Second Malaysian Family Life Survey: 1988 Interviews

Codebook Volume 1:
"Introduction" Through "MF22: Female Life History"

Julie DaVanzo and John Haaga

SECOND MALAYSIAN FAMILY LIFE SURVEY: 1988 INTERVIEWS

(ICPSR 9805)

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Third ICPSR Version
March 1999

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Political and Social Research
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Julie DaVanzo and John Haaga
     SECOND MALAYSIAN FAMILY LIFE SURVEY: 1988 INTERVIEWS
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SUMMARY: This collection, the second wave of a panel survey, provides household-level retrospective and current data for Peninsular Malaysian women and their husbands and covers traditional topics of demographic research such as fertility, nuptiality, migration, and mortality as well as social and economic factors affecting family decision-making. The overall purpose of the data collection was to study household behavior in diverse settings during a period of rapid demographic and socioeconomic change. Eight survey instruments were used in this study. The tracking instrument, MFLS-2, was used on all households where an interview was attempted, and recorded information such as disposition of survey and questionnaires, number of eligibles, and respondent identifiers. The MF20 instrument, Household Members, was administered to all Panel sample households that were located. It solicited information on the status of the household members and included items such as location, marital status, education, and birthdate. The MF21 form, Household Roster, was used on all households interviewed in the survey. This form collected demographic information on current and very recent household members. The MF22 form, Female Life History, surveyed the Panel women and their selected daughters and daughters-in-law, and the New Sample women. Information collected by this form included pregnancy history and related events; marital, work, and migration histories; family background; and education. The MF23 form, Male Life History, collected data from husbands of the Panel women, selected sons and sons-in-law, and husbands of New Sample women. Data on marital, work, and migration histories; education; and family background were recorded. The MF24 form, Senior Life History, was administered to selected persons aged 50 or more and contained questions on marriages, children living elsewhere, literacy, work experience, migration history, health, and family background. The MF25 form, Household Economy, collected data on household economy from all households interviewed in this wave. Forms MF26 and MF27 were used to generate community-level data subfiles for this collection. Part 97 (MF26DIST--District-Level Data) contains one record for each of the 78 districts of Peninsular Malaysia. This file provides information (most of which pertains to 1988, but some of which dates back to 1970) on health services (e.g., number of hospitals, health centers, and doctors); family planning services (e.g., number of family planning clinics, contraceptive use); birth, death, and fertility rates; number of

primary and secondary schools; ethnic distributions; and industrial and occupational distributions. Part 98 (MF26EB--Community-Level Data) contains one record for each of the 398 Enumeration Blocks selected for MFLS-2 and the 52 Primary Sampling Units used in MFLS-1. This file gives the current status of family planning services, general health services, schools, water and sanitation, housing costs, agriculture, transportation, population, urban/rural status, and government programs. Part 99 (MF27COMM--Community-Level Data) offers data for the same units as Part 98 and contains similar information, along with retrospective data on family planning services, health services, schools, and water treatment.

UNIVERSE: (1) All married women aged 50 or younger living in Peninsular Malaysia, (2) all children aged 18 or older living in Peninsular Malaysia, (3) all women under age 18 ever married and women between 18 and 49 living in Peninsular Malaysia, (4) all persons aged 50 and older living in Peninsular Malaysia.

SAMPLING: Four samples were drawn for this study: Panel, Children, New, and Senior. (1) Those eligible for the Panel Sample were 1,262 women who were the primary respondents in the First Malaysian Family Life Survey in 1976. At that time, all had been married and were aged 50 or younger. In the second wave, 889 of these Panel respondents completed the Female Life History Questionnaire, a follow-up rate of 72 percent of those eligible. The husbands of these respondents were also interviewed if living in the household. (2) The Children Sample consisted of children of the women eligible for the study aged 18 or older. There were interviews with one child, selected at random, living elsewhere in Peninsular Malaysia. (3) The New Sample consisted of women aged 18-49 (regardless of marital status) or ever-married women under age 18. (4) The Senior Sample consisted of 1,357 persons aged 50 or older.

NOTE: The codebook, data collection instruments, and other documentation are provided as Portable Document Format (PDF) files. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat Reader is provided through the ICPSR Website on the Internet.

EXTENT OF COLLECTION: 99 data files + machine-readable documentation (PDF) + SAS data definition statements + SPSS data definition statements + data collection instruments (PDF)

EXTENT OF PROCESSING: CONCHK.PR/ UNDOCCHK.PR/ DDEF.ICPSR/ REFORM.DATA/ REFORM.DOC/ SCAN

DATA FORMAT: Logical Record Length with SAS and SPSS data definition statements

Part 1: New and Senior: MFLS-2 Tracking Record
Part 2: New and Senior: MF21SUM--Household Roster: Summary Record
Part 3: New and Senior: MF21ROST--Household Roster
Part 4: New and Senior: MF22SUM--Female Life History: Summary Record
Part 5: New and Senior: MF22MARR--Female Life History: Marriages
Part 6: New and Senior: MF22PSUM--Female Life History: Summary of Pregnancies
Part 7: New and Senior: MF22PREG--Female Life History: Pregnancies
Part 8: New and Senior: MF22CONT--Female Life History: Contraception
Part 9: New and Senior: MF22MENS--Female Life History: Menstruation History and Desire for Children
Part 10: New and Senior: MF22CARE--Female Life History: Child Care
Part 11: New and Senior: MF22EDEX--Female Life History: Education Expenses
Part 12: New and Senior: MF22ED--Female Life History: Education
Part 13: New and Senior: MF22TRN--Female Life History: Training
Part 14: New and Senior: MF22MIG--Female Life History: Migration and House Characteristics
Part 15: New and Senior: MF22WORK--Female Life History: Work History
Part 16: New and Senior: MF22BACK--Female Life History: Family Background
Part 17: New and Senior: MF22HP1--Female Life History: Help for Own Parents
Part 18: New and Senior: MF22HP2--Female Life History: Help From Own Parents
Part 19: New and Senior: MF22HC1--Female Life History: Help for Grown Children
Part 20: New and Senior: MF22HC2--Female Life History: Help From Grown Children
Part 21: New and Senior: MF22EVAL--Female Life History: Interview Evaluation
Part 22: New and Senior: MF23SUM--Male Life History: Summary Record
Part 23: New and Senior: MF23MARR--Male Life History: Marriages
Part 24: New and Senior: MF23ED--Male Life History: Education
Part 25: New and Senior: MF23TRN--Male Life History: Training
Part 26: New and Senior: MF23MIG--Male Life History: Migration History
Part 27: New and Senior: MF23WORK--Male Life History: Work History

Part 79: Panel and Children: MF22HC2--Female Life History: Help
    From Grown Children
Part 80: Panel and Children: MF22EVAL--Female Life History:
    Interview Evaluation
Part 81: Panel and Children: MF23SUM--Male Life History: Summary
    Record
Part 82: Panel and Children: MF23MARR--Male Life History: Marriages
Part 83: Panel and Children: MF23ED--Male Life History: Education
Part 84: Panel and Children: MF23TRN--Male Life History: Training
Part 85: Panel and Children: MF23MIG--Male Life History:
    Migration History
Part 86: Panel and Children: MF23WORK--Male Life History: Work
    History
Part 87: Panel and Children: MF23BACK--Male Life History: Family
    Background
Part 88: Panel and Children: MF23HP1--Male Life History: Help for
    Own Parents
Part 89: Panel and Children: MF23HP2--Male Life History: Help
    From Own Parents
Part 90: Panel and Children: MF23EVAL--Male Life History:
    Interview Evaluation
Part 91: Panel and Children: MF25SUM--Household Economy: Summary
    Record
Part 92: Panel and Children: MF25POS1--Household Economy:
    Household Possessions
Part 93: Panel and Children: MF25POS2--Household Economy:
    Household Ownership and Expenses
Part 94: Panel and Children: MF25INC--Household Economy:
    Income-Producing Activities
Part 95: Panel and Children: MF25OTH--Household Economy: Other
    Sources of Income
Part 96: Panel and Children: MF25EVAL--Household Economy:
    Interview Evaluation
Part 97: MF26DIST--District-Level Data
Part 98: MF26EB--Community-Level Data
Part 99: MF27COMM--Community-Level Data

File Structure: rectangular
Cases: 78 to 15,371 cases per part
Variables: 4 to approx. 390 variables per part
Record Length: 26 to 1,388 per part
Records Per Case: 1

Part 100: Codebook Volume 1:   Part 101: Codebook Volume 2:
    "Introduction" Through "MF22:   "MF23: Male Life History"
    Female Life History"   Through "MF26EB:
                                        Community-Level Data
                                        From MF26"

RAND

The Second Malaysian Family Life Survey

Codebook

Christine E. Peterson, Jeffrey Sine,
Deborah Wesley

PREFACE

This document contains the Codebook for data collected in the Second Malaysian Family Life Survey (MFLS-2), carried out in Peninsular Malaysia in 1988–1989. MFLS-2 was a collaborative project of RAND and the National Population and Family Development Board (NPFDB) of Malaysia, with support from the (United States) National Institute of Child Health and Human Development and the National Institute on Aging. Julie DaVanzo and John Haaga were the RAND project directors. Tan Boon Ann and Tey Nai Peng were the NPFDB project directors. Ellen Starbird assisted with the development of the questionnaires and with the interviewer training in Malaysia. Christine Peterson has been the chief programmer for the MFLS-2 data.

MFLS-2 was, in part, a follow-up to the original Malaysian Family Life Survey, which was fielded in three rounds in 1976–1977. Both surveys produced household-level retrospective and current data from women and their husbands, covering traditional topics of demographic research (fertility, nuptiality, migration, mortality, employment, household composition), as well as social, economic, and community-level factors affecting family decisionmaking. MFLS-2 added a sample of older Malaysians (the Senior Sample) to support research on their living standards, health, and intergenerational transfers.

This document will be essential for all those using the MFLS-2 data for analyses. The Codebook provides detailed descriptions of all variables and their locations in the MFLS-2 data files. The Codebook also presents information on cases that are known anomalies.

Other RAND publications essential for users of the MFLS-2 data include:

- MR-106-NICHD/NIA, *The Second Malaysian Family Life Survey: Overview and Technical Report*, by John Haaga, Julie DaVanzo, Christine Peterson, Tey Nai Peng, and Tan Boon Ann. This document provides some background information about Malaysia and discusses the purpose, design, training, fieldwork, and response rates for MFLS-2.

- MR-107-NICHD/NIA, *The Second Malaysian Family Life Survey: Survey Instruments*, by Julie DaVanzo, John Haaga, Tey Nai Peng, Ellen Starbird, and Christine E. Peterson with the Staff of the

Population Studies Center of the National Population and Family Development Board of Malaysia. The document presents the actual questionnaires used in MFLS-2 and the Interviewer's Instruction Manual. The development of the instruments is discussed, as are the findings of debriefings with the field staff during and after the fieldwork.

- MR-109-NICHD/NIA, *The Second Malaysian Family Life Survey: User's Guide*, by Christine Peterson. This document provides descriptions of the MFLS-2 data format and the MFLS-2 data files and presents guidelines regarding how to use the data, with special focus on identifying individuals of interest and linking the various types of data.

Another document that may be useful to MFLS-2 users is:

- MR-110-NICHD (forthcoming), *The Second Malaysian Family Life Survey: Quality of Retrospective Data*, by Jeffrey Sine and Christine Peterson. This document assesses the quality of the retrospective data for the MFLS-2 New Sample on marital status, fertility, infant and fetal mortality, birthweight, contraception, breastfeeding, and education.

Persons interested in learning more about the 1976–1977 Malaysian Family Life Survey (MFLS-1) or using data from that survey should consult the following RAND publications:

- R-2351-AID, *The Malaysian Family Life Survey: Summary Report*, March 1978, by William P. Butz and Julie DaVanzo.
- R-2351/1-AID, *The Malaysian Family Life Survey: Appendix A, Questionnaires and Interviewer Instructions*, March 1978, by William P. Butz, Julie DaVanzo, Dorothy Z. Fernandez, Robert Jones, and Nyle Spoelstra.
- R-2351/3-AID, *The Malaysian Family Life Survey: Appendix C, Field and Technical Report*, March 1978, by Robert Jones and Nyle Spoelstra.
- R-2351/4-AID, *The Malaysian Family Life Survey: Appendix D, Descriptions of Sample Communities*, March 1978, by Fahmi Omar.

- R-2351/5-AID, The Malaysian Family Life Survey: Appendix E, Master Codebook, January 1982, by Terry Fain and Tan Poh Kheong.

The MFLS-1 data have been reorganized into files that more closely resemble the format of the MFLS-2 data, to make it easier for users to combine the MFLS-1 and MFLS-2 data in analyses. These reformatted MFLS-1 files are described in:

- MR-111-NICHD, *The First Malaysian Family Life Survey: Documentation for Subfiles*, 1993, by Christine Peterson and Nancy Campbell.

CONTENTS

TABLES

ACKNOWLEDGMENTS

1. INTRODUCTION

The Second Malaysian Family Life Survey (MFLS-2) database consists of 58 separate subfile types, each of which represents a section of the MFLS-2 survey. Two versions of each file type exist (with the exception of MF20, the roster update from the First Malaysian Family Life Survey (MFLS-1), and MF24, the Senior questionnaire): one for the New and Senior samples, and one for the Panel and Children samples. This Codebook describes the variables included in each of the 58 subfiles. The descriptions apply to both sets of samples. The Codebook also presents special notes about many variables that help provide further insight into the observed responses. In addition, the Codebook describes the three community data files, one at the district level and two at the Enumeration Block (EB)/Primary Sampling Unit (PSU) level.

This Codebook should be used in conjunction with the *Survey Instruments*[1] and the MFLS-2 *User's Guide*.[2] While the Codebook describes the contents of the MFLS-2 subfile data sets, the Survey Instruments report provides the details regarding the actual questions asked and the motivation behind those questions. The User's Guide discusses the file structure of the MFLS-2 database and addresses issues about identifying individuals of interest and linking the various subfile types to produce analytic files.

A fourth document, the *Overview and Technical Report*,[3] provides detailed information on the sampling frame, fieldwork, and response rates.

Below we briefly describe the samples collected in MFLS-2. We then review the contents of this Codebook and present descriptions of a few key variables found throughout the subfiles. The sort order of the data is then presented and is followed by a quick overview of the Codebook page layout.

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[1]*The Second Malaysian Family Life Survey: Survey Instruments,* MR-107-NICHD/NIA, Julie DaVanzo, John G. Haaga, Tey Nai Peng, Ellen Starbird, and Christine E. Peterson, RAND, 1993.

[2]*The Second Malaysian Family Life Survey: User's Guide,* MR-109-NICHD/NIA, Christine E. Peterson, RAND, 1993.

[3]*The Second Malaysian Family Life Survey: Overview and Technical Report,* MR-106-NICHD/NIA, John G. Haaga, Julie DaVanzo, Christine E. Peterson, Tey Nai Peng, and Tan Boon Ann, RAND, forthcoming.

SAMPLES COLLECTED IN MFLS-2

Four samples of the household population of Peninsular Malaysia were interviewed in MFLS-2: Panel, Children, New and Senior.

Those eligible for the **Panel Sample** were 1,262 women who were the primary respondents to MFLS-1 in 1976. At that time, all had been married and were aged 50 or younger. In MFLS-2, 889 of these Panel respondents completed the Female Life History questionnaire, a follow-up rate of 72 percent of those eligible. The husbands of Panel respondents were also interviewed if living in the household (768 husbands, of which 717 had been interviewed in MFLS-1).

The **Children Sample** consisted of children aged 18 or older of the women interviewed as primary respondents for MFLS-1; that is, sons or daughters of the women eligible for the MFLS-2 Panel Sample. There were interviews with one child, selected at random, still living in the same household with the Panel respondent, and as many as two children, selected at random, living elsewhere in Peninsular Malaysia. There were 1,096 primary respondents in the Children Sample (73 percent of those selected for interview), of whom 499 were living in the Panel household and 597 were living elsewhere. Of the primary respondents interviewed, 587 were daughters and 509 were sons of original MFLS-1 respondents. If the selected child was married, the spouse was also interviewed (303 husbands and 191 wives completed life histories).

