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Derived variable documentation for the 2nd cohort of the Longitudinal Study of Young People in England (LSYPE2): Wave Two (2014)

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Contents

1. Introduction

This documentation describes all of the derived variables deposited with the second Longitudinal Study of Young People in England (LSYPE2) wave two dataset (2014) (archived in 2017). The majority of the derived variables were those created for use in the wave two research report written by Kantar Public (formerly TNS BMRB)[1], along with some additional variables that repeat those created at wave one.

All information relevant to the derivation of each variable is provided in the format described below.

Variable name	Each new variable is identified by using the variable name as found on the dataset and the variable label. All derived variables are distinguished from other variables in their names by including 'DER" at the end of the variable name
Value labels	These are the labels of all categories assigned to different values.
Missing value labels	These are the labels given to the values that are considered to be missing data. Note that these are not necessarily the same values as used for missing data on the survey variables. On many of the derived variables there are additional categories of missing data and these are labelled here.
Description of variable	A brief description of the derived variables and any key issues to note about the variable.
Derivation	For some variables, some notes on how the variable has been derived are included here.
SPSS code	This section provides the SPSS syntax code used to derive the variable.
Derivation source variables	This section provides details about the variables that are used in the derivation and sources the file that they are taken from.
	The corresponding questionnaire variables can be found in the accompanying questionnaire documentation in the appendices of the wave two and three technical report. The questionnaire provides detailed information about the question wording and the question routing (which explains the circumstances in which the question was asked).

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[1] The wave 2 research report can be found here: https://www.gov.uk/government/publications/longitudinal-study-of-young-people-in-england-cohort-2-wave-2

2. Demographics and household composition

2.1 Idaci5_W2_DER	"IDACI score- quintiles"
Value labels: 1 'First IDACI quintile – least deprived' 2 'Second IDACI quintile' 3 'Third IDACI quintile' 4 'Fourth IDACI quintile' 5 'Fifth IDACI quintile – most deprived'	**Missing value labels:** -9999 'Missing'

Description of variable:

This variable calculates IDACI quintiles based on home address at the time of the W2 interview, and is derived from the weighted sample.

Derivation:

SPSS Code:

```
weight by LSYPE2_W2weight_scaled.

 frequencies IDACI_R
  /NTILES=5
  /ORDER=ANALYSIS.
 compute idaci5_W2_DER = -9999.
 if IDACI_R > 0 and IDACI_R < 5798.14 idaci5_W2_DER = 5.
 if IDACI_R > 5798.14 and IDACI_R < 12515.01 idaci5_W2_DER = 4.
 if IDACI_R > 12515.01 and IDACI_R < 19551.01 idaci5_W2_DER = 3.
 if IDACI_R > 19551.01 and IDACI_R < 26177.01 idaci5_W2_DER = 2.
 if IDACI_R > 26177.01 idaci5_W2_DER = 1.
execute.
add value labels IDACI5_W2_DER 1 "First IDACI quintile – least deprived" 2 "Second IDACI quintile" 3 "Third IDACI quintile"
4 "Fourth IDACI quintile" 5 "Fifth IDACI quintile – most deprived" -9999 "Missing".
variable labels idaci5_W2_DER "IDACI score- quintiles".
```

Source variable	Variable label	Source file
IDACI_R_W2_GEO	IDACI (Income Deprivation Affecting Children Indices) rank derived from the LSOA of the W2 address (where 1 is most deprived)	Main file – Secure access

2.2 Ethnic_W2_DER	"YP's ethnic group (condensed)"
Value labels: 1 'White' 2 'Mixed' 3 'Indian' 4 'Pakistani' 5 'Bangladeshi' 6 'African' 7 'Caribbean' 8 'Other'	**Missing value labels:** -99 'YP not interviewed' -97 'Data missing due to technical issue' -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable produces a condensed version of the young person's ethnicity as reported at W2.

Derivation:

SPSS Code:

recode Ethnic_W2_YP (1 thru 4=1) (5 thru 8 =2) (9=3) (10=4) (11=5) (14=6) (15=7) (12,13,16,17,18 =8) (else=copy) into Ethnic_W2_DER.

variable label Ethnic_W2_DER "YP's ethnic group (condensed)".
value labels Ethnic_W2_DER -99 "YP not interviewed" -97 "Data missing due to technical issue" -92 "Refused" -1 "Don't know" 1 "White" 2 "Mixed" 3 "Indian" 4 "Pakistani" 5 "Bangladeshi" 6 "African" 7 "Caribbean" 8 "Other".
execute.

Source variable	Variable label	Source file
Ethnic_W2_YP	YP's ethnic group (condensed)	Main File

2.3 EthnicAdj_W2_DER	"YP's ethnic group (condensed) using W2 response or W1 if no ethnic group recorded in W2"
Value labels: 1 'White' 2 'Mixed' 3 'Indian' 4 'Pakistani' 5 'Bangladeshi' 6 'African' 7 'Caribbean' 8 'Other'	**Missing value labels:** -99 'YP not interviewed in W2 and didn't give substantive answer to Ethnic at W1' -97 'Data missing due to technical issue' -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable produces a condensed version of the young person's ethnicity as reported at W2, and uses the young person's ethnicity as reported at W1 if no ethnicity was reported at W2.

Derivation:

SPSS Code:

```
compute EthnicAdj_W2_DER = Ethnic_W2_DER .
do if  Ethnic_W2_DER<0 and Ethnic_W1_YP>0.
recode Ethnic_W1_YP (1 thru 4=1) (5 thru 8 =2) (9=3) (10=4) (11=5) (14=6) (15=7)  (12,13,16,17,18 =8) into
EthnicAdj_W2_DER.
end if.
variable label EthnicAdj_W2_DER "YP's ethnic group (condensed) using W2 response or W1 if no ethnic group recorded in
W2".
value labels EthnicAdj_W2_DER -99 "YP not interviewed in W2 and didn't give substantive answer to Ethnic at W1"
-97 "Data missing due to technical issue" -92 "Refused" -1 "Don't know" 1 "White" 2 "Mixed" 3 "Indian" 4 "Pakistani" 5
"Bangladeshi"
6 "African" 7 "Caribbean" 8 "Other".
```

Source variable	Variable label	Source file
Ethnic_W2_YP	YP's ethnic group	Main File
Ethnic_W1_YP	YP's ethnic group	Main File (W1)

2.4 DevIntYP_W2_DER	"Whether YP has access to internet and which devices"

Value labels:	Missing value labels:
1 'Has internet and either desktop/laptop' 2 'Has internet and tablet but no desktop/laptop' 3 'Has internet but no desktop/laptop/tablet' 4 'Does not have internet'	-99 'YP not interviewed'

Description of variable:

This variable shows whether YP has access to internet and which devices. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

```
compute DevIntYP_W2_DER = -99.
If IntAcc_W2_YP = 2 DevIntYP_W2_DER = 4.
If IntAcc_W2_YP = 1  DevIntYP_W2_DER = 3.
If IntTyp_3_W2_YP = 1 DevIntYP_W2_DER =2.
If (IntTyp_1_W2_YP =1 or IntTyp_2_W2_YP = 1 )  DevIntYP_W2_DER = 1.

value labels  DevIntYP_W2_DER
-99 "YP not interviewed"
1 "Has internet and either desktop/laptop"
2 "Has internet and tablet but no desktop/laptop"
3 "Has internet but no desktop/laptop/tablet"
4 "Does not have internet".

variable label DevIntYP_W2_DER "Whether YP has access to internet and which devices".
```

Source variable	Variable label	Source file
IntAcc_W2_YP	Whether YP has access to internet at home	Main File
IntTyp_1_W2_YP	Desktop computer - Internet-ready devices YP has access to at home	Main File
IntTyp_2_W2_YP	Laptop or netbook - Internet-ready devices YP has access to at home	Main File
IntTyp_3_W2_YP	Tablet - Internet-ready devices YP has access to at home	Main File

2.5 Tenure_W2_DER	"Housing tenure from Hous12_W2_GRID"

Value labels:	Missing value labels:
1 'Own/mortgage/part-own part-rent'	-97 'Data missing due to technical issue'
2 'Rent from Council or New Town'	-92 'Refused'
3 'Rent from Housing Association'	-91 'Not applicable'
4 'Private rent'	-1 'Don't know'
5 'Other'	

Description of variable:

This variable condenses the information from Hous12.

Derivation:

SPSS Code:

recode Hous12_W2_GRID (1 thru 3=1)(4 = 2)(5=3)(6=4)(7,8=5)(else=copy) into tenure_W2_DER.
variable labels tenure_W2_DER 'Housing tenure from Hous12_W2_GRID'.
value labels tenure_W2_DER -97 'Data missing due to technical issue' -92 'Refused' -91 'Not applicable' -1 "Don't know" 1 "Own/mortgage/part-own part-rent" 2 "Rent from Council or New Town" 3 "Rent from Housing Association" 4 'Private rent' 5 'Other'.

Source variable	Variable label	Source file
Hous12_W2_GRID	Description of accommodation currently living in	Main File – Secure access

2.6 Move_W2_DER	"Whether YP moved house between waves"

Value labels:	Missing value labels:
1 'Yes' 2 'No'	-97 'Data missing due to technical issue'

Description of variable:

This variable shows whether YP moved house between waves.

Derivation:

SPSS Code:

recode Sameadd_w2_grid (1=2) (2=1) (else = copy) into move_W2_DER.
if NumDiffAdd_W2_Grid > 1 move_W2_DER = 1.
add value labels move_W2_DER 1 "Yes" 2 "No" -97 "Data missing due to technical issue".
variable labels move_W2_DER "Whether YP moved house between waves".

Source variable	Variable label	Source file
Sameadd_w2_grid	Whether address is the same as issued address	Main File – Secure access
NumDiffAdd_W2_Grid	Number of different addresses YP has lived in since last interview	Main File – Secure access

2.7 Famtyp3_W2_DER	"Family composition"

Value labels:	Missing value labels:
1'Two parents' 2 'Step family' 3 'Single parent' 4 'No parents'	-97 'Data missing due to technical issue' -3 'Insufficient information'

Description of variable:

This variable shows the family type in which the YP lives. The syntax below is run on the grid file and then merged in with the main file.

Derivation:

There are some minor differences between the methodologies used here (designed for maximum comparability with LSYPE Cohort 1) and that used for the W1 family type (Famshape_W1_DER) and therefore are not completely comparable.

SPSS Code:

```
select if SHGInt_W2_GRID <> 3.
exe.

COMPUTE W2mother=99.
VAR LAB W2mother .
VAL LAB W2mother
1 "Natural mother"
2 "Adoptive mother"
3 "Foster mother"
4 "Step mother"
-91 "Not applicable"
-3 "Insufficient information".
COMPUTE W2mother = -999.
do IF (RelToYP_W2_GRID = 1 AND Sex_W2_GRID = 2).
COMPUTE W2mother = 1.
ELSE IF (RelToYP_W2_GRID = 2 AND Sex_W2_GRID = 2).
COMPUTE W2mother = 2.
ELSE IF (RelToYP_W2_GRID = 3 AND Sex_W2_GRID = 2).
COMPUTE W2mother = 3.
ELSE IF (RelToYP_W2_GRID = 4 AND Sex_W2_GRID = 2).
COMPUTE W2mother = 4.
ELSE IF (RelToYP_W2_GRID=-92 or RelToYP_W2_GRID=-1) AND Sex_W2_GRID = 2.
COMPUTE W2mother = -3.
ELSE IF (~RANGE(RelToYP_W2_GRID,1,4) AND Sex_W2_GRID = 2) OR Sex_W2_GRID~=2.
COMPUTE W2mother = -91.
end if.
EXE.
```

```
COMPUTE W2father=99.
VAR LAB W2father .
VAL LAB W2father
1 "Natural father"
2 "Adoptive father"
3 "Foster father"
4 "Step father"
-91 "Not applicable"
-3 "Insufficient information".
COMPUTE W2father = -999.
do IF (RelToYP_W2_GRID = 1 AND Sex_W2_GRID = 1).
COMPUTE W2father = 1.
ELSE IF (RelToYP_W2_GRID = 2 AND Sex_W2_GRID = 1).
COMPUTE W2father = 2.
ELSE IF (RelToYP_W2_GRID = 3 AND Sex_W2_GRID = 1).
COMPUTE W2father = 3.
ELSE IF (RelToYP_W2_GRID = 4 AND Sex_W2_GRID = 1).
COMPUTE W2father = 4.
ELSE IF (RelToYP_W2_GRID=-92 or RelToYP_W2_GRID=-1) AND Sex_W2_GRID = 1.
COMPUTE W2father = -3.
ELSE IF (~RANGE(RelToYP_W2_GRID,1,4) AND Sex_W2_GRID = 1) OR Sex_W2_GRID~=1.
COMPUTE W2father = -91.
end if.
EXE.


RECODE W2mother (1 thru 4=1) (ELSE=0) INTO mothertemp.
EXE.
compute missindic=MIN(W2mother).
compute W2motherHH=SUM(mothertemp).
IF (missindic=-3 AND W2motherHH=0) W2motherHH=-3.
RECODE W2father (1 thru 4=1) (ELSE=0) INTO fathertemp.
EXE.
compute missindic=MIN(W2father).
compute W2fatherHH=SUM(fathertemp).
IF (missindic=-3 AND W2fatherHH=0) W2fatherHH=-3.
Exe.
COMPUTE W2famtyp=-888.
VAR LAB W2famtyp "DV: Family composition".
VAL LAB W2famtyp
-97 "Data missing due to technical issue"
-3 "Insufficient information"
1 "Married couple"
2 "Cohabiting couple"
3 "Lone father"
4 "Lone mother"
5 "No parents in the household".

AGGREGATE
 /OUTFILE=* MODE=ADDVARIABLES
```

```
 /BREAK=surveyID_ADM
 /W2fatherHH_max=MAX(W2fatherHH).
exe.

AGGREGATE
 /OUTFILE=* MODE=ADDVARIABLES
 /BREAK=surveyID_ADM
 /W2motherHH_max=MAX(W2motherHH).
exe.

do IF W2fatherHH_max=-3 OR W2motherHH_max=-3.
COMPUTE W2famtyp=-3.
ELSE IF W2fatherHH_max=0 AND W2motherHH_max=0.
COMPUTE W2famtyp=5.
ELSE IF W2fatherHH_max=1 AND W2motherHH_max=0.
COMPUTE W2famtyp=3.
ELSE IF W2fatherHH_max=0 AND W2motherHH_max=1.
COMPUTE W2famtyp=4.
ELSE IF (W2fatherHH_max=1 AND W2motherHH_max=1).
DO IF RANGE(W2father,1,4) OR RANGE(W2mother,1,4).
DO IF (MarStat1_W2_GRID=2 and MarStat2_W2_GRID = 2 and (RelCheck_W2_GRID = 1 or (RelCheck2_W2_GRID >0
and RelCheck2_W2_GRID <15))) or Stilltogether_w2_GRID = 1.
COMPUTE W2famtyp=1.
ELSE IF RelCheck_W2_GRID = 1 or (RelCheck2_W2_GRID >0 and RelCheck_W2_GRID <15).
COMPUTE W2famtyp=2.
ELSE.
COMPUTE W2famtyp=-3.
END IF.
END IF.
END IF.

AGGREGATE
 /OUTFILE=* MODE=ADDVARIABLES
 /BREAK=surveyID_ADM
 /w2famtyp_max=MAX(w2famtyp).
exe.

COMPUTE w2steppar=99.
VAR LAB w2steppar "DV: Whether a step parent".
VAL LAB w2steppar
-3 "insufficient information"
-91 "Not applicable"
1 "Yes"
2 "No".
DO IF ANY(RelToYP_w2_GRID,-92,-1).
COMPUTE w2steppar=-3.
ELSE IF RelToYP_w2_GRID =-91.
COMPUTE w2steppar=-91.
ELSE IF RelToYP_w2_GRID = 4.
```

```
COMPUTE w2steppar=1.
ELSE IF RelToYP_w2_GRID ~=4.
COMPUTE w2steppar=2.
END IF.
FRE w2steppar.
VAR LAB w2steppar "DV: Whether household is a step family".
VAL LAB w2steppar
-3 "Insufficient information"
1 "Yes"
2 "No".
EXE.


recode w2famtyp (1 thru 2=1)(3 thru 4=3)(5=4)(else=copy)into w2famtyp3.
if (w2steppar=1 and w2famtyp <> 3 and  w2famtyp <> 4) w2famtyp3=2.
execute.
variable labels w2famtyp3 "Family composition".
value labels w2famtyp3 1'Two parents' 2 'Step family' 3'Single parent' 4'No parents' -97 "Data missing due to technical issue"
-3"Insufficient information".


AGGREGATE
  /OUTFILE=* MODE=ADDVARIABLES
  /BREAK=surveyID _ADM
  /Famtyp3_W2_DER=MAX(w2famtyp3).
exe.


**Now merge into main file (not shown here).


** then recode sysmis case (where grid info missing) to -97.


recode
famtyp3_W2_DER
 (sysmis=-97).
```

Source variable	Variable label	Source file
SHGInt_W2_GRID	Whether W1 household member is still living with the YP	Grid File – not deposited
RelToYP_W2_GRID	Relationship to Young Person - Full	Grid File – not deposited
Sex_W2_GRID	Sex of household member	Grid File – not deposited
MarStat1_W2_GRID	HH grid respondent's marital status	Grid File – not deposited
MarStat2_W2_GRID	Other parent's marital status	Grid File – not deposited
RelCheck_W2_GRID	Whether two parents in HH are in a relationship	Grid File – not deposited
RelCheck2_W2_GRID	Whether HH grid respondent is in a relationship with anyone else in the HH	Grid File – not deposited
Stilltogether_W2_GRID	Whether MP and SP are still in a relationship together	Main file – Secure access
SurveyID_ADM	Anonymous unique participant identifier	All files

2.8 Stepfm_W2_DER	"In a step family"

Value labels:	Missing value labels:
1 'Yes'	-97 'Data missing due to technical issue'
2 'No'	-3'Insufficient information'

Description of variable:

This variable shows whether the YP is in a step family.

Derivation:

There are some minor differences between the methodologies used here (designed for maximum comparability with LSYPE Cohort 1) and that used for the W1 family type (Famshape_W1_DER) and therefore they are not completely comparable.

SPSS Code:

recode Famtyp3_W2_DER(1=2)(2=1)(3 thru 4=2)(else=copy) into Stepfm_W2_DER.
variable labels Stepfm_W2_DER "In a step family".
value labels Stepfm_W2_DER 2'No' 1'Yes' -97 "Data missing due to technical issue" -3"Insufficient information".

Source variable	Variable label	Source file
Famtyp3_W2_DER	Family composition	Main file – Secure access

2.9 Singlfm_W2_DER	"In a single parent family"
Value labels: 1 'Yes' 2 'No'	**Missing value labels:** -97 'Data missing due to technical issue' -3'Insufficient information'

Description of variable:

This variable shows whether the YP is in a single parent family.

Derivation:

There are some minor differences between the methodologies used here (designed for maximum comparability with LSYPE Cohort 1) and that used for the W1 family type (Famshape_W1_DER) and therefore they are not completely comparable.

SPSS Code:

recode Famtyp3_W2_DER (1 thru 2=2)(3=1)(4=2)(else=copy) into Singlfm_W2_DER.
variable labels Singlfm_W2_DER "In a single parent family".
value labels Singlfm_W2_DER 2'No' 1'Yes' -97 "Data missing due to technical issue" -3"Insufficient information".

Source variable	Variable label	Source file
Famtyp3_W2_DER	Family composition	Main file – Secure access

2.10 Noparfm_W2_DER	"No parents present "

Value labels:	Missing value labels:
1 'Yes' 2 'No'	-97 'Data missing due to technical issue' -3'Insufficient information'

Description of variable:

This variable shows if the YP has no parents present.

Derivation:

There are some minor differences between the methodologies used here (designed for maximum comparability with LSYPE Cohort 1) and that used for the W1 family type (Famshape_W1_DER) and therefore they are not completely comparable.

SPSS Code:

recode Famtyp3_W2_DER (1 thru 3=2)(4=1)(else=copy) into Noparfm_W2_DER.
variable labels Noparfm_W2_DER "No parents present".
value labels Noparfm_W2_DER 2 'No' 1'Yes' -97 "Data missing due to technical issue" -3"Insufficient information".

