

INFORMATION, GOVERNANCE AND SECURITY (IGS)

DIRECTORATE

FAMILY RESOURCES SURVEY

2012/13

Dataset and Changes

Twelve-month User Consultation

INDEX

Introduction	3
Data structure	4
Overview of variable changes	4
Treatment within processing	5
Benefit Editing	5
Non-Benefit editing	6
Imputation	7
Derived Variables	11
Grossing	13

Introduction

This summary report is produced in conjunction with the 2012-13 Family Resources Survey (FRS) and provides users with detailed information on proposed changes to:-

- Dataset structure
- Variables
- Treatment within Processing (validation, editing and derivation of variables)
- Methodology

The information provided in this report should be used in conjunction with the standard FRS documentation, which can be accessed via the FRS Link Page at: <http://51.127.147.55/asd3/web/frs/>

Six and twelve month test versions of the dataset can be made available upon request and upon completion of a data testing agreement.

If at any point you would like to discuss any issues or require further information or clarification, please contact one of the FRS team in Surveys (via email to: team.frs@dpw.gsi.gov.uk).

The FRS data processing team is:

Donncha Burke	(Team Leader, Data Release Protocols, Publication)
Caroline Smith	(Validation, Methodology, Analysis)
Thomas Sims	(Imputation, Derived Variables)
Anneka Smith	(Benefit Editing, Data Access)

DATA structure

There were no major structural changes made to the Family Resources Survey dataset in 2012/13.

Overview of variable changes

The variable changes are listed below with reference to the relevant page in the '**Interviewers Guide to Changes**' listed in brackets, which will provide further detail.

Changes in the Family Resources Survey (FRS) data can affect three main areas of processing:-

- Editing
- Imputation
- Derived variables

Information on all the changes to the questionnaire for 2012/13 can be found in the document 'Interviewers Guide to Changes'. New and deleted questions are highlighted below (i.e. new variables and removed variables). Full details on how changes to the questionnaire have been treated within the dataset are provided in the 'Treatment within processing' section of this report.

New questions

- Ethnic group in Scotland (2c, page 6)
- Accommodation and local services (2e, page 8)
- Receipt of medical and dental care (3d, page 22)
- Highest qualification (3e, page 24)
- Material and social deprivation (3k, page 42)

Deleted questions

- Prescriptions (3a, page 15)

Treatment within processing

Changes in the information collected and the structure of that information needs to be taken into account within the processing of the FRS dataset. Most of these changes can be treated by introducing new systems or through extending our current methodologies, and are detailed in this section across the four processing areas:-

- Benefit Editing
- Non-Benefit Editing
- Imputation
- Derived Variables

BENEFIT EDITING

Child Maintenance Bonus (Benefit 51) was abolished in 2011, but continued to be an option on the 2012/13 benefit showcard for respondents to report. All 31 reported cases were deleted and the benefit amount recorded elsewhere, if appropriate.

NON-BENEFIT EDITING

The following changes were made to the non-benefit editing:

- Identification of outliers

An issue has been found with the ONS code for identifying outliers (not picking up all extreme values). This is being investigated and further information will follow.

- New checks were added to cover the following situations:
 - Children under the age of 16 who have reported receipt of Carer's Allowance
 - Reported benefit is 'Any other NI or State benefit' to better inform benefit editing decisions
- Checks that have been removed due to questionnaire changes:
 - Check to identify where more than £1,200 has been paid into a child trust fund (child trust fund variables removed from questionnaire)

IMPUTATION

The following changes have been made to the imputation process.

Bulk Edits

Changes to existing edits

TABLE	VARIABLE	LABEL	DESCRIPTION
ADULT	DDAPROG (now DDAPROG1)	Progressive health condition	Bulk edit amended to take into account renamed variable and new categories
ADULT	DDATRE (now DDATRE1)	Difficulties - Without medication	Bulk edit amended to take into account renamed variable and new categories
ADULT	DDATREP (now DDATREP1)	Illness/disability limited activities	Bulk edit amended to take into account renamed variable and new categories
ADULT	DISDIF1- DISDIF9 (now DISD01- DISD10)	Types of difficulties	Bulk edits amended to take into account renamed variables
ADULT	DISDIFP (now DISDIFP1)	Ever had any long standing illness/disability	Bulk edit amended to take into account renamed variable
ADULT	HEALTH (now HEALTH1)	Whether has a long standing illness	Bulk edit amended to take into account renamed variable
ADULT	HI2QUAL	Highest level of qualification	Variable dropped
ADULT	HPROB (now CONDIT)	Illness/disability limits activities	Bulk edit amended to take into account renamed variable and new categories
CHILD	CDDAPRG (now CDAPROG1)	Progressive health condition	Bulk edit amended to take into account renamed variable and new categories
CHILD	CDDATRE (now CDATRE1)	Difficulties - Without medication	Bulk edit amended to take into account renamed variable and new categories
CHILD	CDDATREP (now CDATREP1)	Illness/disability limited activities	Bulk edit amended to take into account renamed variable and new categories
CHILD	CDISDIF1- CDISDIF9 (now CDISD01- CDISD10)	Types of difficulties	Bulk edits amended to take into account renamed variables
CHILD	CHEALTH (now CHEALTH1)	Whether has a long standing illness	Bulk edit amended to take into account renamed variable