The **New Sample** consisted of women aged 18–49 (regardless of her marital status) or an ever-married woman under age 18. There were 2,184 primary respondents in the New Sample, of whom six were ever-married women under age 18, and 338 had never been married. Husbands of married respondents were interviewed if living in the household (1,642 husbands in total were interviewed). Response rates were very high for this sample: 98 percent of women and 96 percent of their husbands.

The **Senior Sample** consisted of 1,357 persons (671 men and 686 women) aged 50 or older. Of these, 633 lived in the same households as members of the New Sample. Unlike the previous three samples, the spouses of senior respondents were not interviewed. Of the seniors selected, 97 percent were interviewed.

Households for the New and Senior samples were located in 398 EBs, randomly selected to be representative of Peninsular Malaysia. Households headed by Indians were sampled at twice the rate of other ethnic groups to provide sufficient sample sizes for analyses within each of Malaysia's major ethnic groups.

Community-level data were collected for each of the 398 EBs covered by the New and Senior samples, as well as for the 52 Primary Sampling Units that composed the sample for MFLS-1.

CODEBOOK CONTENTS

The MFLS-2 database comes in two forms: raw rectangular files and SAS® transport files.[4] For each subfile, the Codebook provides variable locations for use with raw data versions and variable names for use with the SAS data versions. The question number represented by the variable is listed to provide an easy link between the questionnaire and the Codebook variables in the questionnaire's associated subfiles. The question number also helps the user relate the discussions in the Interviewer's Instruction Manual to a given variable.

Special notes are presented at the end of each subfile's documentation. These notes include more detailed information on selected variables and/or their values plus citations for specific cases that may be of interest to the user.

The Codebook contains numerous appendices. Malaysian state code definitions are in Appendix A, Malaysian district code definitions are in Appendix B, Appendix C contains the occupation code descriptions, and Appendix D presents a list of the sampling areas used in MFLS-2 and MFLS-1. Appendices E to AA provide facility names for the community data files.

CODEBOOK ORGANIZED BY MFLS-2 QUESTIONNAIRES

The subfiles are grouped by MFLS-2 questionnaire. Each questionnaire represents a section of this Codebook. Table 1.1, which follows the questionnaire section descriptions below, provides a quick reference to the subfiles described in this Codebook. Below we briefly describe the seven household survey and three community data questionnaires covered in this Codebook.

Section 2: Tracking (Response to MFLS-2)

Tracking data were collected on all households chosen for interview in MFLS-2. The tracking form gathered information on the overall disposition of the MFLS-2 survey and for the relevant individual questionnaires. The numbers of individuals eligible for the New, Senior, and Children samples were recorded as well for households that were at least partially interviewed.

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[4]SAS is a database management and statistical software package produced by the SAS Institute of Cary, North Carolina, and is widely used throughout the research community.

Section 3: MF20 (MFLS-1 Roster Update and List of Eligible Children)

MF20 was administered to the Panel Sample respondents. It collected information on the current location of all persons who lived in MFLS-1 households and of all other own children of MFLS-1 primary respondents. MF20 was used to trace those children living elsewhere who were eligible for the Children Sample.

Section 4: MF21 (MFLS-2 Household Roster)

MF21 elicited data on the characteristics of all current members of all MFLS-2 households, plus those who had lived in the household for at least 3 of the past 12 months.

Section 5: MF22 (Female Life History)

MF22 was administered to all female primary respondents in the Panel, Children, and New samples, and to the wives of all male primary respondents in the Children Sample. MF22 collected retrospective data on pregnancies and related events, marriages, migration, education and training, and work, and it also included data on child care and educational expenses, family background, and intergenerational transfers between the respondent and her parents and between the respondent and her children.

Section 6: MF23 (Male Life History)

MF23 was administered to all male primary respondents in the Children Sample and to current husbands of all female primary respondents in the Panel, Children, and New samples. (In the New Sample, 129 husbands aged 50 and over were selected as respondents for the Senior Sample because they were the only household member eligible for the Senior Sample. These husbands were administered MF24 instead of MF23). MF23 collected retrospective data on marriages, migration, education and training, and work, and it also included data on family background and on intergenerational transfers between the respondent and his parents.

Section 7: MF24 (Senior Life History)

MF24 was administered to all respondents in the Senior Sample. It collected retrospective data on marriages, children, migration, and work, and it also included data on family background, intergenerational transfers, and health and functional status.

Section 8: MF25 (Household Economy)

MF25 was administered to all MFLS-2 households and collected information, for each individual household member, on all sources of income during the 12 months preceding the survey. These include jobs; businesses; cottage industry; fishing; farming; interest, dividends, and pensions; and transfer payments from the government and from individuals outside the household. Some information on housing, property ownership, and household expenditures was also collected.

Section 9: MFLS-2 Community Data Introduction

This section describes the three community data files: MF26 community-level data (MF26EB), MF27 community-level data (MF27COMM), and district-level data (MF26DIST). The section also includes a discussion of the overlap of MF26 and MF27 data and data quality issues, and it presents information on how to link the community data files to the rest of the MFLS-2 database.

Section 10: MF26EB (MF26 Community-Level Data)

MF26EB was administered in each of the 398 Enumeration Blocks selected for MFLS-2 and the 52 Primary Sampling Units used in MFLS-1. This file provides information on a large number of topics related to the current status of family planning services, general health services, schools, water and sanitation, housing costs, agriculture, transportation, population, urban/rural status, and government programs.

Section 11: MF27COMM (MF27 Community-Level Data)

MF27COMM was administered in each of the 398 Enumeration Blocks selected for MFLS-2 and the 52 Primary Sampling Units used in MFLS-1. MF27COMM provides information on the current status of family planning services, general health services, and schools, plus retrospective data regarding family planning services, health services, schools, and water treatment. The retrospective data refer to the facilities and services that were available immediately prior to the current ones. Some of the information found in MF26EB was recollected for MF27COMM.

Section 12: MF26DIST (District-Level Data)

MF26DIST contains one record for each of the 78 administrative districts of Peninsular Malaysia. It provides information on health services (e.g., number of

hospitals, number of health centers, and number of doctors), family planning services (e.g., number of family planning clinics and of contraceptive users), birth rates, death rates, fertility rates, number of primary and secondary schools, ethnic distributions, and industrial and occupational distributions. Most variables have 1988 values available; some have values back to 1970.

IDENTIFIER VARIABLE DESCRIPTIONS: HOUSEHOLD SURVEY

The key identification variables across all household survey subfiles regardless of sample are: CASE, SPLIT, PERSON, SERIES, and HHTYPE. Below we will describe each variable rather than repeat the descriptions throughout the Codebook. Community data identifier variables are also discussed below.

CASE: Household Number

The variable CASE contains the household identification number. For those in the Panel and Children sample, CASE ranges from 1 to 2198 and is the same case number used in the 1976 MFLS-1 survey. The values of CASE greater than 3000 represent households in the New and Senior sample. Households with case numbers 3001 to 6999 are households selected for the New Sample whose household members aged 50 or older were eligible for the Senior Sample. Households with case numbers 7000 to 8999 represent households picked solely for the Senior Sample. This additional set of Senior-only households was picked to ensure an adequate sample of seniors. This is described in more detail in the MFLS-2 Overview and Technical Report.

SPLIT: Split-off Household

For the Panel and Children sample, the variable SPLIT indicates whether the household is the main Panel household (which may also contain one child still living at home who is in the Children Sample) or a "split-off" household containing one of the selected children living elsewhere (CLE). SPLIT=0 represents the Panel household; SPLIT=1 refers to the first CLE household and SPLIT=2 refers to the second CLE household, if CLE households exist.

Within the New and Senior sample, the variable SPLIT indicates whether a Senior respondent living in the same living quarter (LQ) as the New Sample woman respondent actually belongs to a separate household.[5] SPLIT=0 for all but 4 cases in

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[5]A separate household exists if the Senior does not eat from the same pot as the family of the New Sample respondent.

the New and Senior data. In those 4 cases, interviewers determined that the Senior respondent lived in a separate household from the New Sample respondent and assigned SPLIT=1 to those 4 senior households while keeping the CASE value the same as for the New Sample respondent.

Table 1.1

MFLS-2 Subfiles and Sample Sizes[a]

File Name	File Description	Sample Sizes	
		New and Senior	Panel and Children
TRACKING	Tracking data information	4557	2209
MF20SUM	Summary information for MF20[b]	na	926
MF20CHLD	Update on MFLS-1 woman's children age 18+	na	3032
MF20OTH	Update on other MFLS-1 household members	na	3637
MF21SUM	Summary information for MF21	2917	1523
MF21ROST	Demographic data on MFLS-2 household members	15371	8447
MF22SUM	Summary information for MF22	2184	1676
MF22MARR	Marriage history: marriage changes	2302	1867
MF22PSUM	Summary of pregnancy outcomes	1846	1446
MF22PREG	Pregnancy history	8933	8753
MF22CONT	Contraceptive use history	8933	8753
MF22MENS	Menstrual history/desire for children	1846	1446
MF22CARE	Child care for children under age 6	1845	1443
MF22EDEX	Education expenses for children in school	3533	2670
MF22ED	Literacy and education experiences	2184	1675
MF22TRN	Training: two longest events	2184	1676
MF22MIG	Migration history: dwelling changes	9904	7255
MF22WORK	Work history: type of work changes	3903	2930
MF22BACK	Family background	2181	1675
MF22HP1	Help given to non-resident parents	2182	1676
MF22HP2	Help received from non-resident parents	1602	1017
MF22HC1	Help given to non-resident grown children	2182	1676
MF22HC2	Help received from non-resident grown children	257	603
MF22EVAL	Evaluation of MF22 interview[c]	2182	1675
MF23SUM	Summary information for MF23	1513	1550
MF23MARR	Marriage history: marriage changes	1622	1804
MF23ED	Literacy and education experiences	1513	1550
MF23TRN	Training: two longest events	1513	1550

Table 1.1—continued

File Name	File Description	New and Senior	Panel and Children
		Sample Sizes	
MF23MIG	Migration history: district changes	6709	5815
MF23WORK	Work history: type of work changes	4924	4678
MF23BACK	Family background	1513	1550
MF23HP1	Help given to non-resident parents	1512	1550
MF23HP2	Help received from non-resident parents	1135	738
MF23EVAL	Evaluation of MF23 interview	1513	1550
MF24SUM	Summary information for MF24	1357	na
MF24MARR	Marital history	1357	na
MF24CHLD	Demographics for children living elsewhere	4755	na
MF24LANG	Literacy and language capability	1357	na
MF24MIG	Migration history: district changes	4317	na
MF24MIG2	Water and sanitation facilities (if no MF22)	1357	na
MF24WORK	Work history	1357	na
MF24BACK	Family background	1357	na
MF24HP1	Help given to non-resident parents	1357	na
MF24HC1	Help given to non-resident grown children	1357	na
MF24HC2	Help received from non-resident grown children	1187	na
MF24HO1	Help given to other relatives: money/food	1357	na
MF24HO2	Help given to other relatives: child/home care	1357	na
MF24HO3	Help given to other relatives: business	1356	na
MF24HO4	Help received from other relatives: money/food	1357	na
MF24HO5	Help received from other relatives: home care/business	1357	na
MF24HLTH	Health status	1357	na
MF24EVAL	Evaluation of M24 interview	1357	na
MF25SUM	Summary information for MF25	2899	1512
MF25POS1	Household possessions	2899	1512
MF25POS2	Home ownership and household expenses	2899	1512
MF25INC	Income earning activities of household members	6191	3705
MF25OTH	Other income sources	2458	1498
MF25EVAL	Evaluation of MF25 interview	2898	1512
MF26EB	MF26 Community-level data information (EB/PSU)	398	450 52
MF27COMM	MF27 Community-level data information (EB/PSU)	398	450 52
MF26DIST	District-level data information (DISTRICT)	78	78 78

[a]Sample sizes vary because of unit of observation, skip patterns, and non-response to subsections of questionnaires. For example, MF22PREG has pregnancies as the unit of observation; MF22PSUM is answered only by ever-married women; MF22EVAL has fewer than 2184 records in the New Sample because the evaluation was not completed for two women.

[b]Summary information subfiles contain items such as respondent identifiers, interview dates, interview length, questionnaire disposition, geographic location, weighting variables (where relevant), and the number of records in each subfile associated with the questionnaire.

[c]Evaluation subfiles contain the interviewer's opinion/observations about the overall quality of the respondent's answers to the questionnaire, namely how interested the respondent was in the interview, and how reliable the interviewer felt the respondent's answers may be.

PERSON: Person Number

The variable PERSON represents the individual's person number from the Household Roster (MF21). The values run from 1 to the number of people listed in the roster. The variables CASE, SPLIT, and PERSON, then, uniquely define an individual across all households. For the Panel and Children sample, PERSON is not related to the individual's person identifier found in the MFLS-1 survey. A separate variable called MFLS1, found on the MF21 Household Roster and the MF20 files, contains the original person identifier from the 1976 survey.

SERIES: Sort Variable for Multiple Questionnaires per Household

The variable SERIES indicates whether the given record is the first or second respondent to the given questionnaire within the same household. The first digit represents the questionnaire (0=MF20, 1=MF21, 2=MF22, 3=MF23, 4=MF24, and 5=MF25) and the second digit has a value of 1 or 2 depending on whether the record belongs to the first or second person to get the questionnaire.

SERIES only comes into play with the Panel and Children sample and then only for MF22 and MF23 records. A Panel household where both the Panel woman and her daughter or daughter-in-law were interviewed will have two MF22 respondents; two MF23 respondents may exist if both the Panel woman's husband and her son/son-in-law are interviewed. A CLE household may also have two people with an MF22 and/or MF23 if both selected CLEs share the same household.[6] The variable SERIES provides an easy way of locating the second MF22 or MF23 within Panel and Children sample households. As long as users link MF22/MF23 subfiles using CASE, SPLIT, and PERSON, users need not worry about mistakenly matching data from the first MF22/MF23 with that of the second.

In MF20, MF21, MF24, and MF25 files, SERIES is a static number with values of 1, 11, 41, and 51, respectively. For the New Sample, SERIES is also a static variable in MF22 and MF23 with values of 21 and 31, respectively. But for MF22 and MF23 in the Panel and Children samples, there are cases where SERIES=22 and 32 as well as the majority of the cases where it equals 21 or 31.

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[6]There are 14 such households in the Panel and Children sample. The CASE numbers for those households are presented in the TRACKING data section of the Codebook.

HHTYPE: Household Type

The variable HHTYPE defines what types of respondents are found in the household; that is, persons who were interviewed. In the Panel and Children sample, HHTYPE indicates if a household has only a Panel respondent (HHTYPE=4), only a Children Sample respondent (HHTYPE=5), or both (HHTYPE=6). Panel and Children sample households with SPLIT>0 are always HHTYPE=5; SPLIT=0 households may have HHTYPE=5 if the Panel woman did not complete MF22.

In the 398 EBs selected for the New and Senior samples there are three alternative household types: Households may have only a New Sample respondent (HHTYPE=7), only a Senior Sample respondent (HHTYPE=8), or both (HHTYPE=9). A household that had respondents eligible for both MF22 and MF24 will be HHTYPE=8 if MF22 could not be completed and HHTYPE=7 if MF24 could not be completed. Households selected solely for the Senior Sample (CASE>7000) will only be HHTYPE=8 (even if the household also contained a woman who would have been eligible for the New Sample).

COMMUNITY LOCATION VARIABLES

There are two sets of community location variables in MFLS-2: EB and EBSECT for the New and Senior sample; and PSU for the Panel and Children sample. EB and EBSECT appear only in the New and Senior TRACKING and MF summary subfiles; PSU appears only in the Panel and Children TRACKING, MF20, and MF summary subfiles. The district location variable, DISTRICT, is common across all four MFLS-2 samples. A fourth location identifier, SERIALNO, appears only on the MF26 and MF27 community data files (MF26EB and MF27COMM).