Source variable	Variable label	Source file
Famtyp3_W2_DER	Family composition	Main file – Secure access

3. Income and employment

3.1 PocketMoneyBand_W2_DER	"Pocket money per week"

Value labels:	Missing value labels:
1 '0 to less than £2.50'	-99 'YP not interviewed'
2 '£2.50 to less than £5'	-97 'Data missing due to technical issue'
3 '£5 to less than £10'	-92 'Refused'
4 '£10 to less than £20'	-91 'Not applicable'
5 '£20 or greater'	-3 'Variable time period'
	-1 'Don't know'

Description of variable:

This variable provides the amount of pocket money received per week by the young person – banded.

Derivation:

SPSS Code:

```
Compute PocketMoney = 0.
exe.
If (PocMonP_W2_YP = 1 & PocMonA_W2_YP > 0) PocketMoney = (PocMonA_W2_YP*7).
If (PocMonP_W2_YP = 2 & PocMonA_W2_YP > 0) PocketMoney = PocMonA_W2_YP.
If (PocMonP_W2_YP = 3 & PocMonA_W2_YP > 0) PocketMoney = (PocMonA_W2_YP/2).
If (PocMonP_W2_YP = 4 & PocMonA_W2_YP > 0) PocketMoney = (PocMonA_W2_YP/(52/12)).
If (PocMonP_W2_YP = 5 & PocMonA_W2_YP > 0) PocketMoney = -3.
If (PocMonP_W2_YP = 6 & PocMonA_W2_YP > 0) PocketMoney = -3.
If (PocMonP_W2_YP = 7 & PocMonA_W2_YP > 0) PocketMoney = -3.
If (PocMonP_W2_YP = 8 & PocMonA_W2_YP > 0) PocketMoney = -3.
If (PocMonP_W2_YP = 9 & PocMonA_W2_YP > 0) PocketMoney = (PocMonA_W2_YP/(52/6)).
If (PocMonP_W2_YP = 10 & PocMonA_W2_YP > 0) PocketMoney = (PocMonA_W2_YP*2.5).
If (PocMonP_W2_YP = 11 & PocMonA_W2_YP > 0) PocketMoney = -3.
If (PocMonP_W2_YP = 12 & PocMonA_W2_YP > -1) PocketMoney = -3.
If (PocMonP_W2_YP < 0) PocketMoney = PocMonP_W2_YP.
If (PocMonA_W2_YP < 0) PocketMoney = PocMonA_W2_YP.

Compute PocketMoneyBand_W2_DER = 0.
exe.

if (PocketMoney > -1) PocketMoneyBand_W2_DER = 1.
if (PocketMoney > 2.4999999) PocketMoneyBand_W2_DER = 2.
if (PocketMoney > 4.9999999) PocketMoneyBand_W2_DER = 3.
if (PocketMoney > 9.9999999) PocketMoneyBand_W2_DER = 4.
if (PocketMoney > 19.999999) PocketMoneyBand_W2_DER = 5.
if (PocketMoney < 0) PocketMoneyBand_W2_DER = PocketMoney.

add value labels PocketMoneyBand_W2_DER -3 "Variable time period" 1 "0 to less than £2.50" 2 "£2.50 to less than £5" 3 "£5 to less than £10" 4 "£10 to less than £20"
```

5 "£20 or greater" -99 "YP not interviewed" -97 "Data missing due to technical issue" -92 "Refused" -91 "Not applicable" -1 "Don't know" .

exe.

variable labels PocketMoneyBand_W2_DER "Pocket money per week".

exe.

Source variable	Variable label	Source file
PocMonP_W2_YP	How often YP receives pocket money	Main File
PocMonA_W2_YP	How much pocket money YP receives - POUNDS	Main File

3.2 YPTermHoursWorked_W2_DER	"Banded YP hours worked per week during term"

Value labels:	Missing value labels:
1 '1'	-99 'YP not interviewed'
2 '2'	-92 'Refused'
3 '3'	-91 'Not applicable'
4 '4'	-1 'Don't know'
5 '5-7'	
6 '8 or more'	

Description of variable:

This variable calculates the banded number of hours per week the YP worked during term time

Derivation:

SPSS Code:

```
Compute YPTermHoursWorked_W2_DER = 0.
exe.

if (JobTime_W2_YP > -1) YPTermHoursWorked_W2_DER = 1.
if (JobTime_W2_YP > 1) YPTermHoursWorked_W2_DER = 2.
if (JobTime_W2_YP > 2) YPTermHoursWorked_W2_DER = 3.
if (JobTime_W2_YP > 3) YPTermHoursWorked_W2_DER = 4.
if (JobTime_W2_YP > 4) YPTermHoursWorked_W2_DER = 5.
if (JobTime_W2_YP > 7) YPTermHoursWorked_W2_DER = 6.
if (JobTime_W2_YP < 0) YPTermHoursWorked_W2_DER = JobTime_W2_YP.
exe.

add value labels YPTermHoursWorked_W2_DER 1 "1" 2 "2" 3 "3" 4 "4" 5 "5-7" 6 "8 or more" -99 "YP not interviewed" -91
"Not applicable" -92 "Refused" -1 "Don't know".
variable labels YPTermHoursWorked_W2_DER "Banded YP hours worked per week during term".
```

Source variable	Variable label	Source file
JobTime_W2_YP	During term time, how many hours per week YP works in this job on average	Main File

3.3 YPHolsHoursWorked_W2_DER	"Banded YP hours worked per week during hols"

Value labels:	Missing value labels:
1 '1'	-99 'YP not interviewed'
2 '2'	-92 'Refused'
3 '3'	-91 'Not applicable'
4 '4'	-1 'Don't know'
5 '5-7'	
6 '8 or more'	

Description of variable:

This variable calculates the banded number of hours per week the YP worked during the school holidays

Derivation:

SPSS Code:

```
Compute YPHolsHoursWorked_W2_DER = 0.
exe.

if (JobHols_W2_YP > -1) YPHolsHoursWorked_W2_DER = 1.
if (JobHols_W2_YP > 1) YPHolsHoursWorked_W2_DER = 2.
if (JobHols_W2_YP > 2) YPHolsHoursWorked_W2_DER = 3.
if (JobHols_W2_YP > 3) YPHolsHoursWorked_W2_DER = 4.
if (JobHols_W2_YP > 4) YPHolsHoursWorked_W2_DER = 5.
if (JobHols_W2_YP > 7) YPHolsHoursWorked_W2_DER = 6.
if (JobHols_W2_YP < 0) YPHolsHoursWorked_W2_DER = JobHols_W2_YP.
exe.

add value labels YPHolsHoursWorked_W2_DER 1 "1" 2 "2" 3 "3" 4 "4" 5 "5-7" 6 "8 or more" -99 "YP not interviewed" -91
"Not applicable" -92 "Refused" -1 "Don't know".
variable labels YPHolsHoursWorked_W2_DER "Banded YP hours worked per week during hols".
exe.
```

Source variable	Variable label	Source file
JobHols_W2_YP	During school holidays, how many hours per week YP works in this job on average	Main File – Secure access

3.4 YPTermpay_W2_DER	"Banded YP weekly term pay"

Value labels:	Missing value labels:
1 'Under £5.00'	-99 'YP not interviewed'
2 '£5.00 - £9.99'	-92 'Refused'
3 '£10.00 - £14.99'	-91 'Not applicable'
4 '£15.00 - £19.99'	-1 'Don't know'
5 '£20.00 – 29.99'	
6 '£30.00 or over'	

Description of variable:

This variable calculates the banded weekly pay the YP received for working during term time

Derivation:

SPSS Code:

```
compute yptermpay = -95.
if (JobEarn_W2_YP=-99) yptermpay = -99.
if (JobEarn_W2_YP=-91) yptermpay = -91.
if ((Fixrat_POUNDS_W2_YP=-1) or (JobTime_W2_YP=-1) or (Fixhrt_W2_YP=-1) or (JobEarn_W2_YP=-1 and
Fixhrt_W2_YP=2)) yptermpay= -1.
if ((Fixrat_POUNDS_W2_YP=-92) or (JobTime_W2_YP=-92) or (Fixhrt_W2_YP=-92) or (JobEarn_W2_YP=-92 and
Fixhrt_W2_YP=2)) yptermpay= -92.
if (JobEarn_W2_YP>0 or JobEarn_W2_YP=0) yptermpay = JobEarn_W2_YP.
if (Fixhrt_W2_YP=1 & JobTime_W2_YP > -1 & Fixrat_POUNDS_W2_YP > -1 & Fixrat_PENCE_W2_YP > -1) yptermpay=
(JobTime_W2_YP * (Fixrat_POUNDS_W2_YP+(Fixrat_PENCE_W2_YP/100))).
exe.

variable labels yptermpay " YP weekly term pay".

VALUE LABELS yptermpay
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable".
exe.

compute yptermpay_W2_DER = -95.
If (yptermpay >-1 and yptermpay <5)  yptermpay_W2_DER = 1.
If (yptermpay >4 and yptermpay <10)  yptermpay_W2_DER = 2.
If (yptermpay >9 and yptermpay <15)  yptermpay_W2_DER = 3.
If (yptermpay >14 and yptermpay <20)  yptermpay_W2_DER = 4.
If (yptermpay >19 and yptermpay <30)  yptermpay_W2_DER = 5.
If (yptermpay >29) yptermpay_W2_DER = 6.
if (yptermpay<0) yptermpay_W2_DER = yptermpay.
```

```
VALUE LABELS yptermpay_W2_DER
1 "Under £5.00"
2 "£5.00 - £9.99"
3 "£10.00 - £14.99"
4 "£15.00 - £19.99"
5 "£20.00 - £29.99"
6 "£30.00 or over"
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable".
exe.


variable labels yptermpay_W2_DER "Banded YP weekly term pay".
```

Source variable	Variable label	Source file
JobEarn_W2_YP	How much money YP earns each week through part-time work during term-time	Main File – Secure access
Fixrat_POUNDS_W2_YP	YP fixed hourly rate during term time - POUNDS	Main File – Secure access
JobTime_W2_YP	During term time, how many hours per week YP works in this job on average	Main File
Fixhrt_W2_YP	Whether YP is paid on an hourly basis during term time	Main File
Fixrat_PENCE_W2_YP	YP fixed hourly rate during term time - PENCE	Main File – Secure access

3.5 YPHolspay_W2_DER	"Banded YP weekly holiday pay"

Value labels:	Missing value labels:
1 'Under £5.00'	-99 'YP not interviewed'
2 '£5.00 - £9.99'	-92 'Refused'
3 '£10.00 - £14.99'	-91 'Not applicable'
4 '£15.00 - £19.99'	-1 'Don't know'
5 '£20.00 – 29.99'	
6 '£30.00 or over'	

Description of variable:

This variable calculates the banded weekly pay the YP received for working during school holidays

Derivation:

SPSS Code:

```
compute ypholspay = -95.
if (JobEarn2_W2_YP=-99) ypholspay = -99.
if (JobEarn2_W2_YP=-91) ypholspay = -91.
if ((Fixrah_POUNDS_W2_YP=-1) or (JobHols_W2_YP=-1) or (Fixhrh_W2_YP=-1) or  (JobEarn2_W2_YP=-1 and
Fixhrh_W2_YP=2)) ypholspay= -1.
if ((Fixrah_POUNDS_W2_YP=-92) or (JobHols_W2_YP=-92) or (Fixhrh_W2_YP=-92) or (JobEarn2_W2_YP=-92 and
Fixhrh_W2_YP=2)) ypholspay= -92.
if (JobEarn2_W2_YP>0 or JobEarn2_W2_YP=0) ypholspay = JobEarn2_W2_YP.
if (Fixhrh_W2_YP=1 & JobHols_W2_YP > -1 & Fixrah_POUNDS_W2_YP > -1 & Fixrah_PENCE_W2_YP > -1) ypholspay=
(JobHols_W2_YP * (Fixrah_POUNDS_W2_YP+(Fixrah_PENCE_W2_YP/100))).
exe.

variable labels ypholspay " YP weekly holiday pay".

VALUE LABELS ypholspay
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable".
exe.

compute ypholspay_W2_DER = -95.
If (ypholspay >-1 and ypholspay <5)  ypholspay_W2_DER = 1.
If (ypholspay >4 and ypholspay <10)   ypholspay_W2_DER = 2.
If (ypholspay >9 and ypholspay <15)   ypholspay_W2_DER = 3.
If (ypholspay >14 and ypholspay <20)   ypholspay_W2_DER = 4.
If (ypholspay >19 and ypholspay <30)   ypholspay_W2_DER = 5.
If (ypholspay >29) ypholspay_W2_DER = 6.
if (ypholspay<0)  ypholspay_W2_DER = ypholspay.
```

```
VALUE LABELS  ypholspay_W2_DER
1 "Under £5.00"
2 "£5.00 - £9.99"
3 "£10.00 - £14.99"
4 "£15.00 - £19.99"
5 "£20.00 - £29.99"
6 "£30.00 or over"
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable".
exe.


variable labels ypholspay_W2_DER "Banded YP weekly holiday pay".
```

Source variable	Variable label	Source file
JobEarn2_W2_YP	How much money YP earns each week through part-time work during school holidays	Main File – Secure access
Fixrah_POUNDS_W2_YP	YP fixed hourly rate during school holidays - POUNDS	Main File – Secure access
JobHols_W2_YP	During school holidays, how many hours per week YP works in this job on average	Main File – Secure access
Fixhrh_W2_YP	Whether YP is paid on an hourly basis during school holidays	Main File
Fixrah_PENCE_W2_YP	YP fixed hourly rate during school holidays - PENCE	Main File – Secure access

3.6 YPPay_W2_DER	"Banded approximate YP annual pay"

Value labels:	Missing value labels:
1 'Under £250'	-99 'YP not interviewed'
2 '£250 - £499'	-92 'Refused'
3 '£500 - £749'	-91 'Not applicable'
4 '£750 - £999'	-1 'Don't know'
5 '£1000 - £1499'	
6 '£1500 or over'	

Description of variable:

This variable calculates the banded approximate annual pay the YP received

Derivation:

SPSS Code:

```
compute yppay= -95.
if (ypholspay=-99 and yptermpay=-99) yppay = -99.
if (ypholspay=-91 and yptermpay=-91) yppay = -91.
if (ypholspay=-1 or yptermpay=-1) yppay = -1.
if (ypholspay=-92 or yptermpay=-92) yppay = -92.
if (ypholspay>-1 and yptermpay>-1) yppay = ((ypholspay*13) + (yptermpay*39)).
if (WheJob_w2_YP=1 & yptermpay > -1) yppay = (yptermpay*39).
if (WheJob_w2_YP=2 & ypholspay > -1) yppay = (ypholspay*13).
exe.

VALUE LABELS yppay
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable".
exe.

compute YPPay_W2_DER = -95.
If (yppay >-1 and yppay <250) YPPay_W2_DER = 1.
If (yppay >249 and yppay <500) YPPay_W2_DER = 2.
If (yppay >499 and yppay <750) YPPay_W2_DER = 3.
If (yppay >749 and yppay <1000) YPPay_W2_DER = 4.
If (yppay >999 and yppay <1500) YPPay_W2_DER = 5.
If (yppay >1499) YPPay_W2_DER = 6.
if (yppay<0) YPPay_W2_DER = yppay.

VALUE LABELS YPPay_W2_DER
1 "Under £250"
2 "£250 - £499"
3 "£500 - £749"
```

4 "£750 - £999"
5 "£1000- £1499"
6 "£1500 or over"
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable".
exe.

variable labels YPPay_W2_DER "Banded approximate YP annual pay".

Source variable	Variable label	Source file
JobEarn_W2_YP	How much money YP earns each week through part-time work during term-time	Main File – Secure access
Fixrat_POUNDS_W2_YP	YP fixed hourly rate during term time - POUNDS	Main File – Secure access
JobTime_W2_YP	During term time, how many hours per week YP works in this job on average	Main File
Fixhrt_W2_YP	Whether YP is paid on an hourly basis during term time	Main File
Fixrat_PENCE_W2_YP	YP fixed hourly rate during term time - PENCE	Main File – Secure access
JobEarn2_W2_YP	How much money YP earns each week through part-time work during school holidays	Main File – Secure access
Fixrah_POUNDS_W2_YP	YP fixed hourly rate during school holidays - POUNDS	Main File – Secure access
JobHols_W2_YP	During school holidays, how many hours per week YP works in this job on average	Main File – Secure access
Fixhrh_W2_YP	Whether YP is paid on an hourly basis during school holidays	Main File
Fixrah_PENCE_W2_YP	YP fixed hourly rate during school holidays - PENCE	Main File – Secure access
WheJob_W2_YP	When YP does this paid work	Main File

3.7 YPIncome_W2_DER	"Banded approximate YP annual income"

Value labels:	Missing value labels:
1 'Under £100'	-99 'YP not interviewed'
2 '£100 - £199.99'	-92 'Refused'
3 '£200 - £299.99'	-91 'Not applicable'
4 '£300 - £399.99'	-3 'Not possible to calculate'
5 '£400 - £499.99'	-1 'Don't know'
6 '£500 - £599.99'	
7 '£600 - £699.99'	
8 '£700 - £799.99'	
9 '£800 - £899.99'	
10 '£900 - £999.99'	
11 '£1000 - £1499.99'	
12 '£1500 or over'	

Description of variable:

This variable calculates the banded approximate annual income of the YP, combining their term time pay, holiday pay and pocket money.

Derivation:

SPSS Code:

```
compute ypincome = -95.
if (yppay>-1 and PocketMoney>-1) ypincome = (yppay + (PocketMoney*52)).
if (PocketMoney=-91 and yppay>-1) ypincome = yppay.
if (PocketMoney>-1 and yppay=-91) ypincome = (PocketMoney*52).
if (PocketMoney=-3 and yppay>-1) ypincome = yppay.
if (PocketMoney=-3) ypincome = -3.
if (PocketMoney=-1 or yppay=-1) ypincome = -1.
if (PocketMoney=-92 or yppay=-92) ypincome = -92.
If (PocketMoney=-3 and (yppay=-1 or yppay=-91))  ypincome = -1.
If (PocketMoney=-3 and  yppay=-92)  ypincome = -92.
if (PocketMoney=-99 and yppay=-99) ypincome = -99.
if (PocketMoney=-91 and yppay=-91) ypincome = -91.

VALUE LABELS ypincome
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable" -3 "Not possible to calculate".
exe.

compute YPIncome_W2_DER = -95.
If (ypincome >-1 and ypincome <100) YPIncome_W2_DER = 1.
If (ypincome >99.99 and ypincome <200) YPIncome_W2_DER = 2.
If (ypincome >199.99 and ypincome <300) YPIncome_W2_DER = 3.
```

```
If (ypincome >299.99 and ypincome <400) YPIncome_W2_DER = 4.
If (ypincome >399.99 and ypincome <500) YPIncome_W2_DER = 5.
If (ypincome >499.99 and ypincome <600) YPIncome_W2_DER = 6.
If (ypincome >599.99 and ypincome <700) YPIncome_W2_DER = 7.
If (ypincome >699.99 and ypincome <800) YPIncome_W2_DER = 8.
If (ypincome >799.99 and ypincome <900) YPIncome_W2_DER = 9.
If (ypincome >899.99 and ypincome <1000) YPIncome_W2_DER = 10.
If (ypincome >999.99 and ypincome <1500) YPIncome_W2_DER = 11.
If (ypincome >1499.99) YPIncome_W2_DER = 12.
if (ypincome<0)  YPIncome_W2_DER = ypincome.

VALUE LABELS YPIncome_W2_DER
1 "Under £100"
2 "£100 - £199.99"
3 "£200 - £299.99"
4 "£300 - £399.99"
5 "£400 - £499.99"
6 "£500 - £599.99"
7 "£600 - £699.99"
8 "£700 - £799.99"
9 "£800 - £899.99"
10 "£900 - £999.99"
11 "£1000- £1499.99"
12 "£1500 or over"
-1 "Don't know"
-92 "Refused"
-99 "YP not interviewed"
-91 "Not applicable"
 -3 "Not possible to calculate".
exe.

recode YPIncome_W2_DER (-95 = -3).

variable labels YPIncome_W2_DER "Banded approximate YP annual income".
```

Source variable	Variable label	Source file
JobEarn_W2_YP	How much money YP earns each week through part-time work during term-time	Main File – Secure access
Fixrat_POUNDS_W2_YP	YP fixed hourly rate during term time - POUNDS	Main File – Secure access
JobTime_W2_YP	During term time, how many hours per week YP works in this job on average	Main File
Fixhrt_W2_YP	Whether YP is paid on an hourly basis during term time	Main File
Fixrat_PENCE_W2_YP	YP fixed hourly rate during term time - PENCE	Main File – Secure access
JobEarn2_W2_YP	How much money YP earns each week through part-time work during school holidays	Main File – Secure access
Fixrah_POUNDS_W2_YP	YP fixed hourly rate during school holidays - POUNDS	Main File – Secure access
JobHols_W2_YP	During school holidays, how many hours per week YP works in this job on average	Main File – Secure access
Fixhrh_W2_YP	Whether YP is paid on an hourly basis during school holidays	Main File
Fixrah_PENCE_W2_YP	YP fixed hourly rate during school holidays - PENCE	Main File – Secure access
WheJob_W2_YP	When YP does this paid work	Main File
PocMonP_W2_YP	How often YP receives pocket money	Main File
PocMonA_W2_YP	How much pocket money YP receives - POUNDS	Main File

4. Attitudes to school and future aspirations

4.1 Atttosch_W2_DER	"Level of positive attitude to school for YP"

Value labels: Numeric	Missing value labels: -99 'YP not interviewed' -91 'Not applicable' -3 'Unable to be calculated – too little information'

Description of variable:

This variable calculates the level of positive attitude to school of the YP.