TABLE	VARIABLE	LABEL	DESCRIPTION
CHILD	CHPROB (now CHCOND)	Illness/disability limits activities	Bulk edit amended to take into account renamed variable and new categories
JOB	EMPANY (now EMPLANY)	Number of people employed	Bulk edit amended to take into account renamed variable and new categories
JOB	LIKEHR	Hours in job: preference	Variable dropped
JOB	NUMEMP	How many people work for your employer	Bulk edit amended to take into account new categories
JOB	OTHDED1- OTHDED9 (now OTHDED01- OTHDED10)	Deductions from pay	Bulk edits amended to take into account renamed variables
JOB	UOTHDED1- UOTHDED9 (now UOTHDE01- UOTHDE10)	Usual deductions from pay	Bulk edits amended to take into account renamed variables
MAINT	MRCT	Maintenance payment via court order	Variable dropped

New edits

TABLE	VARIABLE	LABEL	DESCRIPTION
ADULT	BFD	Have you received any support from the 16-19 Bursary Fund	Impute to No if missing
ADULT	ETHGRPS	Ethnic group (Scotland)	Impute to Any other ethnic group (option 19) if missing
ADULT	EUALIMNY	Whether making maintenance payments to a previous partner	Impute to No if missing
BENUNIT	OUTPAY	Making regular payments to friends or rel outside hhold	Impute to No if missing
BENUNIT	REGULARP	Receiving reg payments from friends or rels outside hhold	Impute to No if missing
CHILD	CHBFD	Have you received any support from the 16-19 Bursary Fund	Impute to No if missing

Algorithms

Changes to existing edits

TABLE	VARIABLE	LABEL	DESCRIPTION
JOB	OTHDED1- OTHDED9 (now OTHDED01- OTHDED10)	Deductions from pay	Algorithms amended to take into account renamed variables
JOB	UOTHDED1- UOTHDED9 (now UOTHDE01- UOTHDE10)	Usual deductions from pay	Algorithms amended to take into account renamed variables

There were no new edits introduced within algorithms.

Hotdecks

Changes to existing edits

TABLE	VARIABLE	LABEL	DESCRIPTION
ADULT	DISDIF1- DISDIF9	Types of difficulties	Replaced by DISD01-DISD10
ADULT	HEALTH	Whether has a long standing illness	Replaced by HEALTH1
BENUNIT	CBAAMT	Estimated value of current accounts/investments	Replaced by CBAAMT2
CHILD	CDISDIF1- CDISDIF9	Types of difficulties	Replaced by CDISD01-CDISD10
HOUSEHOL	GVTREGN	Region in UK	Replaced by GVTREGNO

New edits

TABLE	VARIABLE	LABEL
ADULT	BFDAMT	How much Bursary Fund did you receive last time
ADULT	BFDVAL	Was the support in the form of
ADULT	EUALIAMT	How much alimony paid last time

TABLE	VARIABLE	LABEL
ADULT	PROPTAX	Amount of tax paid on the rent received
ADULT	REDNET	Whether redundancy amount includes tax
ADULT	REDTAX	How much tax paid on redundancy payment
BENUNIT	OUTPYAMT	How much give to friends and rel outside hhold each month
BENUNIT	REGPAMT	How much receive from friends and rels each month
CHILD	CHBFDAMT	How much Bursary Fund did you receive last time
CHILD	CHBFDVAL	Was the support in the form of
HOUSEHOL	EULOWEST	Lowest amount of money hhold requires to pay expenses
JOB	BONTXAM1	1st bonus: how much tax paid on bonus
JOB	BONTXAM2	2nd bonus: how much tax paid on bonus
JOB	BONTXAM3	3rd bonus: how much tax paid on bonus
JOB	BONTXAM4	4th bonus: how much tax paid on bonus
JOB	BONTXAM5	5th bonus: how much tax paid on bonus
JOB	BONTXAM6	6th bonus: how much tax paid on bonus
JOB	DEDUC9	Amount deducted: Student Loan
JOB	UDEDUC9	Amount deducted: Student Loan
RENTER	SERINCAM	Estimate for how much pay for services each month (wklyised)

DERIVED VARIABLES

The following changes have been made to derived variables:

Disability

The FRS has adopted the harmonised questions on disability as outlined on the ONS' website, [link to harmonised standards](#).

