RAND

Documentation for IFLS1-RR: Revised and Restructured 1993 Indonesian Family Life Survey Data, Wave 1

Christine E. Peterson

Labor and Population Program

PREFACE

This document covers the re-release of the 1993 Indonesian Family Life Survey, Wave 1 (IFLS1-RR) which has been revised and restructured to accompany the release of the 1997-98 Indonesian Family Life Survey, Wave 2 (IFLS2). The IFLS1 re-release data is designed to facilitate linking to IFLS2 and to improve ease of use. Users must still use the original IFLS1 data codebooks and questionnaires for details on file contents. this current document describes the changes made in producing the IFLS1-RR data; the original IFLS1 documentation has not been edited to include those changes.

The Indonesia Family Life Survey is a continuing longitudinal socioeconomic and health survey. It is addressed to a sample representing about 83% of the Indonesian population living in 13 of the nation's 26 provinces. The survey collects data on individual respondents, their families, their households, and the communities in which they live. The first wave (IFLS1) was administered in 1993 to 7,224 households. IFLS2, administered in 1997, was addressed to the same sample. A follow-up survey (IFLS2+) was conducted in 1998 with 25% of the sample. The next wave is expected to be fielded in 2000.

The IFLS1 survey was a collaborative effort of *Lembaga Demografi* of the University of Indonesia and RAND, with support from the National Institute of Child Health and Human Development, USAID, Ford Foundation, and the World Health Organization.

The revised IFLS1 data and this documentation were prepared with funds from the Computing and Data Management Core (Core B) of the Family in Economic Development Center (NICHD grant P01 28372).

The new IFLS1-RR data is available from RAND's FLS web site at www.rand.org/FLS/IFLS/IFLS1. A copy of the revised and restructured IFLS1 data has been sent to the data archive at ICPSR.

Updates regarding the IFLS database subsequent to publication of these volumes will appear at the IFLS Web site, http://www.rand.org/FLS/IFLS.

A listing of the document series for IFLS1 and IFLS2 is presented below.

Documentation for IFLS, Wave 1

DRU-1195/1-NIA/NICHD: *The 1993 Indonesian Family Life Survey: Overview and Field Report*. Purpose, design, fieldwork, and response rates.

DRU-1195/2-NIA/NICHD: *The 1993 Indonesian Family Life Survey: Appendix A, Household Questionnaires and Interviewer Manual.* English translation of the questionnaires used for the household and individual interviews. Includes interviewer's instructions.

DRU-1195/3-NIA/NICHD: *The 1993 Indonesian Family Life Survey: Appendix B, Community-Facility Questionnaires and Interviewer Manual.* English translation of the questionnaires used for interviews with community leaders and facility representatives. Includes interviewer's instructions.

DRU-1195/4-NIA/NICHD: *The 1993 Indonesian Family Life Survey: Appendix C, Household Codebook.* Descriptions of all variables from the Household Survey and their locations in the data files. Includes notes about cases that are known anomalies.

DRU-1195/5-NIA/NICHD: *The 1993 Indonesian Family Life Survey: Appendix D, Community-Facility Codebook*. Descriptions of all variables from the Community-Facility Survey and their locations in the data files. Includes notes about cases that are known anomalies.

DRU-1195/6-NIA/NICHD: *The 1993 Indonesian Family Life Survey: Appendix D, Users' Guide*. Descriptions of the IFLS file structure and data formats; guidelines for data use, with emphasis on working with the household, individual, and facility IDs and making links across different parts of the survey.

DRU-1195/7-NIA/NICHD: *Documentation for IFLS1-RR: Revised and Restructured Indonesia Family Life Survey Data, Wave 1.* Describes the re-released IFLS1 data.

Documentation for IFLS, Wave 2

DRU-2238/1-NIA/NICHD: *The Indonesia Family Life Survey (IFLS): Study Design and Results from Waves 1 and 2.* Purpose, design, fieldwork, and response rates for the survey, with an emphasis on wave 2; main results from both waves 1 and 2.

DRU-2238/2-NIA/NICHD: *Users Guide for the Indonesia Family Life Survey, Wave 2.* Descriptions of the IFLS file structure and data

formats; guidelines for data use, with emphasis on using the wave 2 and wave 1 data together.

DRU-2238/3-NIA/NICHD: *Household Survey Questionnaire for the Indonesia Family Life Survey, Wave 2.* English translation of the questionnaires used for the household and individual interviews. Includes interviewer's instructions.

DRU-2238/4-NIA/NICHD: *Community-Facility Survey Questionnaire for the Indonesia Family Life Survey, Wave 2.* English translation of the questionnaires used for interviews with community leaders and facility representatives. Includes interviewer's instructions.

DRU-2238/5-NIA/NICHD: *Household Survey Codebook for the Indonesia Family Life Survey, Wave 2.* Descriptions of all variables from the IFLS2 Household Survey and their locations in the data files.

DRU-2238/6-NIA/NICHD: *Community-Facility Survey Codebook for the Indonesia Family Life Survey, Wave 2.* Descriptions of all variables from the IFLS2 Community-Facility Survey and their locations in the data files.

DRU-2238/7-NIA/NICHD: *Crosswalk between the Survey Instruments for the Indonesia Family Life Survey, Waves 1 and 2*.

CONTENTS

TABLES

ACKNOWLEDGMENTS

1. INTRODUCTION

This document covers the revised and restructured version of the 1993 Indonesian Family Life Survey (IFLS1-RR or IFLS1 re-release) created to accompany the release of the 1997-98 Indonesian Family Life Survey (IFLS2). The major revisions consist of:

- incorporating the fixes outlined in the "fixes" files
- joining together subfiles with the same unit of observation that most users end up merging together anyway
- creating identifiers that use the same structure as the 1997 data to facilitate linking IFLS1-RR and IFLS2
- describing auxiliary files added since January 1996 public release of IFLS1
- revising the online PDF IFLS1 codebook files for minor typos previously listed on the IFLS Updates page

The restructured data is designed so that the existing IFLS1 codebooks can still be used. No variable names have been changed; only a few new variables have been added and those are discussed in this document. In the IFLS1 household data, file names are the same, except some no longer appear because those subfiles have been combined into a new file. In general the name for the new combined file reflects the name of the first subfile in the series of files that were joined. For example, BUK3TF1 and BUK3TF2 are merged together creating a new BUK3TF1 file. In the community/facility data, files with the same unit of observation in a given module have been combined which reduces the number of community/facility files substantially. The new combined files have new names; files that were not combined have the same names as always.

Note that all the IFLS1-RR data files are available as SAS transport files and as Version 6 Stata files. There are no ascii versions of the re-issued data. Data files on the RAND server are compressed using GZIP (.gz extension).

This document contains five sections in addition to this introduction, plus two appendices. The first section describes the

fixes applied to the IFLS1 data. The second section discusses the newly created files constructed by merging related existing IFLS1 subfiles. Additional new identifier variables for linking to IFLS2 data are covered in the third section while the fourth section presents a description of three auxiliary files added to the IFLS1 database. The final section provides a few guidelines for using IFLS1 data with IFLS2 data. Appendix A provides tables listing all the subfiles in the revised and restructured IFLS1-RR Household and Community/facility databases which notes variables included in each file, unit of observation and identifiers, and the number of records in each subfile. Appendix B contains tables that provide a mapping of IFLS1-RR subfiles to their IFLS2 counterparts.

Note that IFLS2 uses a slightly different file name structure than IFLS1-RR. Additionally IFLS2 contains module subsections that did not exist in the IFLS1 questionnaire, while other module subsections that appeared in the IFLS1 questionnaire were dropped. Within modules, some questions included in IFLS1 were not included in IFLS2, while IFLS2 included some questions that were not part of IFLS1. Generally, questions that are new to IFLS2 or that were modified relative to IFLS1 were given a name that is unique to IFLS2. Users should consult the codebooks and questionnaires from each wage of the survey, as well as the Crosswalk document (DRU-2237/7).

2. FIXES APPLIED TO IFLS1-RR DATA

The re-release of the 1993 Indonesian Family Life Survey data incorporates the corrections found in the various "*filename*.fix" files plus a few revisions based on comparisons to IFLS2 data. New variables were created to hold the original value of a variable corrected in these "fixes" files. Those "original value" variables end with an underscore: the original value of VAR is in VAR_. Records where VAR is not equal VAR_ are ones where a correction was made. In this way, no information is lost. Should users question a change, they have the original value to which they can turn.

One other minor revision was made to the BUKxCPx files. The Bahasa Indonesia text field called CPNOTEx has been dropped from those files.

INCORPORATION OF "FIXES" FILES CODE

The corrections applied were those from "fixes" code files that existed at the end of 1999. Any new corrections uncovered after that point in time will be subsequently incorporated into the IFLS1-RR data files. Users will be alerted to any changes so they can either download new files or can adjust their existing analytic files. Table 2.1 below lists the IFLS1 household survey files to which corrections were applied. Only two of the community/facility files had revisions to be applied: BUKIG01 and BKPKH01.

Table 2.1

IFLS1 Household Data Files with Fixes Applied

BOOK K	BOOK 1	BOOK 2	BOOK 3	BOOK 4	BOOK 5	BOOK CA
BUKKAR2	BUK1KR1	BUK2GE1	BUK3BA2	BUK4BR1	BUK5RJ1	BUKCCA2
BUKKAR3	BUK1KS3A	BUK2HR1	BUK3BA3	BUK4CH1	BUK5RN1	BUKCCA3
	BUK1KS3B	BUK2NT2	BUK3BA5	BUK4CX1	BUK5SE5	
	BUK1PP1	BUK2PH1	BUK3BA6	BUK4KL1		
		BUK2PH2	BUK3BA7A	BUK4KL2		
		BUK2UT2	BUK3BA8	BUK4KL3		
			BUK3DL1	BUK4KW2		
			BUK3DL3	BUK4SIV		
			BUK3HI1			
			BUK3MG2			
			BUK3MG3			
			BUK3RJ1			
			BUK3S3A			
			BUK3T2B			
			BUK3TF3			
			BUK3TF4			
			BUK3TK1			
			BUK3TK2			
			BUK3TK5			

REVISIONS ADDED BASED ON COMPARISONS TO 1997 IFLS2

There were a few instances where information collected as part of IFLS2 lead to revisions not previously in any "fixes" files. The main area affected was in facility identifiers. There were also a few EAs where the kabupaten or kecamatan code originally recorded in IFLS1 BUKKSC1 that were incorrect. Those EAs were : 23-25, 61-63, 92, 147, 252, 264-267, and 314. Note that BUKKSC1 provides the correct location information for the household. While the last migration record in BUK3MG2 should be the current residence, there are errors in the kabupaten and kecamatan codes for some people, so use BUKKSC1 for 1993 location information.

3. JOINING FILES OF RELATED INFORMATION WITH SAME UNIT OF OBSERVATION

The subfile nature of the IFLS1 data requires users to merge information from various subfiles to build an analysis file. In the re-issued IFLS1 data, we've tried to simply things for users by joining subfiles with related information and the same unit of observation. These are basic merges that most users end up doing for themselves, so it seemed like a logical thing for us to do.

One consequence of joining related files is that file size in terms of the number of bytes increases noticeably, thus the IFLS1-RR database is significantly larger in total number of bytes than the original database which had more subfiles.

IFLS1-RR HOUSEHOLD SUBFILES THAT HAVE BEEN COMBINED

Below we discuss the 12 revised data subfiles which now contain variables from related subfiles. Table 3.1 provides a quick reference for the files that were combined. Table A.1 in Appendix A provides the complete list of IFLS1-RR household data subfiles.

BUKCCA2: Anthropometry Roster (combines old BUKCCA2 and BUKCCA3)

The BUKCCA2 file in the IFLS1-RR database adds the variables from the original BUKCCA3 file to the original BUKCCA2 file. BUKCCA3 contains the height and weight measurements while BUKCCA2 has the individual characteristics. By joining these two files, the anthropometric data is on the same record as the personal characteristics information.

BUKKAR2: Household Roster (combines old BUKKAR2 and BUKKAR3)

The BUKKAR2 file in the IFLS1-RR database adds the variables from the original BUKKAR3 file to the original BUKKAR2 file. BUKKAR3 contains school information for household roster members aged 25 and under, and the primary activity of all household members during the past week. By joining these two files, all roster information is now in one file.

Table 3.1

New IFLS1-RR Household Subfiles Created by Combining Subfiles

New Subfile	Original Subfiles That Were Combined			Questions contained in New Subfile
BUKCCA2	BUKKCA2	BUKKCA3		CA01-CA15
BUKKAR2	BUKKAR2	BUKKAR3		AR01-AR22
BUK1KS1	BUK1KS1	BUK1KSA		KS01-KS03
BUK3TK2	BUK3TK2	BUK3T2B		TK18-TK27, monthly and yearly earnings
BUK3TK3	BUK3TK3	BUK3TK4		TK28-TK46
BUK3BA1	BUK3BA1	BUK3BA2		BA01-BA26
BUK3BA4	BUK3BA4	BUK3BA6		BA30A-BA30G, BA33B,BA34-BA51
BUK3BA8	BUK3BA8	BUK3BAA		BA63A-BA71, BA74-BA90
BUK3TF1	BUK3TF1	BUK3TF2		TF01-TF05
BUK3TF3	BUK3TF3	BUK3TF4		TF06-TF09
BUK4CH1	BUK4CH1	BUK4CH2	BUK4CH3	CH01-CH54
BUK4KL2	BUK4KL2	BUK4KL3		KAL, KAL1

NOTE: Appendix A presents the full list of subfiles in the IFLS1-RR Household data.