Derivation:

SPSS Code:

```
recode YYS2_W2_YP (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS2.
recode YYS4_W2_YP (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS4.
recode YYS5_W2_YP  (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS5.
recode YYS6_W2_YP  (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS6.
recode YYS9_W2_YP  (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS9.
recode YYS10_W2_YP  (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS10.
recode YYS12_W2_YP  (1 = 3) (2 = 2) (3 = 1) (4 = 0) (else = copy) into YYS12.

recode YYS1_W2_YP (1 = 0) (2 = 1) (3 = 2) (4 = 3) (else = copy) into YYS1.
recode YYS3_W2_YP (1 = 0) (2 = 1) (3 = 2) (4 = 3) (else = copy) into YYS3.
recode YYS7_W2_YP (1 = 0) (2 = 1) (3 = 2) (4 = 3) (else = copy) into YYS7.
recode YYS8_W2_YP (1 = 0) (2 = 1) (3 = 2) (4 = 3) (else = copy) into YYS8.
EXECUTE.

count numYYS = YYS2
YYS4
YYS5
YYS6
YYS9
YYS10
YYS12
YYS1
YYS3
YYS7
YYS8 (0 thru 3).

recode YYS2
YYS4
```

```
YYS5
YYS6
YYS9
YYS10
YYS12
YYS1
YYS3
YYS7
YYS8 (-1 = 0).
EXECUTE.

compute atttosch_W2_DER = (YYS2 +
YYS4 +
YYS5 +
YYS6 +
YYS9 +
YYS10 +
YYS12 +
YYS1 +
YYS3 +
YYS7 +
YYS8)/(3*numYYS).

if numYYS < 6 atttosch_W2_DER = -3.
if YYS2 = -99 atttosch_W2_DER = -99.
if YYS2 = -91 atttosch_W2_DER = -91.
fre atttosch_W2_DER.

variable labels atttosch_W2_DER "Level of positive attitude to school for YP".
value labels atttosch_W2_DER -99 "YP not interviewed" -91 "Not applicable" -3 "Unable to be calculated - too little
information".

formats
atttosch_W2_DER  (f5.2).
```

Source variable	Variable label	Source file
YYS1_W2_YP	YP agreement - School is a waste of time	Main File
YYS2_W2_YP	YP agreement - School work is worth doing	Main File
YYS3_W2_YP	YP agreement - Most of the time I don't want to go to school	Main File
YYS4_W2_YP	YP agreement - People think my school is a good school	Main File
YYS5_W2_YP	YP agreement - On the whole I like being at school	Main File
YYS6_W2_YP	YP agreement - I work as hard as I can in school	Main File
YYS7_W2_YP	YP agreement - I am bored in lessons	Main File
YYS8_W2_YP	YP agreement - The work I do in lessons is a waste of time	Main File
YYS9_W2_YP	YP agreement - The work I do in lessons is interesting to me	Main File
YYS10_W2_YP	YP agreement - I get good marks for my work	Main File
YYS12_W2_YP	YP agreement - I feel safe in school	Main File

4.2 Schlatt_W2_DER	"School Attitudes (high=positive)"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-91 'Not applicable'
	-1 'Don't know'

Description of variable:

This school attitudes variable was defined for use in the W2 Research Report. It calculates the level of positive attitude to school of YP on a scale of 0-24.

Derivation:

Note that not all the statements used in the derivation of Atttosch_W2_DER have been used in the derivation of this variable.

SPSS Code:

```
recode YYS1_W2_YP YYS3_W2_YP YYS7_W2_YP YYS8_W2_YP(else=copy) into W2yysAypr W2yysCypr W2yysFypr
W2yysGypr.
recode YYS2_W2_YP YYS5_W2_YP YYS6_W2_YP YYS9_W2_YP(1=4)(2=3)(3=2)(4=1)(else=copy)into W2yysBypr
W2yysDypr W2yysEypr W2yysHypr.
variable labels W2yysAypr "DV: School is a waste of time for me (high=positive)"
/W2yysBypr "DV: School work is worth doing (high=positive)"
/W2yysCypr "DV: Most of the time I don't want to go to school (high=positive)"
/W2yysDypr "DV: On the whole I like being at school (high=positive)"
/W2yysEypr "DV: I work as hard as I can (high=positive)"
/W2yysFypr "DV: I am bored in lessons (high=positive)"
/W2yysGypr "DV: The work I do in lessons is a waste of time (high=positive)"
/W2yysHypr "DV: The work I do in lessons is interesting to me (high=positive)".

compute Schlatt_W2_DER=W2yysAypr+W2yysBypr+W2yysCypr+W2yysDypr+W2yysEypr+
W2yysFypr+W2yysGypr+W2yysHypr.
do repeat x=W2yysAypr to W2yysHypr.
if any (x,-99)Schlatt_W2_DER=-99.
if any (x,-91)Schlatt_W2_DER=-91.
if any (x,-1)Schlatt_W2_DER=-1.
end repeat print.

if Schlatt_W2_DER>=8 Schlatt_W2_DER=Schlatt_W2_DER-8.
execute.
variable labels Schlatt_W2_DER "School Attitudes (high=positive)".
value labels Schlatt_W2_DER -1"don't know" -91 "not applicable" -99"YP not interviewed".
```

Source variable	Variable label	Source file

YYS1_W2_YP	YP agreement - School is a waste of time	Main File
YYS2_W2_YP	YP agreement - School work is worth doing	Main File
YYS3_W2_YP	YP agreement - Most of the time I don't want to go to school	Main File
YYS5_W2_YP	YP agreement - On the whole I like being at school	Main File
YYS6_W2_YP	YP agreement - I work as hard as I can in school	Main File
YYS7_W2_YP	YP agreement - I am bored in lessons	Main File
YYS8_W2_YP	YP agreement - The work I do in lessons is a waste of time	Main File
YYS9_W2_YP	YP agreement - The work I do in lessons is interesting to me	Main File

4.3 Aspir_W2_DER	"Post year 11 aspirations (What YP thinks they will do)"

Value labels:	Missing value labels:
1 'Staying on in full time education including gap years' 2 'Learn a trade/Work based training/Apprenticeship' 3 'Working full-time' 4 'Something else'	-99 'YP not interviewed' -1 'Don't know/undecided/leave full-time education but don't know what will do'

Description of variable:

This variable combines the responses to Plann16_W2_YP and Pladk16_W2_YP. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Plann16_W2_YP (3=1)(else=copy) into Aspir_W2_DER.
if Pladk16_W2_YP=-1 Aspir_W2_DER=-1.
if Plast16_W2_YP=6 or Pladk16_W2_YP=1 or Pladk16_W2_YP=2 Aspir_W2_DER=2.
if Pladk16_W2_YP=3 Aspir_W2_DER=3.
if Pladk16_W2_YP>4 Aspir_W2_DER=4.
if Plann16_W2_YP=2 and Pladk16_W2_YP=-1 Aspir_W2_DER=-1.

variable labels Aspir_W2_DER "Post year 11 aspirations (What YP thinks they will do)".
value labels Aspir_W2_DER
-99 'YP not interviewed'
-1 "Don't know/undecided/leave full-time education but don't know what will do"
1 'Staying on in full time education including gap years'
2 'Learn a trade/Work based training/Apprenticeship'
3 'Working full-time'
4 'Something else'.

Source variable	Variable label	Source file
Plann16_W2_YP	What YP thinks they will do when they are 16	Main File
Pladk16_W2_YP	What YP thinks they will do when they are 16 rather than staying in education	Main File

4.4 Aspir2_W2_DER	"Post year 11 aspirations inc DK (What YP thinks they will do)"
Value labels: 1 'Staying on/Returning to full-time education' 2 'Learn a trade/Work based training/Apprenticeship' 3 'Working full-time' 4 'Something else' 5 'Don't know/undecided/leave full-time education but don't know what will do'	**Missing value labels:** -99 'YP not interviewed'

Description of variable:

This variable is the same as Aspir_W2_DER except that -1s are recoded as 5s. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Aspir_W2_DER (-1=5)(else=copy) into Aspir2_W2_DER.
variable labels Aspir2_W2_DER "Post year 11 aspirations including don't know (What YP thinks they will do)".
value labels Aspir2_W2_DER
-99 'YP not interviewed'
1 'Staying on/Returning to full-time education'
2 'Learn a trade/Work based training/Apprenticeship'
3 'Working full-time'
4 'Something else'
5 "Don't know/undecided/leave full-time education but don't know what will do".

Source variable	Variable label	Source file
Aspir_W2_DER	Post year 11 aspirations (What YP thinks they will do)	Main File

4.5 Aspir3_W2_DER	"Post year 11 aspirations including don't know and A level intentions (What YP thinks they will do) "
Value labels: 1 'Staying on/Returning to full-time education - intends to do A levels' 2 'Staying on/Returning to full-time education - A level plans not certain' 3 'Learn a trade/Work based training/Apprenticeship' 4 'Working full-time' 5 'Something else' 6 'Don't know/undecided/leave full-time education but don't know what will do'	**Missing value labels:** -99 'YP not interviewed'

Description of variable:

This variable is similar to Aspir2_W2_DER but with the "Staying on" group split into A level and other. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Aspir2_W2_DER (1=2)(2=3)(3=4)(4=5)(5=6)(else=copy) into Aspir3_W2_DER.
if (alevif_W2_YP=1) Aspir3_W2_DER=1.
variable labels Aspir3_W2_DER "Post year 11 aspirations including don't know and A level intentions (What YP thinks they will do)".
value labels Aspir3_W2_DER
-99 'YP not interviewed'
1 'Staying on/Returning to full-time education - intends to do A levels'
2 'Staying on/Returning to full-time education - A level plans not certain'
3 'Learn a trade/Work based training/Apprenticeship'
4 'Working full-time'
5 'Something else'
6 "Don't know/undecided/leave full-time education but don't know what will do".
execute.

Source variable	Variable label	Source file
Aspir2_W2_DER	Post year 11 aspirations inc DK (What YP thinks they will do)	Main File
Alevif_W2_YP	Whether YP will stay on in education after Year 11 to do A-levels	Main File

4.6 FPlanYP_W2_DER	**"What YP thinks most of their friends will do after Year 11 (DK/Something else combined)"**

Value labels: 1 'Stay on in full time education, either at the school or somewhere else' 2 'Leave full time education' 3 'Don't know/Something else'	**Missing value labels:** -99 'YP not interviewed'

Description of variable:

This variable is the same as FPlan16_W2_YP except that Don't know and Something else are combined into one category. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode FPlan16_W2_YP (1=1) (2=2) (-1 3 = 3) (else = copy) into FPlanYP_W2_DER.
missing values FPlanYP_W2_DER (-99).
value labels FPlanYP_W2_DER
3 "Don't know/Something else"
2 "Leave full time education"
1 "Stay on in full time education, either at the school or somewhere else"
-99 "YP not interviewed".
variable labels FPlanYP_W2_DER "What YP thinks most of their friends will do after Year 11 (DK/Something else combined)".

Source variable	Variable label	Source file
FPlan16_W2_YP	What YP thinks most of their friends will do after Year 11	Main File

5. Risk factors

5.1 TruantYP_W2_DER	"Whether YP played truant in last 12 months with longest spell"
Value labels: 1 'Did not play truant' 2 'Played truant for particular lessons, odd day or odd lesson' 3 'Played truant for several days at a time' 4 'Played truant for weeks at a time'	**Missing value labels:** -99 'YP not interviewed' -92 'Refused' -91 'Not applicable' -2 'Played truant but don't know or refused to give time period' -1 'Don't know'

Description of variable:

This variable shows whether the YP played truant in last 12 months and if so the longest spell. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

```
recode Truant_W2_YP (1=2)(2=1)(else=copy) into TruantYP_W2_DER.
if Truant1_W2_YP=1 TruantYP_W2_DER=4.
if Truant1_W2_YP=2 TruantYP_W2_DER=3.
if any (Truant1_W2_YP,3,4) TruantYP_W2_DER=2.
if any(Truant1_W2_YP,-92,-1) TruantYP_W2_DER=-2.
execute.
variable labels TruantYP_W2_DER 'Whether YP played truant in last 12 months with longest spell'.
value labels TruantYP_W2_DER
-99 'YP not interviewed'
-92 'Refused'
-91 'Not applicable'
-2 "Played truant but don't know or refused to give time period"
-1 "Don't know"
1 'Did not play truant'
2 'Played truant for particular lessons, odd day or odd lesson'
3 'Played truant for several days at a time'
4 'Played truant for weeks at a time'.
```

Source variable	Variable label	Source file
Truant_W2_YP	Whether YP has played truant since the last interview	Main File
Truant1_W2_YP	The longest time YP has played truant for since the last interview	Main File

5.2 TruantP_W2_DER	"Whether parents kept YP off school"

Value labels:	Missing value labels:
1 'Did not keep off school'	-99 'YP not interviewed'
2 'Less often than once a month'	-92 'Refused'
3 'Once or twice a month'	-91 'Not applicable'
4 'Every week'	-2 'Kept off school but don't know or refused to give time period'
	-1 'Don't know'

Description of variable:

This variable shows whether parents kept the YP off school and if so how often. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Truant3_W2_YP (1=2)(2=1)(else=copy) into TruantP_W2_DER.
if Truant4_W2_YP=1 TruantP_W2_DER=4.
if Truant4_W2_YP=2 TruantP_W2_DER=3.
if Truant4_W2_YP=3 TruantP_W2_DER=2.
if any(Truant4_W2_YP,-92,-1) TruantP_W2_DER=-2.
execute.
variable labels TruantP_W2_DER 'Whether parents kept YP off school'.
value labels TruantP_W2_DER
-99 'YP not interviewed'
-92 'Refused'
-91 'Not applicable'
-2 "Kept off school but don't know or refused to give time period"
-1 "Don't know"
1 'Did not keep off school'
2 'Less often than once a month'
3 'Once or twice a month'
4 'Every week'.

Source variable	Variable label	Source file
Truant3_W2_YP	Whether parents have kept YP off school since the last interview	Main File
Truant4_W2_YP	How often parents kept YP off school since the last interview	Main File

5.3 Truant1a_W2_DER	"How often YP played truant in the 12 months before wave 1 interview (wave 1 data updated for missing cases)"

Value labels:	Missing value labels:
1 'Most days'	-99 'YP not interviewed'
2 '2 to 3 times a week'	-97 'Question not asked due to routing error'
3 'Once a week'	-92 'Refused'
4 'Once a month'	-91 'Not applicable'
5 'Less often than once a month'	-1 'Don't know'
6 'Only did this once in that time'	

Description of variable:

This variable records how often YP played truant in the 12 months before wave 1 interview (wave 1 data updated for missing cases)

Derivation:

SPSS Code:

Compute Truant1a_W2_DER = Truant1a_W1_YP.
if (Truant1a_W1_YP = -97 or Truant1a_W1_YP = -99) Truant1a_W2_DER = Truantrecon2_W2_YP.
if Truant1a_W1_YP = -97 and Truant1a_W2_DER = -91 Truant1a_W2_DER = Truant1a_W1_YP.

value labels Truant1a_W2_DER -99 "YP not interviewed" -97 "Question not asked due to routing error" -92 "Refused" -91 "Not applicable" -1 "Don't know" 1 "Most days"
2 "2 to 3 times a week" 3 "Once a week" 4 "Once a month" 5 "Less often than once a month" 6 "Only did this once in that time".

variable labels Truant1a_W2_DER "How often YP played truant in the 12 months before wave 1 interview (wave 1 data updated for missing cases)".

Source variable	Variable label	Source file
Truant1a_W1_YP	How often YP has played truant, in the last 12 months	Main File – Secure access (W1)
Truantrecon2_W2_YP	How often YP played truant in the 12 months before wave 1 interview	Main File

5.4 ExcludeMP_W2_DER	"Whether suspended or excluded since start of school year (excluded takes precedence)"
Value labels: 1 'Not suspended or excluded since start of Year 10' 2 'Suspended since start of Year 10' 3 'Permanently excluded or expelled since start of Year 10'	**Missing value labels:** -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable shows whether the MP said the YP had been suspended or excluded since the start of the school year with exclusions taking precedence. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Suspend_W2_MP (2=1)(1=2)(else=copy) into ExcludeMP_W2_DER.
if Expel_W2_MP=1 ExcludeMP_W2_DER=3.

variable labels ExcludeMP_W2_DER "Whether suspended or excluded since start of school year (excluded takes precedence)".

value labels ExcludeMP_W2_DER -99 MP not interviewed
-91 Not applicable
-92 Refused
-1 "Don't know"
1 'Not suspended or excluded since start of Year 10'
2 'Suspended since start of Year 10'
3 'Permanently excluded or expelled since start of Year 10'.

Source variable	Variable label	Source file
Suspend_W2_MP	Whether YP has been suspended, since the beginning of Year 10	Main File
Expel_W2_MP	Whether YP has been expelled, since the beginning of Year 10	Main File

5.5 Risk_W2_DER	"Number of risk factors acknowledged by YP"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-91 'Not applicable'

Description of variable:

This variable calculates the number of risk factors the YP acknowledges having been involved in (with don't knows and refuseds ignored).

Derivation:

This variable is not defined the same way as the Risk_short variables. The methodology is similar to that for Risk_W1_DER although not all the same risk factors counted in W1 are counted in W2.