EB and EBSECT: Enumeration Block Identifiers

These variables uniquely define the Enumeration Block from which the LQ containing the New/Senior household was drawn and is the finest geographic breakdown describing the household's current location. EB is a 7-digit number and EBSECT is a 3-digit *character* variable that identifies an EB sector. Many EBs have only one sector and in those cases, EBSECT is 000. The EB and EBSECT variables can be linked to the MF26 Community-Level Data, which contain information on family planning and health services, schools, and other infrastructure measures for the 398 enumeration blocks from which the New/Senior sample was selected. Appendix D provides a listing of the district and state location for each EB/EBSECT code.

PSU: Primary Sampling Unit from the MFLS-1 Survey

The variable PSU, on the other hand, does not necessarily represent the current location of Panel and Children Sample respondents. PSU is simply the 6-digit code for the original Primary Sampling Unit from which the MFLS-1 households were drawn in 1976.[7] Thus, PSU does not necessarily represent the current residence of the Children Sample members nor that of Panel Sample households that have moved since 1976. Because of this, the interviewers recorded the district of current residence (the variable DISTRICT) on the tracking form. PSU-level data in the MF26 community data are only relevant for Panel households that have not changed district since 1976. For Panel and Children households that do live in a different district from where the MFLS-1 household lived in 1976, the only contemporaneous community data available are district-level data.

The MFLS-1 follow-up aspect of the MFLS-2 survey meant that the Panel respondents and their selected children were found all over Malaysia. Had interviewers been able to determine the Enumeration Block in which the located Panel/Children household resided (a difficult and time-consuming task), the resulting number of Enumeration Blocks would have been very large and may have had little if any overlap with the 398 Enumeration Blocks used in the New/Senior sample and in the MF26 community data survey.

Appendix D lists the PSU codes found in the MFLS-1 sample and their attendant district and state locations.

DISTRICT: District Code

The variable DISTRICT is found on all three community data files, on the TRACKING data file, and on the migration history subfiles (MF22MIG, MF23MIG, and MF24MIG). The coding is the same across all files and thus can be used to link district-level data among them. The district codes used in MFLS-2 represent those used in the 1980 Malaysian Census. The 1980 district codes differ somewhat from the district codes used in 1976 for MFLS-1. Appendix B presents a crosswalk between the MFLS-2 and MFLS-1 district codes.

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[7]There is not a one-to-one mapping between PSUs and EBs. PSUs are no longer used in Malaysia and have been replaced by the much smaller Enumeration Block.

SERIALNO: Sequence Number for Community-Level Data

The variable SERIALNO found on the MF26 and MF27 community-level data files represents the sequence number of the EB/PSU record. This sequence number is the same across both the MF26 and MF27 files and can be used to easily link those two files. SERIALNO appears on no other MFLS-2 database subfile.

SORT ORDER FOR MFLS-2 SUBFILES

Table 1.2 lists the sort order for the subfiles within a given MF questionnaire. Most subfiles are sorted by CASE, SPLIT, and PERSON. The exceptions, which are noted in Table 1.2, are the MF20 subfiles (which have no SPLIT or PERSON variables), the TRACKING subfiles (which do not have PERSON), and all but two of the MF25 subfiles. MF25 is basically a household-level questionnaire; only the income activity files are at the person level. The community data files use different sort variables: MF26EB and MF27COMM are sorted by SERIALNO, and MF26DIST is sorted by DISTRICT.

CODEBOOK PAGE LAYOUT

Within a given subfile, the variables are presented in the order in which they appear on the file. The subfile is identified at the bottom of the page; the MF questionnaire (e.g., MF22, MF23) containing the variables is listed at the top of the page.

For each variable, we provide the column location (for use with the raw file versions of the data), the length of the variable, the variable name (this name matches that used in the SAS file versions of the data), a brief variable description, and definition of code values. The question number within the MF relating to the variable is also presented so that users can easily link a variable to its location in the MF questionnaire.

Table 1.2

Sort Order of Subfiles by MF Questionnaire

MF Questionnaire	Sorted By	Comments/Exceptions
TRACKING	CASE SPLIT	
MF20	CASE MFLS1	MF20SUM is household level only and is sorted by just CASE
MF21	CASE SPLIT PERSON	MF21SUM is household level only and is just sorted by CASE SPLIT
MF22	CASE SPLIT PERSON	Subfiles with multiple records per person are sorted by CASE SPLIT PERSON and the relevant sequence number variable
MF23	CASE SPLIT PERSON	Subfiles with multiple records per person are sorted by CASE SPLIT PERSON and the relevant sequence number variable
MF24	CASE SPLIT PERSON	Subfiles with multiple records per person are sorted by CASE SPLIT PERSON and the relevant sequence number variable
MF25	CASE SPLIT	MF25INC and MF25OTH are sorted by CASE SPLIT PERSON to identify the individual associated with a given income activity
MF26EB and MF27COMM	SERIALNO	Sequence number represents no particular order; data is not sorted by STATE or DISTRICT
MF26DIST	DISTRICT	District numbers run 1 to 78 with the districts of STATE=1 appearing first and STATE=12 appearing last

2.   TRACKING SUBFILE

MFLS-2 TRACKING RECORD

Cols	Length	Variable Name	Description and Codes

1-1	1	HHTYPE	Household Type

4 = Panel
5 = Children
6 = Panel and Children
7 = New
8 = Senior
9 = New and Senior

2-3	2	QNO	Questionnaire Number

0 = Tracking Record

4-7	4	CASE	Household Number

1-2198 = Panel or Children
3000-6999 = New or Senior
7000-8999 = Senior only

8-8	1	SPLIT	Whether Split-off Household

0 = Not split off
1 = First split-off
2 = Second split-off

See discussion in Section I

Cols   Length   Variable Name   Description and Codes

9-15	7	EB/PSU	Sampling Unit Location Identifier EB for New/Senior data (1988 place) PSU for Panel/Children data (1976 place) See Appendix D for codes See discussion in Section I

16-18	3	EBSECT	EB Sector Identifier
			for New/Senior data only
			(Character data)
			
			    A00
			    B00
			    C00
			    ...
			    ...
			    etc.
			
			To be used with EB to define a location
			See Appendix D for codes

19-21	3	LQ	Living Quarter Number (New/Senior only)

Cols   Length   Variable Name   Description and Codes

22-23	2	DISP	Final Disposition Code

Codes for New and Senior Samples:

  0 = No eligible respondent for New
     or Senior Samples
 20 = Complete
 21 = Partially complete (not all
     required forms completed)
 22 = LQ demolished
 23 = LQ vacant
 24 = LQ not a dwelling unit
 25 = Never home
 26 = Complete refusal
 27 = Language problem
 28 = Other final outcome (specify)

Codes for Panel and Children Samples:

 30 = Complete
 31 = Partially complete (not all
     required forms completed)
 32 = Panel Sample member died,
     children not located
 33 = Moved, unable to locate
 34 = Complete refusal
 35 = Language problem
 36 = Other final outcome (specify)

Additional Codes for New and Senior
Samples:

 71 = Ill, deaf, bedridden, senile
 72 = Family returned to kampung
     while husband away on navy duty
 73 = Went to home village to give birth
     (confinement)
 74 = Moved or died by time of follow-up
     round

24-25	2	DISTRICT	District Code of Current Residence

See Appendix B for codes

See Notes below

MFLS-2 Tracking Record--TRACKING

Cols	Length	Variable Name	Description and Codes
26-27	2	NVISITS	Number of Visits Made to Household

Cols	Length	Variable Name	Description and Codes
28-29	2	DAYCOMP	Day Case Completed 1-31

Cols	Length	Variable Name	Description and Codes
30-31	2	MTHCOMP	Month Case Completed 1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December

Cols	Length	Variable Name	Description and Codes
32-33	2	YEARCOMP	Year Case Completed 88 = 1988 89 = 1989

Cols	Length	Variable Name	Description and Codes
34-36	3	MFLS1	MFLS-1 ID Number for Selected Child (Panel/Children Sample Only) See Notes below

TRACKING--MFLS-2 Tracking Record

Cols	Length	Variable Name	Description and Codes

37-38	2	PCMF20	MF20 Completion Code (Panel/Children Sample Only)

    0 = Not applicable
  41 = Completed
  42 = Respondent died
  43 = Respondent moved, address unknown
  44 = Respondent moved outside Peninsular Malaysia
  45 = Respondent moved elsewhere in Peninsular Malaysia
  46 = Break-off
  47 = Refusal
  48 = Language problem
  49 = Respondent never home
  50 = Respondent ill
  51 = Pending: call again
  52 = Pending: appointment made
  53 = Appointment broken
  54 = Other (specify)

Cols	Length	Variable Name	Description and Codes
39-40	2	PCRSEL	Completion Code for Respondent Selection for Children Sample (Panel/Children Sample Only) See codes for PCMF20

Cols	Length	Variable Name	Description and Codes
41-42	2	PCMF21	MF21 Completion Code for Panel and/or Children Sample (Panel/Children Sample Only) See codes for PCMF20

MFLS-2 Tracking Record--TRACKING

Cols	Length	Variable Name	Description and Codes
43-44	2	PCMF22A	MF22 Completion Code for Panel and/or Children Sample (Panel/Children Sample Only) See codes for PCMF20 See Notes below
45-46	2	PCMF22B	Completion Code for Second MF22 for Panel and/or Children Sample (Panel/Children Sample Only) See codes for PCMF20 See Notes below
47-48	2	PCMF23A	MF23 Completion Code for Panel and/or Children Sample (Panel/Children Sample Only) See codes for PCMF20
49-50	2	PCMF23B	Completion Code for Second MF23 for Panel and/or Children Sample (Panel/Children Sample Only) See codes for PCMF20 See Notes below
51-52	2	PCMF25	MF25 Completion Code for Panel and/or Children Sample (Panel/Children Sample Only) See codes for PCMF20

Cols	Length	Variable Name	Description and Codes
53-54	2	NHOME	Total Number of Persons Living at Home Eligible for Children Sample (Panel/Children Sample Only)
55-56	2	NAWAY	Total Number of Persons Living Elsewhere Eligible for Children Sample (Panel/Children Sample Only) See Notes below
57-58	2	NSRSEL	Completion Code for Respondent Selection for New and/or Senior Sample (New/Senior Sample Only) 0 = Not applicable 1 = Completed 2 = Breakoff 3 = Refusal 4 = Language problem 5 = Respondent never home 6 = Respondent ill 7 = Pending: call again 8 = Pending: appointment made 9 = Appointment broken 10 = Other (specify)
59-60	2	NSMF21	MF21 Completion Code for New and/or Senior Sample (New/Senior Sample Only) See codes for NSRSEL

Cols	Length	Variable Name	Description and Codes
61-62	2	NSMF22	MF22 Completion Code for New Sample (New/Senior Sample Only) See codes for NSRSEL
63-64	2	NSMF23	MF23 Completion Code for New Sample (New/Senior Sample Only) See codes for NSRSEL See Notes below
65-66	2	NSMF24	MF24 Completion Code for Senior Sample (New/Senior Sample Only) See codes for NSRSEL
67-68	2	NSMF25	MF25 Completion Code for New and/or Senior Sample (New/Senior Sample Only) See codes for NSRSEL
69-70	2	NNEW	Total Number of Women Eligible for New Sample (New/Senior Sample Only)
71-72	2	NSENIOR	Total Number of Persons Eligible for Senior Sample (New/Senior Sample Only)

Cols   Length   Variable Name   Description and Codes

73-79	7	none	Blank

80-80	1	RACE	Race of Respondent
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

NOTES:

DISTRICT (Col. 24-25): Values for the New and Senior samples
were added based on EB and were not originally recorded by interviewers.
DISTRICT was recorded for Panel and Children households, but is
blank for those Panel and Children households that could not be located.
For the Panel/Children sample, there is no correlation between PSU and
DISTRICT. As mentioned in Section I, PSU is the PSU code of
the 1976 residence and not the 1988 residence represented by the district
code.

MFLS1 (Col. 34-36): For SPLIT=0 households, MFLS1 is the ID
from the first MFLS survey for the selected child living with the panel
member; for SPLIT=1 and SPLIT=2 households, MFLS1 is the
ID for selected children living elsewhere. MFLS1 is blank for
SPLIT=0 households if no eligible child at home existed. MFLS1
is also blank for those few SPLIT>0 households that had no MFLS-1 id
recorded because they could not be located.

There are 15 cases where both selected children living elsewhere (CLE)
lived together in the same household. The CLE household is represented by
SPLIT=1 but only one of the two CLE had his/her MFLS-1 person number
recorded. The second MFLS-1 id for those 15 cases are:

CASE	SPLIT	MFLS1 for 2nd CLE
140	1	17
339	1	17
346	1	13
471	1	13
710	1	12
716	1	13
775	1	14
799	1	13
1038	1	82
1060	1	12

MFLS-2 Tracking Record--TRACKING

```
1188     1              16
1327     1              12
1466     1              12
1862     1              14
1919     1              13
```

PCMF22A(Cols. 43-44): The code for a Panel woman that died is not
always 42; the field may have been coded as a 0 (not applicable) or as a
blank. In some cases, the selected daughter (or daughter-in-law) at home
is coded in PCMF22A and the deceased Panel woman has no dispostion
listed at all. To determine which panel members had died, the best method
is check the Panel woman's record in MF20OTH and see if the variable
WHERE says "died". The Panel woman is the MFLS1 = 2 record in
MF20OTH.

There are 2 cases where the panel woman had died but a child living
elsewhere was interviewed. These cases are 1802-1 and 1947-1.

PCMF22B(Cols. 45-46): The value of this variable will be
non-zero/non-missing in only two types of households: 1) In a Panel and
Children Sample household (HHTYPE = 6), a second MF22 form would be
administered to the daughter or daughter-in-law of the Main Respondent,
depending on the sex of the selected child living at home. 2) If both
selected children living away share a household, a second MF22 form would
be required if a) both children were female; b) both children were male
and both were married (their wives would be the respondents for the two
MF22s); or, (c) one child was female and the other was male and married
(his wife would be the respondent for the second MF22).

PCMF23B(Cols. 49-50): This variable is the equivalent, for male
respondents, to PCMF22B. Its value will be non-zero/non-missing in
only two types of households: 1) In a Panel and Children Sample household
(HHTYPE = 6), a second MF23 form would be administered to the son or
son-in-law of the Main Respondent, depending on the sex of the selected
child living at home and assuming that the Main REspondent herself is
married. 2) If both selected children living away share a household, a
second MF23 form would be required if a) both children were male; b) both
children were female and both were married (their husbands would be the
respondents for the two MF23s); or, (c) one child was male and the other
was female and married (her husband would be the respondent for the second
MF23).

NAWAY (Cols. 55-56): This variable is only relevant for
SPLIT=0 households in the Panel and Children Sample. For all but
two Panel households where the original MFLS-1 respondent died prior to
the MFLS-2 survey, NAWAY equals zero as no children living away were
to be interviewed. For two households (1802 and 1947), the Panel woman had
died but children living away were still interviewed; NAWAY has a
nonzero value for those two cases. NAWAY is also zero for the six

cases where the original MFLS-1 respondent was not selected as the Panel respondent because another household member claimed to be the MFLS-1 respondent. Those six cases are: 519, 1104, 1118, 1213, 1531 and 2111.

NSMF23 (Cols. 63-64): The variable is coded "not applicable" for the 129 cases where the New sample husband was given MF24 instead of MF23. Those husbands received MF24 because they were the only person age 50 and over in the household. MF23 was not additionally administered for fear of overburdening the respondent.

    CASE 3872 has NSMF23 coded as "not applicable" even though the husband is listed in the MF21 household roster. The interviewer said that the husband was not a regular member of the household and was not eligible for MF23.