BUK1KS1: Household Consumption (combines old BUK1KS1 and BUK1KSA)

The BUK1KS1 file in the IFLS1-RR database adds the variables from the original BUK1KSA file to the original BUK1KS1 file. BUK1KSA contains the value of household production of the given consumption item, while BUK1KS1 has the value of those items purchased by the household. By joining these two files, all the information for the list of consumption items is in one file. For items that were only purchased and not home produced, the variable KS03, value of home production, will

be blank; for items that were only home produced, the variable KS02, purchase value, will be blank.

BUK3TK2: Current Jobs Information (combines old BUK3TK2 and BUK3T2B)

The original BUK3TK2 (primary job) and BUK3T2B (secondary job) subfiles had two records per person: one with earnings from the past month and one with annual earnings for the job. We first collapsed those two records into one, adding the annual earnings variables to the record with the past months earnings. After collapsing the original BUK3TK2 and BUK3T2B files to one record per person, we then joined the two files.

Note that new variable names exist for the past month earnings variables and for the annual earnings variables for the current primary job and for the secondary job. These variables names do not appear in the original IFLS1 Household codebook. The new variable names in the revised BUK3TK2 file are presented below in Table 3.2.

Table 3.2

New Variable Names for Earnings in Revised BUK3TK2

Primary Job			Secondary Job		
Old name	Past Month	Annual	Old name	Past Month	Annual
TK25A	TK25A_M	TK25A_Y	TK25B	T25B_M	T25B_Y
TK25A1	TK25A1_M	TK25A1_Y	TK25B1	T25B1_M	T25B1_Y
TK25R1	TK25R1_M	TK25R1_Y	TK25BR1	T25BR1_M	T25BR1_Y
TK25R2	TK25R2_M	TK25R2_Y	TK25BR2	T25BR2_M	T25BR2_Y
TK25R3	TK25R3_M	TK25R3_Y	TK25BR3	T25BR3_M	T25BR3_Y
TK25R4	TK25R4_M	TK25R4_Y	TK25BR4	T25BR4_M	T25BR4_Y
TK25R5	TK25R5_M	TK25R5_Y	TK25BR5	T25BR5_M	T25BR5_Y
TK25R6	TK25R6_M	TK25R6_Y	TK25BR6	T25BR6_M	T25BR6_Y
TK25R7	TK25R7_M	TK25R7_Y	TK25BR7	T25BR7_M	T25BR7_Y
TK26A1	TK26A1_M	TK26A1_Y	TK26B1	T26B1_M	T26B1_Y
TK26R1	TK26R1_M	TK26R1_Y	TK26BR1	T26BR1_M	T26BR1_Y

NOTE: Revised BUK3TK2 contains information originally in BUK3T2B.

BUK3TK3: Jobs in Last 5 Years Information (combines old BUK3TK3 and BUK3TK4)

The revised BUK3TK3 file now contains both primary job and secondary job histories for the last five years before the 1993

interview. The original BUK3TK3 file contained the primary job reported in each year and the original BUK3TK4 file contained the secondary job reported in each year. Thus, the revised BUK3TK3 file has variables TK28 to TK46 all on one person/year record. If a person did not have a secondary job in a given year, the variables TK38 to TK46 will be blank.

BUK3BA1: Parental Information (combines old BUK3BA1 and BUK3BA2)

The BUK3BA1 file in the IFLS1-RR database adds the variables from the original BUK3BA2 file to the original BUK3BA1 file. BUK3BA2 contains the detailed information collected on non-coresident and deceased parents, while BUK3BA1 contains the basic status of each parent of the respondent. By joining these two files, all the information on non-coresident and deceased parents is in one file. For respondents who have both parents alive and living with them, most of the variables in the revised BUK3BA1 subfile will be blank.

Recall that not all Book 3 respondents were administered Section BA. Only the household head, the spouse of the household head, the selected senior, and the spouse of the selected senior were asked Section BA. The old BUK3BA2 file included blank records for those who were not given Section BA. Those records have been dropped and are not included in the new BUK3BA1 file.

BUK3BA4: Non-coresident Sibling Information (combines old BUK3BA4 and BUK3BA6)

The BUK3BA4 file in the IFLS1-RR database adds the variables from the original BUK3BA6 file to the original BUK3BA4 file. BUK3BA6 contains the detailed information collected on selected non-coresident siblings, while BUK3BA4 contains a roster of all non-coresident siblings. By joining these two files, all the information on non-coresident siblings is in one file. For respondents who had more than four non-coresident siblings listed, siblings in the full roster who were not selected for detailed information will have blank values in variables BA34 to BA51.

The file BUK3BA5 is a summary count of siblings taken from the full non-coresident sibling roster listed in the original version of the BUK3BA4 file.

BUK3BA8: Non-coresident Children Information (combines old BUK3BA8 and BUK3BAA)

The BUK3BA8 file in the IFLS1-RR database adds the variables from the original BUK3BAA file to the original BUK3BA8 file. BUK3BAA contains the detailed information collected on selected non-coresident children of the respondent, while BUK3BA8 contains a roster of all non-coresident children of the respondent. By joining these two files, all the information on non-coresident children is in one file. For respondents who had more than four non-coresident children listed, children in the full roster who were not selected for detailed information will have blank values in variables BA74 to BA90.

The file BUK3BA9 is a summary count of children taken from the full non-coresident children roster listed in the original version of the BUK3BA8 file.

BUK3TF1: Transfers To/From Parents, Sibling, Children (combines old BUK3TF1 and BUK3TF2)

The BUK3TF1 file in the IFLS1-RR database adds the variables from the original BUK3TF2 file to the original BUK3TF1 file. BUK3TF2 contains data on transfers from the respondent's household to non-coresident parents, siblings and children that were not mentioned in section BA; BUK3TF1 contains data on transfers into the respondent's household from those sources. By joining these two files, all the information not collected in section BA on transfers into and out of the household by the respondent's non-coresident parents, siblings and children is now in one file.

BUK3TF3: Transfers To/From Other Relatives, Institutions (combines old BUK3TF3 and BUK3TF4)

The BUK3TF3 file in the IFLS1-RR database adds the variables from the original BUK3TF4 file to the original BUK3TF3 file. BUK3TF4 contains data on transfers from the respondent's household to other relatives, institutions, etc. ; BUK3TF3 contains data on transfers into the respondent's household from those sources. By joining these two files, all the information on transfers into and out of the household tied to other relatives, institutions and other sources is now in one file.

BUK4CH1: Pregnancy/Birth History (combines old BUK4CH1, BUK4CH2 and BUK4CH3)

The BUK4CH1 file in the IFLS1-RR database adds the variables from the original BUK4CH2 and BUK4CH3 files to the original BUK4CH1 file. BUK4CH2 contains detailed data on all pregnancies and births; BUK4CH3 contains data collected only on births in the last three years before the 1993 interview; and BUK4CH1 is the pregnancy roster with dates and outcomes. By joining these three files, all the information collected about pregnancies and births in section CH of Book 4 is now in one file. Non-live births will have blank values in most variables as limited information was collected on such pregnancies. Live births that occurred more than 3 years before the 1993 interview will have blank values for variables CH42 to CH54.

BUK4KL2: Contraceptive Calendar (combines old BUK4KL2 and BUK4KL3

The BUK4KL2 file in the IFLS1-RR database adds the variables from the original BUK4KL3 file to the original BUK4KL2 file. The original BUK4KL3 contained the contraceptive calendar data for the period January 1989 to February 1994, while the original BUK4KL2 contained January 1984 to December 1988 portion of the calendar. By joining these two files, all the contraceptive calendar information is in one file. The variable KAL has the 1984-1988 response string for each event; the variable KAL1 has the 1989-1994 string for the event. Note that event types 7, 8 and 9 were only collected for the 1989-1994 period, so KAL will be blank for those event types.

IFLS1-RR COMMUNITY/FACILITY SUBFILES THAT HAVE BEEN COMBINED

Below we discuss the 11 revised Community/facility (CF) data subfiles which now contain variables from related subfiles. The community/facility data structure in IFLS2 combines all records of a given type in the same file. Thus, for questionnaire books that relate to communities, or enumeration areas (EA), only, there is one data subfile with all information collected as one record per EA; data collected in a grid format that produces multiple records per EA are kept in separate data subfiles. The same approach was used for facilities as well.

The IFLS1-RR community/facility data follows this same general structure. All data subfiles for the community or for the given facility with the same unit of observation have been merged together into one file. This significantly reduces the number of IFLS1-RR community/facility data subfiles.

The IFLS1-RR community/facility files are listed in bold-face below. Files ending in _CF are the new community- or facility-level files with all community-/facility-level data in one file. The subfiles combined to form the new _CF file are listed under the _CF subfile.

Table A.2 in Appendix A lists the full set of IFLS1-RR community/facility data subfiles, including number of records, unit of observation, and content.

BOOK I: Village Head data

The new file structure for Book I in the IFLS1 revised CF data is as follows:

BUKI_CF: this new community-level file contains all the variables from the following original IFLS-CF Book I files:

BUKILK1	Control Sheet for Book I
BUKIA01B	Transportation (BA6-BA10)
BUKIC01	Water Sources and Sanitation (BC1-BC21)
BUKID01	Agriculture and Industry (BD1-BD10)
BUKID02A	Agriculture and Industry (BD11-BD13)
BUKID03	Agriculture and Industry: wages (BD19-BD27)
BUKIE02A	Climate (BE7-BE9)
BUKIF01	Migration (BF1-BF8)
BUKIJ02	History of Health Facilities (BJ9-BJ25)

The following multiple-record per community data files remain the same:

BUKIA01A:	Transportation to nearest item (BA0-BA5)
BUKIB01:	Availability of Electricity by Provider (BB1-BB7)
BUKID02B:	Agriculture and Industry: programs (BD14-BD18)
BUKID04:	Agriculture and Industry: factories (BD28-BD31)
BUKID05:	Agriculture and Industry: cottage industry (BD28-BD37)
BUKIE01:	Record of Village Name Changes (BE1-BE6)
BUKIE02B:	Important Events in the Village (BE10-BE11)
BUKIG01:	Credit (BG1-BG7)
BUKII01:	History of School Existence (BI1-BI10)
BUKII02:	History of School Types (BI11-BI16)
BUKIJ01:	History of Health Facilities (BJ1-BJ8)
BUKIK01:	Identity of Respondents (BK1-BK8)

BOOK II: Village Statistical data

The new file structure for Book II in the IFLS1 revised CF data is as follows:

BKII_CF: this new community-level file contains all the variables from the following original IFLS-CF Book II files:

    BKIILK1   Control Sheet for Book II
    BKIIS01   Land Use (CS1-CS9)
    BKIIS02   Employment and Housing Conditions (CS10-CS18)
    BKIIOL1   Direct Observation: (OL1-OL25)

BOOK PKK: Village Women's Group data

The new file structure for Book PKK in the IFLS1 revised CF data is as follows:

BUKP_CF: this new community-level file contains all the variables from the following original IFLS-CF Book PKK files:

    BUKPLK1   Control Sheet for Book PKK
    BUKPJ02   History of Health Facilities (DJ9-DJ25)
   The following multiple-record per community data files remain the same:

BUKPI01:   History of School Existence (DI1-DI10)
BUKPI02:   History of School Types (DI11-DI16)
BUKPJ01:   History of Health Facilities (DJ1-DJ8)
BUKPH01:   Availability of Food Stuffs (DH1-DH3)

BOOK PUSKESMAS: Puskesmas data

The new file structure for Book PUSKESMAS in the IFLS1 revised CF data is as follows:

BKPS_CF: this new puskesmas-level file contains all the variables from the following original IFLS-CF PUSKESMAS files:

    BKPSLK1   Control Sheet (JLK01-JLK14)
    BKPSA02   Head of Puskesmas--Part 2 (EA23-EA24)
    BKPSA03   Head of Puskesmas--Part 3 (EA25-EA26)
    BKPSB01   Development of Puskesmas--Part 1 (EB1-EB4)
    BKPSB02   Development of Puskesmas--Part 2 (EB6-EB20)
    BKPSC01A   Activities of Puskesmas--Part 1A (EC2-EC4)
    BKPSC01C   Activities of Puskesmas--Part 1C (EC11-EC13)
    BKPSC02   Activities of Puskesmas--Part 2 (EC35-EC38)
    BKPSD01   Puskesmas Employees--Gov't Employees (ED1-ED5)
    BKPSD02   Puskesmas Employees--Other Employees (ED7-ED8)
    BKPSE01   Health Instruments--Part 1 (EE1-EE4)
    BKPSE02   Health Instruments--Part 2 (EE6-EE7)

```
BKPSF01A    Direct Observation--Part 1A (Rooms) (EF1-EF23)
BKPSF02     Direct Observation--Part 2 (EF30-EF45)
BKPSG01A    KB Service Unit--Part A (EG1-EG2)
BKPSG01C    KB Service Unit--Part C (EG12-EG15)
BKPSG02     Presence of Hypothetical Cases (EGKH1-EGKK)
BKPSH01     KB--IUD Case (EH1-EH7)
BKPSH02     KB--Pill Case (EH8-EH14)
BKPSI01     Pregnancy Examination (EI1-EI16)
BKPSJ01     Cough and Fever Cases (EJ1-EJ5)
BKPSK01     Vomiting and Diarrhea Case
```

