INFORMATION, GOVERNANCE AND SECURITY (IGS)

DIRECTORATE

FAMILY RESOURCES SURVEY

2011/12

Dataset and Changes

Twelve-month User Consultation

INDEX

Introduction

This summary report is produced in conjunction with the 2011-12 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 from the UKDA.

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@dwp.gsi.gov.uk).

The FRS data processing team is:

Donncha Burke   (Team Leader, Data Release Protocols, Publication)

Caroline Smith   (Validation, Methodology, Publication Analysis)

Thomas Sims   (Imputation, Derived Variables, Grossing)

Anneka Smith   (Benefit Editing, Validation, Data Access)

DATA structure

There were no major structural changes made to the Family Resources Survey dataset in 2011/12.

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 2011/12 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
- Religion (2f, page 10)
- Sexual identity (2e, page 7)
- Free school breakfasts in Wales (2j, page 13)

Deleted questions
- Winter fuel payments (3e, page 32)
- Savings Gateway Accounts (3f, page 34)
- Child material deprivation questions (3g, page 38)
- Child Trust Fund questions (3h, page 42)

Following a review in Summer 2010 of variables used by key FRS customers, the following questions have been removed from the questionnaire

QUESTION	QUESTION	QUESTION
Abs2No	HelpRec	LookWk
AccFtPt	HowLng	NIPer
EdBorr	IncChnge	NoLook
HelpGvn	IncHiLow	NoChCr

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

Before 2011/12, respondents aged 60 or over were asked whether they received a Winter Fuel payment. The response ('Yes' or 'No') was recorded in the WINTFUEL variable on the ADULT table as a '1' or '2' respectively. Respondents not asked had a '.A' skipped value.

With the dropping of the WINTFUEL question from the interview and full imputation of Winter Fuel payment information, the WINTFUEL variable no longer has a value option of '2', i.e. those who would previously have been recorded as a '2' will now have a skipped value.

As a result of the Benefit Editing Review, a number of automated multiple editing processes have been incorporated into the editing methodology.

The Tax Credit (CTC/WTC) automated editing process has been refined to:
- remove erroneous transaction creation

- automate the completion of the Tax Credit ready reckoner (supplied by HMRC)

NON-BENEFIT EDITING

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

- Period code editing

Rate relief/rebates – Northern Ireland
We no longer collect the period for which the various Rate relief/rebates relate to as questions now ask for annual payments therefore this question is no longer part of period code editing. Please see section on Derived Variables.

- Identification of outliers

ONS have identified an issue to do with not loading all data to their outlier checking dataset. DWP have added a check to their process to ensure the most extreme values have been investigated.

- 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 £1200 has been paid into a child trust fund (child trust fund variables removed from questionnaire)

- Changes to checks:
  - In previous FRS releases the cred check to identify potential issues with miss reporting of sewage and water costs was run post imputation. Where a case failed the check, the imputed value was edited. On reviewing this process we have opted to retain the imputed value rather than over rule the imputation process with a further edit. The impact of this decision appears to be negligible in terms of averages and distribution.

IMPUTATION

The following changes have been made to the imputation process.

Bulk Edits

Changes to existing edits

TABLE	VARIABLE	LABEL	DESCRIPTION
ADULT	ETHGRP (now ETNGRP)	Ethnic group	Bulk edit amended to take into account renamed variable and new categories
ADULT	LOOKWK	Whether wants full or part time work	Variable dropped
ADULT	NIETHGRP (now NIETNGRP)	NI Ethnic Group	Bulk edit amended to take into account renamed variable
CHILD	CFUND	Does child have a Child Trust Fund?	Variable dropped
CHILD	GIVCFND1	CTF Cont: Child's Parent inside household	Variable dropped
CHILD	GIVCFND2	CTF Cont: Child's Parent outside household	Variable dropped
CHILD	GIVCFND3	CTF Cont: Child's Grandparents	Variable dropped
CHILD	GIVCFND4	CTF Cont: Child's Other relatives	Variable dropped
CHILD	GIVCFND5	CTF Cont: Friend of the family	Variable dropped
CHILD	GIVCFND6	CTF Cont: Other	Variable dropped
HOUSEHOL	RTRTR (now RTGEN)	Whether NI Rate Relief	Bulk edit amended to take into account renamed variable and new categories