The following derived variables have been removed as they were based on previous disability information:

TABLE	VARIABLE	LABEL
ADULT	DISDIFAD	Disability, publication definition
ADULT	ADDDA	Whether adult has a DDA defined disability
BENUNIT	ADDDABU	Number of adults within BU who have a DDA defined disability
HOUSEHOL	ADDDAHH	Number of adults within HH who have a DDA defined disability
CHILD	DISDIFCH	Disability, publication definition
CHILD	CHDDA	Whether child has a DDA defined disability
BENUNIT	CHDDABU	Number of children within BU who have a DDA defined disability
HOUSEHOL	CHDDAHH	Number of children within HH who have a DDA defined disability

Following consultation with colleagues within Disability Analysis, the following derived variables have been added to the data:

TABLE	VARIABLE	LABEL
ADULT	DISACTA1	Disability, the Equality Act 2010 - wider definition
ADULT	DISCORA1	Disability, the Equality Act 2010 - core definition
CHILD	DISACTC1	Disability, the Equality Act 2010 - wider definition
CHILD	DISCORC1	Disability, the Equality Act 2010 - core definition
BENUNIT	DISWBUA1	No. of disabled adults, BU(the Equality Act 2010-wider def)
BENUNIT	DISCBUA1	No. of disabled adults, BU(the Equality Act 2010-core def)
BENUNIT	DISWBUC1	No. of disabled children, BU(the Equality Act 2010-wider def)
BENUNIT	DISCBUC1	No. of disabled children, BU(the Equality Act 2010-core def)
HOUSEHOL	DISWHHA1	No. of disabled adults, HH(the Equality Act 2010-wider def)
HOUSEHOL	DISCHHA1	No. of disabled adults, HH(the Equality Act 2010-core def)
HOUSEHOL	DISWHHC1	No. of disabled children, HH(the Equality Act 2010-wider def)
HOUSEHOL	DISCHHC1	No. of disabled children, HH(the Equality Act 2010-core def)

Ethnicity

There is now an ethnicity question specifically for Scotland, ETHGRPS. The derived variable ETHGR3 has been amended to use ETHGRPS along with the England and Wales variable ETNGRP and the Northern Ireland variable NIETNGRP.

Free School Fruit & Vegetables –England and Scotland

The FRS now collects information on whether children aged 4 to 6 in the household had free school fruit & vegetable and the number of items of free school fruit & vegetables received in past seven days. A new DV, FSFVVAL, has been created to capture the value of free school fruit & vegetables for the child. A new DV, FSFVBU, has been created to sum FSFVVAL across the benefit unit. This income is then added to the head of the benefit units remaining income. It has been assumed that value of a free school fruit & vegetable item is £0.50 based on the value of an 80g fruit snack pack from the top three supermarkets.

16-19 Bursary Fund

Income from any support received from the 16-19 Bursary Fund has been added to the adult's remaining income or the child's remaining income.

Regular payments from friends and relatives

Income from any regular payments received from friends and relatives outside the household has been added to the head of the benefit units remaining income.

Tax on rent received from property

The FRS now collects the amount of tax on rent received from property. Rent from property is added to the adults remaining income. A new net remaining income DV, NINRINC, has been added to the data which will be equal to the gross remaining income less the amount of tax on rent.

Tax on bonus payments

The income methodology for wages and salaries has been amended to take into account the amount of tax paid on bonus payments. Previous methodology estimated the amount of tax, whereas now the amounts quoted by the adult are used.

Deductions from pay

The income methodology for wages and salaries has been amended to use revised versions of the deductions from pay variables, OTHDED01-OTHDED10, and the usual deductions from pay variables, UOTHDE01-UOTHDE10.

GROSSING

The Family Resources Survey (FRS) grossing methodology has been revised following a review and updated to take account of information from the 2011 Census. The review and update follows the move to the use of 2011 Census results in the production of mid-year population estimates by the Office for National Statistics (ONS). Other data sources used for FRS grossing, including estimates of number of households and tenure breakdown, have been updated as far as possible to reflect the 2011 Census results.

A comparative analysis of data from 2002/03 to 2011/12 shows that the methodological revisions have minor effects on FRS estimates. The update to the use of 2011 Census based figures has a small effect on most estimates without significantly altering trends over time.

A revised back series of FRS datasets, including the new grossing factors, will be made available during summer 2014. The new grossing factors should be used for all analysis and comparisons within and between FRS survey years.

More information on the 2014 review of the FRS grossing regime can be found here; <https://www.gov.uk/government/publications/family-resources-survey-grossing-methodology-review-and-2011-census-updates>