The following multiple-record per puskesmas data files remain the same:

BKPSA01:   Head of Puskesmas--Part 1 (EA1-EA21)
BKPSC01B: Activities of Puskesmas--Part 1B (EC6-EC9)
BKPSD03:   Puskesmas Employees--Employee List (ED9-ED14)
BKPSF01B: Direct Observation--Part 1B (Pharmacy) (EF25-EF29)
BKPSG01B: KB Service Unit--Part B (EG3-EG10)

BOOK DR/CLINIC: Village Doctor/Clinic data

The new file structure for Book DR/CLINIC in the IFLS1 revised CF data is as follows:

BUKD_CF: this new provider-level file contains all the variables from the following original IFLS-CF Doctor/Clinic files:

```
BUKDLK1     Control Sheet (FLK1-FLK19)
BUKDA01     General--Part 1 (FA1-FA16)
BUKDA02     General--Part 2 (FA17-FA22)
BUKDB03     Practice Activities (FB10-FB20)
BUKDC01     Health Instruments--Part 1 (FC1-FC3)
BUKDC02     Health Instruments--Part 2 (FC5-FC6)
BUKDD01B    Stocks of Medicines (FD10-FD11)
BUKDE01     Direct Observation--Part 1 (FE1-FE18)
BUKDE02     Direct Observation--Part 2 (FE19-FE21)
BUKDF01     Special FP Services (FF1-FF9)
BUKDF02     Case illustrations done
BUKDG01     FP--IUD Case (FG1-FG7)
BUKDG02     FP--Pill Case (FG8-FG14)
BUKDH01     Pregnancy Examination (FH1-FH16)
BUKDI01     Cough and Fever Cases (FI1-FI7)
BUKDJ01     Vomiting and Diarrhea Case (FJ1-FJ8)
```

The following multiple-record per puskesmas data files remain the same:

BUKDB01:   Practice Activities--Hours of Operation (FB2-FB3)
BUKDB02:   Practice Activities--Services (FB5-FB8)
BUKDD01A: Stocks of Medicines (FD1-FD9)

BOOK NURSE/MIDWIFE/PARAMEDIC: Nurse/Midwife/Paramedic data

The new file structure for Book Nurse/Midwife/Paramedic in the IFLS1 revised CF data is as follows:

BKBD_CF: this new provider-level file contains all the variables from the following original IFLS-CF Nurse/Midwife files:

```
BKBDLK1      Control Sheet (GLK1-GLK19)
BKBDA01      General--Part 1 (GA1-GA19)
BKBDA02      General--Part 2 (GA20-GA25)
BKBDB03      Practice Activities (GB10-GB20)
BKBDC01      Health Instruments--Part 1 (GC1-GC3)
BKBDC02      Health Instruments--Part 2 (GC5-GC6)
BKBDD01B     Stocks of Medicines (GD10-GD11)
BKBDE01      Direct Observation--Part 1 (GE1-GE18)
BKBDE02      Direct Observation--Vaccines (GE19-GE21)
BKBDF01      Special FP Services (GF1-GF9)
BKBDF02      Case illustrations done
BKBDG01      FP--IUD Case (GG1-GG7)
BKBDG02      FP--Pill Case (GG8-GG14)
BKBDH01      Pregnancy Examination (GH1-GH16)
BKBDI01      Cough and Fever Cases (GI1-GI7)
BKBDJ01      Vomiting and Diarrhea Case (GJ1-GJ8)
```

The following multiple-record per puskesmas data files remain the same:

```
BKBDB01:    Practice Activities--Hours of Operation (GB2-GB3)
BKBDB02:    Practice Activities--Services (GB5-GB8)
BKBDD01A:   Stocks of Medicines (GD1-GD9)
```

BOOK POSYANDU: Posyandu data

The new file structure for Book Posyandu in the IFLS1 revised CF data is as follows:

BKPPK_CF: this new posyandu-level file contains all the variables from the following original IFLS-CF Posyandu files:

```
BKPPKLK1     Control Sheet
BKPPKA01     General (IA1-IA13)
BKPPKB01     Services (IB1-IB10)
BKPPKC02     Manpower--Part 2 (IC5-IC8)
```

The following multiple-record per posyandu data files remain the same:

```
BKPPKC01:    Manpower--Part 1
BKPPKD01:    Health Instruments (ID1-ID5)
BKPPKH01:    Availability of Food Stuffs (IH1-IH3)
```

BOOK TRAD HEALER: Traditional Healer data

The new file structure for Book TRAD HEALER in the IFLS1 revised CF data is as follows:

> **BKPTR_CF**: this new healer-level file contains all the variables from the following original IFLS-CF Traditional Healer files:
>
> BKPTRLK1   Control Sheet (HLK1-HLK18)
> BKPTRA01   General (HA1-HA15)
> BKPTRB01   Practice Activities--Part 1 (HB2-HB5)
> BKPTRB02   Practice Activities--Part 2 (HB6-HB24)
> BKPTRC01   Traditional Midwife (HC1-HC14)

BOOK PRIMARY: Primary School data

The new file structure for Book PRIMARY in the IFLS1 revised CF data is as follows:

> **BUKS_CF**: this new school-level file contains all the variables from the following original IFLS-CF primary school files:
>
> BUKSLK1   Control Sheet (JLK01-JLK14)
> BUKSA01   School Principal 9JA1-JA15, J01-J04)
> BUKSB01   School--Part 1 (JB1-JB14)
> BUKSB02   School--Part 2 (JB15-JB24)
> BUKSD01   Direct Observation in Grade VI (JD1-JD14)
> BUKSE01A   School Statistics 1992-1993--Part 1A (JE1)
> BUKSF01   School Revenue (JF2)

The following multiple-record per primary school data files remain the same:

> **BUKSC01:**   Teacher (JC1-JC26, JOB1-JOB4)
> **BUKSE01B:**   School Statistics 1992-1993--Part 1B (JE2)
> **BUKSE02:**   EBTANAS Scores (JE1-JE5)

BOOK JRH: Junior High School data

The new file structure for Book JRH in the IFLS1 revised CF data is as follows:

> **BKSP_CF**: this new school-level file contains all the variables from the original IFLS-CF junior high school files:
>
> BKSPLK1   Control Sheet (KLK01-KLK14)
> BKSPA01   School Principal (KA1-KA15, K01-K04)
> BKSPB01   School--Part 1 (KB1-KB14)
> BKSPB02   School--Part 2 (KB15-KB24)
> BKSPD01   Direct Observation in Grade III (KD1-KD14)
> BKSPE01A   School Statistics 1992-1993--Part 1A (KE1)
> BKSPF01   School Revenue (KF2)

The following multiple-record per junior high school data files remain the same:

BKSPC01: Teacher (KC1-KC26, KOB1-KOB4)
BKSPE01B: School Statistics 1992-1993--Part 1B (KE2)
BKSPE02: EBTANAS Scores (KE1-KE5)

BOOK SRH: Senior High School data

The new file structure for Book SRH in the IFLS1 revised CF data is as follows:

BKSA_CF: this new school-level file contains all the variables from the following original IFLS-CF high school files:

BKSALK1   Control Sheet (LLK01-LLK14)
BKSAA01   School Principal (LA1-LA15, L01-L04)
BKSAB01   School--Part 1 (LB1-LB14)
BKSAB02   School--Part 2 (LB15-LB24)
BKSAD01   Direct Observation in Grade III (LD1-LD14)
BKSAE01A   School Statistics 1992-1993--Part 1A (LE1)
BKSAF01   School Revenue (LF2)

The following multiple-record per high school data files remain the same:

BKSAC01: Teacher (LC1-LC26, LOB1-LOB4)
BKSAE01B: School Statistics 1992-1993--Part 1B (LE2)
BKSAE02: EBTANAS Scores (LE1-LE5)

4. ADDITION OF IDENTIFIERS TO EASE LINKING WITH IFLS2

Five new identifiers appear in the revised IFLS1 database which help facilitate linking IFLS1-RR data to IFLS2 data. The five are: HHID93, PID93, PIDLINK, COMMID93, and FCODE. Note that two additional variables in the IFLS1-RR data, HHID and PID, are just renamed versions of CASE and PERSON, the original IFLS1 household and person identifiers. Because these are the same as CASE and PERSON, they are not addressed below.

HHID93: HOUSEHOLD IDENTIFIER

The structure of the 1997 IFLS2 household identifier (HHID97) is a bit different from that used in 1993. The 1993 household identifier (CASE) was a 9-digit number that consisted of a 2-digit province code followed by a 2-digit kabupaten code, followed by the 3-digit enumeration area (EA) code, and the last 2 digits contained the household number within the EA. The 1997 household identifier structure is only 7 digits: the EA code followed by the 1993 household number within the EA and a two-digit code identifying whether the household is the original 1993 household or a new household in 1997. In order to facilitate matching households in 1997 to their origin household in 1993, an new 1993 household identifier (HHID93) was created to match the structure of the 1997 household identifier.

HHID93 is the last 5 digits of CASE with two zeros added at the end. In the 1997 household id structure, the suffix "00" on HHID97 indicates that the household is the 1993 origin household. Households that split off by the 1997 IFLS2 interview from the 1993 original household have HHID97 suffixes of "11", "12", and "13". The "1" means new split-off household in 1997 and the trailing "1", "2", and "3" mean first, second and third household that split off from the original household. HHID93 is a character variable.

PID93: 1993 HOUSEHOLD ROSTER NUMBER OF PERSON

The person number from the household roster in the IFLS2 data called PID97, while in the IFLS1 data the variable PERSON contains the

roster number of the IFLS1 individual. A variable called PID93 was
created to follow the IFLS2 naming convention. PID93 is the same as
PERSON in the IFLS1 revised database. PID93 is a numeric variable.

PIDLINK: UNIQUE PERSON IDENTIFIER

The key linkage between IFLS1 and IFLS2 is that between persons who
appear in both surveys. To facilitate that linkage, a unique person
identifier variable was created called PIDLINK. PIDLINK consists of the
7-digit household id for the household in which the person first
appeared followed by the roster number of the person from that
household's roster. In the revised IFLS1 database, then, PIDLINK is
HHID93 with PID93 tacked on the end. For people who appear for the first
time in the 1997 IFLS2 survey, PIDLINK is created from HHID97 and PID97.
PIDLINK is a character variable that will never change across surveys
for the same individual. Thus to link 1993 information on an individual
to 1997 information for that individual, users would match records by
using PIDLINK. See the section on using IFLS1 and IFLS2 together in the
IFSL2 Users Guide for some special notes on PIDLINK in the IFLS2
household rosters (where some PIDLINKs appear in more than one household
roster).

Note that PIDLINK was not created for the file BUKKPSK because
PS00, the person identifier in that file, does not always contain the
true household roster line number of the individual listed, as has long
been noted in the codebook.

COMMID93: NON-EA-BASED COMMUNITY IDENTIFIER

In IFLS1 communities are defined by the variable EA whose 3-digits
also appear in the IFLS1 household identifier, which in turn allows
users to link households and communities in the IFLS-CF data. However,
due to migration between IFLS1 and IFLS2, the link no longer exists
between EA and the household identifier in terms of identifying the
community in which a household lives. Thus, a new community identifier
was generated that does not use EA. In IFLS1-RR this 4-digit identifier
is called COMMID93. In IFLS2 data, the identifier is called COMMID97.
When COMMID93 equals COMMID97, it indicates the geographical area being
referred to in each round of the survey is the same.

There are 312 communities with a unique COMMID93. The 9 "twin" EAs in IFLS1 that were in the same village/municipality as another EA are now given the same COMMID93 value as their sister EA in the village/municipality. The EA pairings that have the same value of COMMID93 are: 75-76, 80-81, 82-83, 103-104, 139-140, 188-189, 198-199, 204-205, and 212-213.

Note that the COMMWT and SAMPLFP1 files were based on the original 321 EAs. COMMID93 has been added to the these files and thus there are duplicate values of COMMID93 for those 9-pairs of "twin" EAs. The full set of 321 EAs were left in the COMMWT and SAMPLFP1 files for those who might be working at the EA level as opposed to the COMMID93 level.

The COMMID93 variable has been added to all IFLS1 household and community/facility files. COMMID93 is a character variable.

A crosswalk file (commid93.txt) and a SAS format file (commid93.fmt) are available to enable those with existing analysis files constructed from the original IFLS1 data to add COMMID93 to those analysis files. The crosswalk files are discussed in the IFLS2 User's Guide.

FCODE: FACILITY CODE

In the original IFLS1 data, facilities were identified by a seven digit character variable FACCODE. In the IFLS2 data, facilities are identified by a different 7-digit character variable called FCODE. While the length of the variables is the same, the values of the variables are not. FCODE has been added to the IFLS1-RR data.

FCODE is the replacement for FACCODE and is the appropriate variable for identifying specific facilities in IFLS1. FCODE includes adjustments made for multiple identifiers for the same facility which are not reflected in FACCODE. Please use FCODE to identify specific facilities in the IFLS1-RR household and community/facility data.