SPSS Code:

```
compute drinking = 0.
if Alch3_W2_YP = 4 or Alch3_W2_YP = 5 or Bingednk_W2_YP = 1 drinking = 1.
exe.
compute vandalism = 0.
if Spray_W2_YP = 1 or Smash_W2_YP = 1 vandalism = 1.
exe.
compute fighting = 0.
if Fight_W2_YP = 1 or Fight2_W2_YP = 1 or Knife_W2_YP = 1 fighting = 1.
execute.

Count Risk_W2_DER =
CigFreq_W2_YP (4,5,6)
drinking
Dru3_W2_YP
Truant_W2_YP
vandalism
Shop_W2_YP
fighting
Cgangse_W2_YP (1).

if CigFreq_W2_YP = -91 Risk_W2_DER = -91.
if ypcomp_W2_DER = 2 Risk_W2_DER = -99.

variable labels Risk_W2_DER "Number of risk factors acknowledged by YP".
value labels Risk_W2_DER -91 "Not applicable" -99 "YP not interviewed".
```

Source variable	Variable label	Source file
Alch3_W2_YP	How often YP usually has an alcoholic drink	Main File
Bingednk_W2_YP	Whether YP has ever been really drunk	Main File
Spray_W2_YP	Whether, in the last 12 months, YP has written things or sprayed paint on a building, fence, train etc	Main File
Smash_W2_YP	Whether, in the last 12 months, YP has damaged anything in a public place that didn't belong to them on purpose	Main File
Fight_W2_YP	Whether YP has ever hit or attacked anyone on purpose with an object or weapon	Main File
Fight2_W2_YP	Whether YP has ever hit or attacked anyone WITHOUT using an object or weapon	Main File
Knife_W2_YP	Whether YP has ever carried a knife or other weapon	Main File
CigFreq_W2_YP	Frequency of smoking	Main File – Secure access
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Shop_W2_YP	Whether YP has ever shoplifted	Main File
Cgangse_W2_YP	Whether YP is a member of a street gang	Main File
Ypcomp_W2_DER	Whether the young person completed the interview	Main File

5.6 Cig_W2_DER	"Smoking report"
Value labels: 1 'Never smoked' 2 'Smoked but refuses or doesn't know frequency' 3 'Only ever tried once' 4 'Used to smoke but never nowadays' 5 'Sometimes but not as many as 1 a week' 6 'Usually between 1 and 6 a week' 7 'Usually more than 6 a week'	**Missing value labels:** -99 'Not interviewed' -92 'Refused to answer ever smoke nowadays' -91 'Not applicable' -1 'Don't know response to ever smoke nowadays'

Description of variable:

This variable records YP's reported smoking. This variable was derived for use in the W2 RR (Research Report)

Derivation:

SPSS Code:

recode Cignow_W2_YP (-99 thru -1=copy)(2=1)(else=-9) into Cig_W2_DER.
if CigFreq_W2_YP=1 Cig_W2_DER=1.
if Cignow_W2_YP = 1 and (CigFreq_W2_YP=-92 or CigFreq_W2_YP=-1) Cig_W2_DER=2.
if CigFreq_W2_YP=2 Cig_W2_DER=3.
if CigFreq_W2_YP=3 Cig_W2_DER=4.
if CigFreq_W2_YP=4 Cig_W2_DER=5.
if CigFreq_W2_YP=5 Cig_W2_DER=6.
if CigFreq_W2_YP=6 Cig_W2_DER=7.
variable labels Cig_W2_DER 'Smoking report'.
value labels Cig_W2_DER
-99 Not interviewed
-92 Refused to answer ever smoke nowadays
-91 Not applicable
-1 "Don't know response to ever smoke nowadays"
1 Never smoked
2 "Smoked but refuses or doesn't know frequency"
3 Only ever tried once
4 Used to smoke but never nowadays
5 Sometimes but not as many as 1 a week
6 Usually between 1 and 6 a week
7 Usually more than 6 a week.

Source variable	Variable label	Source file
Cignow_W2_YP	Whether YP smokes cigarettes at all nowadays	Main File
CigFreq_W2_YP	Frequency of smoking	Main File –Secure access

5.7 Alcohol_W2_DER	"Whether YP has drunk and how frequently"

Value labels:	Missing value labels:
1 'Never'	-99 'YP not interviewed'
2 'Has drunk but not in last 12 months'	-92 'Refused'
3 'Has had drink in last 12months but doesn't know or refused how often'	-91 'Not applicable'
4 'Once a month or less but within last 12 months'	-1 'Don't know'
5 '2-3 times a month'	
6 'More often'	

Description of variable:

This variable summarises YP's reported drinking. This variable was derived for use in the W2 RR (Research Report).

Derivation:

SPSS Code:

```
compute Alcohol_W2_DER=99.
do if AlcEver_W2_YP<0.
compute Alcohol_W2_DER=AlcEver_W2_YP.
else if AlcEver_W2_YP=2.
compute Alcohol_W2_DER=1.
else if AlcEver_W2_YP=1.
recode Alch3_W2_YP (-99,-91=COPY)(-1,-92=3)(1=2)(2=4)(3=5)(4,5=6) INTO Alcohol_W2_DER.
end if.
variable labels Alcohol_W2_DER "Whether YP has drunk and how frequently".
value labels Alcohol_W2_DER
-99 YP not interviewed
-92 Refused
-91 Not applicable
-1 "Don't know"
1 Never
2 "Has drunk but not in last 12 months"
3 "Has had drink in last 12months but doesn't know or refused how often"
4 Once a month or less but within last 12 months
5 2-3 times a month
6 More often.
```

Source variable	Variable label	Source file
AlcEver_W2_YP	Whether YP has ever had a proper alcoholic drink	Main File
Alch3_W2_YP	How often YP usually has an alcoholic drink	Main File

5.8 Drunk_W2_DER	"Whether YP gets drunk and how often"

Value labels: 1 'Doesn't drink' 2 'Drinks but never really drunk' 3 'Drinks but doesn't know or refused if really drunk' 4 'Has been really drunk but doesn't know or refused how often' 5 'Has been drunk less than once a month' 6 'Has been drunk monthly' 7 'Has been drunk weekly' 8 'Has been drunk daily or almost daily'	Missing value labels: -99 'Not interviewed' -92 'Don't want to answer' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable summarises YP's reported frequency of getting drunk (if at all). This variable was derived for use in the W2 RR (Research Report).

Derivation:

SPSS Code:

recode Alcohol_W2_DER (2 thru 6=2)(else=copy) into Drunk_W2_DER.
if Bingednk_W2_YP =-1 or Bingednk_W2_YP=-92 Drunk_W2_DER=3.
if Bingednk1_W2_YP=-1 or Bingednk1_W2_YP=-92 Drunk_W2_DER=4.
if Bingednk1_W2_YP=1 Drunk_W2_DER=5.
if Bingednk1_W2_YP=2 Drunk_W2_DER=6.
if Bingednk1_W2_YP=3 Drunk_W2_DER=7.
if Bingednk1_W2_YP=4 Drunk_W2_DER=8.
variable labels Drunk_W2_DER 'Whether YP gets drunk and how often'.
value labels Drunk_W2_DER
-99 "YP not interviewed"
-92 "Don't want to answer"
-91 "Not applicable"
-1 "Don't know"
1 "Doesn't drink"
2 Drinks but never really drunk
3 "Drinks but doesn't know or refused if really drunk"
4 "Has been really drunk but doesn't know or refused how often"
5 Has been drunk less than once a month
6 Has been drunk monthly
7 Has been drunk weekly
8 Has been drunk daily or almost daily.

Source variable	Variable label	Source file
Alcohol_W2_DER	Whether YP has drunk and how	Main File

	frequently	
Bingednk_W2_YP	Whether YP has ever been really drunk in the last 12 months	Main File
Bingednk1_W2_YP	How often YP got really drunk in the last 12 months	Main File – Secure access

5.9 Cannabis_W2_DER	"Whether YP has had cannabis and how frequently"

Value labels:	Missing value labels:
1 'Never'	-99 'Not interviewed'
2 'Never use it now or don't know how often use it'	-92 'Refused'
3 'Once a month or less'	-91 'Not applicable'
4 '2 to 4 times a month'	-1 'Don't know'
5 '2 to 3 times a week'	
6 '4 plus times a week'	

Description of variable:

This variable summarises whether YP has had cannabis and how frequently. This variable was derived for use in the W2 RR (Research Report)

Derivation:

SPSS Code:

```
frequencies Dru3_W2_YP Dru5_W2_YP.
compute Cannabis_W2_DER=99.
do if Dru3_W2_YP<0.
compute Cannabis_W2_DER=Dru3_W2_YP.
else if Dru3_W2_YP=2.
compute Cannabis_W2_DER=1.
else if Dru3_W2_YP=1.
recode Dru5_W2_YP (-99 thru -91=COPY) (-1,1=2)(2=3)(3=4)(4=5)(5=6) INTO Cannabis_W2_DER.
end if.
variable labels Cannabis_W2_DER "Whether YP has had cannabis and how frequently".
value labels Cannabis_W2_DER
-99 YP not interviewed
-92 Refused
-91 Not applicable
-1 Don't know
1 Never
2 "Never use it now or don't know how often use it"
3 Once a month or less
4 2 to 4 times a month
5 2 to 3 times a week
6 4 plus times a week.
```

Source variable	Variable label	Source file
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Dru5_W2_YP	How often YP uses cannabis	Main File

5.10 Vandal_W2_DER	**"If YP sprayed or smashed in last 12 months"**

Value labels:	**Missing value labels:**
0 'No'	-99 'Not interviewed'
1 'Yes - 1'	-91 'Not applicable'
2 'Yes - both'	-2 'Refused or Don't know on 1 or both items'

Description of variable:

This variable records whether YP graffitied or damaged public property in since the last interview. This variable was derived for use in the W2 RR (Research Report).

Derivation:

SPSS Code:

recode Smash_W2_YP (-99, -91 =copy)(else=0) into Vandal_W2_DER.
do if Vandal_W2_DER>=0.
count Vandal_W2_DER=Spray_W2_YP Smash_W2_YP (1).
end if.
if Spray_W2_YP = -1 or Spray_W2_YP = -92 or Smash_W2_YP = -1 or Smash_W2_YP = -92 Vandal_W2_DER = -2.
variable labels Vandal_W2_DER 'If YP sprayed or smashed in last 12 months'.
value labels Vandal_W2_DER
-99 YP not interviewed
-91 Not applicable
-2 "Refused or don't know on 1 or both items"
0 No
1 "Yes - 1"
2 "Yes - both".

Source variable	Variable label	Source file
Smash_W2_YP	Whether, since the last interview, YP has damaged anything in a public place that didn't belong to them on purpose	Main File
Spray_W2_YP	Whether, since the last interview, YP has written things or sprayed paint on a building, fence, train etc	Main File

5.11 Violent_W2_DER	"If YP says yes to any of 3 violent activities and how many"

Value labels:	Missing value labels:
0 'No'	-99 'Not interviewed'
1 'Yes - 1'	-91 'Not applicable'
2 'Yes - 2'	-2 'Refused or Don't know on 1 or both items'
3 'Yes - 3'	

Description of variable:

This variable records whether YP says yes to any of 3 violent activities and how many. This variable was derived for use in the W2 RR (Research Report)

Derivation:

SPSS Code:

recode Fight_W2_YP (-99, -91=copy)(else=0) into Violent_W2_DER.
do if Violent_W2_DER>=0.
count Violent_W2_DER=Fight_W2_YP Fight2_W2_YP Knife_W2_YP (1).
end if.
if any (-1, -92, Fight_W2_YP, Fight2_W2_YP, Knife_W2_YP) Violent_W2_DER = -2.
variable labels Violent_W2_DER 'If YP says yes to any of 3 violent activities and how many'.
value labels Violent_W2_DER
-99 YP not interviewed
-91 Not applicable
-2 "Refused or don't know on 1 or more items"
0 No
1 "Yes - 1"
2 "Yes - 2"
3 "Yes - 3".

Source variable	Variable label	Source file
Fight_W2_YP	Whether, since the last interview, YP has hit or attacked anyone on purpose with an object or weapon	Main File
Fight2_W2_YP	Whether, since the last interview, YP has ever hit or attacked anyone WITHOUT using an object or weapon	Main File
Knife_W2_YP	Whether, since the last interview, YP has carried a knife or other weapon	Main File

5.12 Risk_short1_W2_DER	"Number of risk factors acknowledged by YP with fighting"

Value labels:	**Missing value labels:**
Numeric	-99 'YP not interviewed'
	-91 'Not applicable'
	-2 'Refused/Don't know/other missing'

Description of variable:

This variable calculates the number of risk factors acknowledged by YP with fighting   This variable was derived for use in the W2 RR (Research Report)

Derivation:

SPSS Code:

recode Violent_W2_DER (2,3=1) (0=2)(else=copy) into Violent_Sum.
variable labels Violent_Sum 'If YP says yes to any of 3 violent activities'.
value labels Violent_Sum
-99 YP not interviewed
-91 Not applicable
-2 "Refused or don't know on 1 or more items"
2 No
1 Yes.

recode Cig_W2_DER (-99, -91=copy)(else=0) into Risk_short1_W2_DER.
fre Risk_short1_W2_DER.
do if Risk_short1_W2_DER=0.
count Risk_short1_W2_DER = Cigtemp_W2 Alctemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP Violent_Sum (1).
end if.
do rep x=Cigtemp_W2 Alctemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP Violent_Sum.
if any (x, -1, -2, -92, -94) Risk_short1_W2_DER = -2.
end rep print.
variable labels Risk_short1_W2_DER "Number of risk factors acknowledged by YP with fighting".
value labels Risk_short1_W2_DER -2 "Refused/Don't know/other missing" -91 "Not applicable" -99 "YP not interviewed".

Source variable	Variable label	Source file
Cig_W2_DER	Smoking report	Main File
Alcohol_W2_DER	Whether YP has drunk and how frequently	Main File
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Spray_W2_YP	Whether, since the last interview, YP has written things or sprayed paint on a building, fence, train etc	Main File

Smash_W2_YP	Whether, since the last interview, YP has damaged anything in a public place that didn't belong to them on purpose	Main File
Shop_W2_YP	Whether, since the last interview, YP has shoplifted	Main File
Violent_W2_DER	If YP says yes to any of 3 violent activities and how many	Main File

5.13 Risk_short2_W2_DER	"Number of risk factors acknowledged by YP without fighting"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-91 'Not applicable'
	-2 'Refused/Don't know/other missing'

Description of variable:

This variable calculates the number of risk factors acknowledged by YP without fighting. This variable was derived for use in the W2 RR (Research Report).

Derivation:

The derivation is the same as Risk_short1_W2_DER except that Violent_W2_DER is excluded. The derivation of the working variables Cigtemp_W2 and Alctemp_W2 is shown in the code for Risk_short1_W2_DER and not repeated here.

SPSS Code:

```
recode Cig_W2_DER (-99, -91=copy)(else=0) into Risk_short2_W2_DER.
do if Risk_short2_W2_DER=0.
count Risk_short2_W2_DER =  Cigtemp_W2 Alctemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP (1).
end if.
do rep x=Cigtemp_W2 Alctemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP.
if any (x, -1, -2, -92, -94) Risk_short2_W2_DER = -2.
end rep print.
variable labels Risk_short2_W2_DER "Number of risk factors acknowledged by YP without fighting".
value labels Risk_short2_W2_DER  -2 "Refused/Don't know/other missing" -91 "Not applicable"  -99 "YP not interviewed".
```

Source variable	Variable label	Source file
Cig_W2_DER	Smoking report	Main File
Alcohol_W2_DER	Whether YP has drunk and how frequently	Main File
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Spray_W2_YP	Whether, since the last interview, YP has written things or sprayed paint on a building, fence, train etc	Main File
Smash_W2_YP	Whether, since the last interview, YP has damaged anything in a public place that didn't belong to them on purpose	Main File
Shop_W2_YP	Whether, since the last interview, YP has shoplifted	Main File

5.14 Risk_noalc_W2_DER	"Number of risk factors acknowledged by YP without alcohol or fighting"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-91 'Not applicable'
	-2 'Refused/Don't know/other missing'

Description of variable:

This variable calculates the number of risk factors acknowledged by YP without alcohol or fighting. This variable was derived for use in the W2 RR (Research Report).

Derivation:

The derivation is the same as Risk_short1_W2_DER except that Violent_W2_DER is excluded as well as the working variable Alctemp_W2. The derivation of the working variable Cigtemp_W2 is shown in the code for Risk_short1_W2_DER and not repeated here.

SPSS Code:

recode Dru3_W2_YP (-99, -91=copy)(else=0) into Risk_noalc_W2_DER.
do if Risk_noalc_W2_DER=0.
count Risk_noalc_W2_DER = Cigtemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP (1).
end if.
do rep x=Cigtemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP.
if any (x, -1, -2, -92, -94) Risk_noalc_W2_DER = -2.
end rep print.
variable labels Risk_noalc_W2_DER "Number of risk factors acknowledged by YP without alcohol or fighting".
value labels Risk_noalc_W2_DER -2 "Refused/Don't know/other missing" -91 "Not applicable" -99 "YP not interviewed".

Source variable	Variable label	Source file
Cig_W2_DER	Smoking report	Main File
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Spray_W2_YP	Whether, since the last interview, YP has written things or sprayed paint on a building, fence, train etc	Main File
Smash_W2_YP	Whether, since the last interview, YP has damaged anything in a public place that didn't belong to them on purpose	Main File

5.15 Risk_nocig_W2_DER	"Number of risk factors acknowledged by YP without smoking or fighting"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-91 'Not applicable'
	-2 'Refused/Don't know/other missing'

Description of variable:

This variable calculates the number of risk factors acknowledged by YP without smoking or fighting. This variable was derived for use in the W2 RR (Research Report).

Derivation:

The derivation is the same as Risk_short1_W2_DER except that Violent_W2_DER is excluded as well as the working variable Cigtemp_W2. The derivation of the working variable Alctemp_W2 is shown in the code for Risk_short1_W2_DER and not repeated here.

SPSS Code:

```
recode Dru3_W2_YP (-99, -91=copy)(else=0) into Risk_nocig_W2_DER.
do if Risk_nocig_W2_DER=0.
count Risk_nocig_W2_DER =  Alctemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP (1).
end if.
do rep x=Alctemp_W2 Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP.
if any (x, -1, -2, -92, -94) Risk_nocig_W2_DER = -2.
end rep print.
variable labels Risk_nocig_W2_DER "Number of risk factors acknowledged by YP without smoking or fighting".
value labels Risk_nocig_W2_DER  -2 "Refused/Don't know/other missing"  -91 "Not applicable"  -99 "YP not interviewed".
```

Source variable	Variable label	Source file
Alcohol_W2_DER	Whether YP has drunk and how frequently	Main File
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Spray_W2_YP	Whether, since the last interview, YP has written things or sprayed paint on a building, fence, train etc	Main File
Smash_W2_YP	Whether, since the last interview, YP has damaged anything in a public place that didn't belong to them on purpose	Main File
Shop_W2_YP	Whether, since the last interview, YP has shoplifted	Main File

5.16 Risk_noalccig_W2_DER	"Number of risk factors acknowledged by YP without alcohol or smoking or fighting"

Value labels: Numeric	Missing value labels: -99 'YP not interviewed' -91 'Not applicable' -2 'Refused/Don't know/other missing'

Description of variable:

This variable calculates the number of risk factors acknowledged by YP without alcohol or smoking or fighting. This variable was derived for use in the W2 RR (Research Report).

Derivation:

The derivation is the same as Risk_short1_W2_DER except that Violent_W2_DER is excluded as well as the working variables Cigtemp_W2 and Alctemp_W2.

SPSS Code:

recode Dru3_W2_YP (-99, -91=copy)(else=0) into Risk_noalccig_W2_DER.
do if Risk_noalccig_W2_DER=0.
count Risk_noalccig_W2_DER = Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP (1).
end if.
do rep x=Dru3_W2_YP Spray_W2_YP Smash_W2_YP Shop_W2_YP.
if any (x, -1, -2, -92, -94) Risk_noalccig_W2_DER = -2.
end rep print.
variable labels Risk_noalccig_W2_DER "Number of risk factors acknowledged by YP without alcohol or smoking or fighting".
value labels Risk_noalccig_W2_DER -2 "Refused/Don't know/other missing" -91 "Not applicable" -99 "YP not interviewed".

Source variable	Variable label	Source file
Dru3_W2_YP	Whether YP has ever tried cannabis	Main File
Spray_W2_YP	Whether, since the last interview, YP has written things or sprayed paint on a building, fence, train etc	Main File
Smash_W2_YP	Whether, since the last interview, YP has damaged anything in a public place that didn't belong to them on purpose	Main File
Shop_W2_YP	Whether, since the last interview, YP has shoplifted	Main File

5.17 Contact_W2_DER	"Number of forms of contact with services - parental report"

Value labels:	Missing value labels:
0 'No contact'	-99 'MP not interviewed/not applicable'
1 'Had 1 contact'	-2 'DK/Refused'
2 'Had 2 forms of contact'	
3 'Had 3 forms of contact'	
4 'Had 4 forms of contact'	

Description of variable:

This variable calculates the number of forms of contact with services reported by the MP.