3.   MF20 SUBFILES: UPDATE ON 1976 HOUSEHOLD MEMBERS

MF20SUM--1976 HOUSEHOLD MEMBERS--Summary Record

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 0 = MF20
3-3	1	RECTYPE	Record Type 1 = Summary Record
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-12	5	none	blank

Cols	Length	Variable Name	Description and Codes
13-19	7	PSU	Primary Sampling Unit Location Identifier from MFLS-1 (1976 place) See Appendix D for codes See discussion in Section I
20-23	4	none	blank
24-24	1	OLDRACE	Race Coded on MFLS-1 1 = Malay 2 = Chinese 3 = Indian 4 = Other
25-26	2	none	Blank
27-28	2	LANGUAGE	Language of Interview from MFLS-1 1 = Malay 2 = Tamil 3 = English 4 = Cantonese 5 = Hokkien 6 = Mandarin 7 = Hakka 8 = Hainanese 9 = Teochew 10 = Other
29-73	45	none	Blank

Cols	Length	Variable Name	Description and Codes
74-75	2	MF20CHLD	Number of MF20CHLD (List of Eligible Children of MFLS-1 Respondent) records
76-77	2	MF20OTH	Number of MF20OTH (List of All Others From MFLS-1 Household) records
78-79	2	MF20TOT	Total Number of MF20 records
80-80	1	none	Blank
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 1 = First MF20 for household Only one MF20 was administered per household; all records have SERIES=1 See discussion in Section I

NOTES:

MF20CHLD--1976 HOUSEHOLD MEMBERS--LIST OF ELIGIBLE CHILDREN

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 0 = MF20
3-3	1	RECTYPE	Record Type 2 = Eligible children
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	none	Blank
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent

MF20CHLD--MF20 List of Eligible Children

Cols	Length	Variable Name	Description and Codes
11-12	2	none	Blank

Cols	Length	Variable Name	Description and Codes
13-18	6	PSU	Primary Sampling Unit Location Identifier from MFLS-1 (1976 place) See Appendix D for codes See discussion in Section I

Cols	Length	Variable Name	Description and Codes
19-21	3	MFLS1	Person Number from MFLS-1

			1 = Male head of household
			2 = Female head of household
			3 = Other wife of male head
			11- 30 = Children of head and wife
			31- 40 = Children of female head
			41- 50 = Children of male head
			51- 60 = Adopted children
			61- 80 = Children of head and wife not living in household
			81- 90 = Children of female head only not living in household
			91- 99 = Children of male head only not living in household
			101-110 = Husbands/wives of 011-060
			111-120 = Grandchildren of head
			121-130 = Adopted grandchildren
			131-150 = Siblings of male head
			151-160 = Siblings of female head
			201-210 = Nephews/nieces of male head
			211-220 = Nephews/nieces of female head

(Continued on next page)

MF20 List of Eligible Children--MF20CHLD

Cols   Length   Variable Name   Description and Codes

| 19-21 | 3 | MFLS1 | Person Number from MFLS-1 (continued) |

                                                 300 = Father of male head
           301 = Mother of male head
           310 = Grandfather of female head
           311 = Grandmother of female head
           320 = Father of female head
           321 = Mother of female head
           330 = Grandfather of female head
           331 = Grandmother of female head
341-350 = Uncles/aunts of male head
351-360 = Uncles/aunts of female head
361-380 = Other related individuals
401-410 = Servants/helpers
501-530 = Non-related boarders/
                   visitors
           999 = Unknown or not applicable

See Notes below

| 22-29 | 8 | BRTHDATE | Date of Birth (Character Data) |

See Notes below

| 30-30 | 1 | SEX | Sex of Child |

    1 = Male
    2 = Female

| 31-31 | 1 | WHERE | Where Living |

    0 = In Household
    1 = Another house in Malaysia
    2 = Another country
    3 = Person has died
    9 = Unknown

See Notes below

Cols	Length	Variable Name	Description and Codes

| 32-33 | 2 | DISTRICT | District of Current Residence if not in household |

See Appendix B for codes.

| 34-35 | 2 | MTHLEFT | Month Left or Died if not in household |

1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
10 = October
11 = November
12 = December
13 = Early part of year
14 = Middle of year
15 = Later part of year
99 = Don't know

| 36-37 | 2 | YEARLEFT | Year Left or Died if not in household (e.g., 79 = 1979) |

99 = Don't know

| 38-38 | 1 | MARST | Marital Status if not in household |

0 = Never married
1 = Currently married
2 = Widowed
3 = Divorced
4 = Separated
9 = Unknown

MF20 List of Eligible Children--MF20CHLD

Cols   Length   Variable Name   Description and Codes

39-40	2	EDUC	Highest Level of School Completed if not in household

```
                              0 = None
                              1 = 1st grade   (Primary)
                              2 = 2nd grade   (Primary)
                              3 = 3rd grade   (Primary)
                              4 = 4th grade   (Primary)
                              5 = 5th grade   (Primary)
                              6 = 6th grade   (Primary)
                              7 = Remove, SMC (Primary)
                              8 = Form 1      (Lower Secondary)
                              9 = Form 2      (Lower Secondary)
                             10 = Form 3      (Lower Secondary)
                             11 = Form 4      (Secondary)
                             12 = Form 5      (Secondary)
                             13 = Lower Form 6 (Postsecondary)
                             14 = Upper Form 6 (Postsecondary)
                             15 = One or more years of college
                             88 = Preschool
                             99 = Don't know

                          See Notes below
```

41-42	2	OWNCHLD	Number of Own Children if not in household

43-44	2	DAYBORN1	Day of Birth from BRTHDATE

```
                             99 = Don't know
```

Cols	Length	Variable Name	Description and Codes
45-46	2	MTHBORN1	Month of Birth from BRTHDATE

 1 = January
 2 = February
 3 = March
 4 = April
 5 = May
 6 = June
 7 = July
 8 = August
 9 = September
10 = October
11 = November
12 = December
13 = Early part of year
14 = Middle of year
15 = Later part of year
99 = Don't know

Cols	Length	Variable Name	Description and Codes
47-48	2	YRBORN1	Year of Birth from BRTHDATE

99 = Don't know

Cols	Length	Variable Name	Description and Codes
49-80	32	none	Blank

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household

1 = First MF20 for household

Only one MF20 was administered per household; all records have SERIES=1

See discussion in Section I

MF20 List of Eligible Children--MF20CHLD

NOTES:

MFLS1 (Col. 19-21:) The value of **MFLS1** is the identifier for
the child from the MFLS-1 survey in 1976. The variable is the same as
MFLS1 in the MF21 Household Roster.

   CASE 296, MFLS1=61: Mother now says this child was adopted, and
                        thus child was not included in the list from
                        which the children sample was draw. In 1976, this
                        child was listed in pregnancy history.

   CASE 1431, MFLS1=61: Mother now says this child is not hers and
                        thus the child was not included in the list from
                        which the children sample was draw. In 1976, this
                        female child, born when the woman was age 18,
                        was listed in pregnancy history as the first
                        pregnancy; in the 1988 MFLS-2 pregnancy history, the
                        first pregnancy is listed as a live birth, female,
                        now living elsewhere, also born when the mother the
                        age 18. Whether this child is hers or not is not
                        clear at all.

   CASE 2015 :   The MF20CHLD is incomplete. Ten of the woman's
                        children are missing from MF20CHLD (MFLS1=11,12,61-68).
                        LPPKN could not locate the original MF20 recording form
                        and thus we could not fill in the missing data. All of   e
                        children, who all live elsewhere in 1988, appear in the ᵣ₋221

BRTHDATE (Col.22-29): Format of date values varies across records
due to the form of the information available in MFLS-1. For example,
records can have values like "11JUL62", "1 JUN 58", "1969", "MID'70",
or "28/9/52". Dates are presented as day-month-year. The variables
DAYBORN1, MTHBORN1, and **YRBORN1** are numeric variables derived
from **BRTHDATE.** These variables should be used when working with
date variables.

WHERE (Col. 31-31): The definition of "IN HOUSEHOLD" means living in the
household at the time of the interview and thus may not correspond with the
presence of the same individual in MF21ROST. Those MF20 individuals who
appear in MF21ROST and have a value of **STAYED** > 0 in MF21ROST may have
WHERE > 0 in MF20CHLD. In addition, individuals who visited the
household on weekends or were away temporarily at the time of interview
(but would return in less than 3 months) were also coded as "IN HOUSEHOLD".

EDUC (Col. 39-40): The Malaysian education system parallels that of
Great Britain. The first 6 years are primary education and begin at age
6. At age 12, children enter lower secondary (Forms 1-3) which lead to
their first public examination, the SRP (Lower Certificate of Education).
If they pass the SRP, students enter secondary school (Forms 4-5) after
which their second public examination, the SPM (Malaysia Certificate of
Education) is administered. Successful completion of the SPM leads to

postsecondary school (Form 6 lower and upper). At the end of Form 6, students take the STP (Higher School Certificate) examination. Strong results on the STP permit admission to university. Teacher's and nurse's colleges and polytechnics generally only require the SPM and not the STP.

MF20OTH--1976 HOUSEHOLD MEMBERS--ALL OTHER MEMBERS OF THE MFLS-1 HOUSEHOLD

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 0 = MF20
3-3	1	RECTYPE	Record Type 3 = Those not eligible for children sample
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	none	Blank
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent

MF20OTH--MF20 All Other Members of the MFLS-1 Household

Cols	Length	Variable Name	Description and Codes
11-12	2	none	Blank

Cols	Length	Variable Name	Description and Codes
13-18	6	PSU	Primary Sampling Unit Location Identifier from MFLS-1 (1976 place)

See Appendix D for codes
See discussion in Section I

Cols	Length	Variable Name	Description and Codes
19-21	3	MFLS1	Person Number from MFLS-1

```
                     1 = Male head of household
                     2 = Female head of household
                     3 = Other wife of male head
                 11- 30 = Children of head and wife
                 31- 40 = Children of female head
                 41- 50 = Children of male head
                 51- 60 = Adopted children
                 61- 80 = Children of head and wife
                          not living in household
                 81- 90 = Children of female head only
                          not living in household
                 91- 99 = Children of male head only
                          not living in household
                101-110 = Husbands/wives of 011-060
                111-120 = Grandchildren of head
                121-130 = Adopted grandchildren
                131-150 = Siblings of male head
                151-160 = Siblings of female head
                201-210 = Nephews/nieces of male head
                211-220 = Nephews/nieces of female
                          head
```

(Continued on next page)

MF20 All Other Members of the MFLS-1 Household--MF20OTH

Cols	Length	Variable Name	Description and Codes
19-21	3	MFLS1	Person Number from MFLS-1 (continued)

                                    300 = Father of male head
                                    301 = Mother of male head
                                    310 = Grandfather of female head
                                    311 = Grandmother of female head
                                    320 = Father of female head
                                    321 = Mother of female head
                                    330 = Grandfather of female head
                                    331 = Grandmother of female head
                                341-350 = Uncles/aunts of male head
                                351-360 = Uncles/aunts of female head
                                361-380 = Other related individuals
                                401-410 = Servants/helpers
                                501-530 = Non-related boarders/
                                          visitors
                                    999 = Unknown or not applicable

                            See Notes below

Cols	Length	Variable Name	Description and Codes
22-29	8	BRTHDATE	Date of Birth (Character Data)

                            See Notes below

Cols	Length	Variable Name	Description and Codes
30-30	1	SEX	Sex of Child

                                1 = Male
                                2 = Female

Cols	Length	Variable Name	Description and Codes
31-31	1	WHERE	Where Living

                                0 = In Household
                                1 = Another house in Malaysia
                                2 = Another country
                                3 = Person has died
                                9 = Unknown

                            See Notes below

MF20OTH--MF20 All Other Members of the MFLS-1 Household

Cols   Length   Variable Name   Description and Codes

32-33	2	DISTRICT	District of Current Residence if not in household See Appendix B for codes.

34-35	2	MTHLEFT	Month Left or Died if not in household 1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December 13 = Early part of year 14 = Middle of year 15 = Later part of year 99 = Don't know

36-37	2	YEARLEFT	Year Left or Died if not in household (e.g., 79 = 1979) 99 = Don't know

38-39	2	DAYBORN1	Day of Birth from BRTHDATE 99 = Don't know

Cols	Length	Variable Name	Description and Codes
40-41	2	MTHBORN1	Month of Birth from BRTHDATE

                            1 = January
                            2 = February
                            3 = March
                            4 = April
                            5 = May
                            6 = June
                            7 = July
                            8 = August
                            9 = September
                          10 = October
                          11 = November
                          12 = December
                          13 = Early part of year
                          14 = Middle of year
                          15 = Later part of year
                          99 = Don't know

Cols	Length	Variable Name	Description and Codes
42-43	2	YRBORN1	Year of Birth from BRTHDATE

                          99 = Don't know

Cols	Length	Variable Name	Description and Codes
34-80	37	none	Blank

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household

                          1 = First MF20 for household

                  Only one MF20 was administered per household; all records have SERIES=1

                  See discussion in Section I

NOTES:

MFLS1 (Col. 19-21:) The value of **MFLS1** is the MFLS-1 survey
identifier for the individual in 1976. The variable is the same as
MFLS1 in the MF21 Household Roster.

MF20OTH--MF20 All Other Members of the MFLS-1 Household

CASE 911, MFLS1=61: This child is missing from MF20OTH (child is age 17 in 1988) but does appear in the MF21ROST and MF22PREG data.

CASE 1259, MFLS1=61: This child is missing from MF20OTH (child is age 13 in 1988) but does appear in the MF21ROST and MF22PREG data.

CASE 1669, MFLS1=15: This child is missing from the MF20OTH file (child is age 17 in 1988). LPPKN could not locate the original MF20 recording form and thus we could not fill in the missing data. The child, who lives elsewhere in 1988, does appear in the MF22PREG data.

BRTHDATE (Col.22-29): Format of date values varies across records due to the form of the information available in MFLS-1. For example, records can have values like "11JUL62", "1 JUN 58", "1969", "MID'70", or "28/9/52". Dates are presented as day-month-year. The variables **DAYBORN1**, **MTHBORN1**, and **YRBORN1** are numeric variables derived from **BRTHDATE**. These variables should be used when working with date date variables.

WHERE (Col. 31-31): The definition of "IN HOUSEHOLD" means living in the household at the time of the interview and thus may not correspond with the presence of the same individual in MF21ROST. Those MF20 individuals who appear in MF21ROST and have a value of **STAYED** > 0 in MF21ROST may have **WHERE** > 0 in MF20CHLD. In addition, individuals who visited the household on weekends or were away temporarily at the time of interview (but would return in less than 3 months) were also coded as "IN HOUSEHOLD".

4.   MF21 SUBFILES: MFLS-2 HOUSEHOLD ROSTER

MF21SUM--HOUSEHOLD ROSTER--Summary Record

Cols   Length   Variable Name   Description and Codes

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 1 = MF21
3-3	1	RECTYPE	Record Type 0 = Summary Record
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only

Cols   Length   Variable Name   Description and Codes

Cols	Length	Variable Name	Description and Codes
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I
9-9	1	none	Blank
10-16	7	EB/PSU	Sampling Unit Location Identifier EB for New/Senior data (1988 place) PSU for Panel/Children data (1976 place) See Appendix D for codes See discussion in Section I
17-19	3	EBSECT	EB Sector Identifier for New/Senior data only (Character data) A00 B00 C00 ... ... etc. To be used with EB to define a location See Appendix D for codes
20-21	2	RESP1	Line Number from MF21 Roster for Main Respondent (usually 1)

Cols	Length	Variable Name	Description and Codes
22-24	3	LQ	Living Quarter Number (New/Senior only)
25-27	3	none	Blank
28-29	2	RESP2	Line Number from MF21 Roster for Proxy Respondent
			See Notes below
30-34	5	none	Blank
35-37	3	INTNO	Interviewer ID
38-40	3	WITNESS	Witness (Supervisor) ID
41-41	1	DISP	Final Disposition
			1 = Completed
			2 = Refusal
			3 = Breakoff
			4 = Language problem
			5 = Never home
			6 = Other
42-45	4	none	Blank

MF21 Household Roster Summary--MF21SUM

Cols   Length   Variable Name   Description and Codes

46-47	2	DAYCOMP	Day of Month Interview Completed
			1-31
			99 = Unknown

48-49	2	MTHCOMP	Month Interview Completed
			1 = January
			2 = February
			3 = March
			4 = April
			5 = May
			6 = June
			7 = July
			8 = August
			9 = September
			10 = October
			11 = November
			12 = December
			13 = First of year
			14 = Middle of year
			15 = End of year
			99 = Unknown

50-51	2	YEARCOMP	Year Interview Completed
			88 = 1988
			89 = 1989
			99 = Unknown

52-54	3	LENGTH	Length of Interview (in minutes)
			999 = Unknown
			Very high values (e.g., 760) represent interviews conducted over more than one day where waiting time was included.

