq3sf5a (1=0)(2=1).
RECODE cq3sf5b cq3sf5c cq3sf5d cq3sf5e (2=0)(1=1).
ADD VALUE LABELS cq3sf5a cq3sf5b cq3sf5c cq3sf5d cq3sf5e 0"Not abonormal reponse" 1"abnormal response".

COMPUTE w3cqtotalESP= cq3sf5a+cq3sf5b+cq3sf5c+cq3sf5d+cq3sf5e.
VARIABLE LABELS w3cq_totalESP 'Eating disorder Screen-total w3'.
```

10 Rosenberg Self-Esteem scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_selfesteem_total	Summary score Rosenberg Self-esteem scale - 6 items w3

Description of variable:

Self-esteem was measured using the Rosenberg Self-Esteem scale. The original ten item Rosenberg Self-Esteem scale was reduced to six items rated on a 4-point scale ranging from 1 (*strongly disagree*) to 4 (*strongly agree*).

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***10. Rosenberg Self-Esteem Scale*****

RECODE  cq3sg1a cq3sg1c cq3sg1f (1=3)(2=2)(3=1)(4=0).
ADD VALUE LABELS cq3sg1a cq3sg1c cq3sg1f 0 'Strongly disagree' 1 'Disagree' 2 'Agree' 3 'Strongly agree'.

RECODE  cq3sg1b cq3sg1d cq3sg1e (1=0)(2=1)(3=2)(4=3).
ADD VALUE LABELS cq3sg1b cq3sg1d cq3sg1e 0 'Strongly agree' 1 'Agree' 2 'Disagree' 3 'Strongly disagree'.

COMPUTE w3cq_selfesteem_total= cq3sg1a +cq3sg1c+ cq3sg1f+ cq3sg1b+ cq3sg1d+ cq3sg1e.
VARIABLE LABELS w3cq_selfesteem_total "Summary score Rosenberg Self-esteem scale- 6 items w3".
```

11 Self-Control scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_sg2control	Level of self-control-10 items

Description of variable:

The self-control scale consisted of ten items rated on a 5-point scale from 1 *not at all like me* to 5 *very like me*. Higher scores indicate greater self-control.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***11. Locus of Control scale *****

RECODE cq3sg2a cq3sg2b cq3sg2c cq3sg2g cq3sg2h cq3sg2i cq3sg2j (1=5) (2=4) (3=3) (4=2) (5=1) (8, 9= sysmis) into rcq3sg2a rcq3sg2b rcq3sg2c rcq3sg2g rcq3sg2h rcq3sg2i rcq3sg2j.

COMPUTE  w3cq_sg2control= (rcq3sg2a + rcq3sg2b + rcq3sg2c + cq3sg2d + cq3sg2e + cq3sg2f + rcq3sg2g + rcq3sg2h + rcq3sg2i + rcq3sg2j) / 10.

VARIABLE LABELS w3cq_sg2control "Level of self-control-10 items".

DELETE VARIABLES rcq3sg2a rcq3sg2b rcq3sg2c rcq3sg2g rcq3sg2h rcq3sg2i rcq3sg2j.
```

12 Opposition to Authority Scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_authority	Total score- Opposition to Authoirty scale

Description of variable:

Opposition to Authority was measured using an eight item scale from the UK-based ESRC 16-19 Initiative research programme. Each item on the Opposition to Authority scale was measured from '*strongly agree*' to '*strongly disagree'*.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***12. Opposition to Authority scale *****

RECODE cq3sg3a cq3sg3b cq3sg3d cq3sg3e cq3sg3f cq3sg3g (1=4)(2=3)(3=2)(4=1)(8, 9=sysmis) into rcq3sg3a rcq3sg3b rcq3sg3d rcq3sg3e rcq3sg3f rcq3sg3g.

COMPUTE w3cq_authority=rcq3sg3a+ rcq3sg3b+ cq3sg3c+ rcq3sg3d+ rcq3sg3e+ rcq3sg3f+ rcq3sg3g+ cq3sg3h.

VARIABLE LABELS w3cq_authority "Total score- Opposition to Authority scale".

DELETE VARIABLES rcq3sg3a rcq3sg3b rcq3sg3d rcq3sg3e rcq3sg3f rcq3sg3g.
```

13 Self-Efficacy Scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_selfefficacy	Total self-efficacy score

Description of variable:

The self-efficacy scale used in the present study (Sherer et al., 1982) was adapted by researchers on the ESRC 16-19 Initiative research programme. The adapted version contains 6 items relating to general self-efficacy ('If I can't do a job the first time I keep trying until I can') and social self-efficacy ('I find it easy to make new friends') with four answer categories ranging from '*strongly agree'* to '*strongly disagree*'.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***13. Self-Efficacy Scale *****

RECODE cq3sg4a cq3sg4b cq3sg4c (1=4) (2=3) (3=2) (4=1)(ELSE=COPY) INTO rcq3sg4a rcq3sg4b rcq3sg4c.
MISSING VALUES rcq3sg4a rcq3sg4b rcq3sg4c (8,9).

COMPUTE w3cq_selfefficacy=rcq3sg4a+rcq3sg4b+rcq3sg4c+ cq3sg4d+ cq3sg4e+ cq3sg4f.
VARIABLE LABELS w3cq_selfefficacy 'Total self-efficacy score'.

DELETE VARIABLES rcq3sg4a rcq3sg4b rcq3sg4c.
```

14 Network of Relationships Inventory with mother/ father

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_mintimacy	Mother Intimacy subscale
w3cq_madmiration	Mother Admiration subscale
w3cq_mconflict	Mother Conflict subscale
w3cq_munreliability	Mother Unreliability subscale
w3cq_mwithdrawl	Mother Fear of love withdrawal
w3cq_fintimacy	Father Intimacy subscale
w3cq_fadmiration	Father Admiration subscale
w3cq_fconflict	Father Conflict subscale
w3cq_funreliability	Father Unreliability subscale
w3cq_fwithdrawl	Father Fear of love withdrawal

Description of variable:

Questions on the relationship with mother and father are taken from measures used by the German PAIRFAM study (Thonnissen et al, 2014). The Young Person reports on four dimensions of their relationship with their parents: 'intimacy', 'admiration', 'conflict' and 'reliability'. Each subscale comprises of two items rated on a five-point Likert scale that goes from 'never' to 'always'. A fifth dimension, 'fear of love withdrawal', has three items with a five-point scale ranging from 'not at all true' to 'completely true'. All questions were asked separately about mothers and fathers.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
*************************************************************************************
***14. Network of Relationships Inventory with Mother/ Father *****
*************************************************************************************

COMPUTE w3cq_mintimacy= cq3sh2a + cq3sh2b.
VARIABLE LABELS w3cq_mintimacy 'Mother Intimacy subscale'.

****admiration

COMPUTE w3cq_madmiration= cq3sh2c + cq3sh2d.
VARIABLE LABELS w3cq_madmiration 'Mother Admiration subscale'.
```

*******conflict

COMPUTE w3cq_mconflict= cq3sh2e + cq3sh2f.
VARIABLE LABELS w3cq_mconflict 'Mother Conflict subscale'.