In creating FCODE in the 1993 data, because the scheme is a bit different from FACCODE, some duplicate values of FCODE were created from different FACCODE values. We have tried to adjust for all such duplicates. Some FCODE values end in an 'X' or a 'Y' to deal with this

issue. We have checked that none of these recoded facilities appeared in IFLS2 under a different FCODE.

As with the original FACCODE, FCODE contains an indicator for the type of facility. In FCODE, the fifth digit (as opposed to the fourth in FACCODE) identifies the type of facility:

        1:   Government Health Center (Puskesmas)
        2:   Private Doctor/Clinic
        3:   Nurse/Midwife/Paramedic
        4:   Community Health and Family Planning Post (Posyandu)
        5:   Traditional Healer
        6:   Primary School
        7:   Junior Secondary School
        8:   Senior Secondary School

FCODE appears in all the community/facility files in which facilities are mentioned. There are also a few IFLS1-RR household survey data files where FCODE appears. These are files where respondents uniquely identified the specific facilities that they knew about or used were collected. Those IFLS1-RR household files are:

        BOOK K: BUKKAR2
        BOOK 1: BUK1PP1
        BOOK 3: BUK3DL2, BUK3RJ2, BUK3RN2
        BOOK 4: BUK4CX1, BUK4KL4B (has three facility code variables:
                                  FCODE1, FCODE4 and FCODE6)
        BOOK 5: BUK5DL1, BUK5RJ2, BUK5RN2

Crosswalk files exist for converting FACCODE to FCODE that can be used by those with existing analysis files based on the original IFLS1. These are discussed in the IFLS2 User's Guide. Five different types of files are provided:

        facxwalk.xpt: SAS transport file
        facxwalk.dta: Stata version 6 file
        facxwalk.txt: Text file
        facxwalk.fmt: SAS format
        facxwalk.ssd01: Unix SAS file

5. AUXILIARY FILES ADDED TO IFLS1-RR DATABASE

This section describes three auxiliary files. Those files are:

BA_CHKID: contains links between living non-coresident children in Section BA of IFLS1 Book 3 and the birth record for those children in Section CH of Book 4. Only applies to non-coresident children of female Book 3 respondent who was administered Book 4.

PRICEIDX: contains 1993 urban and rural food price indices for each Indonesian province plus the national average obtained from a World Bank publication.

EXPEND2: contains estimates of household expenditures created by a project using IFLS1 Book 1 household data. This file is not supported and is made available as a courtesy by the project that originally created it several years ago.

Each data set is available as a SAS transport file and a Stata Version 6 file. The BA_CHKID and EXPEND2 files include the new identifiers added to facilitate linking to the IFLS2 that were described in the previous section.

BA_CHKID: CROSSWALK BETWEEN CHILDREN IN BOOK 3 SECTION BA AND BOOK 4 SECTION CH

The BA_CHKID file has 1,730 records representing living non-coresident children from Section BA of Book 3 (file BUK3BA8) that belong to 974 Book 3 respondents who were also Book 4 respondents. Note that assignments of CH05 from BUK4CH1 could not be made to all living non-coresident children of Book 4 respondents listed in BUK3BA8.

Table 5.1

Contents of BA_CHKID Data File

Variable	Type/length	Description
CASE	Numeric 9	Original IFLS1 household identifier
PERSON	Numeric 2	Line number from IFLS1 roster of mother of child (Book 3 respondent who is also Book 4 respondent)
BA63A	Numeric 2	Line number of living non-coresident child in BUK3BA8
CH05	Numeric 2	Line number of child in BUK4CH1
PRGID	Numeric 2	Pregnancy record number for child
HHID	Character 9	Same as CASE above
PID	Numeric 2	Same as PERSON above
HHID93	Character 7	IFLS1 household identifier revamped for linkage to IFLS2
PID93	Character 2	Same as PERSON above
PIDLINK	Character 9	Unique identifier for respondent for linkage to IFLS2 (refers to individual defined by CASE PERSON combination)
COMMID93	Character 4	Community identifier to match to IFLS2

PRICEIDX: 1993 FOOD PRICE INDICES

The PRICEIDX files contains 1993 urban and rural food price indices for each of the 26 provinces in Indonesia plus a national average.

The variables in the PRICEIDX file are:

Table 5.2

Contents of PRICEIDX Data File

Variable	Type/length	Description
PROVCODE	Numeric 2	Province code (0=national average)
PROVNAME	Character 19	Name of province
RURCPI	Numeric 6.4	Rural food price index (Jakarta=1.0)
URBCPI	Numeric 6.4	Urban food price index (Jakarta=1.0)

NOTE: These are relative price indices. Provinces with higher prices than Jakarta have CPI values over 1; those with lower prices have values less than 1.

EXPEND2: HOUSEHOLD EXPENDITURE FILE

The non-supported EXPEND2 file has one record for each of the 7,216 households that answered Book 1 which contained the expenditure

questions. Note that in these data, if a household said they purchased an item but did not report a value for the purchase, the missing value was replaced by an EA median based on household size if one existed otherwise a Kabupaten median based on household size was used.

Modest documentation exists which is presented in Appendix C of this document. The programs that generated the data are also available in a zip archive called EXPPGMS.ZIP. These items may be of help in assessing whether the expenditure measures created are of interest to users.

The variables in the EXPEND2 file are:

Table 5.3

Contents of EXPEND2 Data File

Variable	Type/length	Description
CASE	Numeric 9	Original IFLS1 household identifier
PROVNAME	Character 19	Province name
SC01	Numeric 2	Province code (See SC01 in BUKKSC1)
SC02	Numeric 2	Kabupaten code (See SC02 in BUKKSC1)
SC05	Numeric 2	Urban/rural code (See SC05 in BUKKSC1)
SC07	Numeric 3	EA code (See SC07 in BUKKSC1)
HHSIZE	Numeric 2	Household size
HHWT224	Numeric 11.8	Household weight (See HHLDWT file)
HHWT	Numeric 9.2	HHWT224*100000
FOODTOT	Numeric 10.2	Total monthly food items + transfers
NFDAMT	Numeric 11.2	Total monthly nonfood expenses
EXPEND	Numeric 11.2	Nominal monthly household expenditures
EXPENDPC	Numeric 10.2	Nominal monthly per capita expenditures
EXPEND_R	Numeric 11.2	Real monthly household expenditures
EXPPC_R	Numeric 10.2	Real monthly per capita expenditures
EXPCAT	Numeric 1	Nominal monthly expenditure quintiles (1=bottom quintile, 5=top quintile)
EXPCAT_R	Numeric 1	Real monthly expenditure quintiles
EXPCATRW	Numeric 1	Weighted real monthly expenditure quintiles
PRICEIDX	Numeric 6.4	Food Price index (relative to Jakarta)
HHID	Character 9	Same as CASE above
HHID93	Character 7	IFLS1 household identifier revamped for linkage to IFLS2
COMMID93	Character 4	Community identifier to match to IFLS2

NOTE: Expenditure measures are in rupiah.

6. USING IFLS1 DATA WITH IFLS2 DATA

This section, which parallels a similar section in the IFLS2 User's Guide[1], provides a quick reference on working with IFLS1 and IFLS2 data together. Some of the items below have been touched on in earlier sections of this current document but are repeated here for easy reference. The main focus of this section is on linking data between IFLS1 and IFLS2. Because current IFLS1 users may already have analysis files to which they want to add IFLS2 data, we discuss linking the original IFLS1 data to IFLS2 as well as the re-released IFLS1-RR data to IFLS2. This section will also quickly touch on linking IFLS1-RR data to original IFLS1 data for situations where users with existing IFLS1 analysis files may want to add data from the IFLS1-RR files.

LINKING IFLS1 DATA AND IFLS2 DATA

The IFLS1-RR data includes household and person identifiers that facilitate the link to IFLS2 data, while those with original IFLS1 analysis files will need to create such identifiers. The key household and person identifiers are HHID93 and PIDLINK. The IFLS1-RR also contains facility codes and community codes that map to those used in IFLS2. Crosswalks between original IFLS1 codes (FACCODE and EA) and IFLS2 (FCODE and COMMID93) are provided for those with original IFLS1 analysis files.

Note that because variable names in IFLS1 and IFLS2 were based on question numbers, many IFLS2 variables have the same names as IFLS1 (and thus IFLS1-RR) variables. Therefore, when linking data between the two surveys, users must change variable names in one of the files. For example, if IFLS2 information is being added to IFLS1 data, users will need to rename the IFLS2 variables being added to distinguish them from their IFLS1 counterparts.

_____

[1]DRU-2238/2-NIA/NICHD, *Users Guide for the Indonesia Family Life Survey, Wave 2*. Please read this document when working with IFLS2 data as it provides much greater detail than this subsection.

In general, the goal in IFLS2 was to keep question numbers, and thus variables names, the same as those in IFLS1 for identical questions. However, there are instances where question wording and/or the list of possible codes were improved for IFLS2. Volume 7 of the IFLS2 documentation (DRU-2238/7) provides a crosswalk between the IFLS1 and IFLS2 survey instruments. Users should be sure to consult that document when working with IFLS1 and IFLS2 data together.

Linking Households

IFLS1-RR household survey subfiles contain the variable HHID93, a 7-character identifier created from the original IFLS1 household identifier called CASE. Those with original IFLS1 analysis files can create HHID93 by taking the dropping the first four digits of CASE and adding "00" at the end. Sample SAS and Stata code for creating HHID93 from CASE are given below.

SAS Code:

```
HHID93 =compress(substr(put(case,z9.),5,5)||"00");
```

STATA Code:

```
gen str7  HHID93=string((mod(case,100000) * 100),"%07.0f")
```

HHID93 corresponds to HHID97 in the IFLS2 household subfiles. Origin households in IFLS2 will have an HHID97 value that matches HHID93 for that household. The HHID97 for split-off households will not match to any HHID93 value in the IFLS1 data. To link origin households, just set HHID97=HHID93 in the IFLS1 data and merge on IFLS2 data by HHID97. Note that not all origin households in IFLS1 will have a match in IFLS2 due to attrition.

In some cases, users may want to add IFLS1 household information to the split-off households or to original 1993 household members in those split-off households. Note that the first 5 digits of HHID97 point to the 1993 origin household. To add 1993 origin household data to related households in IFLS2, use the first 5 digits of HHID93 to link to the first 5 digits of HHID97. To link 1993 original household data to a 1993 household member found in IFLS2, use the first 7 digits of PIDLINK (described below) in IFLS2 to match to HHID93 in IFLS1.

The IFLS2 file called HTRACK lists all households from the 1993
IFLS1 survey and provides information on whether those households were
found in 1997. Users will find this file quite helpful in tracking
original 1993 households between the IFLS1-RR and IFLS2 data.

Linking Individuals

The variable PIDLINK was created to uniquely identify individuals
across waves of the Indonesian Family Life Survey. As described above
in Section 4, PIDLINK is created from HHID93 and PERSON (also called
PID93 in IFLS1-RR) for those present in the 1993 household roster.
Individuals who appear for the first time in IFLS2 have PIDLINK created
from HHID97 and PID97. Those with original IFLS1 analysis files can
create PIDLINK from HHID93 and PERSON with the following sample code:

SAS Code: PIDLINK=hhid93 || put(person,z2.));

STATA Code: gen str9 PIDLINK=hhid93+string(pid93,"%02.0f")

Use PIDLINK alone to link individual-level information across IFLS1
and IFLS2. Do not use a household identifier in conjunction with
PIDLINK. PIDLINK will link a 1993 roster member to his/her IFLS2 data
regardless of whether that member is still in the origin household or is
in a split-off household as of 1997. Note that not all PIDLINK in IFLS1
will have a match in IFLS2 due to attrition. Likewise there are people
in IFLS2 who were not in the 1993 household roster and thus will not
have a PIDLINK that matches to any in IFLS1 data.

In the IFLS1-RR data, PIDLINK is found in the roster data
(BUKKAR2), the anthropometry roster (BUKCCA2) and on all Book 3, 4 and 5
subfiles. There are a few other IFLS1 subfiles which contain
information about specific individuals in the 1993 household (e.g.,
BUK2PH1). A PIDLINK-type variable has not been created for those cases.
Users who want to link that information to the individual's IFLS2 data
will need to create a PIDLINK-type variable themselves following the
guidelines above.

The IFLS2 file PTRACK lists all individuals from the 1993 IFLS1
household roster and provides information on whether those individuals
were found in 1997. Users will find this file quite helpful in tracking

original members of the 1993 households between the IFLS1-RR and IFLS2
data.

Linking Facilities

The facility identifier structure changed between IFLS1 and IFLS2
as noted in Section 4 above. FACCODE uniquely identified facilities in
both the IFLS1 household and community/facility data; FCODE serves that
purpose in IFLS2 and IFLS1-RR. FCODE has been added to all relevant
IFLS1-RR files to enable linking of facilities across waves of the IFLS.
Users with original IFLS1 analysis files that contain FACCODE can use
the crosswalk provided to easily create FCODE. The crosswalk files are
described in Section 4 above and are also discussed in the IFLS2 User's
Guide (DRU-2238/2)

Note that IFLS2 did not explicitly seek to find and reinterview
facilities interviewed in 1993. Some facilities were reinterviewed as
part of the IFLS2 community/facility survey, others were not. Thus the
match between facilities in the IFLS1 community/facility data and those
in IFLS2 is far from one-to-one. Posyandus from IFLS1, because they are
highly mobile in nature and thus cannot be easily viewed as "fixed"
institutions such as a Puskesmas or a clinic, do not match to any of the
posyandus interviewed in IFLS2. Unlike in IFLS1, traditional healers
were not interviewed as part of the private practice set of providers in
IFLS2, and thus there are no matches for them to IFLS2 data.