Cols   Length   Variable Name   Description and Codes

| 55-56 | 2 | LANGUAGE | Language of Interview |

          1 = Malay
          2 = Tamil
          3 = English
          4 = Cantonese
          5 = Hokkien
          6 = Mandarin
          7 = Hakka
          8 = Hainanese
          9 = Teochew
        10 = Other

| 57-58 | 2 | NPERSONS | Total Number of Persons Living in Household |

Equals number of records in MF21ROST

See Notes below

| 59-76 | 18 | none | Blank |

| 77-79 | 2 | MF21ROST | Number of MF21 Household Roster Records for this Household |

| 80-80 | 1 | RACE | Ethnic Group of MF21 Respondent |

          1 = Malay
          2 = Chinese
          3 = Indian
          4 = Other

MF21   Household Roster Summary--MF21SUM

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			11 = First MF21 for household
			Only one MF21 was administered per household; all records have SERIES=11
			See discussion in Section I

NOTES:

RESP1 (Col. 20-21)/RESP2 (Col. 28-29): If the main respondent (i.e., the first person listed on the household roster) is not available, someone else in the household may respond as a proxy. In these cases, **RESP1** will be blank. Sometimes the main respondent required help from another household member. In these cases, **RESP1** will have a value along with **RESP2**.

> **CASE 5903-0, CASE 2032-0** did not complete MF21ROST. Case 5903-0 completed only MF24 and case 2032-0 completed only MF23 and MF25. For ease of merging, a dummy record was created for each case containing minimal information. **RESP1** and **RESP2** are both blank for these cases. **DISP** is set to the appropriate "did not complete" code.

> **CASE 1807, SPLIT 0:** the MF21 proxy respondent was not a regular member of the household. The value of **RESP2** is 54 and is the youngest daughter of the original MFLS-1 respondent. The value of 54 comes from adding EVENTNO from that child's birth record in MF22PREG to the number 50.

> **CASE 5791:** the MF21 proxy respondent was not a regular member of the household. The value of **RESP2** is 55 for that case and represents the fifth child listed in MF24CHLD, who was visiting the MF24 respondent at the time.

NPERSONS (Col. 57-57): Will include those who have lived in the household for at least 3 of the last 12 months, but who are not in the household at time of interview. Thus, **NPERSONS** is not necessarily the number of people living in the the household at the time of interview.

MF21ROST--HOUSEHOLD ROSTER

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 1 = MF21
3-3	1	RECTYPE	Record Type 1 = Household Roster
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

Cols   Length   Variable Name   Description and Codes

9-10	2	PERSON	Person Number

                                   1 = Main respondent
                         2 & up = Other household members

                                  See Notes below

11-11	1	none	Blank

12-12	1	SEX	Sex

                                   1 = Male
                                   2 = Female

Cols	Length	Variable Name	Description and Codes
13-14	2	RELATE	Relationship to Main Respondent

			1 = Main respondent
			2 = Spouse
			3 = Own child
			4 = Step child
			5 = Adopted Child
			11 = Parent, step parent
			12 = Brother/sister, step sibling
			13 = Grandparent
			14 = Grandchild
			15 = Aunt/Uncle
			16 = Niece/Nephew
			17 = Cousin
			20 = Other (Specity)
			31 = Mother/father in-law
			32 = Son/daughter in-law (spouse of own/step/adopted child)
			33 = Sister/brother in-law
			34 = Grandparent of spouse
			35 = Aunt/uncle of spouse
			36 = Niece/nephew of spouse
			40 = Other relative of spouse
			51 = 2nd wife
			52 = 3rd wife
			53 = 4th wife
			61 = Non-relatives
			99 = Unknown
			See Notes below

Cols	Length	Variable Name	Description and Codes
15-16	2	SPOUSE	Person Number of Spouse Living in Household
			See Notes below

Cols	Length	Variable Name	Description and Codes
17-18	2	MOTHER	Person Number of Mother Living in Household
			See Notes below

MF21 Household Roster--MF21ROST

Cols	Length	Variable Name	Description and Codes

19-20	2	FATHER	Person Number of Father Living in Household
			See Notes below

21-22	2	YRSINHH	Length of Time (In Years) Living with Main Respondent
			88 = Always
			99 = Don't know
			Refers to non-immediate family relatives and nonrelatives who make a contribution to the household currently living in the household.

23-24	2	STAYED	Length of time (In Months) Lived with Main Respondent in last 12 Months
			88 = Always
			99 = Don't know
			Refers to relatives and nonrelatives who slept and ate in the household for at least 3 months in the last 12 months and who made contributions to the household, but who are not living in the household now.

25-25	1	DOCINSP	Document Presented at Interview
			1 = Yes
			2 = No
			9 = Unknown
			See Notes below

MF21ROST--MF21 Household Roster

Cols	Length	Variable Name	Description and Codes

| 26-27 | 2 | DAYBORN | Day of Birth |
| | | | 99 = Don't know |

28-29	2	MTHBORN	Month of Birth
			1 = January
			2 = February
			3 = March
			4 = April
			5 = May
			6 = June
			7 = July
			8 = August
			9 = September
			10 = October
			11 = November
			12 = December
			13 = Early part of year
			14 = Middle of year
			15 = Later part of year
			99 = Don't know

| 30-31 | 2 | YEARBORN | Year of Birth |
| | | | 99 = Don't know |

32-34	3	AGE	Age at Last Birthday
			999 = Don't know
			See AGE_FLG (Col. 77) to find imputed ages

Cols   Length   Variable Name   Description and Codes

| 35-35 | 1 | MARST | Marital Status |

0 = Never married
1 = Currently married
2 = Widowed
3 = Divorced
4 = Separated
9 = Don't know

Asked only if age 12 or older

| 36-36 | 1 | RACE | Ethnic Group |

1 = Malay
2 = Chinese
3 = Indian
4 = Other

See Notes below

| 37-37 | 1 | EDSTAT | Education Status |

1 = Currently a student in school
2 = Did attend school at one time
3 = Never attend school
9 = Don't know

Asked only if age 3 or older

See Notes below

Cols	Length	Variable Name	Description and Codes

| 38-39 | 2 | EDLEVL | Highest Level of School Completed |

0 = None
1 = 1st grade (Primary)
2 = 2nd grade (Primary)
3 = 3rd grade (Primary)
4 = 4th grade (Primary)
5 = 5th grade (Primary)
6 = 6th grade (Primary)
7 = Remove, SMC (Primary)
8 = Form 1   (Lower Secondary)
9 = Form 2   (Lower Secondary)
10 = Form 3   (Lower Secondary)
11 = Form 4   (Secondary)
12 = Form 5   (Secondary)
13 = Lower Form 6 (Postsecondary)
14 = Upper Form 6 (Postsecondary)
15 = One or more years of college
88 = Preschool
99 = Don't know

Asked only if age 3 or older

See Notes below

| 40-40 | 1 | EDCERT | Highest Certificate/Diploma Ever Received |

0 = None
1 = SRP (Lower Certificate of Education taken after Form 3)
2 = SPM (Malaysia Certificate of Education taken after Form 5)
3 = SPVM (Malaysia Certificate of Vocational Education)
4 = STPM (Higher School Certificate taken after Form 6 upper and is needed for university)
5 = Diploma, Certificate (College)
6 = Bachelors (University)
7 = Masters
8 = Ph.D., M.D., Other Doctorate
9 = Don't know

Asked only if EDLEVL>=8

See Notes below

MF21 Household Roster--MF21ROST

Cols	Length	Variable Name	Description and Codes
41-43	3	MFLS1	Person Number from MFLS-1

        1 = Male head of household
        2 = Female head of household
        3 = Other wife of male head
  11- 30 = Children of head and wife
  31- 40 = Children of female head
  41- 50 = Children of male head
  51- 60 = Adopted children
  61- 80 = Children of head and wife
           not living in household
  81- 90 = Children of female head only
           not living in household
  91- 99 = Children of male head only
           not living in household
 101-110 = Husbands/wives of 011-060
 111-120 = Grandchildren of head
 121-130 = Adopted grandchildren
 131-150 = Siblings of male head
 151-160 = Siblings of female head
 201-210 = Nephews/nieces of male head
 211-220 = Nephews/nieces of female
           head
    300 = Father of male head
    301 = Mother of male head
    310 = Grandfather of female head
    311 = Grandmother of female head
    320 = Father of female head
    321 = Mother of female head
    330 = Grandfather of female head
    331 = Grandmother of female head
 341-350 = Uncles/aunts of male head
 351-360 = Uncles/aunts of female head
 361-380 = Other related individuals
 401-410 = Servants/helpers
 501-530 = Non-related boarders/
           visitors
    999 = Unknown or not applicable

See Notes below

Cols	Length	Variable Name	Description and Codes
44-76	32	none	blank

MF21ROST--MF21 Household Roster

Cols	Length	Variable Name	Description and Codes
77-77	1	AGE_FLG	Indicates Whether AGE is an Exact Report or an Estimate Based on Partial Dates 0 = exact age reported Either full dates were provided or person only reported AGE and no date 1 = estimated age where had both event mth/year and mth/year of birth, but had at least one "guesstimated" month 2 = estimated age where had month/year for either the event or birthdate but not both: if event in 1st half of year, assumed no birthday yet. if birthday in first half of year, assumed had birthday before the event 3 = estimated age where only year of event and year of birth available, i.e., no months at all were reported 4 = estimated age where only had event year and used estimated year of birth based on age at interview
78-80	3	none	blank

81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			11 = First MF21 for household
			Only one MF21 was administered per household; all records have SERIES=11
			See discussion in Section I

NOTES:

PERSON (Col. 9-10): The main respondent, **PERSON=1**, is the MF22 respondent when a woman eligible for MF22 is present. Thus, in Children sample households, for example, the selected child is a son, he will only be the main respondent if he has no spouse. If the household is a "Senior only" household (i.e., there is no eligible woman age 18-49), the main respondent is the selected senior.

> **CASE 5903-0, CASE 2032-0** did not complete MF21ROST. Case 5903-0 completed only MF24 and case 2032-0 completed only MF23 and MF25. For ease of merging, a dummy record was created for each case containing demographic information based on responses to MF24 and MF23 respectively.

RELATE (Col. 13-14): Other wives of the Main respondent's husband may appear with **RELATE=40**. Cases 241, 3632, 4129, and 5593 have the second wife living in the household coded as **RELATE=40**; cases 15 and 484 have second wives code as **RELATE=51**.

SPOUSE (Col. 15-16), **MOTHER** (Col. 17-18), and **FATHER** (Col. 19-20): Identifies spouse, mother, and father of a given household member if the spouse, mother, and/or father are also members of the household. The code is the corresponding value of **PERSON** for the individual in the household who is the spouse, mother or father of the given household member. NOTE that **MOTHER** and **FATHER** may not be the biological parents of the individual and may be step parents.

DOCINSP (Col. 25): Interviewers encounterd two major problems in asking for identity cards and birth certificates to verify birthdates: 1) respondents were sensitive about ID/birth certificate requests and interviewers were afraid of alienating respondents with repeated requests for such documentation; 2) in urban areas, many respondents kept ID cards/birth certificates in safety deposit boxes and thus these documents were not available at time of interview. Interviewers did request verification of birthdates for those at the borderline ages of 18, 49 and 50 in the New/Senior sample, and for those whom interviewers felt did not give satisfactory answers. The above problems resulted in a lower rate of document verified birthdates than was observed in MFLS-1.

MF21ROST--MF21 Household Roster

RACE (Col. 36): Malays include persons of Indonesian descent and other indigenous peole like the Oran Asli, Kadazans, Muruts, Dayaks, and other people from Sabah and Sarawak. Indians include Sri Lankans, Pakistanis, Indian Muslims, Nepalese, and Gurkhas. The "Other" category includes Europeans, Thais, Burmese, Filipinos, Arabs, Persians, etc.

EDSTAT (Col. 37): In some cases, interviewers coded those home on school holiday as EDSTAT=2 (attended school sometime but not at present). If the person had a corresponding record in MF22EDEX (education expenses for children), EDSTAT was recoded to 1 (currently attending). For individuals who are not children of the MF22 respondent, it is difficult to tell whether a young person with EDSTAT=2 may actually still be in school. The combination of age and education level may provide some clues. For example, someone age 17 with EDSTAT=2 and EDLEVL=4 is most likely not in school; however, if EDLEVL is, say, 12, the person may actually be in school and home on holiday.

EDLEVL (Col. 38-39), EDCERT (Col. 40-40): The Malaysian education system parallels that of Great Britain. The first 6 years are primary education and begin at age 6. At age 12, children enter lower secondary (Forms 1-3) which lead to their first public examination, the SRP, *Sigil Rendah Pelajaran* (Lower Certificate of Education). If they pass the SRP, students enter secondary school (Forms 4-5) after which their second public examination, the SPM, *Sigil Pelajaran Malaysia* (Malaysia Certificate of Education), is administered. Successful completion of the SPM leads to postsecondary school (Form 6 lower and upper). At the end of Form 6, students take the STP, *Sijil Tinggi Pelajaran* (Higher School Certificate), examination. Strong results on the STP permit admission to university. Teacher's and nurse's colleges and polytechnics generally only require the SPM and not the STP.

MFLS1 (Col. 41-43): This variable applies only to members of the Panel and Children data and is blank for New and Senior sample members. MFLS1 is the person number from the MFLS-1 survey. Children of the MFLS-1 respondent and all individuals present in the household at the time of the MFLS-1 survey were given a person number in 1976. Members entering a Panel household after 1976 do not have values for MFLS1. For children of an MFLS-1 woman present in the current household who were born before the MFLS-1 survey, the value of the variable MFLS1 is the person number (MFLS1) coded in MF20CHLD.

5.   MF22 SUBFILES: FEMALE LIFE HISTORY

MF22SUM--FEMALE LIFE HISTORY--Summary Record

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 0 = Summary record
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

Cols   Length   Variable Name   Description and Codes

9-9	1	none	Blank

10-16	7	EB/PSU	Sampling Unit Location Identifier EB for New/Senior data (1988 place) PSU for Panel/Children data (1976 place) See Appendix D for codes See discussion in Section I

17-19	3	EBSECT	EB Sector Identifier for New/Senior data only (Character data) A00 B00 C00 ... ... etc. To be used with EB to define a location See Appendix D for codes

20-21	2	PERSON	Line Number of Eligible Female Respondent from MF21 Household Roster See Notes below

22-23	2	DAYBORN	Day of Birth of Respondent 1-31 99 = Unknown

Cols	Length	Variable Name	Description and Codes

| 24-25 | 2 | MTHBORN | Month of Birth of Respondent |

```
                    1 = January
                    2 = February
                    3 = March
                    4 = April
                    5 = May
                    6 = June
                    7 = July
                    8 = August
                    9 = September
                   10 = October
                   11 = November
                   12 = December
                   13 = First of year
                   14 = Middle of year
                   15 = End of year
                   99 = Unknown
```

| 26-27 | 2 | YEARBORN | Year of Birth of Respondent |

```
                   00-88
                   99 = Unknown
```

| 28-28 | 1 | OTHERS | Others Present at Interview |

```
                    1 = Yes
                    2 = No
                    9 = Unknown
```

| 29-29 | 1 | RESP3 | Relationship of Others Present at Interview to Respondent (1st person) |

```
                    1 = Spouse
                    2 = Children
                    3 = Others
                    9 = Unknown

                   Blank if OTHERS (Col. 28) > 1
```

Cols	Length	Variable Name	Description and Codes
30-30	1	RESP4	Relationship of Others Present at Interview to Respondent (2nd person if applicable) See codes for RESP3 (Col. 29).
31-31	1	RESP5	Relationship of Others Present at Interview to Respondent (3rd person if applicable) See codes for RESP3 (Col. 29).
32-32	1	HELPERS	Others Helped with Interview 1 = Yes 2 = No 9 = Unknown No proxy respondent was permitted; however, others may have helped with the recollection of some events
33-34	2	none	Blank
35-37	3	INTNO	Interviewer ID
38-40	3	WITNESS	Witness (Supervisor) ID

Cols	Length	Variable Name	Description and Codes
41-41	1	DISP	Final Disposition of Interview 1 = Completed 2 = Refusal 3 = Breakoff 4 = Language problem. 5 = Never home 6 = Other
42-45	4	none	blank
46-47	2	DAYCOMP	Day of Month Interview Completed See codes for DAYBORN (Col. 22-23).
48-49	2	MTHCOMP	Month Interview Completed See codes for MTHBORN (Col. 24-25).
50-51	2	YEARCOMP	Year Interview Completed 88 = 1988 89 = 1989 99 = Unknown
52-54	3	LENGTH	Length of Interview (in minutes) 999 = Unknown Very high values (e.g., 760) represent interviews conducted over more than one day where waiting time was included.