********unreliability

COMPUTE w3cq_munreliability= cq3sh2g + cq3sh2h.
VARIABLE LABELS w3cq_munreliability 'Mother Unreliability subscale'.

*******Fear of love withdrawal
COMPUTE w3cq_mwithdrawl= cq3sh3a + cq3sh3b + cq3sh3c.
VARIABLE LABELS w3cq_mwithdrawl 'Mother Fear of love withdrawal'.

***FATHER.

***Intimacy

COMPUTE w3cq_fintimacy= cq3sh6a + cq3sh6b.
VARIABLE LABELS w3cq_fintimacy ' Father Intimacy subscale'.

****admiration

COMPUTE w3cq_fadmiration= cq3sh6c + cq3sh6d.
VARIABLE LABELS w3cq_fadmiration 'Father Admiration subscale'.

*******conflict

COMPUTE w3cq_fconflict= cq3sh6e + cq3sh6f.
VARIABLE LABELS w3cq_fconflict 'Father Conflict subscale'.

********unreliability

COMPUTE w3cq_funreliability= cq3sh6g + cq3sh6h.

```
VARIABLE LABELS w3cq_funreliability 'Father Unreliability subscale'.

*******Fear of love withdrawal

COMPUTE w3cq_fwithdrawl= cq3sh7a + cq3sh7b + cq3sh7c.
VARIABLE LABELS w3cq_fwithdrawl 'Fear of love withdrawal'.
```

15 Monitoring and Supervision Scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3TOT_pcmon_PCG	PCG monitoring W3
w3TOT_pcdis_PCG	PCG disclosure W3
w3TOT_scmon_SCG	SCG monitoring W3
w3TOT_scdis_SCG	SCG disclosure W3
w3TOT_con_YP	Young Person report control W3

Description of variable:

Three subscales from the monitoring and supervision scale were used to measure parental monitoring and youth disclosure. The Parental Monitoring and Youth Disclosure subscales were used in both the Primary and Secondary Caregiver questionnaires and the Control subscale was included in the Young Person Main Questionnaire.

Value labels: None

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

Level: Individual.

Derivation:

```
*****************************************************************.
***15. MONITORING, DISCLOSURE AND SUPERVISION
*****************************************************************.

*****PCG
****Monitoring*****

RECODE pc3c4a pc3c4b pc3c4c pc3c4d pc3c4e pc3c4f pc3c4g pc3c4h
(1=1)(2=2)(3=3)(4=4)(5=5)(6=0)(8, 9=sysmis) INTO pcmon1 pcmon2 pcmon3 pcmon4 pcmon5
pcmon6 pcmon7 pcmon8.
RECODE pc3c4i (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8,9=sysmis) INTO pcmon9.
COMPUTE w3TOT_pcmon_PCG= (pcmon1+ pcmon2 + pcmon3 + pcmon4 + pcmon5 + pcmon6
+ pcmon7 + pcmon8 + pcmon9).
VARIABLE LABELS w3TOT_pcmon_PCG "PCG monitoring W3".

*****disclosure *****

RECODE pc3c5a pc3c5b pc3c5e (1=1)(2=2)(3=3)(4=4)(5=5)(6=0)(8, 9=sysmis) INTO pcdis1
pcdis2 pcdis5.
RECODE pc3c5c pc3c5d (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8, 9=SYSMIS) INTO pcdis3 pcdis4.
COMPUTE w3TOT_pcdis_PCG =(pcdis1 + pcdis2 + pcdis3 + pcdis4 + pcdis5).
VARIABLE LABELS w3TOT_pcdis_pcg "PCG disclosure W3".
EXECUTE.
```

```
DELETE VARIABLES pcmon1 pcmon2 pcmon3 pcmon4 pcmon5 pcmon6 pcmon7 pcmon8
pcmon9 pcdis1 pcdis2 pcdis3 pcdis4 pcdis5.

****SCG

**monitoring subscale*****
RECODE sc3b2a sc3b2b sc3b2c sc3b2d sc3b2e sc3b2f sc3b2g sc3b2h
(1=1)(2=2)(3=3)(4=4)(5=5)(6=0)(8, 9=sysmis) INTO scmon1 scmon2 scmon3 scmon4 scmon5
scmon6 scmon7 scmon8.
RECODE sc3b2i (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8,9=sysmis) INTO scmon9.
COMPUTE w3TOT_scmon_SCG= (scmon1+ scmon2 + scmon3 + scmon4 + scmon5 + scmon6 +
scmon7 + scmon8 + scmon9).
VARIABLE LABELS w3TOT_scmon_SCG "SCG monitoring W3".

*****disclosure *****

RECODE sc3b3a sc3b3b sc3b3e (1=1)(2=2)(3=3)(4=4)(5=5)(6=0)(8, 9=sysmis) INTO scdis1
scdis2 scdis5.
RECODE sc3b3c sc3b3d(1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8, 9=SYSMIS) INTO scdis3 scdis4.
COMPUTE w3TOT_scdis_SCG =(scdis1 + scdis2 + scdis3 + scdis4 + scdis5).
VARIABLE LABELS w3TOT_scdis_scg "SCG disclosre W3".
EXECUTE.

DELETE VARIABLES scmon1 scmon2 scmon3 scmon4 scmon5 scmon6 scmon7 scmon8 scmon9
scdis1 scdis2 scdis3 scdis4 scdis5.


***Young Person reported control*****

RECODE cq3sh12a cq3sh12b cq3sh12c cq3sh12d cq3sh12e cq3sh12f
(1=1)(2=2)(3=3)(4=4)(5=5)(6=0)(8, 9=SYSMIS) INTO con1 con2 con3 con4 con5 con6.
COMPUTE w3TOT_con_YP=(con1+con2+con3+con4+con5+con6).
VARIABLE LABELS w3TOT_con_YP "Young Person report control W3".
EXECUTE.

DELETE VARIABLES con1 con2 con3 con4 con5 con6.
```

16 Short Mood and Feeling Questionnaire

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_SMFQ_total	Short Mood and Feelings Questionnaire (SMFQ) Total score - Wave 3

Description of variable:

The Short Mood and Feelings Questionnaire (SMFQ) was chosen for use in the ***Growing Up in Ireland*** as it is a brief (13-item) self-report measure, and is an easy-to-administer measure of adolescent depression. The informant rates each statement *as true, sometimes true, or not true*, over the past two weeks.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

****

16. **Short Mood and Feelings Questionnaire**

RECODE cq3sj1a cq3sj1b cq3sj1c cq3sj1d cq3sj1e cq3sj1f cq3sj1g cq3sj1h cq3sj1i cq3sj1j cq3sj1k cq3sj1l cq3sj1m (3=0) (2=1)(1=2) (8,9=sysmis) INTO rcq3sj1a rcq3sj1b rcq3sj1c rcq3sj1d rcq3sj1e rcq3sj1f rcq3sj1g rcq3sj1h rcq3sj1i rcq3sj1j rcq3sj1k rcq3sj1l rcq3sj1m.
VALUE LABELS rcq3sj1a rcq3sj1b rcq3sj1c rcq3sj1d rcq3sj1e rcq3sj1f rcq3sj1g rcq3sj1h rcq3sj1i rcq3sj1j rcq3sj1k rcq3sj1l rcq3sj1m 0 'Not true' 1 'Sometimes’ 2 'True'.
MISSING VALUES rcq3sj1a rcq3sj1b rcq3sj1c rcq3sj1d rcq3sj1e rcq3sj1f rcq3sj1g rcq3sj1h rcq3sj1i rcq3sj1j rcq3sj1k rcq3sj1l rcq3sj1m (8, 9).