Derivation:

SPSS Code:

```
count Contact_W2_DER =
Police1_W2_MP
ServSS_W2_MP
ServEW_W2_MP
ServOth_W2_MP
(1).

if mpcomp_W2_DER = 2 or Police1_W2_MP = -91 Contact_W2_DER = -99.
do rep x=ServSS_W2_MP ServEW_W2_MP ServOth_W2_MP Police1_W2_MP.
if any (x, -1,  -92 ) Contact_W2_DER = -2.
end rep print.
variable labels Contact_W2_DER "Number of forms of contact with services - parental report".
add value labels Contact_W2_DER -99 "MP not interviewed/not applicable"  -2 "Don't know/Refused" 0 "No contact"  1 'Had
1 contact' 2 'Had 2 forms of contact'
3 'Had 3 forms of contact' 4 'Had 4 forms of contact'.
```

Source variable	Variable label	Source file
Police1_W2_MP	Whether the police have got in touch with MP or partner about YP, since the last interview	Main File
ServSS_W2_MP	Whether, since last interview, MP has been in touch with their local council's social services because of YP's behaviour	Main File
ServEW_W2_MP	Whether, since last interview, MP has been in touch with educational welfare services because of YP's behaviour	Main File
ServOth_W2_MP	Whether, since last interview, MP	Main File

	has been in touch with any other similar types of services because of YP's behaviour	

5.18 Support_W2_DER	"If in contact with social, educational, other services - parental report"
Value labels: 0 'No support' 1 'Had 1 support' 2 ''Had 2 forms of support' 3 'Had 3 forms of support'	**Missing value labels:** -99 'MP not interviewed/not applicable' -2 'DK/Refused'

Description of variable:

This variable calculates the number of forms of contact with social, educational and other services reported by the MP.

Derivation:

SPSS Code:

```
count Support_W2_DER =
ServSS_W2_MP
ServEW_W2_MP
ServOth_W2_MP (1).

if mpcomp_W2_DER = 2 or ServSS_W2_MP = -91 Support_W2_DER = -99.
do rep x=ServSS_W2_MP ServEW_W2_MP ServOth_W2_MP.
if any (x, -1,  -92 ) Support_W2_DER = -2.
end rep print.
variable labels Support_W2_DER "If in contact with social, educational, other services - parental report".
add value labels Support_W2_DER -99 "MP not interviewed/not applicable"  -2 "DK/Refused" 0 "No support"  1 'Had 1
support' 2 'Had 2 forms of support'
3 'Had 3 forms of support'.
```

Source variable	Variable label	Source file
ServSS_W2_MP	Whether, since last interview, MP has been in touch with their local council's social services because of YP's behaviour	Main File
ServEW_W2_MP	Whether, since last interview, MP has been in touch with educational welfare services because of YP's behaviour	Main File
ServOth_W2_MP	Whether, since last interview, MP has been in touch with any other similar types of services because of YP's behaviour	Main File

5.19 Support_Add_W3_DER	**"If in contact with social, educational, other services or additional support - parental report"**

Value labels:	**Missing value labels:**
0 'No support'	-99 'MP not interviewed/not applicable'
1 'Had 1 support'	-2 'Don't know/Refused'
2 ''Had 2 forms of support'	
3 'Had 3 forms of support'	
4 'Had 4 forms of support'	

Description of variable:

This variable calculates the number of forms of contact with social, educational, other services and additional support reported by the MP.

Derivation:

SPSS Code:

```
count Support_Add_W3_DER =
ServSS_W3_MP
ServEW_W3_MP
ServOth_W3_MP
Addsupp_W3_MP (1).

if mpcomp_W3_DER = 2 or ServSS_W3_MP = -91 Support_add_W3_DER = -99.
do rep x=ServSS_W3_MP ServEW_W3_MP ServOth_W3_MP Addsupp_W3_MP.
if any (x, -1, -92, -97) Support_add_W3_DER = -2.
end rep print.
variable labels Support_add_W3_DER "If in contact with social, educational, other services or additional support - parental
report".
add value labels Support_add_W3_DER -99 "MP not interviewed"  -2 "Don't know/Refused"  0 "No support"  1 'Had 1
support' 2 'Had 2 forms of support'
3 'Had 3 forms of support' 4 'Had 4 forms of support'.
```

Source variable	Variable label	Source file
ServSS_W3_MP	Whether, since last interview, MP has been in touch with their local council's social services because of YP's behaviour	Main File
ServEW_W3_MP	Whether, since last interview, MP has been in touch with educational welfare services because of YP's behaviour	Main File
ServOth_W3_MP	Whether, since last interview, MP has been in touch with any other similar types of services because	Main File

	of YP's behaviour	
Addsupp_W3_MP	Whether, since the beginning of Year 11, additional support ever been provided for YP because of their behaviour	Main File

6. Bullying

6.1 Bully_last12m_W2_DER	"Whether YP bullied in any way in last 12 months (excluding cyber bullying)"
Value labels: 1 'Yes' 2 'No'	**Missing value labels:** -99 'YP not interviewed' -97 'Data missing due to technical issue' -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable shows whether the YP experienced any form of bullying (excluding cyber bullying) in the last 12months. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

```
do if Names_W2_YP=-99.
 compute Bully_last12m_W2_DER=-99.
 else if Names_W2_YP=-91.
 compute Bully_last12m_W2_DER=-91.
else if ANY (1,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP).
 compute Bully_last12m_W2_DER=1.
 else if Names_W2_YP = 2 AND ExcPal_W2_YP = 2 AND Money_W2_YP = 2 AND ThHit_W2_YP = 2 AND AcHit_W2_YP =
2.
 compute Bully_last12m_W2_DER=2.
 else if ANY(-92,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP) AND
~ANY(1,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP).
 compute Bully_last12m_W2_DER=-92.
 else if Names_W2_YP = -1 AND ExcPal_W2_YP = -1 AND Money_W2_YP = -1 AND ThHit_W2_YP = -1 AND
AcHit_W2_YP = -1.
 compute Bully_last12m_W2_DER=-92.
 else if ANY(-1,Names_W2_YP,
```

ExcPal_W2_YP,

Money_W2_YP,

ThHit_W2_YP,

AcHit_W2_YP) AND

~ANY(1,Names_W2_YP,

ExcPal_W2_YP,

Money_W2_YP,

ThHit_W2_YP,

AcHit_W2_YP).

 compute Bully_last12m_W2_DER=-1.

 end if.

if ExcPal_W2_YP=-97 and sysmis(Bully_last12m_W2_DER) Bully_last12m_W2_DER=-97.

 variable labels Bully_last12m_W2_DER 'Whether YP bullied in any way in last 12 months (excluding cyber bullying)'.

 value labels Bully_last12m_W2_DER

-99 YP not interviewed

-97 Data missing due to technical issue

-92 Refused

-91 Not applicable

-1 "Don't know"

2 'No'

1 'Yes'.

Source variable	Variable label	Source file
Names_W2_YP	Whether, since the last interview, YP has been called hurtful names by other students	Main File
ExcPal_W2_YP	Whether, since the last interview, YP has been excluded from a group of friends or from joining in activities	Main File
Money_W2_YP	Whether, since the last interview, other students at YP's school have made YP give them money or personal possessions	Main File
ThHit_W2_YP	Whether, since the last interview, other students have THREATENED to hit, kick, or use other forms of violence against YP	Main File
AcHit_W2_YP	Whether, since the last interview, other students have ACTUALLY hit, kicked, or used other forms of violence against YP	Main File

6.2 Bully_last12mcyb_W2_DER	"Whether YP bullied in any way in last 12 months (including cyber bullying)"
Value labels: 1 'Yes' 2 'No'	**Missing value labels:** -99 'YP not interviewed' -97 'Data missing due to technical issue' -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable shows whether the YP experienced any form of bullying (including cyber bullying) in the last 12months. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

```
do if Names_W2_YP=-99.
 compute Bully_last12mcyb_W2_DER=-99.
 else if Names_W2_YP=-91.
 compute Bully_last12mcyb_W2_DER=-91.
else if ANY (1,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP,
Cyber_1_W2_YP,
Cyber_2_W2_YP).
 compute Bully_last12mcyb_W2_DER=1.
 else if Names_W2_YP = 2 AND ExcPal_W2_YP = 2 AND Money_W2_YP = 2 AND ThHit_W2_YP = 2 AND AcHit_W2_YP =
2 AND Cyber_3_W2_YP = 1.
 compute Bully_last12mcyb_W2_DER=2.
 else if (ANY(-92,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP) OR (Cyber_5_W2_YP = 1)) AND
~ANY(1,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP,
Cyber_1_W2_YP,
Cyber_2_W2_YP).
 compute Bully_last12mcyb_W2_DER=-92.
 else if Names_W2_YP = -1 AND ExcPal_W2_YP = -1 AND Money_W2_YP = -1 AND ThHit_W2_YP = -1 AND
AcHit_W2_YP = -1 AND Cyber_4_W2_YP = 1.
 compute Bully_last12mcyb_W2_DER=-92.
```

```
 else if (ANY(-1,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP) OR (Cyber_4_W2_YP = 1)) AND
~ANY(1,Names_W2_YP,
ExcPal_W2_YP,
Money_W2_YP,
ThHit_W2_YP,
AcHit_W2_YP,
Cyber_1_W2_YP,
Cyber_2_W2_YP).
 compute Bully_last12mcyb_W2_DER=-1.
 end if.

if ExcPal_W2_YP=-97 and sysmis(Bully_last12mcyb_W2_DER)  Bully_last12mcyb_W2_DER=-97.

 variable labels Bully_last12mcyb_W2_DER 'Whether YP bullied in any way in last 12 months (including cyber bullying)'.
 value labels Bully_last12mcyb_W2_DER
-99 YP not interviewed
-97 Data missing due to technical issue
-91 Not applicable
-92 Refused
-1 "Don't know"
2 'No'
1 'Yes'.
```

Source variable	Variable label	Source file
Names_W2_YP	Whether, since the last interview, YP has been called hurtful names by other students	Main File
ExcPal_W2_YP	Whether, since the last interview, YP has been excluded from a group of friends or from joining in activities	Main File
Money_W2_YP	Whether, since the last interview, other students at YP's school have made YP give them money or personal possessions	Main File
ThHit_W2_YP	Whether, since the last interview, other students have THREATENED to hit, kick, or use other forms of violence against YP	Main File
AcHit_W2_YP	Whether, since the last interview, other students have ACTUALLY hit, kicked, or used other forms of violence against YP	Main File
Cyber_1_W2_YP	Internet - Sources of cyber harassment since the last interview	Main File
Cyber_2_W2_YP	Mobile phone - Sources of cyber harassment since the last interview	Main File
Cyber_3_W2_YP	Neither - Sources of cyber harassment since the last interview	Main File
Cyber_4_W2_YP	Don't know - Sources of cyber harassment since the last interview	Main File
Cyber_5_W2_YP	Refused - Sources of cyber harassment since the last interview	Main File

6.3 Bully_cyber_W2_DER	"Whether YP experienced any cyber bullying since the last interview"

Value labels:	Missing value labels:
1 'Yes'	-99 'YP not interviewed'
2 'No'	-92 'Refused'
	-91 'Not applicable'
	-1 'Don't know'

Description of variable:

This variable shows whether the YP experienced any form of cyber bullying since the W1 interview.

Derivation:

SPSS Code:

compute Bully_cyber_W2_DER = Cyber_1_W2_YP.
if Cyber_1_W2_YP = 1 or Cyber_2_W2_YP = 1 Bully_cyber_W2_DER = 1.
if Cyber_3_W2_YP = 1 Bully_cyber_W2_DER = 2.
if Cyber_4_W2_YP = 1 Bully_cyber_W2_DER = -1.
if Cyber_5_W2_YP = 1 Bully_cyber_W2_DER = -92.

variable labels Bully_cyber_W2_DER "Whether YP experienced any cyber bullying since the last interview".
value labels Bully_cyber_W2_DER
2 'No'
1 'Yes'
-1 "Don't know"
-92 Refused
-91 Not applicable
-93 Self-completion section terminated early
-99 YP not interviewed.
fre Bully_cyber_W2_DER.

Source variable	Variable label	Source file
Cyber_1_W2_YP	Internet - Sources of cyber harassment since the last interview	Main File
Cyber_2_W2_YP	Mobile phone - Sources of cyber harassment since the last interview	Main File
Cyber_3_W2_YP	Neither - Sources of cyber harassment since the last interview	Main File
Cyber_4_W2_YP	Don't know - Sources of cyber harassment since the last interview	Main File
Cyber_5_W2_YP	Refused - Sources of cyber harassment since the last interview	Main File

6.4 Rangeofbullyingpar_W2_DER	"How many types of bullying has YP experienced - parental report"

Value labels:	Missing value labels:
Numeric	-99 'MP not interviewed'
	-92 'Parent refused to answer'
	-91 'Not applicable'
	-1 'Parent answered don't know'

Description of variable:

This variable calculates the number of different types of bullying the parent reported that the YP had experienced

Derivation:

SPSS Code:

Count rangeofbullyingpar_W2_DER = PBull1_01_W2_MP
PBull1_02_W2_MP
PBull1_03_W2_MP
PBull1_04_W2_MP
PBull1_05_W2_MP
PBull1_06_W2_MP
PBull1_07_W2_MP
PBull1_08_W2_MP
PBull1_09_W2_MP (1).

if PBull1_11_W2_MP = 1 rangeofbullyingpar_W2_DER = -1.
if PBull1_12_W2_MP = 1 rangeofbullyingpar_W2_DER = -92.
if PBull1_12_W2_MP = -91 rangeofbullyingpar_W2_DER = -91.
if PBull1_12_W2_MP = -99 rangeofbullyingpar_W2_DER =-99.

variable labels rangeofbullyingpar_W2_DER "How many types of bullying has YP experienced since the last interview - parental report".
value labels rangeofbullyingpar_W2_DER -1 "Parent answered don't know" -92 "Parent refused to answer" -91 "Not applicable" -99 "MP not interviewed".

Source variable	Variable label	Source file
PBull1_01_W2_MP	Called names by other pupils at school - Bullying YP has experienced since the last interview	Main File
PBull1_02_W2_MP	Been humiliated in front of other pupils (either by a pupil or teacher) - Bullying YP has experienced since the last interview	Main File

PBull1_03_W2_MP	Sent offensive or hurtful text messages or emails - Bullying YP has experienced since the last interview	Main File
PBull1_04_W2_MP	Offensive or hurtful comments posted online (such as on Facebook or Twitter) - Bullying YP has experienced since the last interview	Main File
PBull1_05_W2_MP	Shut out from groups of other pupils or from joining in things - Bullying YP has experienced since the last interview	Main File
PBull1_06_W2_MP	Made to give other pupils money or belongings - Bullying YP has experienced since the last interview	Main File
PBull1_07_W2_MP	Threatened by other pupils with being hit or kicked or with other violence - Bullying YP has experienced since the last interview	Main File
PBull1_08_W2_MP	Actually being hit or kicked or attacked in any other way by other pupils - Bullying YP has experienced since the last interview	Main File
PBull1_09_W2_MP	Any other sort of bullying - Bullying YP has experienced since the last interview	Main File
PBull1_11_W2_MP	Bullying YP has experienced since the last interview - Don't know	Main File
PBull1_12_W2_MP	Bullying YP has experienced since the last interview - Don't want to answer	Main File

6.5 Parbulaware_W2_DER	"Whether main parent is aware of YP being bullied"

Value labels:	Missing value labels:
1 'Yes'	-99 'MP not interviewed'
2 'No'	-92 'Refused'
	-1 'Don't know'
	-91 'Not applicable'

Description of variable:

This variable shows whether the MP is aware of the YP having been a victim to any of PBull1 to 9.

Derivation:

SPSS Code:

recode rangeofbullyingpar_W2_DER (0 = 2) (1 thru 9 = 1) (else = copy) into parbulaware_W2_DER.
if PBull1_11_w2_MP = 1 parbulaware_W2_DER = -1.
if PBull1_12_w2_MP = 1 parbulaware_W2_DER = -92.
variable labels parbulaware_W2_DER "Whether main parent is aware of YP being bullied".
value labels parbulaware_W2_DER 1 "Yes" 2 "No" -92 "Refused" -1 "Don't know" -99 "MP not interviewed" -91 "Not applicable".

Source variable	Variable label	Source file
rangeofbullyingpar_W2_DER	How many types of bullying has YP experienced since the last interview - parental report	Main File

7. Health

7.1 GHQscr_W2_DER	"Young person GHQ12 score - 12 point scale"

Value labels: Numeric	Missing value labels: -99 'YP not interviewed' -92 'Refused' -91 'Not applicable'

Description of variable:

This variable combines the 12 GHQ survey variable responses into a 12 point scale. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Concen_W2_YP (-99,-91 =COPY)(ELSE=0) into GHQscr_W2_DER.
do repeat ghqtemp=Concen_W2_YP to Happy_W2_YP.
if any(ghqtemp,3,4) and GHQscr_W2_DER>=0 GHQscr_W2_DER=GHQscr_W2_DER+1.
if any(ghqtemp, -92) GHQscr_W2_DER=-92 .
end repeat print.
execute.
variable labels GHQscr_W2_DER "Young person GHQ12 score - 12 point scale".
value labels GHQscr_W2_DER
-99 YP not interviewed
-91 Not Applicable
-92 Refused.

Source variable	Variable label	Source file
Concen_W2_YP	Whether YP has recently been able to concentrate	Main File
NoSleep_W2_YP	Whether YP has recently lost sleep over worry	Main File
Useful_W2_YP	Whether YP has recently felt was playing a useful part in things	Main File
Decide_W2_YP	Whether YP has recently felt capable of making decisions	Main File
Strain_W2_YP	Whether YP has recently been feeling constantly under strain	Main File
Diffic_W2_YP	Whether YP has recently felt capable of making decisions	Main File
Activ_W2_YP	Whether YP has recently been able to enjoy day to day activities	Main File

Probs_W2_YP	Whether YP has recently been able to face up to problems	Main File
Depress_W2_YP	Whether YP has recently been feeling unhappy or depressed	Main File
NoConf_W2_YP	Whether YP has recently been losing confidence	Main File
Wthless_W2_YP	Whether YP has recently been feeling a worthless person	Main File
Happy_W2_YP	Whether YP has recently been feeling reasonably happy	Main File

7.2 GHQtot_W2_DER	"Young person GHQ12 score - 12 point scale (excludes cases responding don't know to any item)"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-92 'At least 1 refused and no don't knows'
	-91 'Not applicable'
	-1 'At least 1 don't know'

Description of variable:

This variable combines the 12 GHQ survey variable responses into a 12 point scale in a similar manner to GHQscr_W2_DER, but differs in that any cases responding don't know to any of the 12 items are excluded. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

```
recode Concen_W2_YP (-99 thru -91 =COPY)(ELSE=0) into GHQtot_W2_DER.
do repeat ghqtemp=Concen_W2_YP to Happy_W2_YP.
if any(ghqtemp,3,4) and GHQtot_W2_DER>=0 GHQtot_W2_DER=GHQtot_W2_DER+1.
if ghqtemp = -92 and GHQtot_W2_DER~=-1 GHQtot_W2_DER=-92 .
if ghqtemp=-1 GHQtot_W2_DER=-1 .
end repeat.
execute.
variable labels GHQtot_W2_DER "Young person GHQ12 score - 12 point scale (excludes cases responding don't know to any item)".
value labels GHQtot_W2_DER
-99 YP not interviewed
-91 Not Applicable
-92 "At least 1 refused and no don't knows"
-1 "At least 1 don't know".
```

Source variable	Variable label	Source file
Concen_W2_YP	Whether YP has recently been able to concentrate	Main File
NoSleep_W2_YP	Whether YP has recently lost sleep over worry	Main File
Useful_W2_YP	Whether YP has recently felt was playing a useful part in things	Main File
Decide_W2_YP	Whether YP has recently felt capable of making decisions	Main File
Strain_W2_YP	Whether YP has recently been feeling constantly under strain	Main File
Diffic_W2_YP	Whether YP has recently felt capable of making decisions	Main File
Activ_W2_YP	Whether YP has recently been able to enjoy day to day activities	Main File

Probs_W2_YP	Whether YP has recently been able to face up to problems	Main File
Depress_W2_YP	Whether YP has recently been feeling unhappy or depressed	Main File
NoConf_W2_YP	Whether YP has recently been losing confidence	Main File
Wthless_W2_YP	Whether YP has recently been feeling a worthless person	Main File
Happy_W2_YP	Whether YP has recently been feeling reasonably happy	Main File

7.3 GHQsum23_W2_DER	"Young person GHQ Score - grouped (0-2,-3+)"

Value labels:	Missing value labels:
1 'Score 0-2'	-99 'YP not interviewed'
2 'Score 3+'	-92 'At least 1 refused and no don't knows'
	-91 'Not Applicable'
	-1 'At least 1 don't know'

Description of variable:

This variable condenses GHQtot_W2_DER into a binary variable.   It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode GHQtot_W2_DER (-99 thru -1=Copy) (0 thru 2=1) (3 thru Highest=2) INTO GHQsum23_W2_DER.

variable labels GHQsum23_W2_DER "Young person GHQ Score - grouped (0-2,-3+)".

value labels GHQsum23_W2_DER

-99 YP not interviewed

-92 "At least 1 refused and no don't knows"

-91 Not Applicable

-1 "At least 1 don't know"

1 'Score 0-2'

2 'Score 3+'.