Cols	Length	Variable Name	Description and Codes

55-56	2	LANGUAGE	Language of Interview

1 = Malay
2 = Tamil
3 = English
4 = Cantonese
5 = Hokkien
6 = Mandarin
7 = Hakka
8 = Hainanese
9 = Teochew
10 = Other

57-57	1	MF22MARR	# of MF22 Marriage Records for this Main Respondent

58-58	1	MF22PSUM	# of MF22 Pregnancy Summary Records for this Main Respondent

Will be zero for never married women

59-60	2	MF22PREG	# of MF22 Pregnancy Records for this Main Respondent

Will be zero for never married women

61-62	2	MF22CONT	# of MF22 Contraception Records for this Main Respondent

Will be zero for never married women

MF22SUM--MF22 Female Life History: Summary Record

Cols	Length	Variable Name	Description and Codes
63-63	1	MF22MENS	# of MF22 Menstruation/Desire for Children Records for this Main Respondent Will be zero for never married women
64-64	1	MF22CARE	# of MF22 Child Care Records for this Main Respondent Will be zero for never married women
65-65	1	MF22EDEX	# of MF22 Children's Educational Expenses Records for this Main Respondent Will be zero for never married women
66-66	1	MF22ED	# of MF22 Education Records for this Main Respondent
67-67	1	MF22TRN	# of MF22 Training Records for this Main Respondent
68-69	2	MF22MIG	# of MF22 Migration Records for this Main Respondent
70-71	2	MF22WORK	# of MF22 Work History Records for this Main Respondent

MF22 Female Life History: Summary Record--MF22SUM

Cols	Length	Variable Name	Description and Codes
72-72	1	MF22BACK	# of MF22 Family Backround Records for this Main Respondent
73-73	1	MF22HP1	# of MF22 Help for Parents Records for this Main Respondent
74-74	1	MF22HP2	# of MF22 Help from Parents Records for this Main Respondent Respondents with no parents living elsewhere will have no records
75-75	1	MF22HC1	# of MF22 Help for Children Records for this Main Respondent
76-76	1	MF22HC2	# of MF22 Help from Children Records for this Main Respondent Respondents with no grown children living elsewhere will have no records
77-77	1	MF22EVAL	# of MF22 Interview Evaluation Records for this Main Respondent
78-79	2	MF22TOT	Total Number of MF22 Records

MF22SUM--MF22 Female Life History: Summary Record

Cols   Length   Variable Name   Description and Codes

80-80	1	RACE	Ethnic Group of MF22 Respondent

1 = Malay
2 = Chinese
3 = Indian
4 = Other

81-82	2	SERIES	Sort Variable : Multiple Questionnaires per Household

21 = First MF22 for household
22 = Second MF22 for household

New sample only has SERIES=21
See discussion in Section I

83-90	8	WWEIGHT	Weight for All Women Age 18-49 NEW SAMPLE ONLY

Has form xxx.xxxx: 4 decimal places

See Notes below

91-98	8	EWEIGHT	Weight for Ever-Married Women age 15-49 NEW SAMPLE ONLY

Has form xxx.xxxx: 4 decimal places

See Notes below

NOTES:

PERSON (Col. 20-21): There are 7 cases where the original MFLS-1 respondent was in the household but was not interviewed for the Panel Sample. She was not interviewed because another woman in the household claimed to be the MFLS-1 respondent. The relevant case numbers are: 519, 1104, 1118, 1213, 1531, and 1575 and 2111. For case 1531, however, the actual MFLS-1 respondent was interviewed, but as the CHILD of the "panel"

woman. For case 1575, the actual MFLS-1 respondent had died. In the remaining cases, the original MFLS-1 respondent was not selected for interview.

WWEIGHT (Cols. 83-90): **WWEIGHT** should be used for tabulations based on all women age 18-49 (e.g., education or marital status) which use the New sample data. **WWEIGHT** is blank for the 6 married women under age 18; women under age 18 were only interviewed if married and are not a representative sample of women under age 18. **WWEIGHT** corrects for the oversampling of Indian Malays and adjusts for cases where more than one eligible woman age 18-49 lived in the household. (See the *Overview and Technical Report, MR-106* for more details). **WWEIGHT** has been normalized to make the sum of WWEIGHT equal the number of MF22 respondents age 18-49 (2178). The scaling factor for normalization was 0.88527. Nonnormalized weights can be generated by dividing WWEIGHT by the scaling factor. *WWEIGHT does not exist for Panel and Children respondents.*

EWEIGHT (Cols. 91-98): **EWEIGHT** should be used for tabulations based on ever-married women age 15-49 (e.g., breasteeding rates or divorce rates) which use the New sample data. **EWEIGHT** is blank for the women who have never been married (338 cases). **EWEIGHT** corrects for the oversampling of Indian Malays and adjusts for cases where more than one eligible ever-married woman age 15-49 lived in the household. (See the *Overview and Technical Report, MR-106* for more details). **EWEIGHT** has been normalized to make the sum of EWEIGHT equal the number of ever-married MF22 respondents age 15-49 (1846). The scaling factor for normalization was 1.04916. Nonnormalized weights can be generated by dividing EWEIGHT by the scaling factor. *EWEIGHT does not exist for Panel and Children respondents.*

MF22MARR--FEMALE LIFE HISTORY--MARRIAGES

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 1 = Marriage
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

Cols	Length	Variable Name	Description and Codes
9-10	2	MARR_NUM	Marriage Record Number
11-11	1	none	Blank
12-13	2	NMARR Q. A3	Total Number of Marriages If equals zero, STATUS (col. 20) was set to zero and respondent skipped to Section F (education)
14-15	2	MTHMARR Q. A2,A4	Month This Marriage Took Place 1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December 13 = Early part of the year 14 = Middle of the year 15 = Late part of the year 99 = Don't know
16-17	2	YEARMARR Q. A2,A4	Year This Marriage Took Place (e.g., 1979=79) 99 = Don't know

MF22MARR--MF22A. Marriages

Cols	Length	Variable Name	Description and Codes

18-19	2	AGEMARR	Respondent's Age at Start of Marriage
		Q. A2,A4	99 = Don't know
			See AGEM_FLG (Col. 76) to find imputed ages ·

20-20	1	STATUS	Outcome of This Marriage
		Q. A1,A5	0 = Never married (Skip to Section F: Education and Training)
			1 = Continuing (current) marriage (Skip to Section B: Pregnancies)
			2 = Widowed
			3 = Divorced
			4 = Separated
			9 = Don't know

21-22	2	MTHEND	Month This Marriage Ended
		Q. A6	1 = January
			2 = February
			3 = March
			4 = April
			5 = May
			6 = June
			7 = July
			8 = August
			9 = September
			10 = October
			11 = November
			12 = December
			13 = Early part of the year
			14 = Middle of the year
			15 = Late part of the year
			99 = Don't know

MF22A. Marriages--MF22MARR

Cols   Length   Variable Name   Description and Codes

23-24	2	YEAREND	Year When This Marriage Ended
		Q. A6	99 = Don't know

25-26	2	AGEEND	Respondent's Age When Marriage Ended
		Q. A6	99 = Don't know
			See AGEE_FLG (Col. 77) to find imputed ages

27-28	2	HUSBOCC	Husband's Occupation in This Marriage (Character data)
		Q. A7	See Appendix C for codes

29-75	47	none	Blank

Cols   Length   Variable Name   Description and Codes

76-76	1	AGEM_FLG	Indicates Whether AGEMARR is an Exact Report or an Estimate Based on Partial Dates

0 = exact age reported
Either full dates were provided or
person only reported AGE and no date

1 = estimated age where had both event
mth/year and mth/year of birth, but
had at least one range value
month

2 = estimated age where had month/year
for either the event or birthdate
but not both:
if event in 1st half of year,
assumed no birthday yet.
if birthday in first half of year,
assumed had birthday before the
event

3 = estimated age where only year of
event and year of birth available,
i.e., no months at all were reported

4 = estimated age where only had event
year and used estimated year of
birth based on age at interview

77-77	1	AGEE_FLG	Indicates Whether AGEEND is an Exact Report or an Estimate Based on Partial Dates

Same codes as for AGEM_FLG

78-79	2	PERSON	Person Number of Main Respondent for this MF

Matches PERSON in MF22SUM and MF21ROST

MF22A. Marriages--MF22MARR

Cols   Length   Variable Name   Description and Codes

80-80	1	RACE	Race of Respondent

1 = Malay
2 = Chinese
3 = Indian
4 = Other

81-82	2	SERIES	Sort Variable : Multiple Questionnaires per Household

21 = First MF22 for household
22 = Second MF22 for household

New sample only has SERIES=21
See discussion in Section I

NOTES: -

MF22PSUM--FEMALE LIFE HISTORY--SUMMARY OF PREGNANCIES

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type
			4 = Panel
			5 = Children
			6 = Panel and Children
			7 = New
			8 = Senior
			9 = New and Senior
2-2	1	QNO	Questionnaire Number
			2 = MF22
3-3	1	RECTYPE	Record Type
			2 = Fertility history
4-7	4	CASE	Household Number
			1-2198 = Panel or Children
			3000-6999 = New or Senior
			7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household
			0 = Not split off
			1 = First split-off
			2 = Second split-off
			See discussion in Section I

MF22B. Summary of Pregnancies--MF22PSUM

Cols	Length	Variable Name	Description and Codes

9-10	2	SEQNO	Sequence Number
			1 = Only one record of the type per respondent

11-11	1	SUBTYPE	Record Subtype
			0 = Summary of pregnancies

12-13	2	NINHH	Number of Children in Household
		Q. B1	

14-15	2	NOUTHH	Number of Children Outside Household
		Q. B2	

16-17	2	NDIED	Number of Children Who Have Died
		Q. B3	

18-19	2	NONLIVE	Number of Non-live Births
		Q. B4	

20-20	1	NOWPREG	Is Respondent Currently Pregnant
		Q. B5	0 = No
			1 = Yes
			9 = Don't know

MF22PSUM--MF22B.   Summary of Pregnancies

Cols	Length	Variable Name	Description and Codes
21-22	2	NPREG Q. B6	Total Number of Pregnancy Records Sum of NINHH, NOUTHH, NDIED, NONLIVE, and NOWPREG If NPREG=0, rest of Section B skipped. For women with twins/triplets, NPREG is greater than the actual number of pregnancies.
23-77	55	none	Blank
78-79	2	PERSON	Person Number of Main Respondent for this MF Matches PERSON in MF22SUM and MF21ROST
80-80	1	RACE	Race of Respondent 1 = Malay 2 = Chinese 3 = Indian 4 = Other
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 21 = First MF22 for household 22 = Second MF22 for household New sample only has SERIES=21 See discussion in Section I

NOTES:

MF22B. Summary of Pregnancies--MF22PSUM

MF22PREG--FEMALE LIFE HISTORY--PREGNANCIES

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 2 = Fertility History
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

Cols   Length   Variable Name   Description and Codes

9-10	2	EVENTNO	Pregnancy Number

0 = Before first pregnancy
1 = First pregnancy
2 = Second pregnancy
....
etc.

Will not equal pregnancy number for women
with multiple births since each twin/triplet
is coded on a separate line

11-11	1	SUBTYPE	Record Subtype

1 = Pregnancy history

12-12	1	OUTCOME	Pregnancy Outcome

Q. B7,B13,   0 = Before first pregnancy
B14   1 = Live birth
                 2 = Stillbirth
                 3 = Miscarriage
                 4 = Induced abortion
                 5 = Currently pregnant

See Notes below

13-14	2	DURATION	Pregnancy Duration if non-live birth or

currently pregnant (blank for live births)

Q. B12,B16

1-9 = Months pregnant
99 = Unknown

MF22B. Pregnancies--MF22PREG

15-15	1	SEX	Sex of Child
		Q. B9	1 = Male
			2 = Female
			9 = Unknown

16-16	1	TWIN	Multiple Birth
		Q. B9a	blank = Single birth
			2 = Twin
			3 = Triplet

Information for each child is recorded
on a separate line; information about the
pregnancy is repeated for each twin/triplet

17-18	2	DAY	Day of Pregnancy Outcome
		Q. B10,B15	1-31
			99 = Unknown

Cols   Length   Variable Name   Description and Codes

	19-20 2 MONTH Month of Pregnancy Outcome
	Q. B10,B15 1 = January
	2 = February
	3 = March
	4 = April
	5 = May
	6 = June
	7 = July
	8 = August
	9 = September
	10 = October
	11 = November
	12 = December
	13 = First of year
	14 = Middle of year
	15 = End of year
	99 = Unknown

	21-22 2 YEAR Year of Pregnancy Outcome
	Q. B10,B15 00-88
	99 = Unknown

	23-24 2 AGE Mother's Age at Pregnancy Outcome
	Q. B10,B15 99 = Unknown
	See AGE_FLG (Col. 77)
	to find imputed ages

	25-25 1 BRTHCERT Birth Document Seen by Interviewer
	Q. B11 1 = Yes
	2 = No
	9 = Unknown
	See Notes below

MF22B. Pregnancies--MF22PREG

26-27	2	SOURCE	Source of Antenatal Care

Q. B17
```
 0 = No antenatal care
 1 = General/university hospital
 2 = District hospital
 3 = Government clinic .
 4 = Government midwife clinic
 5 = Private hospital
 6 = Private clinic
 7 = Estate clinic
 8 = Traditional healer
 9 = Other (specify)
99 = Unknown
```

28-28	1	EARLY	Child Born Earlier than Expected

Q. B18
```
1 = Earlier than expected
2 = When expected or later
9 = Unknown
```

29-30	2	WEEKS	No. of Weeks Premature

Q. B18
```
blank = Child born on time or later
0-40 weeks
99 = Unknown
```

31-32	2	POUNDS	Exact Birth Weight - Pounds

Q. B19
```
0-15 pounds
99 = Unknown
```

33-34	2	OUNCES	Exact Birth Weight - Ounces

Q. B19
```
0-15 ounces
99 = Unknown
```

Cols   Length   Variable Name   Description and Codes

35-35	1	SIZE	Approximate Birth Weight (if exact unknown)
		Q. B19	blank = Exact weight known
			1 = Very low
			2 = Less than average
			3 = Average
			4 = Above average
			5 = Heavy
			9 = Don't know

36-36	1	PLACE	Place of Birth
		Q. B20	1 = General/university hospital
			2 = District hospital
			3 = Government clinic
			4 = Private hospital
			5 = Private clinic
			6 = Estate clinic
			7 = Home (own, relative's)
			8 = Other (specify)
			9 = Unknown

37-37	1	ATTEND	Birth Attendant
		Q. B21	1 = Doctor
			2 = Nurse
			3 = Government midwife
			4 = Traditional midwife
			5 = Relative
			6 = Other (specify)
			9 = Unknown