COMPUTE w3cq_SMFQ_total= SUM.12(rcq3sj1a, rcq3sj1b, rcq3sj1c, rcq3sj1d, rcq3sj1e, rcq3sj1f, rcq3sj1g, rcq3sj1h, rcq3sj1i, rcq3sj1j, rcq3sj1k, rcq3sj1l, rcq3sj1m).
VARIABLE LABELS w3cq_SMFQ_total 'Short Mood and Feelings Questionnaire (SMFQ) Total score - Wave 3'.

DELETE VARIABLES rcq3sj1a rcq3sj1b rcq3sj1c rcq3sj1d rcq3sj1e rcq3sj1f rcq3sj1g rcq3sj1h rcq3sj1i rcq3sj1j rcq3sj1k rcq3sj1l rcq3sj1m.

17 DASS21 – Anxiety subscale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_DASS_anxiety	DASS- Total Anxiety subscale

Description of variable:

Anxiety at age 17/18years of ***Growing up in Ireland*** will be measured using the DASS anxiety subscale. The DASS anxiety subscale contains 7 items assessing autonomic arousal, skeletal muscle effects, situational anxiety, and subjective experience of anxious affect. The 7-items are rated on a 4 point with responses of '*Did not apply to me at all*', '*Applied to me to some degree'*, '*Applied to me a considerable degree*' and '*Applied to me very much'*.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***17. DASS21: Anxiety subscale*****

RECODE cq3sj2a cq3sj2b cq3sj2c cq3sj2d cq3sj2e cq3sj2f cq3sj2g (1=0) (2=1) (3=2) (4=3) (ELSE=COPY) INTO rcq3sj2a rcq3sj2b rcq3sj2c rcq3sj2d rcq3sj2e rcq3sj2f rcq3sj2g.
MISSING VALUES rcq3sj2a rcq3sj2b rcq3sj2c rcq3sj2d rcq3sj2e rcq3sj2f rcq3sj2g (8,9).
VALUE LABELS rcq3sj2a rcq3sj2b rcq3sj2c rcq3sj2d rcq3sj2e rcq3sj2f rcq3sj2g
      0 'Did not apply to me at all'
      1'Applied to me to some degree, or some of the time'
      2 'Applied to me to a considerable degree, or a good part of time'
      3'Applied to me very much, or most of the time'.

COMPUTE w3cq_DASS_anxiety= rcq3sj2a+ rcq3sj2b+ rcq3sj2c+ rcq3sj2d+ rcq3sj2e+ rcq3sj2f +rcq3sj2g.
VARIABLE LABELS w3cq_DASS_anxiety 'DASS- Total Anxiety subscale'.
DELETE VARIABLES rcq3sj1a rcq3sj1b rcq3sj1c rcq3sj1d rcq3sj1e rcq3sj1f rcq3sj1g rcq3sj1h rcq3sj1i rcq3sj1j rcq3sj1k rcq3sj1l rcq3sj1m.
```

18 Coping Strategy Indicator

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_CSI_probsolving	Coping Strategy indicator - problem solving subscale YP W3
w3cq_CSI_support	Coping Strategy indicator - seeking social support subscale YP W3
w3cq_CSI_avoidance	Coping Strategy indicator - avoidance subscale YP W3

Description of variable:

Three coping strategies were assessed using a measure of coping derived from the Coping Strategy Indicator. These are: problem solving, seeking social support, and avoidance coping. Higher scores on problem solving and seeking social support, and lower scores on avoidance indicate more adjusted coping strategies.

Value labels: None

Population: The Young Person.

Level: Individual.

Derivation:

```
**********
***18. Coping Strategies Indicator*****

COMPUTE  w3cq_CSI_probsolving=cq3sl4b+cq3sl4e+cq3sl4h+cq3sl4k+cq3sl4n.
VARIABLE LABELS w3cq_CSI_probsolving "Coping Strategy indicator - problem solving subscale YP W3".

*Seeking support (4 items).
COMPUTE w3cq_CSI_support=cq3sl4c+cq3sl4f+cq3sl4i+cq3sl4l.
VARIABLE LABELS w3cq_CSI_support "Coping Strategy indicator - seeking social support subscale YP W3".

*Avoidance (6 items).
COMPUTE w3cq_CSI_avoidance = cq3sl4a+cq3sl4d+cq3sl4g+cq3sl4j+cq3sl4m+cq3sl4o.
VARIABLE LABELS w3cq_CSI_avoidance "Coping Strategy indicator - avoidance subscale YP W3".
```

19 Internet addiction

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_internetaddict	Internet Addiction total score

Description of variable:

The measure used in the current wave of ***Growing Up in Ireland*** was used in the EU Kids Online survey. The measure used has 6 statements with answer categories ranging from Never or almost never, Not very often, and Very or fairly often. An individual is considered an addict if all six components are present.

Value labels: None

Population: All Households.

Level: Individual.

Derivation:

```
**********
***19 Internet Addict *****

RECODE cq3sn4a cq3sn4b cq3sn4c cq3sn4d cq3sn4e cq3sn4f (3=1) (2=0) (1=0) into rcq3sn4a rcq3sn4b rcq3sn4c rcq3sn4d rcq3sn4e rcq3sn4f.
COMPUTE internetaddict= rcq3sn4a + rcq3sn4b + rcq3sn4c + rcq3sn4d + rcq3sn4e + rcq3sn4f.
VARIABLE LABELS internetaddict 'Internet Addiction total score'.
EXECUTE.