Source variable	Variable label	Source file
GHQtot_W2_DER	Young person GHQ12 score - 12 point scale (excludes cases responding don't know to any item)	Main File

7.4 GHQ36_W2_DER	"Young person GHQ12 score - 36 point scale"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-92 'At least 1 refused and no don't knows'
	-91 'Not Applicable'
	-1 'At least 1 don't know'

Description of variable:

This variable combines the 12 GHQ survey variable responses into a 36 point scale. Any cases responding don't know to any of the 12 items are excluded. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Concen_W2_YP (-99,-91=COPY)(ELSE=0) into GHQ36_W2_DER.
do repeat ghqtemp=Concen_W2_YP to Happy_W2_YP.
if any(ghqtemp,1,2,3,4) and GHQ36_W2_DER>=0 GHQ36_W2_DER=GHQ36_W2_DER+ghqtemp.
if any(ghqtemp,-92) and GHQ36_W2_DER~=-1 GHQ36_W2_DER=-92.
if any(ghqtemp,-1) GHQ36_W2_DER=-1.
end repeat print.
if GHQ36_W2_DER>=12 GHQ36_W2_DER=GHQ36_W2_DER-12.

variable label GHQ36_W2_DER "Young person GHQ12 score - 36 point scale".
value labels GHQ36_W2_DER
-99 YP not interviewed
-92 "At least 1 refused and no don't knows"
-91 Not Applicable
-1 "At least 1 don't know".

Source variable	Variable label	Source file
Concen_W2_YP	Whether YP has recently been able to concentrate	Main File
NoSleep_W2_YP	Whether YP has recently lost sleep over worry	Main File
Useful_W2_YP	Whether YP has recently felt was playing a useful part in things	Main File
Decide_W2_YP	Whether YP has recently felt capable of making decisions	Main File
Strain_W2_YP	Whether YP has recently been feeling constantly under strain	Main File
Diffic_W2_YP	Whether YP has recently felt capable of making decisions	Main File
Activ_W2_YP	Whether YP has recently been able to enjoy day to day activities	Main File

Probs_W2_YP	Whether YP has recently been able to face up to problems	Main File
Depress_W2_YP	Whether YP has recently been feeling unhappy or depressed	Main File
NoConf_W2_YP	Whether YP has recently been losing confidence	Main File
Wthless_W2_YP	Whether YP has recently been feeling a worthless person	Main File
Happy_W2_YP	Whether YP has recently been feeling reasonably happy	Main File

7.5 Chea1_W2_DER	**"If YP has any longstanding illness, disability or infirmity (wave 1 updated for missing cases)"**
Value labels: 1 'Yes' 2 'No'	**Missing value labels:** -99 'History/MP respondent not interviewed' -1 'Don't know'

Description of variable:

This variable records whether the YP has a longstanding illness, disability or infirmity (wave 1 updated for missing cases)

Derivation:

SPSS Code:

Compute Chea1_W2_DER = Chea1_W1_HIST.
if Chea1_W1_HIST = -99 or Chea1_W1_HIST = -96 Chea1_W2_DER = Chea1_W2_HIST.
fre Chea1_W2_DER.

value labels Chea1_W2_DER -99 "History/MP respondent not interviewed" -1 "Don't know" 1 "Yes" 2 "No".
variable label Chea1_W2_DER "If YP has any longstanding illness, disability or infirmity (wave 1 updated for missing cases)".

Source variable	Variable label	Source file
Chea1_W1_HIST	If YP has any long-standing illness, disability or infirmity	Main File (W1)
Chea1_W2_HIST	If YP has any long-standing illness, disability or infirmity	Main File

7.6 Chea2_01_W2_DER	**"Problems or disabilities connected with arms, hands, legs, feet, back or neck - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.7 Chea2_02_W2_DER	**"Problem with sight - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.8 Chea2_03_W2_DER	**"Problem with hearing - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.9 Chea2_04_W2_DER	**"Problem with speech or language - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.10 Chea2_05_W2_DER	**"Severe disfigurements, skin conditions, allergies - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.11 Chea2_06_W2_DER	**"Chest or breathing problems, asthma, bronchitis - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.12 Chea2_07_W2_DER	**"Heart, blood pressure or blood circulation problems - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.13 Chea2_08_W2_DER	**"Stomach, liver, kidney or digestive problems - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.14 Chea2_09_W2_DER	**"Diabetes - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.15 Chea2_10_W2_DER	**"Mental illness/ depression - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.16 Chea2_11_W2_DER	**"Seizure disorders - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.17 Chea2_12_W2_DER	**"Learning difficulties - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.18 Chea2_13_W2_DER	**"Other hormone deficiencies/ dysfunctions - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.19 Chea2_14_W2_DER	**"Autism, Asperger's syndrome or autistic spectrum disorder - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.20 Chea2_15_W2_DER	**"Behavioural problems/ hyperactivity - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.21 Chea2_16_W2_DER	**"Progressive illness not included elsewhere - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.22 Chea2_17_W2_DER	**"Brain problems/ injury - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.23 Chea2_18_W2_DER	**"Migraines/ headaches - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.24 Chea2_19_W2_DER	**"ME or chronic fatigue syndrome - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.25 Chea2_20_W2_DER	**"Genetic syndromes not included elsewhere - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.26 Chea2_21_W2_DER	**"Gynaecological issues - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.27 Chea2_22_W2_DER	**"Developmental delay - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.28 Chea2_23_W2_DER	**"Other health problems or disabilities - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"**
7.29 Chea2_24_W2_DER	**"Don't know - The illness, disability or infirmity YP has (wave 1**

7.30 Chea2_25_W2_DER	**updated for missing cases)"** **"Refused - The illness, disability or infirmity YP has (wave 1 updated** **for missing cases)"**
Value labels: 1 'Yes' [with the condition appended as in the relevant variable label] 2 'No'	**Missing value labels:** -99 'History/MP respondent not interviewed' -1 'Don't know'

Description of variable:

These variables record what longstanding illness, disability or infirmity the YP has (wave 1 updated for missing cases)

Derivation:

SPSS Code:

```
 Compute Chea2_01_W2_DER = Chea2_01_W1_HIST.
if Chea2_01_W1_HIST = -99 or Chea2_01_W1_HIST = -96 Chea2_01_W2_DER = Chea2_01_W2_HIST.

Compute Chea2_02_W2_DER = Chea2_02_W1_HIST.
if Chea2_02_W1_HIST = -99 or Chea2_02_W1_HIST = -96 Chea2_02_W2_DER = Chea2_02_W2_HIST.

Compute Chea2_03_W2_DER = Chea2_03_W1_HIST.
if Chea2_03_W1_HIST = -99 or Chea2_03_W1_HIST = -96 Chea2_03_W2_DER = Chea2_03_W2_HIST.

Compute Chea2_04_W2_DER = Chea2_04_W1_HIST.
if Chea2_04_W1_HIST = -99 or Chea2_04_W1_HIST = -96 Chea2_04_W2_DER = Chea2_04_W2_HIST.

Compute Chea2_05_W2_DER = Chea2_05_W1_HIST.
if Chea2_05_W1_HIST = -99 or Chea2_05_W1_HIST = -96 Chea2_05_W2_DER = Chea2_05_W2_HIST.

Compute Chea2_06_W2_DER = Chea2_06_W1_HIST.
if Chea2_06_W1_HIST = -99 or Chea2_06_W1_HIST = -96 Chea2_06_W2_DER = Chea2_06_W2_HIST.

Compute Chea2_07_W2_DER = Chea2_07_W1_HIST.
if Chea2_07_W1_HIST = -99 or Chea2_07_W1_HIST = -96 Chea2_07_W2_DER = Chea2_07_W2_HIST.

Compute Chea2_08_W2_DER = Chea2_08_W1_HIST.
if Chea2_08_W1_HIST = -99 or Chea2_08_W1_HIST = -96 Chea2_08_W2_DER = Chea2_08_W2_HIST.

Compute Chea2_09_W2_DER = Chea2_09_W1_HIST.
if Chea2_09_W1_HIST = -99 or Chea2_09_W1_HIST = -96 Chea2_09_W2_DER = Chea2_09_W2_HIST.

Compute Chea2_10_W2_DER = Chea2_10_W1_HIST.
if Chea2_10_W1_HIST = -99 or Chea2_10_W1_HIST = -96 Chea2_10_W2_DER = Chea2_10_W2_HIST.

Compute Chea2_11_W2_DER = Chea2_11_W1_HIST.
```

if Chea2_11_W1_HIST = -99 or Chea2_11_W1_HIST = -96 Chea2_11_W2_DER = Chea2_11_W2_HIST.

Compute Chea2_12_W2_DER = Chea2_12_W1_HIST.
if Chea2_12_W1_HIST = -99 or Chea2_12_W1_HIST = -96 Chea2_12_W2_DER = Chea2_12_W2_HIST.

Compute Chea2_13_W2_DER = Chea2_13_W1_HIST.
if Chea2_13_W1_HIST = -99 or Chea2_13_W1_HIST = -96 Chea2_13_W2_DER = Chea2_13_W2_HIST.

Compute Chea2_14_W2_DER = Chea2_14_W1_HIST.
if Chea2_14_W1_HIST = -99 or Chea2_14_W1_HIST = -96 Chea2_14_W2_DER = Chea2_14_W2_HIST.

Compute Chea2_15_W2_DER = Chea2_15_W1_HIST.
if Chea2_15_W1_HIST = -99 or Chea2_15_W1_HIST = -96 Chea2_15_W2_DER = Chea2_15_W2_HIST.

Compute Chea2_16_W2_DER = Chea2_16_W1_HIST.
if Chea2_16_W1_HIST = -99 or Chea2_16_W1_HIST = -96 Chea2_16_W2_DER = Chea2_16_W2_HIST.

Compute Chea2_17_W2_DER = Chea2_17_W1_HIST.
if Chea2_17_W1_HIST = -99 or Chea2_17_W1_HIST = -96 Chea2_17_W2_DER = Chea2_17_W2_HIST.

Compute Chea2_18_W2_DER = Chea2_18_W1_HIST.
if Chea2_18_W1_HIST = -99 or Chea2_18_W1_HIST = -96 Chea2_18_W2_DER = Chea2_18_W2_HIST.

Compute Chea2_19_W2_DER = Chea2_19_W1_HIST.
if Chea2_19_W1_HIST = -99 or Chea2_19_W1_HIST = -96 Chea2_19_W2_DER = Chea2_19_W2_HIST.

Compute Chea2_20_W2_DER = Chea2_20_W1_HIST.
if Chea2_20_W1_HIST = -99 or Chea2_20_W1_HIST = -96 Chea2_20_W2_DER = Chea2_20_W2_HIST.

Compute Chea2_21_W2_DER = Chea2_21_W1_HIST.
if Chea2_21_W1_HIST = -99 or Chea2_21_W1_HIST = -96 Chea2_21_W2_DER = Chea2_21_W2_HIST.

Compute Chea2_22_W2_DER = Chea2_22_W1_HIST.
if Chea2_22_W1_HIST = -99 or Chea2_22_W1_HIST = -96 Chea2_22_W2_DER = Chea2_22_W2_HIST.

Compute Chea2_23_W2_DER = Chea2_23_W1_HIST.
if Chea2_23_W1_HIST = -99 or Chea2_23_W1_HIST = -96 Chea2_23_W2_DER = Chea2_23_W2_HIST.

Compute Chea2_24_W2_DER = Chea2_24_W1_HIST.
if Chea2_24_W1_HIST = -99 or Chea2_24_W1_HIST = -96 Chea2_24_W2_DER = Chea2_24_W2_HIST.

Compute Chea2_25_W2_DER = Chea2_25_W1_HIST.
if Chea2_25_W1_HIST = -99 or Chea2_25_W1_HIST = -96 Chea2_25_W2_DER = Chea2_25_W2_HIST.

add value labels Chea2_01_W2_DER
Chea2_02_W2_DER
Chea2_03_W2_DER
Chea2_04_W2_DER
Chea2_05_W2_DER

```
Chea2_06_W2_DER
Chea2_07_W2_DER
Chea2_08_W2_DER
Chea2_09_W2_DER
Chea2_10_W2_DER
Chea2_11_W2_DER
Chea2_12_W2_DER
Chea2_13_W2_DER
Chea2_14_W2_DER
Chea2_15_W2_DER
Chea2_16_W2_DER
Chea2_17_W2_DER
Chea2_18_W2_DER
Chea2_19_W2_DER
Chea2_20_W2_DER
Chea2_21_W2_DER
Chea2_22_W2_DER
Chea2_23_W2_DER
Chea2_24_W2_DER
Chea2_25_W2_DER -99 "History/ MP respondent not interviewed" -91 "Not applicable" 2 "No".

add value labels Chea2_01_W2_DER 1 "Yes - Problems or disabilities connected with arms, hands, legs, feet, back or neck".
add value labels Chea2_02_W2_DER 1 "Yes - Problem with sight".
add value labels Chea2_03_W2_DER 1 "Yes - Problem with hearing".
add value labels Chea2_04_W2_DER 1 "Yes - Problem with speech or language".
add value labels Chea2_05_W2_DER 1 "Yes - Severe disfigurements, skin conditions, allergies".
add value labels Chea2_06_W2_DER 1 "Yes - Chest or breathing problems, asthma, bronchitis".
add value labels Chea2_07_W2_DER 1 "Yes - Heart, blood pressure or blood circulation problems".
add value labels Chea2_08_W2_DER 1 "Yes - Stomach, liver, kidney or digestive problems".
add value labels Chea2_09_W2_DER 1 "Yes - Diabetes".
add value labels Chea2_10_W2_DER 1 "Yes - Mental illness/ depression".
add value labels Chea2_11_W2_DER 1 "Yes - Seizure disorders".
add value labels Chea2_12_W2_DER 1 "Yes - Learning difficulties".
add value labels Chea2_13_W2_DER 1 "Yes - Other hormone deficiencies/ dysfunctions".
add value labels Chea2_14_W2_DER 1 "Yes - Autism, Asperger's syndrome or autistic spectrum disorder".
add value labels Chea2_15_W2_DER 1 "Yes - Behavioural problems/ hyperactivity".
add value labels Chea2_16_W2_DER 1 "Yes - Progressive illness not included elsewhere".
add value labels Chea2_17_W2_DER 1 "Yes - Brain problems/ injury".
add value labels Chea2_18_W2_DER 1 "Yes - Migraines/ headaches".
add value labels Chea2_19_W2_DER 1 "Yes - ME or chronic fatigue syndrome".
add value labels Chea2_20_W2_DER 1 "Yes - Genetic syndromes not included elsewhere".
add value labels Chea2_21_W2_DER 1 "Yes - Gynaecological issues".
add value labels Chea2_22_W2_DER 1 "Yes - Developmental delay".
add value labels Chea2_23_W2_DER 1 "Yes - Other health problems or disabilities".
add value labels Chea2_24_W2_DER 1 "Yes - Don't know".
add value labels Chea2_25_W2_DER 1 "Yes - Refused".

Variable labels Chea2_01_W2_DER "Problems or disabilities connected with arms, hands, legs, feet, back or neck - The
illness, disability or infirmity YP has (wave 1 updated for missing cases)"
```

Chea2_02_W2_DER "Problem with sight - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_03_W2_DER "Problem with hearing - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_04_W2_DER "Problem with speech or language - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_05_W2_DER "Severe disfigurements, skin conditions, allergies - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_06_W2_DER "Chest or breathing problems, asthma, bronchitis - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_07_W2_DER "Heart, blood pressure or blood circulation problems - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_08_W2_DER "Stomach, liver, kidney or digestive problems - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_09_W2_DER "Diabetes - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_10_W2_DER "Mental illness/ depression - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_11_W2_DER "Seizure disorders - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_12_W2_DER "Learning difficulties - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_13_W2_DER "Other hormone deficiencies/ dysfunctions - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_14_W2_DER "Autism, Asperger's syndrome or autistic spectrum disorder - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_15_W2_DER "Behavioural problems/ hyperactivity - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_16_W2_DER "Progressive illness not included elsewhere - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_17_W2_DER "Brain problems/ injury - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_18_W2_DER "Migraines/ headaches - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_19_W2_DER "ME or chronic fatigue syndrome - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_20_W2_DER "Genetic syndromes not included elsewhere - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_21_W2_DER "Gynaecological issues - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_22_W2_DER "Developmental delay - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_23_W2_DER "Other health problems or disabilities - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_24_W2_DER "Don't know - The illness, disability or infirmity YP has (wave 1 updated for missing cases)"

Chea2_25_W2_DER "Refused - The illness, disability or infirmity YP has (wave 1 updated for missing cases)".

Source variables	Variable labels	Source file
Chea2_01_W1_HIST to Chea2_25_W1_HIST	"Problems or disabilities connected with arms, hands, legs, feet, back or neck - The illness, disability or infirmity YP has" to "Refused - The illness, disability or infirmity YP has"	Health File – Secure access (W1)
Chea2_01_W2_HIST to Chea2_25_W2_HIST	"Problems or disabilities connected with arms, hands, legs, feet, back or neck - The illness, disability or infirmity YP has" to "Refused - The illness, disability or infirmity YP has"	Main File – Secure access

7.31 Chea7_W2_DER	"Whether this health problem makes it harder for YP to go to school regularly (wave 1 updated for missing cases)"
Value labels: 1 'Yes' 2 'No'	**Missing value labels:** -99 'History respondent/MP respondent not interviewed' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable records whether reported health problem makes it harder for YP to go to school regularly (wave 1 updated for missing cases)

Derivation:

SPSS Code:

Compute Chea7_W2_DER = Chea7_W1_HIST.
if Chea7_W1_HIST = -99 or Chea7_W1_HIST = -96 Chea7_W2_DER = Chea7_W2_HIST.

value labels Chea7_W2_DER 1 "Yes" 2 "No" -1 "Don't know" -91 "Not applicable" -99 "History respondent/MP respondent not interviewed".

variable labels Chea7_W2_DER "Whether this health problem makes it harder for YP to go to school regularly (wave 1 updated for missing cases)".

Source variable	Variable label	Source file
Chea7_W1_HIST	Whether this health problem makes it harder for YP to go to school regularly	Main File (W1)
Chea7_W2_HIST	Whether this health problem makes it harder for YP to go to school regularly	Main File

7.32 Chea8_W2_DER	"Whether this health problem affects the YPs ability to do their school work (wave 1 updated for missing cases"

Value labels: 1 'Yes' 2 'No'	Missing value labels: -1 'Don't know' -91 'Not applicable' -99 'History respondent/MP respondent not interviewed'

Description of variable:

This variable records whether reported health problem affects the YP's ability to do their school work (wave 1 updated for missing cases)

Derivation:

SPSS Code:

Compute Chea8_W2_DER = Chea8_W1_HIST.
if Chea8_W1_HIST = -99 or Chea8_W1_HIST = -96 Chea8_W2_DER = Chea8_W2_HIST.

value labels Chea8_W2_DER 1 "Yes" 2 "No" -1 "Don't know" -91 "Not applicable" -99 "History respondent/MP respondent not interviewed".

variable labels Chea8_W2_DER "Whether this health problem affect the YPs ability to do their school work (wave 1 updated for missing cases)".