New edits

TABLE	VARIABLE	LABEL	DESCRIPTION
HOUSEHOL	SCHBRK	Whether anyone in the household had free school breakfast	Impute to No if missing
HOUSEHOL	RTENE	NI Does hshold get a rate rbt through energy efficient homes	Impute to No if missing

Algorithms

Changes to existing edits

TABLE	VARIABLE	LABEL	DESCRIPTION
BENUNIT	ADDEPLES	hobby or leisure activity	Variable dropped
BENUNIT	ADDMEL	friends/family round for drink or meal at least once a month	Variable dropped
BENUNIT	ADDSHOE	two pairs of all weather shoes for each adult in household	Variable dropped
BENUNIT	CDEPSUM	swimming at least once a month	Variable dropped

There were no new edits introduced within algorithms.

Hotdecks

Changes to existing edits

TABLE	VARIABLE	LABEL	DESCRIPTION
ADULT	ACCFTPT	Meaning of "full" and "part" time hours	Variable dropped
ADULT	ETHGRP	Ethnic group	Replaced by ETNGRP
ADULT	LOOKWK	Whether wants full or part time work	Variable dropped
ADULT	NIETHGRP	NI Ethnic Group	Replaced by NIETNGRP
ADULT	SOC2000	Standard Occupational Classification	Replaced by SOC2010
BENUNIT	ADDEPLES	hobby or leisure activity	Variable dropped
BENUNIT	ADDMEL	friends/family round for drink or meal at least once a month	Variable dropped
BENUNIT	ADDSHOE	two pairs of all weather shoes for each adult in household	Variable dropped

TABLE	VARIABLE	LABEL	DESCRIPTION
BENUNIT	CDEPSUM	swimming at least once a month	Variable dropped
CHILD	CFUND	Does child have a Child Trust Fund?	Variable dropped
CHILD	CFUNDH	Total in Child Trust Fund	Variable dropped
CHILD	CFUNDTP	Child Trust Fund Type	Variable dropped
CHILD	FUNDAMT1	How much did parent put into fund	Variable dropped
CHILD	FUNDAMT2	How much did outside hh parent put into fund	Variable dropped
CHILD	FUNDAMT3	How much did Grandparents put into fund	Variable dropped
CHILD	FUNDAMT4	How much did Other relatives put into fund	Variable dropped
CHILD	FUNDAMT5	How much did Friend put into fund	Variable dropped
CHILD	FUNDAMT6	How much did Other put into fund	Variable dropped
CHILD	GIVCFND1	CTF Cont: Child's Parent inside household	Variable dropped
CHILD	GIVCFND2	CTF Cont: Child's Parent outside household	Variable dropped
CHILD	GIVCFND3	CTF Cont: Child's Grandparents	Variable dropped
CHILD	GIVCFND4	CTF Cont: Child's Other relatives	Variable dropped
CHILD	GIVCFND5	CTF Cont: Friend of the family	Variable dropped
CHILD	GIVCFND6	CTF Cont: Other	Variable dropped

The age clause within the routing to OA deprivation items listed below has changed from being asked of benunits containing an over 64 year old to be being

asked of benunits containing a person of SPA. The imputation of missing information has been amended to be consistent with this change.

INITIAL QUESTION		FOLLOW-UP QUESTION	
OABILL	*Are you able to pay regular bills*	BILLNT1-BILLNT9	*Why not pay bills*
OACOAT	*Do you have a warm waterproof coat*	COATNT1-COATNT9	*Why no waterproof coat*
OACOOK	*Would you be able to replace your cooker if it broke down*	COOKNT1-COOKNT9	*Why not replace cooker*
OADAMP	*Do you have a damp-free home*	DAMPNT1-DAMPNT9	*Why no damp free home*
OAEXPNS	*Would you be able to pay an unexpected expense of £200*	OAHOWPY1-OAHOWPY6	*How pay £200*
OAFRND	*Do you see your friends or family at least once a month*	FRNDNT1-FRNDNT9	*Why not see friends/family*
OAHAIR	*Do you have your hair done or cut regularly*	HAIRNT1-HAIRNT9	*Why hair not done/cut regularly*
OAHEAT	*Are your heating, electrics, plumbing and drains working*	HEATNT1-HEATNT9	*Why heating etc not in working order*
OAHOL	*Do you take a holiday away from home*	HOLNT1-HOLNT9	*Why no holiday*
OAHOME	*Is your home kept in a good state of repair*	HOMENT1-HOMENT9	*Why home not in good repair*
OAMEAL	*Do you eat at least one filling meal a day*	MEALNT1-MEALNT9	*Why no meal*
OAOUT	*Do you go out socially at least once a month*	OUTNT1-OUTNT9	*Why not go out*
OAPHON	*Do you have telephone (landline)to use, whenever you need it*	PHONNT1-PHONNT9	*Why no phone*
OATAXI	*Do you have access to a car or taxi, whenever you need it*	TAXINT1-TAXINT9	*Why no car/taxi*
OAWARM	*Is your home kept adequately warm*	WARMNT1-WARMNT9	*Why home not warm*