RENAME VARIABLES internetaddict= w3cq_internetaddict.
DELETE VARIABLES rcq3sn4a rcq3sn4b rcq3sn4c rcq3sn4d rcq3sn4e rcq3sn4f.
```

20 Internal Locus of Control

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3cq_ILCtot	Total score for Internal Locus of Control

Description of variable:

The scale included in the study was derived from the Rotter locus of control scale (Rotter, 1966). The scale consisted of five items measured on a six point scale from '1' *strongly agree* to '6' *strongly disagree*.

Value labels: None

Population: All Households.

Level: Individual.

Derivation:

```
**********
***20 Internal Locus of Control*****

RECODE cq3sn5a cq3sn5b cq3sn5c cq3sn5d cq3sn5e (1=6) (2=5) (3=4) (4=3) (2=5) (6=1) into rcq3sn5a rcq3sn5b rcq3sn5c rcq3sn5d rcq3sn5e.
COMPUTE w3cq_ICLtot = rcq3sn5a + rcq3sn5b + rcq3sn5c + rcq3sn5d + rcq3sn5e.
VARIABLE LABELS w3cq_ICLtot 'Total score for Internal Locus of Control'.

DELETE VARIABLES rcq3sn5a rcq3sn5b rcq3sn5c rcq3sn5d rcq3sn5e.
```

21 Strength and Difficulties questionnaire- Reported by the PCG/SCG

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3pcg_SDQemotional	SDQ Emotional subscale - PCG Wave 3
w3pcg_SDQconduct	SDQ Conduct subscale - PCG Wave 3
w3pcg_SDQhyper	SDQ Hyperactivity subscale-PCG Wave 3
w3pcg_SDQpeerprobs	SDQ Peer problems subscale - PCG Wave 3
w3pcg_SDQprosocial	SDQ Prosocial subscale - PCG Wave 3
w3pcg_SDQtotaldiffs	SDQ Total difficulties score - PCG Wave 3
w3scg_SDQemotional	SDQ Emotional subscale - SCG Wave 3
w3scg_SDQconduct	SDQ Conduct subscale - SCG Wave 3
w3scg_SDQhyper	SDQ Hyperactivity subscale - SCG Wave 3
w3scg_SDQpeerprobs	SDQ Peer problems subscale - SCG Wave 3
w3scg_SDQprosocial	SDQ Prosocial subscale - SCG Wave 3
w3scg_SDQtotaldiffs	SDQ Total difficulties score - SCG Wave 3

Description of variable:

The Strengths and Difficulties questionnaire (SDQ) (Goodman, 1997) is a brief (25-item) measure of prosocial behaviour and psychopathology of children aged 3 to 16 years that can be completed by parents, teachers, or children themselves. The instrument produces scores for five sub-scales: Emotional Symptoms, Conduct Problems, Hyperactivity/Inattention, Peer Problems and Prosocial Behaviour. Each sub-scale comprises of five items. Respondents are required to rate their level of agreement with each item on a three-point scale indicating whether the item *is not true, somewhat true or certainly true*.

Value labels: None

Population: PCG and SCG (if applicable).

Level: Individual.

Derivation:

```
**********
***21 Strengths and Difficulties Questionnaire*****

RECODE
 pc3d1a
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pconsider.
EXECUTE.
```

```
RECODE
 pc3d1b
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO prestless.
EXECUTE .

RECODE
  pc3d1c
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pcomplains.
EXECUTE .

RECODE
  pc3d1d
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pshares.
EXECUTE .

RECODE
 pc3d1e
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  ptempers.
EXECUTE .

RECODE
  pc3d1f
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  psolitary.
EXECUTE .

RECODE
  pc3d1g
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO  pobedient.
EXECUTE .

RECODE
 pc3d1h
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pworries.
EXECUTE .
```

```
RECODE
 pc3d1i
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  phelpful .
EXECUTE .

RECODE
pc3d1j
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pfidgety.
EXECUTE .

RECODE
 pc3d1k
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO pfriend.
EXECUTE .

RECODE
 pc3d1l
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pfights.
EXECUTE .

RECODE
 pc3d1m
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  punhappy.
EXECUTE .

RECODE
pc3d1n
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO  pliked.
EXECUTE .

RECODE
 pc3d1o
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pdistract.
EXECUTE .
```

```
RECODE
pc3d1p
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO pnervous.
EXECUTE .

RECODE
 pc3d1q
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO pkind.
EXECUTE .

RECODE
 pc3d1r
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO plies.
EXECUTE .

RECODE
 pc3d1s
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO pbullied.
EXECUTE .

RECODE
 pc3d1t
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO pvolunteers.
EXECUTE .

RECODE
 pc3d1u
 (1=2) (2=1) (3=0) (9=SYSMIS) INTO pthinks.
EXECUTE .

RECODE
 pc3d1v
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO psteals.
EXECUTE .
```

```
RECODE
 pc3d1w
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pgetson.
EXECUTE .

RECODE
 pc3d1x
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  pfears.
EXECUTE .

RECODE
 pc3d1y
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO  pattention.
EXECUTE .

COMPUTE w3pcg_SDQemotional =RND(MEAN.3( pcomplains, pworries, punhappy, pnervous, pfears)*5) .
EXECUTE.
COMPUTE w3pcg_SDQconduct = RND(MEAN.3( ptempers , pobedient , pfights , plies , psteals) *5).
EXECUTE.
COMPUTE w3pcg_SDQhyper = RND(MEAN.3( prestless , pfidgety , pdistract , pthinks , pattention)*5) .
EXECUTE.
COMPUTE w3pcg_SDQpeerprobs = RND(MEAN.3( psolitary , pfriend , pliked , pbullied , pgetson)*5) .
EXECUTE.
COMPUTE w3pcg_SDQprosocial = RND(MEAN.3( pconsider , pshares , phelpful , pkind , pvolunteers)*5) .
EXECUTE.
COMPUTE w3pcg_SDQtotaldiffs = w3pcg_SDQemotional + w3pcg_SDQconduct + w3pcg_SDQhyper + w3pcg_SDQpeerprobs.
EXECUTE.

VARIABLE LABELS w3pcg_SDQemotional "SDQ Emotional subscale - PCG Wave 3".
VARIABLE LABELS w3pcg_SDQconduct  "SDQ Conduct subscale - PCG Wave 3".
```

```
VARIABLE LABELS w3pcg_SDQhyper  "SDQ Hyperactivity subscale - PCG Wave 3".
VARIABLE LABELS w3pcg_SDQpeerprobs "SDQ Peer problems subscale - PCG Wave 3".
VARIABLE LABELS w3pcg_SDQprosocial   "SDQ Prosocial subscale - PCG Wave 3".
VARIABLE LABELS w3pcg_SDQtotaldiffs "SDQ Total difficulties score - PCG Wave 3".

DELETE VARIABLES pcomplains pworries punhappy pnervous pfears  ptempers  pobedient pfights  plies  psteals prestless  pfidgety  pdistract  pthinks  pattention psolitary  pfriend  pliked pbullied  pgetson pconsider  pshares  phelpful  pkind  pvolunteers.

*****SCG
RECODE
sc3c1a
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  sconsider.
EXECUTE.

RECODE
 sc3c1b
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO srestless.
EXECUTE .

RECODE
  sc3c1c
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  scomplains.
EXECUTE .

RECODE
  sc3c1d
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  sshares.
EXECUTE .