The IFLS2 Service Availability Roster (SAR) started as a selected
set of IFLS1 Puskesmas, clinics, doctors, nurses, midwives and
paramedics that were preprinted and presented to the village head for
follow up information. New facilities mentioned in IFLS2 were later
added to the SAR. IFLS1 facilities that had incomplete name or location
information were not listed in the preprinted Service Availability
Roster. Thus not all facilities mentioned in IFLS1 across the household
and community data appear in the IFLS2 Service Availability Roster.

Upon examining the IFLS2 SAR, it was determined that in some cases
more than one IFLS1 facility code represented a given IFLS1-mentioned
facility. Where possible, FCODE corrects for this. Thus in the IFLS1-
RR data, users will find instanced where more than one FACCODE value has

the same FCODE value. Note that when the last two digits of FCODE are
"98", "9X" or "9Y", it signifies that the respondent mentioning the
facility did not provide sufficient information to uniquely identify the
facility.

Linking Communities

The community identifier has changed between IFLS1 and IFLS2 as
noted in Section 4 above. EA, which represented an enumeration area,
was generally referred to as a community identifier in IFLS1. In
actuality, because there were 9 instances where 2 EAS were in the same
village, EA is not uniquely representative of a village--while there
were 321 EAs, there are only 312 villages in the IFLS1 sampling frame.
IFLS2 addressed this issue by creating COMMID97, a unique community
identifier for each of the 312 villages.

Thus, to link community-level data between IFLS1 and IFLS2, users
should use the COMMID93 and COMMID97 variables found in both IFSL1-RR
and IFLS2. For those with existing IFLS1-based analytic files, the EA
to COMMID93 crosswalk mentioned in Section 4 above and discussed in the
IFLS2 User's Guide (DRU-2238/2) can be used to add COMMID93 to those
analytic files.

LINKING IFLS1-RR AND IFLS1 DATA

The process of linking IFLS1-RR data to existing IFLS1 analysis
files follows that described for linking IFLS1 subfiles in the IFLS1
User's Guide (DRU-1195/6).

> To link household-level data: use CASE
> To link individual-level data: use CASE and PERSON
> To link facility-level data: use FACCODE

Note that subfile identifiers listed in Table 1.8 of the IFLS-HH
codebook (DRU-1195/4) and Table 1.7 of the IFLS-CF codebook (DRU-1195/5)
can be used to link subfile records between IFLS1 and IFLS1-RR data.

VARIABLES WITH LENGTH GREATER THAN 80 CHARACTERS

Stata does not handle character strings larger than 80 characters,
and such long strings are truncated to 80 characters when SAS files are
converted to Stata files. There are only a handful of such long

character strings and they are found in the community/facility data. So
as to not lose information, the Stata files contain additional variables
where needed that hold the first 80 characters and the second 80
characters. Below are the files and the variables of interest.

Table 6.1

New Variables in Stata Files
to Hold Text Responses Greater than 80 Characters

File	Original Variable	New variables in Stata Files only	
BUKIE02B	BE10A_T	BE10A_TA	BE10A_TB
BKII_CF	CSBDT1_T	CSBDT1TA	CSBDT1TB
	CSBDT2_T	CSBDT2TA	CSBDT2TB
	CSBDT3_T	CSBDT3TA	CSBDT3TB
	CSBDT4_T	CSBDT4TA	CSBDT4TB
BKPS_CF	EA25A1_T	EA25A1TA	EA25A1TB
	EA25A2_T	EA25A2TA	EA25A2TB
	EA25A3_T	EA25A3TA	EA25A3TB
BUKD_CF	FA22A1_T	FA22A1TA	FA22A1TB
	FA22A2_T	FA22A2TA	FA22A2TB
	FA22A3_T	FA22A3TA	FA22A3TB
BKBD_CF	GA25A1_T	GA25A1TA	GA25A1TB
	GA25A2_T	GA25A2TA	GA25A2TB
	GA25A3_T	GA25A3TA	GA25A3TB
BKPPK_CF	IA12A_T	IA12A_TA	IA12A_TB
	IA12B_T	IA12B_TA	IA12B_TB
	IA12C_T	IA12C_TA	IA12C_TB
	IA13A_T	IA13A_TA	IA13A_TB
	IA13B_T	IA13B_TA	IA13B_TB
	IA13C_T	IA13C_TA	IA13C_TB

   NOTE: The original variable is still in the Stata file and is
truncated to 80 characters. In the SAS files, these variables have the
full amount of text. There are no "A" and "B" variables in the SAS
files.

Appendix

A. LISTING OF SUBFILES IN IFLS1-RR DATABASE

This appendix presents tables that list the data subfiles that now comprise the revised and restructured IFLS1 household survey data and community/facility survey data. The tables include variable ranges for each subfile to facilitate use of the original IFLS1 household and community/facility codebooks and questionnaires with the IFLS1-RR data. The number of records per file are also included, along with unit of observation and any additional record identifiers that are needed. These tables are basically revised versions of Table 1.8 in the original IFLS-HH codebook and Table 1.7 in the original IFLS-CF codebook, and Appendix A and B in the IFLS1 User's Guide.

Table A.1

IFLS1-RR HOUSEHOLD SUBFILES AND SAMPLE SIZES

File Name	File Description (Variables found in file)	Unit of Observation	Record Id[a]	# of Records
BOOK CA				
BUKCCA1	Cover Page- Anthropometry	household		7164
BUKCCA2	Anthropometry Roster (CA01-CA15)	person	LINE_CA	24515
BOOK K				
BUKKSC1	Visit Record (IK1-IK2,SC01-SC20)	household		7730
BUKKPSK	Respondent Selection	household		33157
BUKKFP1	Survey Disposition (FP1-FP9)	household		7730
BOOK I				
BUKKAR1	Book I Cover Page	household		7224
BUKKAR2	HH Roster (AR01-AR22)	household member	AR001A	33081
BUK1KR1	Household Characteristics (KR02-KR22)	household		7216
BUK1KS1	Food Item Consumption & Own Production (KS01-KS03)	food item	ITEM	106090
BUK1KS2A	Transfer of Food Items (KS04-KS05)	household		7216
BUK1KS2B	Non-food Items in Past Month (KS06-KS07)	nonfood item	NF_ITEM1	50512
BUK1KS3A	Non-food Items in Past Year (KS08-KS09)	nonfood item	NF_ITEM2	43296
BUK1KS3B	Education Expenditures (KS10-KS12)	household		7216
BUK1KS4	Purchases in Last Month (KS13-KS15)	type of purchase	ITEM_M	108240
BUK1PP1	Health Provider Knowledge (PP1-PP7)	facility	FACTYPE	50512
BUK1CP1	Interview Evalualtion (CPI1-CPI3)	household		7216

_____

[a] Used in addition to HHID93 to uniquely define a record.

Table A.1 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id[a]	# of Records
BOOK II				
BUK2UT1	Book II Cover, Farm Business (UT01-UT09)	household		7185
BUK2UT2	Farm Business Assets (UT10-UT14)	asset	FARMASST	25272
BUK2NT1	Non-Farm Business (NT01-NT09)	household		7185
BUK2NT2	Non-Farm Business Assets (NT10-NT14)	asset	NFRMASST	22005
BUK2PH1	Individual Income (PH01-PH07)	household member	PH00	10211
BUK2PH2	Other Income Sources (PH08-PH11)	income source	INCSOURC	43110
BUK2HR1	Household Assets (HR01-HR12)	asset	ASSETTYP	79035
BUK2HR2	Household Data (HR13-HR15)	household		7185
BUK2GE1	Economic Hardships (GE01-GE04)	type of hardship	TYPEHARD	43110
BUK2AK1	Employer-provided Health Insurance: Who is covered (AK01-AK05)	person covered	AK04	9072
BUK2AK2	Employer-provided Health Insurance: Companies (AK06-AK11)	company	AK06	1000
BUK2AK3	Individual Health Insurance: Who is covered (AK12-AK16)	person covered	AK15	7256
BUK2AK4	Individual Health Insurance: Companies (AK17-AK21)	company	AK17	77
BUK2AK5	Employer-provided Medical Benefits: Who is covered (AK22-AK26)	person covered	AK25	7863
BUK2AK6	Employer-provided Medical Benefits: Type of Benefit (AK27-AK32)	benefit	AK27	524
BUK2AK7	Care at Company Clinic: Who is covered (AK33-AK37)	person covered	AK36	7991
BUK2AK8	Care at Company Clinic: Clinics (AK38-AK43)	clinic	AK38	524
BUK2CP2	Interview Evaluation (CPII1-CPII3)	household		7184

---

[a] Used in addition to HHID93 to uniquely define a record. Number of records vary due to unit of observation, skip patterns, and non-response to subsections of the questionnaires.

Table A.1 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id[b]	# of Records
BOOK III				
BUK3S3A	Book III Cover Page	respondent		14418
BUK3DL1	Education Summary (DL01-DL07)	respondent		14418
BUK3DL2	Levels of Schooling (DL08-DL15)	level of school	DL08	13355
BUK3DL3	Last School Attended (DL17-DL31)	respondent		7778
BUK3TK1	Work Experience (TK01-TK17)	respondent		14418
BUK3TK2	Current Job (Primary & Secondary) (TK18-TK27, monthly and yearly earnings)	respondent		9762
BUK3TK3	Primary & Secondary Jobs During Past 5 Years (TK28-TK46)	year (92-88)	YEAR	52934
BUK3TK5	Employment History: 1st, '83, '73 job (TK47-TK59)	job time point	JOBREC	19551
BUK3AW1	Time Allocation (AW1-AW3)	respondent		14418
BUK3KW1	Marriage Summary (KW01-KW08)	respondent		14418
BUK3KW2	Marital History (KW09-KW22)	marriage	MARRNUM, ENTRYORD	10516
BUK3KW3	Husband's Desire For More Kids (KW23-KW27)	married male		7572
BUK3BR1	Pregnancy Summary (BR01-BR16)	non-Book 4 female		2664
BUK3MG1	Migration History:Birth,Age 12,1st Marr (MG01-MG21)	respondent		12996
BUK3MG2	Migration History (MG21-MG40)	move	MOVENUM	15376
BUK3MG3	Last Move to Current Residence (MG41-MG52)	respondent		6945
BUK3SR1	Circular Migration: Trigger Questions (SR01-SR02)	respondent		14418
BUK3SR2	Circular Migration History (SR03-SR18)	circular move	TRIPNUM	1788
BUK3KM1	Smoking Habits (KM01-KM09)	respondent		14406
BUK3KK1	Current Health & Activities of Daily Living (KK01-KK04)	respondent		12985
BUK3KK2	Health Conditions During Past 4 Weeks (KK05-KK07)	respondent		12985
BUK3MA1	Acute Morbidity (MA01-MA03)	symptom	SYMPTOM	172872
BUK3PS1	Self-Treatment (PS01-PS02)	respondent		12989
BUK3RJ1	Outpatient Medical Facilities (RJ01-RJ04)	respondent		14406
BUK3RJ2	Outpatient Visits (RJ05-RJ24)	visit	RJ05	4685

_____

[b] Used in addition to HHID93 and PID93 (or PIDLINK alone) to uniquely define a record. Number of records vary due to unit of observation, skip patterns, and non-response.

Table A.1 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id[b]	# of Records
BUK3RN1	Inpatient Medical Facilities (RN01-RN04)	respondent		14406
BUK3RN2	Inpatient Visits (RN05-RN20)	visit	RN05	410
BUK3BA1	Noncoresident Parents (BA01-BA26)	parent	PARENT	25970
BUK3BA3	Non-Householders: Siblings (BA28-BA29)	respondent		12459
BUK3BA4	Noncoresident Sibling Roster(BA30A-BA30G,BA33B,BA34-BA51)	sibling	BA30A	44995
BUK3BA5	Sibling Summary Counts (BA30H, BA31-BA32)	respondent		11241
BUK3BA7A	Help from/to Siblings Not Mentioned (BA53-BA57)	respondent		12459
BUK3BA7B	Trigger Questions: Non-coresident children BA58-BA63)	respondent		12459
BUK3BA8	Noncoresident Children Roster (BA63A-BA71, BA74-BA90)	child	BA63A	10100
BUK3BA9	Non-CoResid Kids Age 15+-Counts (BA72-BA73)	respondent		3776
BUK3BAB	Help From/To Non-cores. Kids Not Selected (BA92-BA96)	respondent		3432
BUK3TF1	Transfers To/From: Parents,Sibs,Children (TF01-TF05)	type of transferer	RELTYPE	38955
BUK3TF3	Transfers To/From: Rel.,Friends,Employer,Org. (TF06-TF09)	type of transferer	WHOHELP	51940
BUK3HI1	Individual Assets (HI01-HI13)	asset type	ASSETTYP	73993
BUK3HI2	Other Income In Past Year (HI14)	type of income	INCOMTYP	30570
BUK3CP3	Interview Evaluation (CP1-CP3)			14405

---

[b] Used in addition to HHID93 and PID93 (or PIDLINK alone) to uniquely define a record. Number of records vary due to unit of observation, skip patterns, and non-response.

