Wave 3 Changes between V1.3 & V2.0

This document highlights the final numbers for Wave 3 data V1.3 (previous public release data set) compared to V2.0 and also documents major changes in variable names.

i) Change in numbers between Releases

The table below shows the number of individuals and households in each data file.

Table 1: Summary of N values

Dataset	Wave 3 V1.3	Wave 3 V2.0	Change
Individual Questionnaires			
Adult	22 481	22 466	15
Child	12 235	12 216	19
Proxy	2 720	2 715	5
Indderived	37 436	37 397	39
Admin Data	37 436	37 397	39
Household Questionnaires			
hhderived	10 236	10 219	17
HHQuestionnaire	10 236	10 219	17
Household Roster Breakdown			
CSM	30 893	30 900	-7
TSM	11 337	11 250	87
Total	42 230	42 150	80
Resident	37 480	37 397	83
Non-Resident	4 021	4 028	-7
Deceased	729	725	4
Total	42 230	42 150	80
Link_File breakdown			
CSM	30 329	30 325	4
TSM	10 978	10 925	53
Total	41 307	41 250	57
Deceased	1 593	1 584	9
Not deceased	39 714	39 666	48
Total	41 307	41 250	57

ii) New Variables/Info

Migration Variables

In the Adult, Child and Proxy questionnaires we gather information regarding all the locations in which our respondents have lived in the past (Questions b10 – b16 in the Adult). This set of questions are collectively known as migration questions. In previous releases of the data we have only released these descriptions coded using 2001 Census data to district municipality level (DC). In the latest release

of our data we have coded these descriptions to both the 2001 and 2011 Census data and now release both versions of the district municipality codes.

New variables for migration have the suffix *dc_2001* and *dc_2011* for descriptions coded to the 2001 and 2011 Census data respectively.

Birth History Section

We embarked on an exercise to identify and match all the children across Wave 1 – Wave 4 on the Birth History (BH) section. In cleaning this section, we made calls to confirm the number of children the mother had given birth to. Therefore there were a lot of changes to this section because some children were either added or dropped off in the mother's birth history. An additional gain from this exercise is that all the children on the BH section now have a PID to identify them.

Police District data

Police district data has now been included as part of the Admin data file. Variables include distance to the nearest police station and distance to the police station in the district in which the household is located. Only categorical distances have been included in the public release version of the data. Actual distances can be found in the secure release version of the data.

Parental data

An exercise to reduce inconsistences in the parental information was carried out for all individuals across all waves. The cases with problems were identified by comparing parental information across waves. In cases where the information varied across waves, calls were made to verify this information. Information obtained from the calls was used to correct the inconsistent parental data. Where we failed to contact the respondents, the data remained unchanged.

Weights

The variable w3_pweightw2w3 was dropped from the indderived file. This was done for two reasons.

> 1. The number of weights to be calculated across waves increases exponentially with each wave. If one wants to use the variable, they can use the method described in the Panel User Guide to calculate the weights.

> 2. The interpretation of this type of weight is very complex.

iii) Variables Re-Named

Table 2 below shows all the variables that have been renamed in V2.0 data.

Table 2: Variable name changes

Questionnaire	Section	Old Variable name	New Variable Name
Adult	Demographics	w3_a_brndc	w3_a_brndc_2001
Adult	Demographics	w3_a_lvbfdc	w3_a_lvbfdc_2001
Adult	Labour Market Participation	w3_a_em1occ_c	w3_a_em1occ_isco_c
Adult	Labour Market Participation	w3_a_em2occ_c	w3_a_em2occ_isco_c
Adult	Labour Market Participation	w3_a_emsatc_c	w3_a_emsatc_isco_c
Adult	Labour Market Participation	w3_a_emsoth_c	w3_a_emsothatc_isco_c
Adult	Labour Market Participation	w3_a_emctype_c	w3_a_emctype_isco_c
Adult	Labour Market Participation	w3_a_emhtsk_c	w3_a_emhtsk_isco_c

Adult	Labour Market Participation	w3_a_unemtyp_c	w3_a_unemtyp_isco_c
Adult	Labour Market Participation	w3_a_unenl3mnth	w3_a_unem3mn
Adult	Labour Market Participation	w3_a_unenl6mn	w3_a_unem6mn
Child	Demographics	w3_c_brndc	w3_c_brndc_2001
Child	Demographics	w3_c_lvbfdc	w3_c_lvbfdc_2001
Child	Education	w3_c_ed10wdexp	w3_c_ed10wdex
Child	Education	w3_c_ed10wdexp_o	w3_c_ed10wdex_o
Child	Education	w3_c_ed11wdexp_o	w3_c_ed11wdex_o
Child	Parents' vital status	w3_c_mthwrk_c	w3_c_mthwrk_isco_c
Child	Parents' vital status	w3_c_fthwrk_c	w3_c_fthwrk_isco_c
Child	Grants	w3_c_grcurecr	w3_c_grcurecrel
Child	Parents' vital status	w3_c_fthtrt	w3_c_fthtert
Child	Parents' vital status	w3_c_fthtrtyn	w3_c_fthtertyn
Child	Parents' vital status	w3_c_mthtrt	w3_c_mthtert
Child	Parents' vital status	w3_c_mthtrtyn	w3_c_mthtertyn
Child	Child's Health	w3_c_hlthdes	w3_c_hldes
Proxy	Demographics	w3_p_brndc	w3_p_brndc_2001
Proxy	Demographics	w3_p_lvbfdc	w3_p_lvbfdc_2001
Proxy	Labour Market Participation	w3_p_em1occ_c	w3_p_em1occ_isco_c
Proxy	Labour Market Participation	w3_p_emp	w3_p_emactcur
HHQ	Food Spending and Consumption	w3_h_fd*ss_v	w3_h_fd*ss
hhderived	-	w3_gc_dc2001	w3_dc2001
hhderived	-	w3_gc_dc2011	w3_dc2011
hhderived	-	w3_hhgeo2001	w3_geo2001
hhderived	-	w3_hhgeo2011	w3_geo2011
hhderived	-	w3_gc_prov2001	w3_prov2001
hhderived	-	w3_gc_prov2011	w3_prov2011
hhderived	-	w3_gc_mdbdc2011	w3_mdbdc2011