Source variable	Variable label	Source file
Chea8_W1_HIST	Whether this health problem affect the YPs ability to do their school work	Main File (W1)
Chea8_W2_HIST	Whether this health problem affect the YPs ability to do their school work	Main File

8. Fatalism

8.1 Fat_Work_W2_DER	"Sum of 3 'work' fatalism items - Fat 3, 6, 8 - excludes cases with 1+ missing item"
Value labels: Numeric	**Missing value labels:** -99 'Fully missing e.g. not interviewed, refused self-completion, using an interpreter' -2 'Don't know or refused 1+ item'

Description of variable:

This variable calculates the sum of the three 'work' fatalism items (Fat3, 6 and 8). Any cases without a substantive response to all items are excluded. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

```
recode Fat2_W2_YP (-91,-99=-99)(ELSE=0) into Fat_Work_W2_DER.
do repeat fattemp1=Fat3_W2_YP Fat6_W2_YP Fat8_W2_YP.
if any(fattemp1,1,2,3,4) and Fat_Work_W2_DER>=0 Fat_Work_W2_DER=Fat_Work_W2_DER+fattemp1.
if any(fattemp1,-1,-92) Fat_Work_W2_DER=-2.
end repeat print.
if Fat_Work_W2_DER>0 Fat_Work_W2_DER=Fat_Work_W2_DER-3.
variable labels Fat_Work_W2_DER "Sum of 3 'work' fatalism items - Fat 3, 6, 8 - excludes cases with 1+ missing item".
value labels Fat_Work_W2_DER -99 "Fully missing e.g. not interviewed, refused self-completion, using an interpreter"
-2 "Don't know or refused 1+ item".
```

Source variable	Variable label	Source file
Fat3_W2_YP	YP agreement - Working hard at school now will help me get on later on in life	Main File
Fat6_W2_YP	YP agreement - Doing well at school means a lot to me	Main File
Fat8_W2_YP	YP agreement - If you work hard at something you'll usually succeed	Main File

8.2 Fat_Effi_W2_DER	"Sum of 3 'self-efficacy' fatalism items - Fat 4, 7, 2 - excludes cases with 1+ missing item"
Value labels: Numeric	**Missing value labels:** -99 'Fully missing e.g. not interviewed, refused self-completion, using an interpreter' -2 'Don't know, refused or interviewer skipped 1+ item'

Description of variable:

This variable calculates the sum of the three 'self-efficacy' fatalism items (Fat2, 4 and 7). Any cases without a substantive response to all items are excluded. It was derived for use in the W2 Research Report.

Derivation:

SPSS Code:

recode Fat2_W2_YP (-91,-99=-99)(ELSE=0) into Fat_Effi_W2_DER.
do repeat fattemp2=Fat4_W2_YP Fat7_W2_YP Fat2_W2_YP.
if any(fattemp2,1,2,3,4) and Fat_Effi_W2_DER>=0 Fat_Effi_W2_DER=Fat_Effi_W2_DER+fattemp2.
if any(fattemp2,-1,-92) Fat_Effi_W2_DER=-2.
end repeat print.
if Fat_Effi_W2_DER>0 Fat_Effi_W2_DER=Fat_Effi_W2_DER-3.
variable labels Fat_Effi_W2_DER "Sum of 3 'self-efficacy' fatalism items - Fat 4, 7, 2 - excludes cases with 1+ missing item".
value labels Fat_Effi_W2_DER -99 "Fully missing e.g. not interviewed, refused self-completion, using an interpreter"
-2 "Don't know or refused 1+ item".

Source variable	Variable label	Source file
Fat2_W2_YP	YP agreement - Even if I do well at school, I'll have a hard time getting the right kind of job	Main File
Fat4_W2_YP	YP agreement - People like me don't have much of a chance in life	Main File
Fat7_W2_YP	YP agreement - How well you get on in this world is mostly a matter of luck	Main File

9. Parental involvement and attitudes to school, and aspirations for future

9.1 Recrep_W2_DER	"Whether receives a report"

Value labels: 1 'Receives report' 2 'Does not receive report'	**Missing value labels:** -99 'MP not interviewed' -1 'Don't know'

Description of variable:

This variable shows whether the MP receives a report on YP's school progress

Derivation:

SPSS Code:

recode ReportOften_W2_MP (5 = 2) (1 thru 4 = 1) (else = copy) into recrep_W2_DER.
variable labels recrep_W2_DER "Whether receives a report".
value labels recrep_W2_DER -99 "MP not interviewed" -1 "Don't know" 2 "Does not receive report" 1 "Receives report".

Source variable	Variable label	Source file
ReportOften_W2_MP	How often YP's school sends updates on how they are getting on	Main File

9.2 ParEveAny_W2_DER	"Parental attendance at parents evening"

Value labels:		Missing value labels:
1 'Parent attended parents evening' 2 'No parent attended parents evening'		-99 'MP not interviewed' -1 'Don't know'

Description of variable:

This variable shows whether any parent attended parents evening

Derivation:

SPSS Code:

DO IF (ParEve_1_W2_MP =1 or ParEve_2_W2_MP = 1 or ParEve_3_W2_MP = 1).
COMPUTE ParEveAny_W2_DER = 1.
ELSE.
COMPUTE ParEveAny_W2_DER = 2.
END IF.
if ParEve_1_w2_MP = -99 ParEveAny_W2_DER = -99.
if ParEve_6_w2_MP = 1 ParEveAny_W2_DER = -1.
variable labels ParEveAny_W2_DER "Parental attendance at parents evening".
value labels ParEveAny_W2_DER
-99 "MP not interviewed"
-1 "Don't know"
2 "No parent attended parents evening"
1 "Parent attended parents evening".

Source variable	Variable label	Source file
ParEve_1_w2_MP	Respondent has gone to parents' evenings or similar events at YP's school since beginning of Year 10	Main file
ParEve_2_W2_MP	Respondent's partner has gone to parents' evenings or similar events at YP's school since beginning of Year 10 Respondent's ex-partner/husband/wife has gone to parents' evenings or similar events at YP's school since beginning of Year 10	Main file
ParEve_3_W2_MP	Respondent's ex-partner/husband/wife has gone to	Main file

	parents' evenings or similar events at YP's school since beginning of Year 11	
ParEve_6_w2_MP	Don't know who has gone to any parents' evenings or similar events at YP's school since beginning of Year 11	Main file

9.3 Parasp1_comb_W2_DER	"What MP thinks YP WILL do when they reach 16 - COMBINED"

Value labels:	**Missing value labels:**
1 'Continue in full-time education'	-99 'MP not interviewed'
2 'An apprenticeship'	-1 'Don't know'
3 'Start work with some education or training'	
4 'Start work without education or training'	
5 'Other'	

Description of variable:

This variable based on Parasp1_w2_MP combines the minor categories 'Be unemployed/Start a family' and 'Something else' into one.

Derivation:

SPSS Code:

recode Parasp1_w2_MP (1=1) (2=2) (3=3) (4=4) (5 6 7 = 5) (else = copy) into Parasp1_comb_W2_DER.
variable labels Parasp1_comb_W2_DER "What MP thinks YP WILL do when they reach 16 -COMBINED".
value labels Parasp1_comb_W2_DER
1 "Continue in full-time education"
2 "An apprenticeship"
3 "Start work with some education or training"
4 "Start work without education or training"
5 "Other"
-99 "MP not interviewed"
-91 "Not applicable"
-1 "Don't know".

Source variable	Variable label	Source file
Parasp1_w2_MP	What MP thinks YP WILL do when they reach 16	Main file

9.4 Parasp2_comb_W2_DER	"What MP would LIKE YP to do when they reach 16 - COMBINED"

Value labels:	Missing value labels:
1 'Continue in full-time education' 2 'An apprenticeship' 3 'Start work with some education or training' 4 'Start work without education or training' 5 'Other'	-99 'MP not interviewed' -1 'Don't know'

Description of variable:

This variable, based on Parasp2_w2_MP, combines the minor categories 'Be unemployed/Start a family' and 'Something else' into one.

Derivation:

SPSS Code:

recode Parasp2_w2_MP (1=1) (2=2) (3=3) (4=4) (5 6 7 = 5) (else = copy) into Parasp2_comb_W2_DER.
variable labels Parasp2_comb_W2_DER "What MP would LIKE YP to do when they reach 16 - COMBINED".
value labels Parasp2_comb_W2_DER
1 "Continue in full-time education"
2 "An apprenticeship"
3 "Start work with some education or training"
4 "Start work without education or training"
5 "Other"
-99 "MP not interviewed"
-91 "Not applicable"
-1 "Don't know".

Source variable	Variable label	Source file
Parasp2_w2_MP	What MP would LIKE YP to do when they reach 16	Main file

9.5 ExpProg3_W2_DER	"How clear information from school was on YP's progress against expectations"

Value labels:	Missing value labels:
1 'Very clear'	-99 'MP not interviewed'
2 'Fairly clear'	-92 'Don't want to answer'
3 'Not very clear'	-91 'Not applicable'
4 'Not at all clear'	-1 'Don't know'
5 'School does not let them know what expected / progress'	

Description of variable:

This variable combines the information from the MP's responses to ExpProg3, 2 and 1.

Derivation:

SPSS Code:

recode ExpProg3_W2_MP (else = copy) into ExpProg3_W2_DER.
if ExpProg1_W2_MP = 2 or ExpProg2_W2_MP = 2 or ExpProg2_W2_MP = 3 ExpProg3_W2_DER = 5.
if ExpProg1_W2_MP = -1 or ExpProg2_W2_MP = -1 ExpProg3_W2_DER = -1.
variable labels ExpProg3_W2_DER "How clear information from school was on YP's progress against expectations".
value labels ExpProg3_W2_DER
1 "Very clear"
2 "Fairly clear"
3 "Not very clear"
4 "Not at all clear"
5 "School does not let them know what expected / progress"
-99 "MP not interviewed"
-92 "Don't want to answer"
-91 "Not applicable"
-1 "Don't know".

Source variable	Variable label	Source file
ExpProg1_W2_MP	Whether YP's school has let parent know how well they expect him/her to do academically	Main file
ExpProg2_W2_MP	Whether YP's school has let parent know how he/she has progressed compared to expectations	Main file
ExpProg3_W2_MP	How clear information about YP's progress was	Main file

9.6 ExtCtuMP_W2_DER	"Whether MP or other family member paid for extra core education tuition"

Value labels:	**Missing value labels:**
1 'Paid for core education tuition' 2 'Not paid for core education tuition'	-99 'MP not interviewed' -1 'Don't know'

Description of variable:

This variable shows whether MP or other family member paid for extra core education tuition since the beginning of the school year.

Derivation:

SPSS Code:

```
compute ExtCtuMP_W2_DER = 2.
if Extrtu1_W2_MP = -99 ExtCtuMP_W2_DER = -99.
if Extrtu1_W2_MP = -1 or Extrtu2_14_W2_MP = 1 ExtCtuMP_W2_DER = -1.
if (Extrtu2_01_W2_MP =1 or Extrtu2_02_W2_MP =1 or Extrtu2_03_W2_MP =1 or Extrtu2_04_W2_MP = 1)
ExtCtuMP_W2_DER = 1.
variable labels ExtCtuMP_W2_DER "Whether MP or other family member paid for extra core education tuition".
value labels ExtCtuMP_W2_DER
-99 "MP not interviewed"
2 "Not paid for core education tuition"
1 "Paid for core education tuition"
-1 "Don't know".
```

Source variable	Variable label	Source file
Extrtu1_W2_MP	Whether MP or another member of their family has paid for YP to have extra tuition in any subjects that YP also does at school since beginning of Year 10	Main file
Extrtu2_01_W2_MP	Extra maths tuition received by YP	Main file
Extrtu2_02_W2_MP	Extra English tuition received by YP	Main file
Extrtu2_03_W2_MP	Extra Languages tuition received by YP	Main file
Extrtu2_04_W2_MP	Extra Science tuition received by YP	Main file
Extrtu2_14_W2_MP	Don't know extra tuition received by YP	Main file

9.7 ExtNCtuMP_W2_DER	"Whether MP or other family member paid for extra non-core education tuition"

Value labels:	Missing value labels:
1 'Paid for non-core education tuition'	-99 'MP not interviewed'
2 'Not paid for non-core education tuition'	-1 'Don't know'

Description of variable:

This variable shows whether MP or other family member paid for extra non-core education tuition since the beginning of the school year.

Derivation:

SPSS Code:

compute ExtNCtuMP_W2_DER = 2.
if Extrtu1_W2_MP = -99 ExtNCtuMP_W2_DER = -99.
if Extrtu1_W2_MP = -1 or Extrtu2_14_W2_MP = 1 ExtNCtuMP_W2_DER = -1.
if (Extrtu2_05_W2_MP =1 or Extrtu2_06_W2_MP =1 or Extrtu2_07_W2_MP =1 or Extrtu2_08_W2_MP = 1 or
Extrtu2_09_W2_MP = 1 or Extrtu2_10_W2_MP = 1 or
Extrtu2_11_W2_MP = 1 or Extrtu2_12_W2_MP = 1 or Extrtu2_13_W2_MP = 1) ExtNCtuMP_W2_DER = 1.
variable labels ExtNCtuMP_W2_DER "Whether MP or other family member paid for extra tuition in non-core subjects".
value labels ExtNCtuMP_W2_DER
-99 "MP not interviewed"
2 "Not paid for non-core education tuition"
1 "Paid for non-core education tuition"
-1 "Don't know".

Source variable	Variable label	Source file
Extrtu1_W2_MP	Whether MP or another member of their family has paid for YP to have extra tuition in any subjects that YP also does at school since beginning of Year 10	Main file
Extrtu2_05_W2_MP	Extra Music tuition received by YP	Main file
Extrtu2_06_W2_MP	Extra Sports tuition received by YP	Main file
Extrtu2_07_W2_MP	Extra Drama tuition received by YP	Main file
Extrtu2_08_W2_MP	Extra Dance tuition received by YP	Main file
Extrtu2_09_W2_MP	Extra Singing tuition received by YP	Main file
Extrtu2_10_W2_MP	Extra Religious activity tuition received by YP	Main file

Extrtu2_11_W2_MP	Extra horseriding tuition received by YP	Main file
Extrtu2_12_W2_MP	Extra sea/air/army cadets tuition received by YP	Main file
Extrtu2_13_W2_MP	Extra other tuition received by YP	Main file
Extrtu2_14_W2_MP	Don't know extra tuition received by YP	Main file

9.7 Parkiddif_W2_DER	"How well or badly MP gets on with YP"

Value labels:		Missing value labels:
1 'Very well'		-99 'MP not interviewed'
2 'Fairly well'		-92 'Don't want to answer'
3 'Fairly/Very badly'		-91 'Not applicable'
		-1 'Don't know'

Description of variable:

This variable is the same as Kiddif_W2_MP except that fairly badly and very badly have been combined.

Derivation:

SPSS Code:

recode Kiddif_W2_MP (1=1) (2=2) (3 4 = 3) (else=copy) into parkiddif_W2_DER.
variable labels parkiddif_W2_DER ' How well or badly MP gets on with YP'.
value labels parkiddif_W2_DER
3 "Fairly/Very badly"
1 "Very well"
2 "Fairly well"
-99 "MP not interviewed"
-92 "Don't want to answer"
-91 "Not applicable"
-1 "Don't know".

Source variable	Variable label	Source file
Kiddif_W2_MP	How well or badly MP gets on with YP	Main File

10. School facilities and use

10.1 SSportcombo_W2_DER	"Whether there are known to be school facilities for sports/clubs and/or time to be spent on schoolwork"
Value labels: 1 'Both hobbies and work' 2 'Hobbies only' 3 'Work only' 4 'Neither'	**Missing value labels:** -99 'YP not interviewed'

Description of variable:
This variable calculates whether there are known to be school facilities for sports, clubs, or time to spend on homework at the YP's school

Derivation:

SPSS Code:

Compute SSportcombo_W2_DER = 0.
 	
If (SSsport_schoolsports_W2_YP <> 1 and
SSsport_clubs_W2_YP <> 1 and
SSsport_exams_W2_YP <> 1 and
SSsport_dropin_W2_YP <> 1 and
SSsport_weekends_W2_YP <> 1) SSportcombo_W2_DER = 4.
If SSsport_exams_W2_YP = 1 or SSsport_dropin_W2_YP = 1 or SSsport_weekends_W2_YP =1 SSportcombo_W2_DER = 3.
If SSsport_schoolsports_W2_YP = 1 or SSsport_clubs_W2_YP = 1 SSportcombo_W2_DER = 2.
if (SSsport_schoolsports_W2_YP = 1 or SSsport_clubs_W2_YP = 1) and (SSsport_exams_W2_YP = 1 or SSsport_dropin_W2_YP = 1 or
SSsport_weekends_W2_YP =1) SSportcombo_W2_DER = 1.
if ypcomp_W2_DER = 2 SSportcombo_W2_DER = -99.
 	
variable labels SSportcombo_W2_DER "Whether there are known to be school facilities for sports/clubs and/or time to be spent on schoolwork".
value labels SSportcombo_W2_DER -99 "YP not interviewed" 1 "Both hobbies and work" 2 "Hobbies only" 3 "Work only" 4 "Neither".

Source variable	Variable label	Source file
SSsport_schoolsports_W2_YP	Whether the school has times outside lessons when you can use school sports facilities including organised sports clubs	Main File

SSsport_clubs_W2_YP	Whether the school has clubs and societies outside lessons for things like hobbies, art or music	Main File
SSsport_exams_W2_YP	Whether the school has times outside lessons when you can work with a teacher to prepare for exams or tests	Main File
SSsport_dropin_W1_YP	Whether the school has times outside lessons when you can drop in to work on your own or with other students	Main File
SSsport_weekends_W2_YP	Whether the school has times during weekends or school holidays when you can go in and work with a teacher or work by yourself	Main File
ypcomp_W2_DER	Whether the young person completed the interview	Main File

10.2 SSportgocombo_W2_DER	"Whether YP is known to use school facilities for sports/clubs and/or time to be spent on schoolwork"

Value labels:	Missing value labels:
1 'Both hobbies and work'	-99 'YP not interviewed'
2 'Hobbies only'	-97 'Data missing due to technical issue'
3 'Work only'	-91 'Not applicable'
4 'Neither'	

Description of variable:

This variable calculates whether YP attended any school facilities for sports, clubs, or time to spend on homework at their school

Derivation:

SPSS Code:

```
Compute SSportgocombo_W2_DER = 0.
If (SSsportGo_schoolsports_W2_YP <> 1 and
SSsportGo_clubs_W2_YP <> 1 and
SSsportGo_exams_W2_YP <> 1 and
SSsportGo_dropin_W2_YP <> 1 and
SSsportGo_weekends_W2_YP <> 1) SSportgocombo_W2_DER = 4.

If SSsportGo_exams_W2_YP = 1 or SSsportGo_dropin_W2_YP = 1 or SSsportGo_weekends_W2_YP =1
SSportgocombo_W2_DER = 3.

If SSsportGo_schoolsports_W2_YP = 1 or SSsportGo_clubs_W2_YP = 1 SSportgocombo_W2_DER = 2.

if (SSsportGo_schoolsports_W2_YP = 1 or SSsportGo_clubs_W2_YP = 1) and (SSsportGo_exams_W2_YP = 1 or
SSsportGo_dropin_W2_YP = 1 or
SSsportGo_weekends_W2_YP =1) SSportgocombo_W2_DER = 1.

if ypcomp_W2_DER = 2 SSportgocombo_W2_DER = -99.
if ssportcombo_W2_DER = 4 SSportgocombo_W2_DER = -91.
If (SSsportGo_schoolsports_W2_YP = -97 or
SSsportGo_clubs_W2_YP = -97 or
SSsportGo_exams_W2_YP = -97 or
SSsportGo_dropin_W2_YP = -97 or
SSsportGo_weekends_W2_YP = -97) SSportgocombo_W2_DER = -97.
fre ssportgocombo_W2_DER.

variable labels SSportgocombo_W2_DER "Whether YP is known to use school facilities for sports/clubs and/or time to be
spent on schoolwork in the last 12 months".
value labels SSportgocombo_W2_DER -99 "YP not interviewed" -97 "Data missing due to technical issue" -91 "Not
applicable" 1 "Both hobbies and work" 2 "Hobbies only" 3 "Work only" 4 "Neither".
```

Source variable	Variable label	Source file
SSsportgo_schoolsports_W2_YP	Whether YP has attended times outside lessons when you can use school sports facilities including organised sports clubs	Main File
SSsportgo_clubs_W2_YP	Whether YP has attended clubs and societies outside lessons for things like hobbies, art or music	Main File
SSsportgo_exams_W2_YP	Whether YP has attended times outside lessons when you can work with a teacher to prepare for exams or tests	Main File
SSsportgo_dropin_W2_YP	Whether YP has attended times outside lessons when you can drop in to work on your own or with other students	Main File
SSsportgo_weekends_W2_YP	Whether YP has attended times during weekends or school holidays when you can go in and work with a teacher or work by yourself	Main File
ypcomp_W2_DER	Whether the young person completed the interview	Main File
SSportcombo_W2_DER	Whether there are known to be school facilities for sports/clubs and/or time to be spent on schoolwork	Main File

11. Sleep

11.1 Sleep1_Hour_W2_YP_DER 11.2 Sleep2_Hour_W2_YP_DER 11.3 Sleep3_Hour_W2_YP_DER 11.4 Sleep1Used_W2_DER	**"Time YP goes to bed on a school night - HOUR - Edited version"** **"Time YP goes to sleep on a school night - HOUR - Edited version"** **"Time YP wakes up on a school day - HOUR - Edited version"** **"Flag indicating whether Sleep1 (time to bed) has been used as a proxy for going time to sleep in edited Sleep2 and Sleep DVs"**
Value labels: 1 'Yes Sleep1 used as proxy' 2 'No/NA'	**Missing value labels:** -99 'YP Not interviewed'

Description of variable:

These variables are edited versions of Sleep1_HOUR_W2_YP, Sleep2_HOUR_W2_YP and Sleep3_HOUR_W2_YP to correct for cases where it seems that the time has incorrectly been entered in the 12 hour clock format to 24 clock format, plus other anomalies. Sleep1Used_W2_DER indicates whether Sleep1 (time to bed) was used as a proxy for going to sleep time in edited Sleep2 and Sleep DVs.