Table A.1 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id[b]	# of Records
BOOK IV				
BUK4SIV	Book IV Cover	respondent		4981
BUK4KW1	Marriage Summary (KW01-KW03)	respondent		4981
BUK4KW2	Marital History (KW04-KW17)	marriage	MARRNUM, ENTRYORD	5776
BUK4KW3	Menstrual History/Desire for Kids (KW18-KW25)	respondent		4889
BUK4BR1	Pregnancy Summary (BR1-BR16)	respondent		4980
BUK4CH1	Pregnancy Roster (CH01-CH54)	pregnancy	PRGID	17962
BUK4CX1	Contraceptive Knowledge/Use: Efficient (CX1-CX11)	type of method	METHOD	39120
BUK4CX2	Contraceptive Knowledge/Use: Less efficient (CX12-CX13)	type of method	METHOD	24450
BUK4CX3	Contraceptive Use (CX14-CX29)	person		4890
BUK4KL1	Cont. Calender: Marriage/calendar start/end dates	marriage		4966
BUK4KL2	Cont. Calendar (1/84-12/88) (KAL)(1/89-2/94) (KAL1)	type of event	EVENT	44007
BUK4KL4A	Cont. Facility Visit Cost from last 30 months of calendar--Sep 93-Feb 94 (KL4,COSTRP)	month	EVNTMTH	16353
BUK4KL4B	Cont. Facility Info (KL1-KL6)	respondent		4890
BUK4CP4	Interview Evaluation (CP1-CP3)	respondent		4981
BOOK V				
BUK5SE5	Book V Cover Page	respondent		7751
BUK5DL1	Levels of Schooling (DLA01-DLA22)	level attended	DLA05	8563
BUK5DL2	School Expenses (DLA24-DLA25)	respondent		4668
BUK5MA1	Acute Morbidity (MAA01-MAA03)	symptom	SYMPTOM	116265
BUK5PSA	Self-Treatment (PSA01-PSA02)	respondent		7751
BUK5RJ1	Outpatient Medical Facilities (RJA01-RJA04)	respondent		7751
BUK5RJ2	Outpatient Visits (RJA05-RJA24)	visit	RJA05	2259
BUK5RN1	Inpatient Medical Facilities (RNA01-RNA04)	respondent		7751
BUK5RN2	Inpatient Visits (RNA05-RNA20)	visit	RNA05	100
BUK5CP5	Interview Evaluation (CP5A-CP5C)	respondent		7751

---

[b] Used in addition to HHID93 and PID93 (or PIDLINK alone) to uniquely define a record. Number of records vary due to unit of observation, skip patterns, and non-response.

Table A.1 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id	# of Records
OTHTRANS				
OTHTRANS	English Translations of IFLS-HH "Other, specify"	respondent /question number	HHID93, PID93, OTHQUES	96497
WEIGHTS				
HHLDWT	Household Sampling Weights	household	HHID93	7730
INDIVWT	Individual Sampling Weights	household member	HHID93, PID93	33081
LOCATION				
PROV	Province Codes and Names	province	KODE	27
KAB	Kabupaten Codes and Names (Regency/municipality)	kabupaten	KODE	301
KEC	Kecamatan Codes and Names (Subdistrict)	kecamatan	KODE	3809
RND2_EAS				
RND2_EAS	EAs Done Before 2nd Round Retraining	EA	EA	32
AUXILIARY				
BA_CHKID	Crosswalk between BUK3BA8 and BUK4CH1 (not all kids)	non-coresident kid	HHID93, PID93, BA63A OR CH05	1730
PRICEIDX	1993 Provincial/urban-rural Food Price Indices	province	PROVCODE	27
EXPEND2	Household expenditure estimates	household	HHID93	7216

Table A.2

IFLS1-RR COMMUNITY/FACILITY SUBFILES AND SAMPLE SIZES

File Name	File Description (variables in file)	Unit of Observation	Record Id[a]	# of Records
SAMPLE				
SAMPLFP1	IFLS-CF Books Completed	EA		321
BOOK I				
BUKI_CF	Control Sheet for Book I plus (BA6-BA10, BC1-BC21, BD1-BD13, BD19-BD27, BE7-BE9, BF1-BF8, BJ9-BJ25)	EA		312
BUKIA01A	Transportation to nearest item (BA0-BA5)	location	PLACE	2496
BUKIB01	Availability of Electricity by Provider (BB1-BB7)	provider	ELECTYPE	1747
BUKID02B	Agriculture and Industry: programs (BD14-BD18)	program	BD14	199
BUKID04	Agriculture and Industry: factories (BD28-BD31)	factory	BD29	440
BUKID05	Agriculture and Industry: cottage industry (BD28-BD37)	cottage industry	BD33	640
BUKIE01	Record of Village Name Changes (BE1-BE6)	name change	BE2	326
BUKIE02B	Important Events in the Village (BE10-BE11)	event	BE10	931
BUKIG01	Credit (BG1-BG7)	institution	BG2	579
BUKII01	History of School Existence (BI1-BI10)	school	BI1	2459
BUKII02	History of School Types (BI11-BI16)	school type	BSCHTYPE	936
BUKIJ01	History of Health Facilities (BJ1-BJ8)	facility	BFACTYPE	5616
BUKIK01	Identity of Respondents (BK1-BK8)	respondent		742
BOOK II				
BKII_CF	Control Sheet for Book II plus (CS1-CS18, OL1-OL25)	EA		312
BOOK PPK				
BUKP_CF	Control Sheet for Book PKK plu (DJ9-DJ25)	EA		312
BUKPI01	History of School Existence (DI1-DI10)	school	DI1	2336
BUKPI02	History of School Types (DI11-DI16)	school type	DSCHTYPE	936
BUKPJ01	History of Health Facilities (DJ1-DJ8)	facility	DFACTYPE	2527
BUKPH01	Availability of Food Stuffs (DH1-DH3)	food item	DHTYPE	5616

_____

[a] Used in addition to COMMID93 to define a record type. Number of records vary due to the unit of observation, skip patterns, and non-response to subsections of the questionnaires.

File Name	File Description (variables in file)	Unit of Observation	Record Id[b]	# of Records
PUSKESMAS				
BKPS_CF	Control Sheet (JLK01-JLK14) plus (EA1-EA21, EA25-EA26, EB1-EB20, EC2-EC4, EC11-EC13, EC35-EC38, ED1-ED8, EE1-EE7, EF1-EF23, EF30-EF45, EG1-EG2, EG12-EG15, EGKH1-EGKK, EH1-EH14, EI1-EI16, EJ1-EJ5, EK1-EK8)	facility		993
BKPSA02	Head of Puskesmas--Part 2 (Medicines) (EA23-EA24)	medicine	EMEDTYPE	16881
BKPSC01B	Activities of Puskesmas--Part 1B (EC6-EC9)	type of service	ESERVICE	33762
BKPSD03	Puskesmas Employees--Employee List (ED9-ED14)	employee	EMPID	5887
BKPSF01B	Direct Observation--Part 1B (Pharmacy) (EF25-EF29)	medicine	EMEDTYPE	18867
BKPSG01B	KB Service Unit--Part B (EG3-EG10)	employee	EMPID	2922
DR/CLINIC				
BUKD_CF	Control Sheet (FLK1-FLK19) plus (FA1-FA22, FB10-FB20, FC1-FC6, FD10-FD11, FE1-FE21, FF1-FF9, FG1-FG14, FH1-FH16, FI1-FI7, FJ1-FJ8)	facility		549
BUKDB01	Practice Activities--Hours of Operation (FB2-FB3)	session	FSESSION	1070
BUKDB02	Practice Activities--Services (FB5-FB8)	type of service	FSERVICE	20313
BUKDD01A	Stocks of Medicines (FD1-FD9)	medicine type	FMEDTYPE	7125
NURSE/ MIDWIFE/ PARAMEDIC				
BKBD_CF	Control Sheet (GLK1-GLK19) plus (GA1-GA25, GB10-GB20, GC1-GC6, GD10-GD11, GE1-GE21, GF1-GF9, GG1-GG14, GH1-GH16, GI1-GI7, GJ1-GJ8)	facility		892
BKBDB01	Practice Activities--Hours of Operation (GB2-GB3)	session	GSESSION	1766
BKBDB02	Practice Activities--Services (GB5-GB8)	type of service	GSERVICE	33004
BKBDD01A	Stocks of Medicines (GD1-GD9)	type of medicine	GMEDTYPE	14348

_____

[b] Used in addition to FCODE to define a record type. Number of records vary due to the unit of observation, skip patterns, and non-response to subsections of the questionnaires.

Table A.2 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id[b]	# of Records
POSYANDU				
BKPPK_CF	Control Sheet plus (IA1-IA13, IB1-IB10, IC5-IC8)	facility		899
BKPPKC01	Manpower--Part 1	employee	EMPID	4313
BKPPKD01	Health Instruments (ID1-ID5)	instrument	IDITEM	10788
BKPPKH01	Availability of Food Stuffs (IH1-IH3)	food stuff	IHTYPE	16182
TRAD HEALER				
BKPTR_CF	Control Sheet (HLK1-HLK18) plus (HA1-HA15, HB2-HB5, HB6-HB24, HC1-HC14)	facility		624
PRIMARY				
BUKS_CF	Control Sheet (JLK01-JLK14) plus (JA1-JA15, J01-J04, JB1-JB24, JD1-JD14, JE1, JF2)	school		944
BUKSC01	Teacher (JC1-JC26, JOB1-JOB4)	teacher type	TEACHTYP	1888
BUKSE01B	School Statistics 1992-1993--Part 1B (number of pupils/teachers) (JE2)	sex group	SEX	1888
BUKSE02	EBTANAS Scores (JE1-JE5)	test type	TESTTYPE	1888
JRH				
BKSP_CF	Control Sheet (KLK01-KLK14) plus (KA1-KA15, K01-K04, KB1-KB24, KD1-KD14, KE1, KF2)	school		900
BKSPC01	Teacher (KC1-KC26, KOB1-KOB4)	teacher type	TEACHTYP	1800
BKSPE01B	School Statistics 1992-1993--Part 1B (number of pupils/teachers) (KE2)	sex group	SEX	1800
BKSPE02	EBTANAS Scores (KE1-KE5)	test type	TESTTYPE	1800
SRH				
BKSA_CF	Control Sheet (LLK01-LLK14) plus (LA1-LA15, L01-L04, LB1-LB24, LD1-LD14, LE1, LF2)	school		584
BKSAC01	Teacher (LC1-LC26, LOB1-LOB4)	teacher type	TEACHTYP	1168
BKSAE01B	School Statistics 1992-1993--Part 1B (number of pupils/teachers) (LE2)	sex group	SEX	1168
BKSAE02	EBTANAS Scores (LE1-LE5)	test type	TESTTYPE	1168

Table A.2 (continued)

File Name	File Description (variables in file)	Unit of Observation	Record Id	# of Records
WEIGHTS				
COMMWT	Community Weights	EA	EA	321

_____

[b] Used in addition to FCODE to define a record type. Number of records vary due to the unit of observation, skip patterns, and non-response to subsections of the questionnaires.

FACWT   Facility Weights   facility   FCODE   6385

   NOTE: EA is used for COMMWT because the file contains all 321 EAs as opposed to just the 312 communities. EAs with the same COMMID93 value have the same value of COMMWT.

B.   MAPPING OF IFLS1-RR SUBFILES TO IFLS-2 SUBFILES

This appendix provides a mapping between IFLS1-RR and IFLS-2 subfiles. Note that IFLS-2 uses a slightly different file name structure than IFLS1-RR plus IFLS-2 contains module subsections that did not exist in the IFLS-1 questionnaire and dropped other module subsections that appeared in the IFLS-1 questionnaire. Variables are not necessarily identical between the IFLS1-RR and IFLS-2 counterparts. Users must consult both the original IFLS-1 codebook and questionnaires and the IFLS-2 documentation when trying to combine information across the two surveys.

The variable PIDLINK is used to link specific individuals in IFLS-1 to records they may have in IFLS-2. The variable HHID93 is used to link specific IFLS-1 households to their records in IFLS-2. The variable COMMID93 is used to link community-level data in IFLS1-RR with community-level data in IFLS2. The variable FCODE is used to link specific IFLS-1 facilities with any records they have in IFLS-2.

Appendix Table B.1 shows the mapping between the IFLS1-RR household survey subfiles and IFLS-2; Table B.2 does the same for the IFLS1-RR Community/Facility subfiles.

The IFLS2 document DRU-2283/7, *Crosswalk between the Survey Instruments for the Indonesia Family Life Survey, Waves 1 and 2*, provides question by question (and thus variable by variable) comparisons between the two waves.