New edits

TABLE	VARIABLE	LABEL
CHILD	SBKIT	Number of times child had school breakfast
HOUSEHOL	RTENEAMT	How much was discounted from annual rates bill?

DERIVED VARIABLES

The following changes have been made to derived variables:

Ethnicity
The Great Britain and Northern Ireland versions of the ethnicity question, ETHGRP/NIETHGRP, have been amended to be consistent with harmonised standards and have also been renamed to ETNGRP/NIETNGRP. The derived variable ETHGR2 has been replaced by ETHGR3 which takes into account this change.

Main reason not looking for work in past 4wks (NOLOOK)
The question NOLOOK has been removed and respondents who would have been routed to NOLOOK are now routed to NOWANT instead, output categories are copied below for information. Employment status DVs have been amended to take into account this change.

NOLOOK	Main reason not looking for work (4wks)	1	Waiting for the result of an application
		2	Student
		3	Looking after the family/home
		4	Caring for a disabled or elderly person
		5	Temporarily sick or injured
		6	Long-term sick or disabled
		7	Believes no jobs available
		8	Not yet started looking
		9	Any other reason

NOWANT	Main reason not wanting work in last 4wk	1	Waiting for the result of an application
		2	Student
		3	Looking after the family/home
		4	Caring for a disabled or elderly person
		5	Temporarily sick or injured
		6	Long-term sick or disabled
		7	Doesn't need employment
		8	Retired from paid work
		9	Any other reason

Free School Breakfasts – Wales
We now collect information on whether children in the household had free school breakfast and the number of times child had school breakfast. A new DV FSBVAL has been created to capture the value of free school breakfasts for child. A new DV FSBBU has been created to sum FSBVAL across benunit. This income is then added to the head of the benefit units remaining income. It has

been assumed that value of a free school breakfast is equivalent to 80 per cent of value of a free school meal.

Religion - Northern Ireland
The Northern Ireland religion question, NIREL, has been amended to be consistent with harmonised standards and has also been renamed to NIRELIG. The derived variable NIREL2 has been amended to take into account this change.

Rate relief/rebates – Northern Ireland
We no longer collect the period for which the various Rate relief/rebates relate to as questions now ask for annual payments. Benefit income DVs have been amended to weeklyise the quoted amount.

We now collect information on whether the household gets a rate rebate through energy efficient homes, quoted amounts are weeklyised and added to benefit income DVs.

Rates Liability – Northern Ireland
Following a request by DSD NI a new DV, NIRatLia, has been created to derive Northern Ireland household's weekly Rates liability using Capital Value, CapVal, and District Council Domestic Rate Poundage, NIDPnd.

Removed DVs
The following DVs have been dropped from the benunit table following consultation with HBAI and PI teams.

OABILIMP	Imputed OABILL
OACOAIMP	Imputed OACOAT
OACOOIMP	Imputed OACOOK
OADAMIMP	Imputed OADAMP
OAEXPIMP	Imputed OAEXPNS
OAFRNIMP	Imputed OAFRND
OAHAIIMP	Imputed OAHAIR
OAHEAIMP	Imputed OAHEAT
OAHOLIMP	Imputed OAHOL
OAHOMIMP	Imputed OAHOME
OAMEAIMP	Imputed OAMEAL
OAOUTIMP	Imputed OAOUT
OAPHOIMP	Imputed OAPHON
OATAXIMP	Imputed OATAXI
OAWARIMP	Imputed OAWARM

GROSSING

The weight GROSS3 has been produced with no changes made to methodology. As in previous years GROSS3 is available on the Househol, Benunit and Adult table.

Dataset users should note that the multi-household procedure has changed this year; interviewers were only able to interview one household at a multi-household address as opposed to up to three households as in previous years. This has resulted in multi-households having a larger final weight than in previous years.