RECODE
 sc3c1e
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  stempers.
EXECUTE .
```

```
RECODE
 sc3c1f
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO ssolitary.
EXECUTE .

RECODE
 sc3c1g
 (1=2) (2=1) (3=0) (9=SYSMIS) INTO sobedient.
EXECUTE .

RECODE
 sc3c1h
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO sworries.
EXECUTE .

RECODE
 sc3c1i
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO shelpful .
EXECUTE .

RECODE
sc3c1j
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO sfidgety.
EXECUTE .

RECODE
 sc3c1k
 (1=2) (2=1) (3=0) (9=SYSMIS) INTO sfriend.
EXECUTE .

RECODE
 sc3c1l
 (1=0) (2=1) (3=2) (9=SYSMIS) INTO sfights.
EXECUTE .

RECODE
```

```
 sc3c1m
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  sunhappy.
EXECUTE .

RECODE
sc3c1n
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO  sliked.
EXECUTE .

RECODE
 sc3c1o
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  sdistract.
EXECUTE .

RECODE
sc3c1p
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  snervous.
EXECUTE .

RECODE
 sc3c1q
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  skind.
EXECUTE .

RECODE
 sc3c1r
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  slies.
EXECUTE .

RECODE
 sc3c1s
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO sbullied.
EXECUTE .

RECODE
```

```
 sc3c1t
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  svolunteers.
EXECUTE .

RECODE
 sc3c1u
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO  sthinks.
EXECUTE .

RECODE
 sc3c1v
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  ssteals.
EXECUTE .

RECODE
 sc3c1w
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  sgetson.
EXECUTE .

RECODE
 sc3c1x
  (1=0)  (2=1)  (3=2)  (9=SYSMIS)  INTO  sfears.
EXECUTE .

RECODE
 sc3c1y
  (1=2)  (2=1)  (3=0)  (9=SYSMIS)  INTO  sattention.
EXECUTE .

COMPUTE w3scg_SDQemotional =RND(MEAN.3( scomplains, sworries, sunhappy, snervous, sfears)*5) .
EXECUTE.
COMPUTE w3scg_SDQconduct = RND(MEAN.3( stempers , sobedient , sfights , slies , ssteals) *5).
EXECUTE.
```

```
COMPUTE w3scg_SDQhyper = RND(MEAN.3( srestless , sfidgety , sdistract , sthinks , sattention)*5) .
EXECUTE.
COMPUTE w3scg_SDQpeerprobs = RND(MEAN.3( ssolitary , sfriend , sliked , sbullied , sgetson)*5) .
EXECUTE.
COMPUTE w3scg_SDQprosocial = RND(MEAN.3( sconsider , sshares , shelpful , skind , svolunteers)*5) .
EXECUTE.
COMPUTE w3scg_SDQtotaldiffs = w3scg_SDQemotional + w3scg_SDQconduct + w3scg_SDQhyper + w3scg_SDQpeerprobs.
EXECUTE.

VARIABLE LABELS w3scg_SDQemotional "SDQ Emotional subscale - SCG Wave 3".
VARIABLE LABELS w3scg_SDQconduct  "SDQ Conduct subscale - SCG Wave 3".
VARIABLE LABELS w3scg_SDQhyper  "SDQ Hyperactivity subscale - SCG Wave 3".
VARIABLE LABELS w3scg_SDQpeerprobs "SDQ Peer problems subscale - SCG Wave 3".
VARIABLE LABELS w3scg_SDQprosocial  "SDQ Prosocial subscale - SCG Wave 3".
VARIABLE LABELS w3scg_SDQtotaldiffs "SDQ Total difficulties score - SCG Wave 3".

DELETE VARIABLES scomplains sworries sunhappy snervous sfears stempers  sobedient  sfights slies  ssteals srestless sfidgety sdistract sthinks sattention ssolitary  sfriend  sliked  sbullied  sgetson sconsider  sshares  shelpful  skind  svolunteers.
```

22 Dyadic Adjustment scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3pc_DAS	PCG total Dyadic Adjustment Score - 4 items- Wave 3
w3sc_DAS	SCG total Dyadic Adjustment Score - 4 items- Wave 3

Description of variable:

The quality of the couple's relationship was indexed using the short four item form of the Dyadic Adjustment Scale (DAS-4) (Sabourin, Valois & Luisser, 2005). This scale provides an assessment of dyadic satisfaction and is used as a means of categorising marriages as either distressed or adjusted.

Value labels: None

Population: This question is asked if there is a partner living in the household. This is asked to both the PCG and SCG.

Level: Individual.

Derivation:

```
**********
*** 22 Dyadic Adjustment Scale *****

**PCG
RECODE pc3s19a (1=0)(2=1)(3=2)(4=3)(5=4)(6=5)(8,9=sysmis) INTO das1_pcg.
RECODE pc3s19b (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8,9=SYSMIS) INTO das2_pcg.
RECODE pc3s19c (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8,9=sysmis) INTO das3_pcg.
RECODE pc3s20 (0=0)(1=1)(2=2)(3=3)(4=4)(5=5)(6=6)(8,9=SYSMIS) INTO das4_pcg.

COMPUTE w3pc_DAS =(das1_pcg + das2_pcg + das3_pcg + das4_pcg).
VARIABLE LABELS w3pc_DAS "PCG total Dyadic Adjustment Score - 4 items- Wave 3".

**SCG

RECODE sc3s19a (1=0)(2=1)(3=2)(4=3)(5=4)(6=5)(8,9=sysmis) INTO das1_scg.
```

```
RECODE sc3s19b (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8,9=SYSMIS) INTO das2_scg.
RECODE sc3s19c (1=5)(2=4)(3=3)(4=2)(5=1)(6=0)(8,9=sysmis) INTO das3_scg.
RECODE sc3s20 (0=0)(1=1)(2=2)(3=3)(4=4)(5=5)(6=6)(8,9=SYSMIS) INTO das4_scg.

COMPUTE w3sc_DAS = (das1_scg + das2_scg + das3_scg + das4_scg).
VARIABLE LABELS w3sc_DAS "SCG total Dyadic Adjustment Score - 4 items- Wave 3".

DELETE VARIABLES das1_pcg das2_pcg das3_pcg das4_pcg das1_scg das2_scg das3_scg
das4_scg.
```

23 Parental Stress Scale

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3pc_stress	Parental stress scores for pcgs - Wave 3
w3sc_stress	SCG Parental stress score - Wave 3

Description of variable:

Both positive and negative aspects of parenting are measured by the parental stress scale. It is asked of both the Primary and Secondary Caregivers.

Value labels: None

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

Level: Individual.

Derivation:

```
************************************************************.
**********23. Parental stress scale - stressors.
************************************************************.
*** Parental Stressors Scale PCG***.
COMPUTE W3pc_stress =   pc3s21a + pc3s21b + pc3s21c + pc3s21d + pc3s21e + pc3s21f.
VARIABLE LABELS w3pc_stress "Parental stress scores for pcgs - Wave 3".