Table B.1

IFLS1-RR HOUSEHOLD SUBFILES MAPPED AGAINST IFLS2-HH COUNTERPARTS

IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]
BOOK CA	**BOOK US**			
BUKCCA1	BUS_0	household		
BUKCCA2	BUS_1	person	LINE_CA	PID97
BOOK K				
BUKKSC1	BK_SC and BK_COV	household		
BUKKPSK	NA	household		
BUKKFP1	NA	household		
BOOK I				
BUKKAR1	B1_COV	household		
BUKKAR2	BK_AR1	household member	AR001A	PID97
BUK1KR1	B2_KR and BK_KRK	household		
BUK1KS1	B1_KS1	food item	ITEM	KS1TYPE
BUK1KS2A	in B1_KS0	household		
BUK1KS2B	B1_KS2	nonfood item	NF_ITEM1	KS2TYPE
BUK1KS3A	B1_KS3	nonfood item	NF_ITEM2	KS3TYPE
BUK1KS3B	in B1_KS0	household		
BUK1KS4	B1_KS4	type of purchase	ITEM_M	KS4TYPE
BUK1PP1	B1_PP1	facility	FACTYPE	PPTYPE
BUK1CP1	NA	household		

_____

[a] For IFLS1-RR, used in addition to HHID93 to uniquely define a record.

For IFLS-2, used in addition to HHID97 to uniquely define a record.

NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.

		Table B.1 (continued)		
IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]
BOOK II				
BUK2UT1	B2_COV & B2_UT1	household		
BUK2UT2	B2_UT2	asset	FARMASST	UTTYPE
BUK2NT1	B2_NT1	household		
BUK2NT2	B2_NT2	asset	NFRMASST	NTTYPE
BUK2PH1	BK3A_TK2[b]	household member	PH00	
BUK2PH2	B2_HI	income source	INCSOURC	HITYPE
BUK2HR1	B2_HR1	asset	ASSETTYP	HRTYPE
BUK2HR2	B2_HR2	household		
BUK2GE1	B2_GE	type of hardship	TYPEHARD	GETYPE
BUK2AK1	B3B_AK[b]	person covered/ INSURANCE TYPE	AK04	AKTYPE
BUK2AK2	NA	company	AK06	
BUK2AK3	NA	person covered	AK15	
BUK2AK4	NA	company	AK17	
BUK2AK5	NA	person covered	AK25	
BUK2AK6	NA	benefit	AK27	
BUK2AK7	NA	person covered	AK36	
BUK2AK8	NA	clinic	AK38	
BUK2CP2	NA	household		

---

[a] For IFLS1-RR, used in addition to HHID93 to uniquely define a record.

    For IFLS-2, used in addition to HHID97 to uniquely define a record.

NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.

[b] Book III file in IFLS2 so basic ids are HHID97 and PID97

IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]
Table B.1 (continued)				
BOOK III				
BUK3S3A	B3A_COV/ B3B_COV	respondent		
BUK3DL1	B3A_DL1	respondent		
BUK3DL2	B3A_DL2	level of school	DL08	DL2TYPE
BUK3DL3	B3A_DL4	respondent		
BUK3TK1	B3A_TK1	respondent		
BUK3TK2	B3A_TK2	mthly/yearly / RESPONDENT	PERIOD	
BUK3TK3	B3A_TK3	year (92-88) / YEAR 96-87	YEAR	TK28YR
BUK3TK5	B3A_TK4	job time point/ RESPONDENT	JOBREC	
BUK3AW1	NA	respondent		
BUK3KW1	B3A_KW1[b] / B3A_KW2	respondent		
BUK3KW2	B3A_KW3	marriage	MARRNUM, ENTRYORD	KWN
BUK3KW3	B3A_KW2	married male		
BUK3BR1	B3A_BR	non-Book 4 female/ ALL NEW FEMALE RESP		
BUK3MG1	B3A_MG1[b]	respondent		
BUK3MG2	B3A_MG2	move	MOVENUM	MIGN_NUM
BUK3MG3	NA	respondent		
BUK3SR1	NA	respondent		
BUK3SR2	NA	circular move	TRIPNUM	
BUK3KM1	B3B_KM	respondent		
BUK3KK1	B3B_KK	respondent		
BUK3KK2	NA	respondent		
BUK3MA1	B3B_MA1	symptom	SYMPTOM	MATYPE
BUK3PS1	B3B_PS	respondent/ TREATMENT		PSTYPE
BUK3RJ1	B3B_RJ1	respondent/FACILITY		RJ1TYPE
BUK3RJ2	B3B_RJ2	visit	RJ05	RJ2TYPE

---

[a] For IFLS1-RR, used in addition to HHID93 and PID93 (PERSON) to uniquely define a record.

For IFLS-2, used in addition to HHID97 and PID97 (PERSON) to uniquely define a record.

NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.

[b] First marriage migration information is in KW section in IFLS2

		Table B.1 (continued)		
IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]

BOOK III

IFLS1-RR File Name	IFLS2 File Name	IFLS1-RR Unit of Observation/ IFLS2 UNIT	IFLS1-RR Record Id	IFLS2 REC ID
BUK3RN1	B3B_RN1	respondent/ FACILITY		RN1TYPE
BUK3RN2	B3B_RN2	visit	RN05	RN2TYPE
BUK3BA1	B3B_BA0 & B3B_BA1	parent/ RESPONDENT	PARENT	
BUK3BA3	B3B_BA2	respondent		
BUK3BA4	B3B_BA3	sibling	BA30A	BA30A, BA30A_93
BUK3BA5	B3B_BA3	respondent		
BUK3BA7A	B3B_BA4	respondent		
BUK3BA7B	B3B_BA5	respondent		
BUK3BA8	B3B_BA6[b]	child	BA63A	BA63A, BA63A_93
BUK3BA9	NA	respondent		
BUK3BAA	B3B_BA6	child	BA74 (same as BA63A	BA63A, BA63A_93
BUK3BAB	B3B_BA6[b]	respondent/ ALL CHILDREN		
BUK3TF1	included relevant BA	type of transferer/ RELATIVE	RELTYPE	Depends on BA file
BUK3TF3	NA[c]	type of transferer	WHOHELP	
BUK3HI1	B3A_HR1	asset type	ASSETTYP	HRTYPE
BUK3HI2	B3A_HI	type of income	INCOMTYP	HITYPE
BUK3CP3	NA	respondent		

---

[a] For IFLS1-RR, used in addition to HHID93 and PID93 (PERSON) to uniquely define a record.

For IFLS-2, used in addition to HHID97 and PID97 (PERSON) to uniquely define a record.

NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.

[b] For Book 4 respondent, these data are in B4_BA6. Adopted children are asked about in IFLS2 Book 4 and that data is in B4_BX6.

[c] PM section of IFLS2 has info on transfers to and from institutions and organizations (B3B_PM1,B3B_PM2,B3B_PM3).

Table B.1 (continued)				
IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR record Id[a]	IFLS2 REC ID[a]
BOOK IV				
BUK4SIV	B4_COV	respondent		
BUK4KW1	B4_KW1[b]	respondent		
BUK4KW2	B4_KW2	marriage	MARRNUM, ENTRYORD	KWN
BUK4KW3	IN B4_KW1	respondent		
BUK4BR1	B4_BR	respondent		
BUK4CH1	B4_CH0 / B4_CH1[c]	pregnancy	PRGID	CH05
BUK4CX1	B4_CX1	type of method	METHOD	CX1TYPE
BUK4CX2	NA	type of method	METHOD	
BUK4CX3	B4_CX2	respondent		
BUK4KL1	NA	marriage		
BUK4KL2	B4_KL2	type of event/ MONTH	EVENT	LINE
BUK4KL4A	B4_KL2	month	EVNTMTH	LINE
BUK4KL4B	B4_KL1	respondent		
BUK4CP4	NA	respondent		

_____

[a] For IFLS1-RR, used in addition to HHID93 and PID93 (PERSON) to uniquely define a record.
        For IFLS-2, used in addition to HHID97 and PID97 (PERSON) to uniquely define a record.
    NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.

[b] First marriage migration information in IFLS2 is in section KW

[c] Breastfeeding information for youngest child still breastfeeding in 1993 is found in the IFLS2 file B4_BF.

Table B.1 (continued)				
IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]
BOOK V				
BUK5SE5	B5_COV	respondent		
BUK5DL1	B5_DLA1	level attended/ RESPONDENT	DLA05	
BUK5DL2	B5_DLA3	respondent/ SCHOOL YEAR		DLA3TYPE
BUK5MA1	B5_MAA1	symptom	SYMPTOM	MATYPE
BUK5PSA	B5_PSA	respondent/ TREATMENT		PSATYPE
BUK5RJ1	B5_RJA1	respondent/ FACILITY		RJA1TYPE
BUK5RJ2	B5_RJA2	visit	RJA05	RJA2TYPE
BUK5RN1	B5_RNA1	respondent/ FACILITY		RNA1TYPE
BUK5RN2	B5_RNA2	visit	RNA05	RNA2TYPE
BUK5CP5	NA	respondent		
OTHTRANS				
OTHTRANS	OTHER	question number	OTHQUES, OTHOCC	

---

[a] For IFLS1-RR, used in addition to HHID93 and PID93 (PERSON) to uniquely define a record.

For IFLS-2, used in addition to HHID97 and PID97 (PERSON) to uniquely define a record.

NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.

Table B.2

IFLS1-RR COMMUNITY/FACILITY SUBFILES MAPPED AGAINST IFLS2-CF COUNTERPARTS

IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]
SAMPLE				
SAMPLFP1	NA	EA	EA	
BOOK I				
BUKI_CF	BK1 [b]	community		
BUKIA01A	BK1_A	location	PLACE	ATYPE
BUKIB01	BK1_B	provider	ELECTYPE	BTYPE
BUKID02B	BK1_D2	program	BD14	D2TYPE
BUKID04	BK1_D4	factory	BD29	D4TYPE
BUKID05	BK1_D5	cottage industry	BD33	D5TYPE
BUKIE01	BK1_E1	name change	BE2	E1TYPE
BUKIE02B	BK1_E2	event	BE10	E2TYPE
BUKIG01	BK1_G	institution	BG2	GTYPE
BUKII01	NA	school	BI1	
BUKII02	BK1_I	school type	BSCHTYPE	ITYPE
BUKIJ01	NA	facility	BFACTYPE	
BUKIK01	BK1_K	respondent		KTYPE
BOOK II				
BKII_CF	BK2	community		
BOOK PPK				
BUKP_CF	PKK	community		
BUKPI01	NA	school	DI1	
BUKPI02	PKK_I	school type	DSCHTYPE	ITYPE
BUKPJ01	PKK_J	facility	DFACTYPE	JTYPE
BUKPH01	PKK_H	food item	DHTYPE	HTYPE

_____

[a] For IFLS1-RR, used in addition to COMMID93 to uniquely define a record; for IFLS-2, used in addition to COMMID97.

NOTE: record identifier codes may differ between IFLS1_RR and IFLS-2 so please check codebooks for values.

b Files BK1_D1 and BUK1_D3 have information found in BUKI_CF.

| | | Table B.2 | | |
| | | (continued) | | |
IFLS1-RR File Name	IFLS2 File Name (NA=not asked)	IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)	IFLS1-RR Record Id[a]	IFLS2 REC ID[a]
PUSKESMAS				
BKPS_CF	PUSK [b]	facility		
BKPSA02	NA	medicine	EMEDTYPE	
BKPSC01B	PUSK_C1	type of service	ESERVICE	C1TYPE
BKPSD03	PUSK_D	employee	EMPID	DTYPE
BKPSF01B	PUSK_F	medicine	EMEDTYPE	FTYPE
BKPSG01B	NA	employee	EMPID	
DR/CLINIC				
BUKD_CF	PRA [c]	facility		
BUKDB01	PRA_B1	session/DAY	FSESSION	B1TYPE
BUKDB02	PRA_B2	type of service	FSERVICE	B2TYPE
BUKDD01A	PRA_D1	medicine type	FMEDTYPE	D1TYPE
NURSE/ MIDWIFE/ PARAMEDIC				
BKBD_CF	PRA (like above)	facility		
BKBDB01	PRA_B1	session/DAY	GSESSION	B1TYPE
BKBDB02	PRA_B2	type of service	GSERVICE	B2TYPE
BKBDD01A	PRA_D1	type of medicine	GMEDTYPE	D1TYPE
POSYANDU				
BKPPK_CF	POS [d]	facility		
BKPPKC01	POS_C	employee	EMPID	CTYPE
BKPPKD01	POS_D	instrument	IDITEM	DTYPE
BKPPKH01	POS_H	food stuff	IHTYPE	HTYPE
TRAD HEALER				
BKPTR_CF	NA	facility		

---

[a] Used in addition to FCODE to uniquely define a record.
    NOTE: record identifier codes may differ between IFLS1-RR and IFLS-2 so please check codebooks for values.
    [b] Files PUSK_E1, PUSK_E2, PUSK_B1, PUSK_C2, PUSK_C3 have information found in BKPS_CF.
    [c] Files PRA_B3, PRA_B4, PRA_C1, PRA_C2 have information found in BUKD_CF.
    [d] Files POS_B1, POS_B2 have information found in BKPPK_CF.