MF22B. Pregnancies--MF22PREG

38-38	1	WHERENOW	Child's Current Location
		Q. B22	1 = In respondent's household
			2 = In Malaysia
			3 = In foreign country
			4 = Dead
			9 = Unknown
			See Notes below

39-40	2	AGEDIED	Child's Age at Death/When Left Home
		Q. B23,B24	blank = Still alive and living with respondent
			99 = Unknown
			Must be combined with UNITDIED (Col. 41).
			Equals age at death if WHERENOW=4
			Equals age left home if WHERENOW=2 or 3

41-41	1	UNITDIED	Time Unit of Age Died/Left Home
		Q. B23,B24	1 = Hours
			2 = Days
			3 = Weeks
			4 = Months
			5 = Years
			9 = Unknown

MF22PREG--MF22B. Pregnancies

Cols   Length   Variable Name   Description and Codes

42-42	1	EDUCGRPC	Highest Level of Education Completed by Child (child living elsewhere only)
		Q. B25	0 = None
			1 = Primary (first 6 years)
			2 = Secondary (Forms 1 to 5)
			3 = Post-secondary (Form 6 and higher)
			9 = Don't know
			See Notes below

43-43	1	INSCHOOL	Child Currently Attending School (child living elsewhere only)
		Q. B26	1 = Yes
			2 = No
			9 = Don't know

44-44	1	VISITS	How Often Mother Sees Child (child living elsewhere only)
		Q. B27	1 = Every day
			2 = Several times per week (3-6)
			3 = Once or twice a week
			4 = 1-3 times a month
			5 = Several times a year (3-11)
			6 = Once or twice a year
			7 = Less than once per year
			8 = Never
			9 = Don't know

45-45	1	EVERBF	Was Child Ever Breastfed
		Q. B28	1 = Yes
			2 = No
			9 = Don't know

MF22B. Pregnancies--MF22PREG

Cols	Length	Variable Name	Description and Codes
46-47	2	BFTIME	Duration of Breastfeeding
		Q. B30	88 = Still breastfeeding
			99 = Don't know
			Must be combined with BFUNIT (Col. 48)

Cols	Length	Variable Name	Description and Codes
48-48	1	BFUNIT	Time Unit of Breastfeeding Duration
		Q. B30	1 = Hours
			2 = Days
			3 = Weeks
			4 = Months
			5 = Years
			8 = Still breastfeeding
			9 = Don't know

Cols	Length	Variable Name	Description and Codes
49-50	2	REASON	Reason for Not/Stopping Breastfeeding
		Q. B29,B31	1 = Respondent ill/weak/breasts hurt
			2 = Respondent working
			3 = Inconvenient
			4 = Respondent wanted to take birth control pills
			5 = Respondent wanted to become pregnant
			6 = Respondent became pregnant
			7 = No milk/not enough milk/milk stopped
			8 = Child died
			9 = Child in incubator
			10 = Child sick
			11 = Child did not grow
			12 = Child did not want
			13 = Child old enough to stop
			14 = Respondent and child separated
			15 = MD/midwife advised
			16 = Husband did not want respondent to breastfeed
			20 = Other (specify)
			88 = Currently breastfeeding

Cols	Length	Variable Name	Description and Codes

51-52 2 FFTIME Child's Age When First Given Regular Food or Beverage

Q. B32

88 = Not yet (still breastfeeding)
99 = Don't know

Must be combined with FFUNIT (Col. 54-55)

Equals BFTIME if mother never supplemented and is no longer breastfeeding

---

53-53 1 FFUNIT Time Unit of Unsupplemented Breastfeeding

Q. B32

1 = Hours
2 = Days
3 = Weeks
4 = Months
5 = Years
8 = Not yet (still breastfeeding)
9 = Don't know

Equals BFUNIT if mother never supplemented and is no longer breastfeeding

---

54-55 2 PPATIME Time to Return of Menses After Pregnancy

Q. B33

88 = No menstruation in interval
99 = Don't know

Must be combined with PPAUNIT (Col. 56)

56-56 1 PPAUNIT Time Unit of Return of Menses

Q. B33

2 = Days
3 = Weeks
4 = Months
8 = No menstruation in interval
9 = Don't know

Cols	Length	Variable Name	Description and Codes
57-58	2	CHILD_ID	Household Person No. for Reference Child blank if non-live birth or child died 2-30 = Person No. from MF21 Household Roster if child currently living in HH 50 + EVENTNO = Child living elsewhere Used to link children back to MF21 household roster and to Education Expenses
59-76	20	none	Blank

Cols	Length	Variable Name	Description and Codes
77-77	1	AGE_FLG	Indicates Whether AGE is an Exact Report or an Estimate Based on Partial Dates
			0 = exact age reported Either full dates were provided or person only reported AGE and no date
			1 = estimated age where had both event mth/year and mth/year of birth, but had at least one range value month
			2 = estimated age where had month/year for either the event or birthdate but not both: if event in 1st half of year, assumed no birthday yet. if birthday in first half of year, assumed had birthday before the event
			3 = estimated age where only year of event and year of birth available, i.e., no months at all were reported
			4 = estimated age where only had event year and used estimated year of birth based on age at interview

Cols	Length	Variable Name	Description and Codes
78-79	2	PERSON	Person Number of Main Respondent for this MF Matches PERSON in MF22SUM and MF21ROST

MF22B. Pregnancies--MF22PREG

80-80	1	RACE	Ethnic Group
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES: .

OUTCOME (Col. 12): In MFLS2, stillbirths are defined as a pregnancy of 7 months or longer that resulted in a child born with no signs of life. In MFLS-1, infants who died very shortly after birth (within a few hours) were recorded as stillbirths.

BRTHCERT (Col. 25): Interviewers encountered two major problems in asking for identity cards and birth certificates to verify birthdates: 1) respondents were sensitive about ID/birth certificate requests and interviewers were afraid of alienating respondents with repeated requests for such documentation; 2) in urban areas, many respondents kept ID cards/birth certificates in safety deposit boxes and thus these documents were not available at time of interview. Interviewers did request verification of birthdates for those whom interviewers felt did not give satisfactory answers. The above problems resulted in a lower rate of document verified birthdates than was observed in MFLS-1.

Information in Cols. 28-53 asked for live births only.

WHERENOW (Col. 38): Children with **WHERENOW** = 1 appear in the MF21 household roster; children with **WHERENOW** = 2 or 3 may appear in the MF21 household roster if they lived in the household for at least 3 months during the past year. Such children will have **STAYED** > 0 on their MF21 roster record. There is one case where a child died (**WHERENOW** = 4) but the child appears in the MF21 household roster because it lived in the household for more than 3 months during the past year (CASE 3393, EVENTNO=4, PERSON=6 in MF21ROST).

EDUCGRPC (Col. 42): Post-secondary includes any schooling or

MF22PREG--MF22B. Pregnancies

training course which lasted for 2 years or more and which required a minimum qualification of completed Form 5 or the equivalent. Thus, post-secondary includes, in addition to university, schooling such as technical, nurses' and teachers' colleges, public health inspector training, laboratory technologist training.

MF22B. Pregnancies--MF22PREG

MF22CONT--FEMALE LIFE HISTORY--CONTRACEPTION

Cols	Length	Variable Name	Description and Codes

1-1	1	HHTYPE	Household Type

4 = Panel
5 = Children
6 = Panel and Children
7 = New
9 = New and Senior

2-2	1	QNO	Questionnaire Number

2 = MF22

3-3	1	RECTYPE	Record Type

2 = Fertility history

4-7	4	CASE	Household Number

1-2198 = Panel or Children
3000-6999 = New or Senior
7000-8999 = Senior Only

8-8	1	SPLIT	Whether Split-off Household

0 = Not split off
1 = First split-off
2 = Second split-off

See discussion in Section I

Cols   Length   Variable Name   Description and Codes
_____

| 9-10   2   EVENTNO   Pregnancy Interval

                                     0 = Before first pregnancy
                                     1 = Between first and second pregnancy
                                     2 = Etc.

                                     See Notes below
_____

| 11-11   1   SUBTYPE   Record Subtype

                                     2 = Contraception history
_____

| 12-12   1   EVERCON   Ever Used Contraception

         Q. C1   1 = Yes
                                      2 = No (Skip to APART [Col. 32])
_____

| 13-13   1   CONTNOW   Using Contraception at Interview

         Q. C10   1 = Yes
                                      2 = No (includes menopausal and
                                               sterilized women)
_____

MF22C.   Contraception--MF22CONT

14-15	2	NOWMETH1	Method 1 at Interview

Q. C10a
```
                      0 = No contraception
                      1 = Tubal ligation
                      2 = Vasectomy
                      3 = Pill              .
                      4 = IUD
                      5 = Injection
                      6 = Other female method (foam, jelly,
                          diaphragm)
                      7 = Condom
                      8 = Abstinence
                      9 = Safe time/rhythm
                     10 = Withdrawal
                     11 = Majun for contraception
                          (specific herb)
                     12 = Jamu for contraception
                          (specific herb)
                     13 = Other herbs for contraception
                     14 = Exercise for contraception
                     15 = Massage for contraception
                     16 = Womb tilting for contraception
                     17 = Incantation for contraception
                     18 = Breastfeeding for contraception
                     20 = Other (specify)
                     99 = Unknown
                  blank = not currently using (CONTNOW=2)

                  See Notes below
```

16-17	2	NOWMETH2	Method 2 at Interview

Q. C10a   See codes for NOWMETH1 (Col. 14-15).

18-19	2	NOWMETH3	Method 3 at Interview

Q. C10a   See codes for NOWMETH1 (Col. 14-15).

MF22CONT--MF22C. Contraception

Cols   Length   Variable Name   Description and Codes

20-20	1	USEANY	Contraception Used in Interval
		Q. C2	1 = Yes
			2 = No
			9 = Unknown

21-22	2	CONTRA1	Method Used Longest in Interval
		Q. C3a	See codes for NOWMETH1 (Col. 14-15).
			If USEANY=2 then field is blank.
			See Notes below

23-24	2	CONTRA2	Method Used Next Longest in Interval
		Q. C3b	See codes for NOWMETH1 (Col. 14-15).
			If USEANY=2 then field is blank.

25-26	2	BEGAN1	No. of Months After Marriage (if before
			first pregnancy)/Pregnancy Respondent
		Q. C4	Began Using CONTRA1
			98 = 98 months or more
			99 = Don't know

27-28	2	OBTAINED	Source of Contraceptive Supplies
		Q. C5	1 = LPPKN (National Population and Family Development Board)
			2 = FPA (Family Planning Association)
			3 = MOH (Ministry of Health) Clinic
			4 = Government hospital
			5 = Private clinic/hospital
			6 = Traditional midwife
			7 = Chinese medicine shop
			8 = Pharmacy
			9 = Other shop
			10 = Friends, relatives
			11 = Other (specify)
			99 = Don't know
			See Notes below

29-30	2	WHYSTOP	Reason for Stopping Use of CONTRA1
		Q. C6,C7	1 = Method failed
			2 = Wanted to become pregnant
			3 = Side effects
			4 = Health concerns/medical person advised to stop
			5 = Inconvenient
			6 = Husband objected
			7 = Too costly
			8 = Access/availability
			9 = Infrequent sex
			10 = Husband died/left or was away
			11 = Reached menopause
			12 = Other (specify)
			88 = Currently using method (for open interval only)
			99 = Unknown

MF22CONT--MF22C. Contraception

31-31	1	SAMETIME	Whether Used More Than One Method Simultaneously During Interval
		Q. C9	
			1 = Same time
			2 = Some overlap
			3 = Different time
			9 = Don't know

32-32	1	APART	Whether Ever Apart More Than 3 Consecutive Months
		Q. C11	1 = Yes
			2 = No
			9 = Unknown

33-33	1	APARTINT	Whether Apart More Than 3 Consecutive Months in the Interval
		Q. C12	1 = Yes
			2 = No
			9 = Unknown

| 34-35 | 2 | TIMAPART | Length of Time Apart in Interval (in months) |
| | | Q. C13 | 99 = Unknown |

MF22C. Contraception--MF22CONT

36-37	2	CHILD_ID	Household Person No. for Reference Child

blank if non-live birth or child died
2-30 = Person No. from MF21 Household
       Roster if child currently
       living in HH
50 + EVENTNO = Child living elsewhere

See Notes below

38-77	40	none	Blank

78-79	2	PERSON	Person Number of Main Respondent

for this MF

Matches PERSON in MF22SUM and MF21ROST

80-80	1	RACE	Ethnic Group

1 = Malay
2 = Chinese
3 = Indian
4 = Other

81-82	2	SERIES	Sort Variable for Multiple Questionnaires

per Household

21 = First MF22 for household
22 = Second MF22 for household

New sample only has SERIES=21
See discussion in Section I

NOTES:

EVENTNO (Cols. 9-10): EVENTNO links the information in the
contraception history to the information in the pregnancy history. For

MF22CONT--MF22C. Contraception

example, **EVENTNO** = 1 in the pregnancy history refers to the outcome
of the woman's first pregnancy; **EVENTNO** = 1 in the contraception
history refers to the period between the first and the second pregnancy.
Thus the pregnancy interval is the one *following* the pregnancy
outcome identified by **EVENTNO**.   Information about contraceptive use
in the interval following a multiple birth is attached to each child of
that multiple birth, i.e., **EVENTNO** does not necesarily coincide with
pregnancy number.

NOWMETH1-NOWMETH3 (Cols. 14-19): The respondent was asked to list all
the contraceptive methods she was currently using. Up to three were
recorded by the interviewer. **NOWMETH1** may not necessarily be the
primary method used. *Please note that women who have been sterilized or
whose husband's have had a vasectomy will have blanks for*
NOWMETH1-NOWMETH3 since such women were not asked this question.
To compute *CURRENT* contraceptive use, use the *LAST* record for each woman.
The values of **CONTRA1** and **CONTRA2** will give current methods
that will include sterilization.

> **CASE 5367** had a tubal ligation shortly before the survey and has
> **NOWMETH1** = 1 but **CONTRA1** and **CONTRA2**
> do not list the tubal ligation because it was not one
> of the two methods used longest in the interval.

CONTRA1-CONTRA2 (Cols. 21-24):   The respondent was asked
to list all methods used in the interval. If two methods were used,
CONTRA1 contains the one used longest. If both methods were used at
the same time, **CONTRA1** contains the more efficient method of the
two. If more than two methods were listed, **CONTRA1** is the longest
used and **CONTRA2** the second longest. If used at the same time,
CONTRA1 and **CONTRA2** contain the two most efficient methods.

*In MFLS-2, breastfeeding is coded as a contraceptive method only if the
woman said she used it for family planning purposes. In MFLS-1, however,
interviewers were instructed to list breastfeeding as one of the
contraceptive methods if the woman breastfed in the interval, whether or
not the woman reported using it as a method of contraception. Thus, use of
breastfeeding for contraception appears much higher in MFLS-1 due to the
change in definition and not to changes in behavior.*

OBTAINED (Cols. 27-28):   If the respondent went to more than
one place to obtain contraceptives, **OBTAINED** contains the the place
used most often. If the respondent used a contraceptive method that does
not require supplies (e.g., rhythm method, abstinence, withdrawal), a
non-zero value for **OBTAINED** indicates where she received
advice about that method.

CHILD_ID (Cols. 36-37): This variable is used to link children back to the
MF21 Household Roster (rename variable to PERSON) and to the Educational
Expenses section (variable is CHILD_ID there as well). It refers to the
child born at the beginning of the interval.