*** Parental Stressors Scale SCG***.
COMPUTE W3sc_stress = sc3s21a + sc3s21b + sc3s21c + sc3s21d + sc3s21e + sc3s21f.
VARIABLE LABELS w3sc_stress "SCG parental stress score - Wave 3".
```

24 Centre for Epidemiological Studies Depression Scale (CESD-8)

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3ces_tot_pcg	Total depression score for primary caregiver W3
w3ces_tot_scg	Total depression score for secondary caregiver W3
w3cesd_pcg	Depression status of primary caregiver W3
w3cesd_scg	Depression status of secondary caregiver W3

Description of variable:

The Center for Epidemiological Studies Depression Scale (CES-D) is a widely used self-report measure that was developed specifically as a screening instrument for depression in the general population, as opposed to being a diagnostic tool that measures the presence of clinical depression. ***Growing Up in Ireland*** used the 8-item short version of the CES-D and obtained a total score for both Primary (PCG) and Secondary (SCG) Caregivers.

Also included in the file are two variables (**w3cesd_pcg; w3cesd_scg**), which categorise respondents into 'depressed' or 'not depressed'.

Value labels:

w3ces_tot_pcg – w3ces_tot_scg	None
w3cesd_pcg - w3cesd_scg	.00 not depressed 1.00 depressed

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

Level: Individual.

Derivation:

```
************************************************************.
**********24. Syntax for calculating the CES-D .
************************************************************.
********PCG.
RECODE pc3s31a pc3s31b pc3s31c pc3s31d pc3s31e pc3s31f pc3s31g pc3s31h (1=0) (2=1)(3=2)(4=3)(9=SYSMIS) INTO Pces1 Pces2 Pces3 Pces4 Pces5 Pces6 Pces7 Pces8.

COMPUTE w3ces_tot_pcg=sum.7(Pces1 to Pces8).
VARIABLE LABELS w3ces_tot_pcg "Total depression score for primary caregiver W3".
```

```
RECODE w3ces_tot_pcg (Lowest thru 6=0)(7 thru Highest=1) INTO w3cesd_pcg.
VARIABLE LABELS w3cesd_pcg "Depression status of primary caregiver W3".
VALUE LABELS w3cesd_pcg 0"not depressed" 1"depressed".

DELETE VARIABLES Pces1 Pces2 Pces3 Pces4 Pces5 Pces6 Pces7 Pces8.

********SCG.
RECODE sc3s31a sc3s31b sc3s31c sc3s31d sc3s31e sc3s31f sc3s31g sc3s31h
(1=0)(2=1)(3=2)(4=3)(9=SYSMIS) INTO Sces1 Sces2 Sces3 Sces4 Sces5 Sces6 Sces7 Sces8.

COMPUTE w3ces_tot_scg=sum.7(Sces1 to Sces8).
VARIABLE LABELS w3ces_tot_scg "Total depression score for secondary caregiver W3".

RECODE w3ces_tot_scg (Lowest thru 6=0)(7 thru Highest=1) INTO w3cesd_scg.
VARIABLE LABELS w3cesd_scg "Depression status of secondary caregiver W3".
VALUE LABELS w3cesd_scg 0"not depressed" 1"depressed".

DELETE VARIABLES Sces1 Sces2 Sces3 Sces4 Sces5 Sces6 Sces7 Sces8.
```

25 FAST Alcohol Screening Test

This section describes the derivation of the following variables:

Variable Name	Variable Label
W3fastclasspcg	PCG drinking class according to FAST
W3fastotm	PCG total on FAST for males
W3fastotf	PCG total on FAST for females
W3fastclassscg	SCG drinking class according to FAST
W3fastotm2	SCG total on FAST for males
W3fastotf2	SCG total on FAST for females

Description of variable:

The FAST alcohol screening test is a short screening tool for alcohol misuse. It consists of four items and is completed by both the Primary and Secondary Caregivers (slightly different questions are asked – females are asked how often they have six or more drinks on one occasion and males are asked how often they have eight or more drinks). It produces a total score and a categorisation of 'hazardous' or 'not hazardous'.

Value labels:

W3fastclasspcg/ w3fastclassscg	.00 Not hazardous 1.00 Hazardous
W3fastotm/ w3fastotf/ w3fastotm2/ w3fastotf2	None

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

Level: Individual.

Derivation:

```
************************************************************.
*******25. FAST MEASURE
************************************************************.

**COMPUTE FAST PROBLEM DRINKING SCALE FOR PCGs.
*ASSIGN CORRECT SCORING VALUES.
RECODE pc3S25a (1=0) (2=1) (3=2) (4=3) (5=4) into s25acode.
RECODE pc3s25b (1=0) (2=1) (3=2) (4=3) (5=4) into s25bcode.
RECODE pc3s25c (1=0) (2=1) (3=2) (4=3) (5=4) into s25ccode.
RECODE pc3s25d (1=0) (2=1) (3=2) (4=3) (5=4) into s25dcode.
RECODE pc3s25e (1=0) (2=2) (3=4) into s25ecode.

*CLASSIFY HAZARDOUS DRINKERS.
COMPUTE w3fastclasspcg = $sysmis.
IF (s25acode = 0) OR (s25bcode=0) w3fastclasspcg=0.
```

```
IF (s25acode ge 3) or (s25bcode ge 3) w3fastclasspcg=1.
IF (s25acode =1) or (s25acode =2) w3fastclasspcg=1.
IF (s25bcode =1) or (s25bcode =2) w3fastclasspcg=1.

DO IF p1sexW3 = 1.
COMPUTE w3fastotm = s25bcode + s25ccode + s25dcode + s25ecode.
END IF.
DO IF p1sexW3 = 2.
COMPUTE w3fastotf = s25acode + s25ccode + s25dcode + s25ecode.
END IF.

IF ((p1sexW3 = 1) and w3fastclasspcg=1 and w3fastotm ge 3) w3fastclasspcg=1.
IF ((p1sexW3 = 2) and w3fastclasspcg=1 and w3fastotf ge 3) w3fastclasspcg=1.
IF ((p1sexW3 = 1) and w3fastclasspcg=1 and w3fastotm lt 3) w3fastclasspcg=0.
IF ((p1sexW3 = 2) and w3fastclasspcg=1 and w3fastotf lt 3) w3fastclasspcg=0.

VARIABLE LABELS
w3fastclasspcg 'PCG drinking class according to FAST'
w3fastotm 'PCG total on FAST for males'
w3fastotf 'PCG total on FAST for females'.