Table B.2				
(continued)				
IFLS1-RR File Name	**IFLS2 File Name (NA=not asked)**	**IFLS1-RR Unit of Observation/ IFLS2 UNIT (if different)**	**IFLS1-RR Record Id**[a]	**IFLS2 REC ID**[a]
PRIMARY				
BUKS_CF	SD [b]	school		
BUKSC01	SD_C	teacher type	TEACHTYP	CTYPE
BUKSE01B	NA	sex group	SEX	
BUKSE02	SD	test type	TESTTYPE	
JRH				
BKSP_CF	SMP [c]	school		
BKSPC01	SMP_C	teacher type	TEACHTYP	CTYPE
BKSPE01B	NA	sex group	SEX	
BKSPE02	SMP	test type	TESTTYPE	
SRH				
BKSA_CF	SMU [d]	school		
BKSAC01	SMU_C	teacher type	TEACHTYP	CTYPE
BKSAE01B	NA	sex group	SEX	
BKSAE02	SMP	test type	TESTTYPE	
WEIGHTS				
COMMWT			EA	EA
FACWT		facility	FCODE	

_____

[a] Used in addition to FCODE to uniquely define a record.

[b] Files SD_B2, SD_B3 and SD_B4 have information found in BUKS_CF.

[c] Files SMP_B2, SMP_B3 and SMP_B4 have information found in BKSP_CF.

[d] Files SMU_B2, SMU_B3 and SMU_B4 have information found in BKSA_CF.

C. DOCUMENTATION DESCRIBING HOW EXPEND2 FILE CREATED

Below is a write-up by the programmer who created the IFLS1 household expenditure data file, EXPEND2, back in 1996. We provide it here for reference purposes to help users understand the contents of the IFLS1 EXPEND2 data file. The EXPEND2 file is not supported by RAND nor by the project that originally created it. The data is provided as a courtesy to IFLS users.

REVISED FILE:

The revised household expenditure file created in 1996 is: expend2.

Note that this household expenditure file was constructed differently in two ways from the household expenditure file originally created in 1995.

One, in our file, we filled in the missing values for the records of food items that were bought in combination of two, where as originally these were left missing.

Two, for variables ks02rp, ks03rp, ks04a1, ks06rp, ks08rp, ks10a1, ks10b1, ks11a1, ks11b1 and ks12b1 with values of 999997, 999998, and 999999, we replaced them with the Enumeration Area medians based on household size. And if the values were still missing, we replaced them with the Kabupaten medians based on household size. Originally these values were replaced with the aggregate means based on household size.

The expend2 file is created from running programs food1.sas, food2.sas, food3.sas, nonfood1.sas, nonfood2.sas, nonfood3.sas, expend1.sas, and expend2.sas, in respective order. These programs are found in exppgms.zip.

File expend2 is a household data set with one record per household.

VARIABLES IN FILE:

The variables that can be found in expend2 are foodtot, nfdamt, expend, expendpc, expend_r, exppc_r, expcat, expcat_r and expcatrw.

Variable foodtot is monthly expenditures on food items and monthly value of food received from other sources outside the household.

Variable nfdamt is monthly non-food expenses.

Variable expend is nominal monthly household expenditures.

Variable expendpc is nominal monthly per capita expenditures.

Variable expend_r is real monthly household expenditures.

Variable exppc_r is real monthly per capita expenditures.

Variable expcat is nominal monthly expenditure quintile.

Variable expcat_r is real monthly expenditure quintile.

Variable expcatrw is weighted real monthly expenditure quintile.

VARIABLE CREATION:

Variable foodtot is created by taking the sum of variables ks02mth, ks02bmth, ks03mth and ks04mth. (See next section).

Variable nfdamt is created by taking the sum of variables ks06mod, ks08mth, ks10a1, ks10b1, ks11amth, ks11bmth and ks12b1. (See next section).

Variable expend is created by taking the sum of variable foodtot and nfdamt.

Variable expendpc is created by taking the sum of variable foodtot and nfdamt and dividing by the total number of people in the household. The total number of people in the household is calculated by counting up the people in the household in the roster file, bukkar2.ssd01.

Variable expend_r is created by dividing variable expend by the CPI found in file priceidx.ssd01. There is a CPI for each urban/rural area in each province.

Variable exppc_r is created by dividing variable expendpc by the CPI.

Variable expcat is created by taking the quintiles of variable expendpc.

Variable expcat_r is created by taking the quintiles of variable exppc_r.

Variable expcatrw is created by taking the weighted quintiles of variable exppc_r. The weight (variable hhwt224) is taken from file hhldwt.ssd01. It is a household weight based on 7224 households in the roster file.

INTERMEDIATE VARIABLES USED TO CREATE ABOVE, BUT NOT IN FILE:

Variable ks02mth is the total expense for each type of food items bought during the past month. It is created by converting the original variable ks02rp to monthly value.

        There are instances where food items were bought in combination
of two. When this happened, the values for these items were set to
missing.

        We tried to fill in the missing values as follows:

        Variable ks02bmth is created to contain the total expense for
        the second item in a combination of two bought during the
        past month. For each food item, missing variables ks02mth
        and ks02bmth owing to the occurrence of combination are
        replaced with the Enumeration Area median values based on
        household size.

        Variable ks03mth is the total value of each household consumable
that was self produced during the past month. It is created by
converting the original variable ks03rp to monthly value.

        Variable ks04mth is monthly value of food received from other
sources outside the household (include those from the workplace). It is
created by converting the original variable ks04a1 to monthly value.

        Variable ks06mod is the value for non-food items purchased during
the past month. It is created from the original variable ks06rp.

        Variable ks08mth is the value for more non-food items purchased
during the past month. It is created by converting the original
variable ks08rp to monthly value.

        Variables ks10a1, ks10b1, ks11amth, ks11bmth and ks12b1 are
monthly expenditures for children's/householders' education.

        There are changes made to the original variables ks02rp, ks03rp,
ks04a1, ks06rp, ks08rp, ks10a1, ks10b1, ks11a1, ks11b1 and ks12b1 before
the conversion to monthly values took place. Values of 999996 for these
original variables mean non applicable. That means the amounts do not
exit. Therefore, values with 999996 are set to missing. Values with
999997, 999998 and 999999 mean the amounts are unknown. These values
are set to missing first and then are replaced with the Enumeration Area
median values based on household size. If the values are still missing
after the replacement, they are replaced with the Kabupaten median
values based on household size.

        Values for variables ks04a1, ks06rp and ks08rp are a little bit
different from those of the other variables. Some of these values are
not equal to the total expenses for the entire household. So we tried
to compare the values that do not reflected the entire household with
the reflected values. Analysis shows that the values for the "not
reflected" are close to the "reflected" values. For each item, the
percentage of zero values for the "not reflected" is close to the
percentage of zero values for the "reflected". For each item, the
conditional mean on being greater then zero for the "not reflected" is
close to that of the "reflected". (See tables below) As a result, we did
not make any changes to the "not reflected" values.

Table 1

VARIABLE	ITEM	STATUS	% ZERO
ks04a1	food received from outside	"reflected"	71.16
ks04a1	food received from outside	"not reflected"	85.05
ks06rp	utility	"reflected"	5.32
ks06rp	utility	"not reflected"	37.83
ks06rp	personal toiletries	"reflected"	4.66
ks06rp	personal toiletries	"not reflected"	12.45
ks06rp	household items	"reflected"	2.85
ks06rp	household items	"not reflected"	10.74
ks06rp	recreation & entertainment	"reflected"	81.21
ks06rp	recreation & entertainment	"not reflected"	83.01
ks06rp	transportation	"reflected"	42.10
ks06rp	transportation	"not reflected"	45.72
ks06rp	sweepstakes	"reflected"	80.14
ks06rp	sweepstakes	"not reflected"	87.37
ks06rp	give out	"reflected"	90.93
ks06rp	give out	"not reflected"	95.17
ks08rp	clothing	"reflected"	8.62
ks08rp	clothing	"not reflected"	16.60
ks08rp	household furniture	"reflected"	49.88
ks08rp	household furniture	"not reflected"	65.07
ks08rp	medial costs	"reflected"	18.91
ks08rp	medial costs	"not reflected"	27.15
ks08rp	ceremonies	"reflected"	8.11
ks08rp	ceremonies	"not reflected"	13.67
ks08rp	taxes	"reflected"	27.28
ks08rp	taxes	"not reflected"	64.51
ks08rp	other	"reflected"	80.77
ks08rp	other	"not reflected"	94.69

Table 2

VARIABLE	ITEM	STATUS	CONDITIONAL MEAN
ks04a1	food received from outside	"reflected"	18333.12
ks04a1	food received from outside	"not reflected"	18173.62
ks06rp	utility	"reflected"	13986.48
ks06rp	utility	"not reflected"	13018.10
ks06rp	personal toiletries	"reflected"	3842.26
ks06rp	personal toiletries	"not reflected"	5153.65
ks06rp	household items	"reflected"	6053.11
ks06rp	household items	"not reflected"	7830.45
ks06rp	recreation & entertainment	"reflected"	24729.02
ks06rp	recreation & entertainment	"not reflected"	15798.58
ks06rp	transportation	"reflected"	26280.33
ks06rp	transportation	"not reflected"	27241.15
ks06rp	sweepstakes	"reflected"	21035.78
ks06rp	sweepstakes	"not reflected"	23488.54
ks06rp	give out	"reflected"	21254.34
ks06rp	give out	"not reflected"	14124.35
ks08rp	clothing	"reflected"	12181.38
ks08rp	clothing	"not reflected"	11286.26
ks08rp	household furniture	"reflected"	6606.90
ks08rp	household furniture	"not reflected"	5672.66
ks08rp	medial costs	"reflected"	9123.28
ks08rp	medial costs	"not reflected"	8267.04
ks08rp	ceremonies	"reflected"	12198.90
ks08rp	ceremonies	"not reflected"	6341.80
ks08rp	taxes	"reflected"	4967.71
ks08rp	taxes	"not reflected"	4187.88
ks08rp	other	"reflected"	61523.64
ks08rp	other	"not reflected"	73994.88

REFERENCES

IFLS-1

The original IFLS-1 documentation is listed below. It is to be used in conjunction with this current document describing the revised and restructured IFLS-1 data (IFLS1-RR). The following documents have not been revised to reflect changes made to the IFLS1-RR data. This current document describes those changes.

1. DRU-1195/1-NICHD/AID, *The 1993 Indonesian Family Life Survey: Overview and Field Report*, Elizabeth Frankenberg, et al., RAND, 1995. This report describes the purpose, design, field work and response rates for both the household and the facility components of the IFLS.

2. DRU-1195/2-NICHD/AID, *The 1993 Indonesian Family Life Survey: Appendix A, Household Questionnaires and Interviewer Manual*, RAND, 1995. This document provides the English translation of the questionnaires used during the household and individual interviews, as well as the interviewers' instructions.

3. DRU-1195/3-NICHD/AID, *The 1993 Indonesian Family Life Survey: Appendix B, Community-Facility Questionnaires and Interviewer Manual*, RAND, 1995. This document provides the English translation of the questionnaires used during the community leader and facility interviews, as well as the interviewers' instructions.

4. DRU-1195/4-NICHD/AID, *The 1993 Indonesian Family Life Survey: Appendix C, Household Codebook*, Christine E. Peterson and Deborah Wesley, RAND, 1995. The codebook provides descriptions of all variables and their and locations in the IFLS data files. The codebook also presents information on cases that are known anomalies.

5. DRU-1195/5-NICHD/AID, *The 1993 Indonesian Family Life Survey: Appendix D, Community-Facility Codebook*, Christine E. Peterson and Deborah Wesley, RAND, 1995. The codebook provides descriptions of all variables and their and locations in the IFLS data files. The codebook also presents information on cases that are known anomalies.

6. DRU-1195/6-NICHD/AID, *The 1993 Indonesian Family Life Survey: Appendix E, Users' Guide*, Christine E. Peterson, RAND, 1995. Guidelines for data use are provided, with special emphasis on

working with the household, individual, and facility IDs and making links across different parts of the survey.

IFLS-2

Below are the documents that comprise the IFLS2 set of documentation.

1. DRU-2238/1-NIA/NICHD: *The Indonesia Family Life Survey (IFLS): Study Design and Results from Waves 1 and 2.* Purpose, design, fieldwork, and response rates for the survey, with an emphasis on wave 2; main results from both waves 1 and 2.

2. DRU-2238/2-NIA/NICHD: *Users Guide for the Indonesia Family Life Survey, Wave 2.* Descriptions of the IFLS file structure and data formats; guidelines for data use, with emphasis on using the wave 2 and wave 1 data together.

3. DDRU-2238/3-NIA/NICHD: *Household Survey Questionnaire for the Indonesia Family Life Survey, Wave 2.* English translation of the questionnaires used for the household and individual interviews. Includes interviewer's instructions.

4. DRU-2238/4-NIA/NICHD: *Community-Facility Survey Questionnaire for the Indonesia Family Life Survey, Wave 2.* English translation of the questionnaires used for interviews with community leaders and facility representatives. Includes interviewer's instructions.

5. DRU-2238/5-NIA/NICHD: *Household Survey Codebook for the Indonesia Family Life Survey, Wave 2.* Descriptions of all variables from the IFLS2 Household Survey and their locations in the data files.

6. RU-2238/6-NIA/NICHD: *Community-Facility Survey Codebook for the Indonesia Family Life Survey, Wave 2.* Descriptions of all variables from the IFLS2 Community-Facility Survey and their locations in the data files.

7. DRU-2238/7-NIA/NICHD: *Crosswalk between the Survey Instruments for the Indonesia Family Life Survey, Waves 1 and 2.* Provides a description of similarities and differences between the questionnaires fielded in Wave 1 versus Wave 2.