Derivation:

Some specific decisions have been made for editing as explained in the notes in the SPSS code below, therefore the original variables (Sleep1_HOUR_W2_YP, Sleep2_HOUR_W2_YP, Sleep3_HOUR_W2_YP) are still available in the dataset but should be used with caution.

SPSS Code:

compute Sleep2_Hour_W2_YP_DER=Sleep2_Hour_W2_YP.

**There are cases where sleep2 is reported on 12 rather 24 hour clock. Converting those for 10,11,12 and 13 to 15 (converting to 1 to 3am).

if range(Sleep2_Hour_W2_YP_DER,10,11) Sleep2_Hour_W2_YP_DER=Sleep2_Hour_W2_YP_DER+12.
if Sleep2_Hour_W2_YP_DER=9 & Sleep1_Hour_W2_YP~=10 Sleep2_Hour_W2_YP_DER=Sleep2_Hour_W2_YP_DER+12.
if range(Sleep2_Hour_W2_YP_DER,12,15) Sleep2_Hour_W2_YP_DER=Sleep2_Hour_W2_YP_DER -12.

compute Sleep1_Hour_W2_YP_DER=Sleep1_Hour_W2_YP.
if range(Sleep1_Hour_W2_YP_DER,8,11) Sleep1_Hour_W2_YP_DER=Sleep1_Hour_W2_YP_DER+12.
if Sleep1_Hour_W2_YP_DER=12 Sleep1_Hour_W2_YP_DER=Sleep1_Hour_W2_YP_DER -12.

** creating a flag which shows whether Sleep1 is being used as a proxy. Users can choose whether or not to include them in analyses.

compute Sleep1Used_W2_DER=0.
if Sleep1_Hour_W2_YP=-99 Sleep1Used_W2_DER=-99.

*Dealing with cases where time going to sleep is missing but time going to bed is given by using Sleep1 as proxy.

```
do if (Sleep2_Hour_W2_YP=-1) .
compute Sleep2_Hour_W2_YP_DER=Sleep1_Hour_W2_YP_DER.
compute Sleep1Used_W2_DER=1.
end if.
execute.
```

**there is one case where Sleep2 is 9 but Sleep1 is 10 (ie. goes to sleep before going to bed) so using Sleep1 edited

```
do if (Sleep2_Hour_W2_YP=9 and Sleep1_Hour_W2_YP=10) .
compute Sleep2_Hour_W2_YP_DER=Sleep1_Hour_W2_YP_DER.
compute Sleep1Used_W2_DER=1.
end if.
execute.
```

**there are 2 cases where sleep2 is 21, but sleep1 is 22 so in these cases using sleep1.

```
do if (Sleep2_Hour_W2_YP=21 and Sleep1_Hour_W2_YP=22 ) .
compute Sleep2_Hour_W2_YP_DER=Sleep1_Hour_W2_YP_DER.
compute Sleep1Used_W2_DER=1.
end if.
execute.
```

**there are 4 cases where sleep1 and 2 hours are the same but sleep1 minutes is greater than sleep2 in these cases deferring to sleep1.

```
 if (Sleep2_Hour_W2_YP= Sleep1_Hour_W2_YP and Sleep1_Hour_W2_YP>=0 and
Sleep2_Minute_W2_YP<Sleep1_Minute_W2_YP )  Sleep1Used_W2_DER=1.
```

**wherever Sleep2 is 7 or 8 it is the same as the waking up time so using sleep1 as a proxy.

```
do if (Sleep2_Hour_W2_YP_DER=7 or Sleep2_Hour_W2_YP_DER=8).
compute Sleep2_Hour_W2_YP_DER=Sleep1_Hour_W2_YP_DER.
compute Sleep1Used_W2_DER=1.
end if.
execute.
```

*Editing waking up times.

```
compute Sleep3_Hour_W2_YP_DER=Sleep3_Hour_W2_YP.
```

**Converting 17 and 18 to 5 and 6am.

```
if (Sleep3_Hour_W2_YP=17 or Sleep3_Hour_W2_YP=18) Sleep3_Hour_W2_YP_DER= Sleep3_Hour_W2_YP_DER-12 .
```

** Setting midnight wake up times to -1.

```
if Sleep3_Hour_W2_YP=0  Sleep3_Hour_W2_YP_DER=-1.
```

**Setting afternoon wake up times to -1.

if range (Sleep3_Hour_W2_YP,12,15) Sleep3_Hour_W2_YP_DER=-1.

variable label Sleep1_Hour_W2_YP_DER "Time YP goes to bed on a school night - HOUR - Edited version".
variable label Sleep2_Hour_W2_YP_DER "Time YP goes to sleep on a school night - HOUR - Edited version".
variable label Sleep3_Hour_W2_YP_DER "Time YP wakes up on a school day - HOUR - Edited version".
variable label Sleep1Used_W2_DER "Flag indicating whether Sleep1 (time to bed) has been used as a proxy for going time to sleep in edited Sleep2 and Sleep DVs".

value labels Sleep1_Hour_W2_YP_DER   Sleep2_Hour_W2_YP_DER Sleep3_Hour_W2_YP_DER -99 "YP Not interviewed" -91 "Not applicable" -1 "Don't know".
recode Sleep1Used_W2_DER (0 = 2).
value labels Sleep1Used_W2_DER -99 "YP Not interviewed" 2 "No/NA" 1 "Yes Sleep1 used as proxy".

Source variable	Variable label	Source file
Sleep1_HOUR_W2_YP	Time YP goes to bed on a school night - HOUR	Main File
Sleep2_HOUR_W2_YP	Time YP goes to sleep on a school night - HOUR	Main File
Sleep3_HOUR_W2_YP	Time YP wakes up on a school day - HOUR	Main File
Sleep1_MINUTE_W2_YP	Time YP goes to bed on a school night - MINUTE	Main File – Secure access
Sleep2_MINUTE_W2_YP	Time YP goes to bed on a school night - MINUTE	Main File – Secure access

11.5 Sleep_cont_W2_DER	"Number of hours sleep YP usually gets"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed'
	-1 'Don't know'

Description of variable:

This variable calculates the number of hours' sleep the YP usually gets on a school night. It draws on the edited versions of the going to bed, going to sleep and getting up times derived above (Sleep2_Hour_W2_YP_DER, Sleep1_Hour_W2_YP_DER, Sleep3_Hour_W2_YP_DER) for use with Sleep1Used_W2_DER which is also referenced here. The syntax for these is included under Sleep1Used_W2_DER and not repeated here. The syntax below follows on from where that for Sleep1Used_W2_DER ends.

Derivation:

SPSS Code:

```
compute sleeptime=99.

recode Sleep1_Hour_W2_YP (-99=COPY) into sleeptime.
if (Sleep2_Hour_W2_YP_DER=-1 OR Sleep3_Hour_W2_YP_DER=-1) sleeptime=-1.
compute sleephours=99.
recode Sleep1_Hour_W2_YP (-99=COPY) into sleephours.
if (Sleep2_Hour_W2_YP_DER=-1 OR Sleep3_Hour_W2_YP_DER=-1) sleephours=-1.
compute wakehrmidday0=99.
recode Sleep1_Hour_W2_YP (-99=COPY) into wakehrmidday0.
if (Sleep2_Hour_W2_YP_DER=-1 OR Sleep3_Hour_W2_YP_DER=-1) wakehrmidday0=-1.
compute sleephrmidday0=99.
recode Sleep1_Hour_W2_YP (-99=COPY) into sleephrmidday0.
if (Sleep2_Hour_W2_YP_DER=-1 OR Sleep3_Hour_W2_YP_DER=-1) sleephrmidday0=-1.
do if sleeptime>=0.
if Sleep2_Hour_W2_YP_DER>12 sleephrmidday0=Sleep2_Hour_W2_YP_DER-12.
if Sleep2_Hour_W2_YP_DER<12 sleephrmidday0=Sleep2_Hour_W2_YP_DER+12.
if Sleep3_Hour_W2_YP_DER>12 wakehrmidday0=Sleep3_Hour_W2_YP_DER-12.
if Sleep3_Hour_W2_YP_DER<12 wakehrmidday0=Sleep3_Hour_W2_YP_DER+12.
end if.
if sleeptime>=0 sleephours=wakehrmidday0-sleephrmidday0.
if sleeptime>=0 & Sleep2_MINUTE_W2_YP>=0 and Sleep3_MINUTE_W2_YP>=0   sleeptime=sleephours-
(Sleep2_MINUTE_W2_YP/60)+(Sleep3_MINUTE_W2_YP/60).
if sleeptime>=0 and Sleep1Used_W2_DER=1 & Sleep1_MINUTE_W2_YP>=0 and Sleep3_MINUTE_W2_YP>=0
   sleeptime=sleephours-(Sleep1_MINUTE_W2_YP/60)+(Sleep3_MINUTE_W2_YP/60).
compute sleep_cont_W2_DER=99.
recode sleeptime (-99,-1=COPY) into sleep_cont_W2_DER.
if sleep_cont_W2_DER=99 and (sleeptime<0 OR sleeptime>15) sleep_cont_W2_DER=-98.
if sleep_cont_W2_DER=99 sleep_cont_W2_DER = sleeptime.
value labels sleep_cont_W2_DER -99 "YP not interviewed" -1 "Don't know".
variable label sleep_cont_W2_DER "Number of hours sleep YP usually gets".
```

formats
sleep_cont_W2_DER (f5.2).

Source variable	Variable label	Source file
Sleep1_HOUR_W2_YP	Time YP goes to bed on a school night - HOUR	Main File
Sleep2_HOUR_W2_YP	Time YP goes to sleep on a school night - HOUR	Main File
Sleep3_HOUR_W2_YP	Time YP wakes up on a school day - HOUR	Main File
Sleep1_MINUTE_W2_YP	Time YP goes to bed on a school night - MINUTE	Main File – Secure access
Sleep2_MINUTE_W2_YP	Time YP goes to sleep on a school night - MINUTE	Main File – Secure access
Sleep3_MINUTE_W2_YP	Time YP wakes up on a school day - MINUTE	Main File – Secure access

11.6 Sleep_W2_DER	"Number of hours sleep YP usually gets- banded"

Value labels: Numeric	Missing value labels: -99 'YP not interviewed' -1 'Don't know'

Description of variable:

This variable calculates the banded number of hours' sleep the YP usually gets on a school night. It draws on the edited versions of the going to bed, going to sleep and getting up times derived above (Sleep2_Hour_W2_YP_DER, Sleep1_Hour_W2_YP_DER, Sleep3_Hour_W2_YP_DER) for use with Sleep1Used_W2_DER which fed into sleep_cont_W2_DER. The syntax for these is included under Sleep1Used_W2_DER and sleep_cont_W2_DER and not repeated here.

Derivation:

SPSS Code:

recode sleep_cont_W2_DER (-99,-98,-1=COPY)(0 THRU 3.99=1)(4 THRU 4.99=2)(5 THRU 5.99=3)(6 THRU 6.99=4)(7 THRU 7.99=5)
(8 THRU 8.99=6)(9 THRU 9.99=7)(10 THRU 10.99=8)(11 THRU HI=9) INTO sleep_W2_DER.
value labels sleep_W2_DER -99 'YP not interviewed' -1 "Don't know" 1 'Less than 4 hours' 2 '4-less than 5 hours' 3 '5- less than 6 hours' 4 '6- less than 7 hours'
5 '7 - less than 8 hours' 6 '8 - less than 9 hours' 7 '9 - less than 10 hours' 8 '10 - less than 11 hours' 9 '11 plus hours'.
variable label sleep_W2_DER "Number of hours sleep YP usually gets- banded".

Source variable	Variable label	Source file
Sleep1_HOUR_W2_YP	Time YP goes to bed on a school night - HOUR	Main File
Sleep2_HOUR_W2_YP	Time YP goes to sleep on a school night - HOUR	Main File
Sleep3_HOUR_W2_YP	Time YP wakes up on a school day - HOUR	Main File
Sleep1_MINUTE_W2_YP	Time YP goes to bed on a school night - MINUTE	Main File – Secure access
Sleep2_MINUTE_W2_YP	Time YP goes to sleep on a school night - MINUTE	Main File – Secure access
Sleep3_MINUTE_W2_YP	Time YP wakes up on a school day - MINUTE	Main File – Secure access

11.7 Sleep_optimal_W2_DER	"Number of hours sleep YP usually gets- banded- optimal"

Value labels:	Missing value labels:
Numeric	-99 'YP not interviewed' -1 'Don't know'

Description of variable:

This variable bands the number of hours' sleep the YP usually gets on a school night according to whether deemed less than optimal, optimal or more than optimal. It draws on the edited versions of the going to bed, going to sleep and getting up times derived above (Sleep2_Hour_W2_YP_DER, Sleep1_Hour_W2_YP_DER, Sleep3_Hour_W2_YP_DER) for use with Sleep1Used_W2_DER which fed into sleep_cont_W2_DER. The syntax for these is included under Sleep1Used_W2_DER and sleep_cont_W2_DER and not repeated here.

Derivation:

SPSS Code:

recode sleep_cont_W2_DER (-99,-98,-1=COPY)(0 THRU 7.999999=1)(8 THRU 9.499999=2)(9.5 THRU HI=3) INTO sleep_optimal_W2_DER.
value labels sleep_optimal_W2_DER -99 'YP not interviewed' -1 "Don't know" 1 'Less than 8 hours (too little)' 2 '8 to less than 9.5 hours (optimal)' 3 '9.5 hours or more (too much)'.

variable label sleep_optimal_W2_DER "Number of hours sleep YP usually gets- banded- optimal".

Source variable	Variable label	Source file
Sleep1_HOUR_W2_YP	Time YP goes to bed on a school night - HOUR	Main File
Sleep2_HOUR_W2_YP	Time YP goes to sleep on a school night - HOUR	Main File
Sleep3_HOUR_W2_YP	Time YP wakes up on a school day - HOUR	Main File
Sleep1_MINUTE_W2_YP	Time YP goes to bed on a school night - MINUTE	Main File –Secure access
Sleep2_MINUTE_W2_YP	Time YP goes to sleep on a school night - MINUTE	Main File – Secure access
Sleep3_MINUTE_W2_YP	Time YP wakes up on a school day - MINUTE	Main File – Secure access

12. Parental working hours

12.1 HoursWorkedMP_W2_DER	"Banded hours worked per week - MP"
Value labels: 1 '0-15 hours' 2 '16-25 hours' 3 '26-30 hours' 4 '31-35 hours' 5 '36-40 hours' 6 '41 hours or more'	**Missing value labels:** -99 'MP not interviewed -97'Data missing due to technical issue' -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable calculates the banded number of hours the MP works per week.

Derivation:

SPSS Code:

```
Compute HoursWorkedMP_W2_DER = 0.
exe.

if (JJBHrs_W2_MP > -1) HoursWorkedMP_W2_DER = 1.
if (JJBHrs_W2_MP > 15) HoursWorkedMP_W2_DER= 2.
if (JJBHrs_W2_MP > 25) HoursWorkedMP_W2_DER = 3.
if (JJBHrs_W2_MP > 30) HoursWorkedMP_W2_DER = 4.
if (JJBHrs_W2_MP > 35) HoursWorkedMP_W2_DER = 5.
if (JJBHrs_W2_MP > 40) HoursWorkedMP_W2_DER = 6.
if (JJBHrs_W2_MP < 0) HoursWorkedMP_W2_DER = JJBHrs_W2_MP.
exe.

add value labels HoursWorkedMP_W2_DER 1 "0-15 hours" 2 "16-25 hours" 3 "26-30 hours" 4 "31-35 hours" 5 "36-40 hours"
6 "41 hours or more".
exe.

variable labels HoursWorkedMP_W2_DER "Banded hours worked per week - MP".
add value labels HoursWorkedMP_W2_DER -99 "MP not interviewed" -97"Data missing due to technical issue" -91 "Not
applicable" -92 "Refused" -1 "Don't know".
```

Source variable	Variable label	Source file
JJBHrs_W2_MP	Number of hours MP is expected to work in a normal week	Main File – Secure access

12.2 OvertimeMP_W2_DER	"Banded overtime worked per week - MP"

Value labels:	Missing value labels:
1 '0 hours'	-99 'MP not interviewed'
2 '1-5 hours'	-97 'Data missing due to technical issue'
3 '6-10 hours'	-92 'Refused'
4 '11-20 hours'	-91 'Not applicable'
5 'Over 20 hours'	-1 'Don't know'

Description of variable:

This variable calculates the banded number of hours of overtime the MP works per week.

Derivation:

SPSS Code:

```
if (HRsOver_W2_MP > -1) OvertimeMP_W2_DER = 1.
if (HRsOver_W2_MP > 0) OvertimeMP_W2_DER = 2.
if (HRsOver_W2_MP > 5) OvertimeMP_W2_DER = 3.
if (HRsOver_W2_MP > 10) OvertimeMP_W2_DER = 4.
if (HRsOver_W2_MP > 20) OvertimeMP_W2_DER = 5.
if (HRsOver_W2_MP < 0) OvertimeMP_W2_DER = HRsOver_W2_MP.
exe.

add value labels OvertimeMP_W2_DER 1 "0 hours" 2 "1-5 hours" 3 "6-10 hours" 4 "11-20 hours" 5 "Over 20 hours" -99 "MP
not interviewed" -97 "Data missing due to technical issue"  -91 "Not applicable" -92 "Refused"
-1 "Don't know".
variable labels OvertimeMP_W2_DER "Banded overtime worked per week - MP".
```

Source variable	Variable label	Source file
HRsOver_W2_MP	Number of hours overtime MP works in a normal week	Main File – Secure access

12.3 PaidOvertimeMP_W2_DER	"Banded paid overtime worked per week - MP"

Value labels:	Missing value labels:
1 '0 hours' 2 '1-5 hours' 3 '6-10 hours' 4 '11-20 hours' 5 'Over 20 hours'	-99 'MP not interviewed' -92 'Refused' -91 'Not applicable' -1 'Don't know'

Description of variable:

This variable calculates the banded number of hours of paid overtime the MP works per week

Derivation:

SPSS Code:

```
Compute PaidOvertimeMP_W2_DER = 0.
exe.

if (Paidovr_W2_MP > -1) PaidOvertimeMP_W2_DER = 1.
if (Paidovr_W2_MP > 0) PaidOvertimeMP_W2_DER = 2.
if (Paidovr_W2_MP > 5) PaidOvertimeMP_W2_DER = 3.
if (Paidovr_W2_MP > 10) PaidOvertimeMP_W2_DER= 4.
if (Paidovr_W2_MP > 20) PaidOvertimeMP_W2_DER = 5.
if (Paidovr_W2_MP < 0) PaidOvertimeMP_W2_DER = Paidovr_W2_MP.
exe.

add value labels PaidOvertimeMP_W2_DER 1 "0 hours" 2 "1-5 hours" 3 "6-10 hours" 4 "11-20 hours" 5 "Over 20 hours" -91
"Not applicable" -99 "MP not interviewed" -92 "Refused"
-1 "Don't know".
variable labels PaidOvertimeMP_W2_DER "Banded paid overtime worked per week - MP".
```

Source variable	Variable label	Source file
Paidovr_W2_MP	Number of hours paid overtime MP works in a normal week	Main File – Secure access