VALUE LABELS w3fastclasspcg     0 'Not hazardous' 1 'Hazardous'.
```

```
****SCG

**COMPUTE FAST PROBLEM DRINKING SCALE FOR SCGs.
*ASSIGN CORRECT SCORING VALUES.
RECODE sc3S25a (1=0) (2=1) (3=2) (4=3) (5=4) into s25aacodes.
RECODE sc3s25b (1=0) (2=1) (3=2) (4=3) (5=4) into s25bbcodes.
RECODE sc3s25c (1=0) (2=1) (3=2) (4=3) (5=4) into s25cccodes.
RECODE sc3s25d (1=0) (2=1) (3=2) (4=3) (5=4) into s25ddcodes.
RECODE sc3s25e (1=0) (2=2) (3=4) into s25eecodes.

*CLASSIFY HAZARDOUS DRINKERS.
COMPUTE w3fastclassscg = $sysmis.
IF (s25aacodes = 0) OR (s25bbcodes=0) w3fastclassscg=0.
IF (s25aacodes ge 3) or (s25bbcodes ge 3) w3fastclassscg=1.
IF (s25aacodes =1) or (s25aacodes =2) w3fastclassscg=1.
IF (s25bbcodes =1) or (s25bbcodes =2) w3fastclassscg=1.

DO IF p3sexW3 = 1.
COMPUTE w3fastotm2 = s25bbcodes + s25cccodes + s25ddcodes + s25eecodes.
END IF.

DO IF p3sexW3 = 2.
COMPUTE w3fastotf2= s25aacodes + s25cccodes + s25ddcodes + s25eecodes.
END IF.

IF ((p3sexW3  = 1) and w3fastclassscg=1 and w3fastotm2 ge 3) w3fastclassscg=1.
IF ((p3sexW3  = 2) and w3fastclassscg=1 and w3fastotf2 ge 3) w3fastclassscg=1.
IF ((p3sexW3  = 1) and w3fastclassscg=1 and w3fastotm2 lt 3) w3fastclassscg=0.
IF ((p3sexW3  = 2) and w3fastclassscg=1 and w3fastotf2 lt 3) w3fastclassscg=0.
```

```
VARIABLE LABELS
w3fastclassscg 'SCG drinking class according to FAST'
w3fastotm2 'SCG total on FAST for males'
w3fastotf2 'SCG total on FAST for females'.

VALUE LABELS w3fastclassscg      0 'Not hazardous' 1 'Hazardous'.
EXECUTE.
```

26 Body Mass Index

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3intPCGBMI	Primary Caregiver's BMI - derived from measured data
w3intPCGBMI_cat	Primary Caregiver's BMI classification- derived from measured data
w3intSCGBMI	Secondary Caregiver's BMI - derived from measured data
w3intSCGBMI_cat	Secondary Caregiver's BMI classification - derived from measured data
w3intchildbmi	Young Person's BMI at age 17/18
w3intchildbmi_CAT	Young Person's BMI status at Wave 3

Description of variable:

Body Mass Index (BMI) measures derived from interviewer measures for both the primary and secondary caregivers. Please note that in most cases caregiver's height from Wave 2 was forward-fed to Wave 3 but a new weight was taken for all participants.

Value labels:

W3intPCGBMI / W3intSCGBMI / w3intchildbmi	None
w3intPCGBMI_cat/ w3intSCGBMI_cat	1.00 underweight 2.00 healthy 3.00 overweight 4.00 obese
w3intchildbmi_CAT	1.00 Healthy weight 2.00 Overweight 3.00 Obese

Population: All households with Primary Caregiver and Young Persons variables; households where there is a Secondary Caregiver for the Secondary Caregiver variable.

Level: Individual.

Derivation:

```
**************************************************.
***COMPUTE BMI FOR INTERVIEWER RECORDED PHYSICAL MEASUREMENTS DATA***.
**************************************************.

***Young Person
```

```
COMPUTE w3intchildbmi = (W3intChildkgms/(W3intChildcms * W3intChildcms ))*10000.
VARIABLE LABELS w3intchildbmi "Young Person's BMI at age 17/18".

Compute w3intchildbmi= Rnd(w3intchildbmi).

*****BMI Categories at age 17 years- International Obesity Task Force cut-off

Do if (P2sexW3=1) and (w3intchildbmi > 0).
Recode w3intchildbmi (missing= sysmis) (lo thru 24.73 = 1) (24.74 thru 29.70 =2) (29.71 thru
highest =3) into w3intchildbmi_CAT.
End if.

Do if (P2sexW3=2) and (w3intchildbmi > 0).
Recode w3intchildbmi (missing= sysmis) (lo thru 24.84 = 1) (24.85 thru 29.84 =2) (29.85 thru
highest =3) into w3intchildbmi_CAT.
End if.

Value labels w3intchildbmi_CAT 1 'Healthy weight' 2 'Overweight' 3 'Obese'.
Variable labels w3intchildbmi_CAT "Young Person's BMI status at Wave 3".
IF sysmis(w3intchildbmi_CAT)  w3intchildbmi_CAT= 999.
MISSING VALUES w3intchildbmi_CAT(999).
ADD VALUE LABELS w3intchildbmi_CAT 999 "don't know".

**PCG/SCG

COMPUTE w3intPCGBMI = (w3intPCGkgms/(w3intPCGcms* w3intPCGcms))*10000.
COMPUTE w3intSCGBMI = (w3intSCGkgms/(w3intSCGcms* w3intSCGcms))*10000.
VARIABLE LABELS w3intPCGBMI "Primary Caregiver's BMI - derived from measured data".
VARIABLE LABELS w3intSCGBMI "Secondary Caregiver's BMI - derived from measured data".

RECODE w3intPCGBMI (Lowest thru 18.49999=1)  (18.50 thru 24.99999=2)  (25.00 thru
29.99999=3) (30.00 thru Highest=4)  INTO w3intPCGBMI_cat .
RECODE w3intSCGBMI (Lowest thru 18.49999=1)  (18.50 thru 24.99999=2)  (25.00 thru
29.99999=3) (30.00 thru Highest=4)  INTO  w3intSCGBMI_cat .
ADD VALUE LABELS w3intPCGBMI_cat w3intSCGBMI_cat 1 'underweight' 2 'healthy' 3
'overweight' 4 'obese'.
VARIABLE LABELS w3intPCGBMI_cat "Primary Caregiver's BMI classification- derived from
measured data".
VARIABLE LABELS w3intSCGBMI_cat "Secondary Caregiver's BMI classification - derived
from measured data".
```

27 Family Social Class

This section describes the derivation of the following variables:

Variable Name	Variable Label
hsdclassW3	Family's social class - Wave 3

Description of variable:

Social Class of Primary and Secondary Caregiver is derived from their occupation. In the course of the survey, both caregivers, where relevant, were asked to provide details on their occupation, from current, or where the respondent was unemployed or retired at the time of interview, previous employment outside the home. On this basis it is possible to generate a social class classification for both Primary and Secondary Caregivers. The classification used was that adopted by the Irish Central Statistics Office (CSO) with 9 categories as follows:

Value labels:

	1.00 Professional workers
	2.00 Managerial and technical
	3.00 Non-manual
	4.00 Skilled manual
	5.00 Semi-skilled
	6.00 Unskilled
	7.00 All others gainfully occupied and unknown
hsdclassW3	666.00 Validly no social class

Population: All Households.

Level: Household.

28 Household Type

This section describes the derivation of the following variables:

Variable Name	Variable Label
W3hhtype4	household type at Wave 2

Description of variable:

This variable gives a breakdown of the household type in terms of number of caregivers and number of children in the household. A child is classified as age 18 or under.

Value labels:

w2hhtype4	1.00 W2, One-Parent-1 or 2 children 2.00 W2, One-Parent-3+children 3.00 W2, Two-Parent-1 or 2 children 4.00 W2, Two-Parent-3+children

Population: All Households.

Level: Household.

Derivation:

```
**********************************************************.
********* CALCULATE HSD TYPE WAVE 2.
**********************************************************.
*number of children in household - 0-18 years - to generate household type


COMPUTE w3num18=0.
COMPUTE w3num18hi=0.
DO REPEAT x= p1ageW3 p2ageW3 p3ageW3 p4ageW3 p5ageW3 p6ageW3 p7ageW3 p8ageW3
p9ageW3 p10ageW3
p11ageW3 p12ageW3 p13ageW3.
IF x le 18 w3num18=w3num18+1.
IF x gt 18 w3num18hi=w3num18hi+1.
END REPEAT.
COMPUTE w3hhtype4=0.
IF w3loneparent eq 1 and w3num18 le 2 w3hhtype4=1.
IF w3loneparent eq 1 and w3num18 gt 2 w3hhtype4=2.
IF w3loneparent eq 0 and w3num18 le 2 w3hhtype4=3.
```

```
IF w3loneparent eq 0 and w3num18 gt 2 w3hhtype4=4.
RECODE w3hhtype4 (0=sysmis).

VARIABLE LABELS w3hhtype4 'household type at Wave 3'.
VALUE LABELS w3hhtype4 1 'W3, One-Parent-1 or 2 children' 2 'W3, One-Parent-3+children'  3
'W3, Two-Parent-1 or 2 children'
 4 'W3, Two-Parent-3+children'.
```

29 Equivalised Income

This section describes the derivation of the following variables:

Variable Name	Variable Label
W3equivinc	Equivalised Household Annual Income W3
W3eincquin	Equivalised Household Annual Income - Quintiles W3
W3eincdec	Equivalised Household Annual Income - Deciles W3

Description of variable:

Household income is equivalised to take account of the number of adults and children in the household to allow for comparison across all sizes of households. 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:

W3equivinc	None
W3eincquin	1.00 Lowest 2.00 2nd 3.00 3rd 4.00 4th 5.00 Highest
W3eincdec	1.00 Lowest 2.00 2nd 3.00 3rd 4.00 4th 5.00 5th 6.00 6th 7.00 7th 8.00 8th 9.00 9th 10.00 Highest

Population: All Households.

Level: Household.

Derivation:

**********.

**EQUIVALISED INCOME **needs number in household and Equivalised income.

```
**********************************************************.
********calculate the no 14 and over and no less than 14 in hsd ****.
COMPUTE w3numplus14 =0.
COMPUTE w3numunder14= 0.
VARIABLE LABELS w3numplus14 "Number of people aged 14 or over in household Wave 3".
VARIABLE LABELS w3numunder14 "Number of people aged under 14 in household at wave 3".
DO REPEAT x = p1agew3 p2agew3 p3agew3 p4agew3 p5agew3 p6agew3 p7agew3 p8agew3 p9agew3 p10agew3 p11agew3 p12agew3 p13agew3 p14agew3 p15agew3.
IF x ge 14 w3numplus14 = w3numplus14 + 1.
IF x lt 14 w3numunder14 = w3numunder14 + 1.
END REPEAT.

COMPUTE tothsdW3 = w3numplus14 + w3numunder14.
VARIABLE LABELS tothsdW3 "Total number of people in household wave 3".

COMPUTE w3equivinc = $sysmis.
VARIABLE LABELS w3equivinc "Equivalised Household Annual Income W3".
COMPUTE w3equivinc = (pc3g3comp / (1 + (0.66* (w3numplus14 -1)) + (0.33 * w3numunder14))).

**********calculate quintiles/deciles for equivalised income******.
RECODE w3equivinc
(lo thru 7927.725039 = 1) (lo thru 11342.281879 = 2) (lo thru 14832.214765 = 3) (lo thru 19913.793103 = 4) (lo thru hi = 5)
into w3eincquin.

VARIABLE LABELS w3eincquin "Equivalised Household Annual Income - Quintiles W3".
VALUE LABELS w3eincquin
1.00 "Lowest"
2.00 "2nd"
3.00 "3rd"
4.00 "4th"
5.00 "Highest".



RECODE w3equivinc
```

```
(lo thru 6335.687073 = 1) (lo thru 7927.725039 = 2) (lo thru 9667.673716 = 3) (lo thru 11342.281879 = 4) (lo thru 12931.034483 = 5)
(lo thru 14832.214765 = 6) (lo thru 16778.523490 = 7) (lo thru 19913.793103 = 8) (lo thru 25000.000000 = 9) (lo thru hi = 10)
into w3eincdec.

VARIABLE LABELS w3eincdec "Equivalised Household Annual Income - Deciles W3".
VALUE LABELS w3eincdec
1.00 "Lowest"
2.00 "2nd"
3.00 "3rd"
4.00 "4th"
5.00 "5th"
6.00 "6th"
7.00 "7th"
8.00 "8th"
9.00 "9th"
10.00 "Highest".
```

30 Non-singleton

This section describes the derivation of the following variables:

Variable Name	Variable Label
W3nonsingleton	Child is a non-singleton – Wave 3

Description of variable:

This variable flags whether the Study Child is a singleton child or a non-singleton (i.e. a twin or a triplet).

Value labels:

W3nonsingleton	.00 Singleton 1.00 Non-singleton

Population: All Households.

Level: Individual.

31 Completion Flags

This section describes the derivation of the following variables:

Variable Name	Variable Label
w3pcgmain	Primary Caregiver Q Completed - Wave 3
w3pcgsens	Primary Caregiver Sensitive Q Completed - Wave 3
w3scgmain	Secondary Caregiver Q Completed - Wave 3
w3scgsens	Secondary Caregiver Sensitive Q Completed - Wave 3
w3ypmain	YP Main Q Completed – Wave 3
w3ypsens	YP Sensitive Completed – Wave 3

Description of variable:

These variables flag the completion or non-completion of all household interviews.

Value labels:

w3pcgmain/ w3pcgsens/ w3ypmain / w3ypsens /	.00 Not completed 1.00 Completed
w3scgmain/ w3scgsens	.00 No resident partner 1.00 Partner resident, not completed 2.00 Partner resident, completed

Population: All households with Primary Caregiver and Young Person variables; households where there is a Secondary Caregiver for the Secondary Caregiver variable.

Level: Household.