MF22C.   Contraception--MF22CONT

MF22MENS--FEMALE LIFE HISTORY--MENSTRUATION HISTORY AND DESIRE FOR CHILDREN

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 2 = Fertility history
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22D. Menstruation History and Desire for Children--MF22MENS

Cols   Length   Variable Name   Description and Codes

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent
11-11	1	SUBTYPE	Record Subtype 3 = Menstruation/Desire for children
12-13	2	MENARCHE Q. D1	Age Began Menstruation 99 = Don't know
14-14	1	PAUSE Q. D2	Has Respondent Begun Menopause (Asked only of women age 40 and up) 1 = Yes 2 = No 9 = Don't know
15-16	2	AGEMENO Q. D2a	Age When Began Menopause (Asked only of women age 40 and up) 99 = Don't know If menopausal, skip to Section E: Child Care

MF22MENS--MF22D. Menstruation History and Desire for Children

17-17	1	STERILE	Is Respondent or Husband Sterilized
		Q. D3	1 = Yes (Skip to Section E: Child Care)
			2 = No
			9 = Don't know
			Not asked if currently pregnant

18-18	1	ABLE	Is Respondent Able to Have Children
		Q. D4	1 = Yes
			2 = No (Skip to Section E: Child Care)
			9 = Don't know
			Only asked if currently married and not currently pregnant

19-19	1	WANTMORE	Does Respondent Desire More Children
		Q. D5	1 = Yes
			2 = No (Skip to Section E: Child Care)
			9 = Don't know
			Only asked if currently married

20-21	2	NWANTED	Additional Number of Children Desired (excludes existing children and
		Q. D6	current pregnancies)
			99 = Don't know/Doesn't matter
			Only asked if currently married

MF22D.   Menstruation History and Desire for Children--MF22MENS

22-22	1	TRYPREG	Is Respondent Trying to Become Pregnant
		Q. D7	1 = Yes
			2 = No
			3 = Already pregnant
			9 = Unknown
			Only asked if currently married

23-77	55	none	Blank

78-79	2	PERSON	Person Number of Main Respondent for this MF
			Matches PERSON in MF22SUM and MF21ROST

80-80	1	RACE	Race of Respondent
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES:

MF22MENS--MF22D. Menstruation History and Desire for Children

MF22CARE--FEMALE LIFE HISTORY--CHILD CARE

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 3 = Child care/Education expenses
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22E.   Child Care--MF22CARE

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent

Cols	Length	Variable Name	Description and Codes
11-11	1	SUBTYPE	Record Subtype 1 = Child care

Cols	Length	Variable Name	Description and Codes
12-12	1	CHILDREN Q. E1	Any Children Under Age 6 at Interview 1 = Yes 2 = No (Skip to Section E: Education Expenses) Can include step and adopted children not listed in MF22PREG; may refer to a child not currently living with the respondent (e.g., child lives with grandparents)

Cols	Length	Variable Name	Description and Codes
13-13	1	HELP1 Q. E2	First Type of Child Care 0 = No help 1 = Husband 2 = Your or your husband's parents 3 = Child's older siblings 4 = Other relative 5 = Neighbor, friend 6 = Servant 7 = Other person in their or your home 8 = Children care center, preschool, or school 9 = Unknown

MF22CARE--MF22E.   Child Care

Cols	Length	Variable Name	Description and Codes

14-16   3   HOURS1   Hours per Week Use Child Care: Type 1

Q. E3
- 1 = 1 or fewer hours/week
- 888 = all the time
- 999 = Don't know

If child lives with care provider, code 888 is used

17-17   1   HELP2   Second Type of Child Care

Q. E2   See codes for HELP1 (Col. 13).

18-20   3   HOURS2   Hours per Week Use Child Care: Type 2

Q. E3   See codes for HOURS1 (Col. 14-16)

21-21   1   HELP3   Third Type of Child Care

Q. E2   See codes for HELP1 (Col. 13).

22-24   3   HOURS3   Hours per Week Use Child Care: Type 3

Q. E3   See codes for HOURS1 (Col. 14-16)

MF22E.   Child Care--MF22CARE

25-25	1	HELP4	Fourth Type of Child Care
		Q. E2	See codes for HELP1 (Col. 13).

26-28	3	HOURS4	Hours per Week Use Child Care: Type 4
		Q. E3	See codes for HOURS1 (Col. 14-16)

29-32	4	AMTPAY	Amount Paid for Child Care
		Q. E4	Must be combined with UNITPAY (Col. 33).

33-33	1	UNITPAY	Time Unit of Pay for Child Care
		Q. E4	0 = Does not pay for help
			1 = Hour
			2 = Day
			3 = Week
			4 = Month
			5 = Year
			6 = One time only

34-77	44	none	Blank

78-79	2	PERSON	Person Number of Main Respondent for this MF
			Matches PERSON in MF22SUM and MF21ROST

MF22CARE--MF22E.   Child Care

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES: -

MF22E.   Child Care--MF22CARE

MF22EDEX--FEMALE LIFE HISTORY--EDUCATION EXPENSES

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 3 = Child care/Education expenses
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

Cols	Length	Variable Name	Description and Codes

9-10	2	SEQNO	Sequence Number
			1 = First child listed
			2 = Second child listed
			etc.

11-11	1	SUBTYPE	Record Subtype
			2 = Education expenses

12-13	2	CHILD_ID	Household Member Number of Child Currently Attending School
		2-30 =	Person No. from MF21 Household Roster if child currently living in HH
		50 +	EVENTNO (from Pregnancy Section MF22PREG) = Child living elsewhere
		blank =	no children attending school, subsequent variables are all blank
			See Notes below

14-18	5	AMOUNT Q. E6	Amount Needed for Education Expenses for Child
			99999 = Don't know
			(Malaysian dollars)
			Must be combined with UNIT (Col. 18)
			See Notes below

MF22E. Education Expenses--MF22EDEX

Cols	Length	Variable Name	Description and Codes
19-19	1	UNIT Q. E6	Time Unit for Amount Needed 1 = Monthly 2 = Yearly 3 = Per term 9 = Unknown
20-20	1	SCHOLAR Q. E8	Is Child Receiving a Scholarship 1 = Yes 2 = No Will be blank if child receives neither a scholarship nor a loan
21-25	5	AMTSCH Q. E8a	Value of Scholarship for This School Year 99999 = Don't know (Malaysian dollars)
26-26	1	LOAN Q. E9	Is Child Receiving a Loan 1 = Yes 2 = No Will be blank if child receives neither a scholarship nor a loan
27-27	1	LOANTYPE Q. E9a	Type of Loan Received 1 = Government 2 = Private

MF22EDEX--MF22E.   Education Expenses

Cols	Length	Variable Name	Description and Codes
28-32	5	AMTLOAN Q. E9b	Value of Loan Received 99999 = Don't know (Malaysian dollars)

Cols	Length	Variable Name	Description and Codes
33-33	1	HELP Q. E10	Do Others Help Pay for Education of All Children Combined 1 = Yes 2 = No (skip to Section F: Education and Training) This is a static variable; i.e., it has the same value for each child listed

Cols	Length	Variable Name	Description and Codes
34-34	1	HELPER1 Q. E10a	First Person Who Helps Pay 1 = Child's grandparents 2 = Child's brothers, sisters 3 = Child's aunts, uncles 4 = Other relative 5 = Non relative 9 = Unknown This is a static variable; i.e., it has the same value for each child listed

Cols	Length	Variable Name	Description and Codes
35-40	6	AMTHELP1 Q. E10b	Amount Given in Last 12 Months by First Person Who Helps Pay 999999 = Don't know (Malaysian dollars) This is a static variable; i.e., it has the same value for each child listed

MF22E.   Education Expenses--MF22EDEX

Cols	Length	Variable Name	Description and Codes
41-41	1	HELPER2 Q. E10a	Second Person Who Helps Pay 　　(if applicable) See codes for HELPER1 (Col. 33). This is a static variable; i.e., it has the same value for each child listed
42-47	6	AMTHELP2 Q. E10b	Amount Given in Last 12 Months by 　　Second Person Who Helps Pay 999999 = Don't know 　(Malaysian dollars) This is a static variable; i.e., it has the same value for each child listed
48-48	1	HELPER3 Q. E10a	Third Person Who Helps Pay 　　(if applicable) See codes for HELPER1 (Col. 33). This is a static variable; i.e., it has the same value for each child listed
49-54	6	AMTHELP3 Q. E10b	Amount Given in Last 12 Months by 　　Third Person Who Helps Pay 999999 = Don't know 　(Malaysian dollars) This is a static variable; i.e., it has the same value for each child listed

Cols	Length	Variable Name	Description and Codes
55-77	23	none	Blank

Cols	Length	Variable Name	Description and Codes
78-79	2	PERSON	Person Number of Main Respondent for this MF Matches PERSON in MF22SUM and MF21ROST

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent 1 = Malay 2 = Chinese 3 = Indian 4 = Other

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 21 = First MF22 for household 22 = Second MF22 for household New sample only has SERIES=21 See discussion in Section I

NOTES:

CHILD_ID (Cols. 12-13): This variable is used to link children still living at home with the MF21 Household Roster (rename variable to PERSON) when **CHILD_ID** < 50, and to link all living children to the MF22 Pregnancy History (called CHILD_ID there as well). This variable is coded only for the children who are going to school. **CHILD_ID** may refer to the respondent's step children and adopted children as well as her own children, and thus a child listed here may not appear in the pregnancy history.

A child may also appear more than once. A few cases exist where the mother reported an annual expense and then a monthly expense for a given child, rather than combining those expenses into one amount. For example, the family may pay $200M a year for tuition and pay $50M per month in expenses.

   CASE 4131, CHILD_ID 56 is an adopted daughther living elsewhere,

   MF22E. Education Expenses--MF22EDEX

thus she does not appear in either MF22PREG
or MF21ROST

CASE 999, SPLIT 0, CHILD_ID 3 has two MF22EDEX records; one is
for monthly expenses and the second
is for an annual lump received in
addition to the monthly

The following children are listed in MF21ROST or in MF22PREG as
currently attending school; however, there was no information listed
for them on the Education Expenses recording form.

CASE	SPLIT	CHILD_ID	CASE	SPLIT	CHILD_ID
801	0	3 and 4	4030	0	3
957	0	2 and 3	4071	0	3
1177	0	12	4111	0	5
1894	0	51	4310	0	5
2003	0	5	4464	0	3
2062	0	3	4894	0	3
3436	0	3 and 4	5020	0	6
3480	0	4	5117	0	6
3763	0	4	5434	0	5

AMOUNT (Col. 14-18): **CASE 5966** has 3 children who are in
private school where the expenses are very high ($11,000-13,000M). The
amounts listed are the actual expenses listed on the recording form.

A few women reported annual expenses separately from monthly expenses
for a given child, rather than combining them into one cost figure. For
example, one line reports an annual expense like tuition, and a second
line reports the monthly expenses associated with school.

MF22ED--FEMALE LIFE HISTORY--EDUCATION

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|1-1    1      HHTYPE       Household Type              .       |
|                                                              |
|                           4 = Panel                          |
|                           5 = Children                       |
|                           6 = Panel and Children             |
|                           7 = New                            |
|                           8 = Senior                         |
|                           9 = New and Senior                 |
|_____|


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|2-2    1      QNO          Questionnaire Number               |
|                                                              |
|                           2 = MF22                           |
|_____|


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|3-3    1      RECTYPE      Record Type                        |
|                                                              |
|                           4 = Education and Training         |
|_____|


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|4-7    4      CASE         Household Number                   |
|                                                              |
|                           1-2198     = Panel or Children     |
|                           3000-6999 = New or Senior          |
|                           7000-8999 = Senior only            |
|_____|


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|8-8    1      SPLIT        Whether Split-off Household        |
|                                                              |
|                           0 = Not split off                  |
|                           1 = First split-off                |
|                           2 = Second split-off               |
|                                                              |
|                           See discussion in Section I        |
|_____|
```

MF22F. Education--MF22ED

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number
			1 = Only one record of this type per respondent

Cols	Length	Variable Name	Description and Codes
11-11	1	SUBTYPE	Record Subtype
			1 = Education

Cols	Length	Variable Name	Description and Codes
12-12	1	SPEAK1	Language(s) Respondent Can Speak
		Q. F1	1 = Malay
			2 = Chinese
			3 = Tamil
			4 = English
			5 = Arabic
			6 = Thai
			7 = Other

Cols	Length	Variable Name	Description and Codes
13-13	1	SPEAK2	Second Language Respondent Can Speak if Speaks More than One
		Q. F1	
			See codes for SPEAK1 (Col. 12).

Cols	Length	Variable Name	Description and Codes
14-14	1	SPEAK3	Third Language Respondent Can Speak if Speaks More than Two
		Q. F1	
			See codes for SPEAK1 (Col. 12).

Cols   Length   Variable Name   Description and Codes

| 15-15 | 1 | SPEAK4

Q. F1 | Fourth Language Respondent Can Speak
  if Speaks More than Three

See codes for SPEAK1 (Col. 12). |

| 16-16 | 1 | READ1

Q. F2 | Language(s) Respondent Can Read

  0 = None
  1 = Malay
  2 = Chinese
  3 = Tamil
  4 = English
  5 = Arabic
  6 = Thai
  7 = Other |

| 17-17 | 1 | READ2

Q. F2 | Second Language Respondent Can Read
  if Reads More than One

See codes for READ1 (Col. 16). |

| 18-18 | 1 | READ3

Q. F2 | Third Language Respondent Can Read
  if Reads More than Two

See codes for READ1 (Col. 16). |

| 19-19 | 1 | READ4

Q. F2 | Fourth Language Respondent Can Read
  if Reads More than Three

See codes for READ1 (Col. 16). |

MF22F. Education--MF22ED

Cols	Length	Variable Name	Description and Codes

20-20	1	WRITE1	Language(s) Respondent Can Write
		Q. F3	0 = None
			1 = Malay
			2 = Chinese
			3 = Tamil
			4 = English
			5 = Arabic
			6 = Thai
			7 = Other
			Refers to the ability to write more than one's own name

21-21	1	WRITE2	Second Language Respondent Can Write if Writes More than One
		Q. F3	See codes for WRITE1 (Col. 20).

22-22	1	WRITE3	Third Language Respondent Can Write if Writes More than Two
		Q. F3	See codes for WRITE1 (Col. 20).

23-23	1	WRITE4	Fourth Language Respondent Can Write if Writes More than Three
		Q. F3	See codes for WRITE1 (Col. 20).

MF22ED--MF22F.   Education

Cols	Length	Variable Name	Description and Codes

| 24-24 | 1 | EDUCGRP

Q. F4 | Highest Level of Schooling Completed

0 = Never attended (Skip to Q. F7 which deals with Training)
1 = Primary only (Skip to Q. F7 which deals with Training)
2 = Secondary
3 = Post-secondary
9 = Don't know

See Notes below |

| 25-25 | 1 | LIVES1

Q. F5 | Who Lived With During Secondary School (first person)

0 = Alone or with parents
1 = Grandparents
2 = Brother/sister
3 = Other relative
4 = Board/dorm in Malaysia
5 = Board/dorm abroad
6 = Non-relative
7 = Other
9 = Don't know |

| 26-26 | 1 | LIVES2

Q. F5 | Who Lived With During Secondary School (second person--separate household from LIVES1 person)

See codes for LIVES1 (Col. 25.) |

| 27-27 | 1 | LIVES3

Q. F5 | Who Lived With During Secondary School (third person--separate household from LIVES1 and LIVES2 persons)

See codes for LIVES1 (Col. 25). |

MF22F.   Education--MF22ED

Cols	Length	Variable Name	Description and Codes
28-28	1	LIVES4 Q. F5	Who Lived With During Secondary School (fourth person--separate household from LIVES1-LIVES3 persons) See codes for LIVES1 (Col. 25).
29-29	1	LIVEC1 Q. F5	Who Lived With During College/University (first person) 0 = Alone or with parents 1 = Grandparents 2 = Brother/sister 3 = Other relative 4 = Board/dorm in Malaysia 5 = Board/dorm abroad 6 = Non-relative 7 = Other 9 = Don't know
30-30	1	LIVEC2 Q. F5	Who Lived With During College/University (second person--separate household from LIVEC1 person) See codes for LIVEC1 (Col. 29).
31-31	1	LIVEC3 Q. F5	Who Lived With During College/University (third person--separate household from LIVEC1 and LIVEC2 persons) See codes for LIVEC1 (Col. 29).
32-32	1	LIVEC4 Q. F5	Who Lived With During College/University (fourth person--separate household from LIVEC1-LIVEC3 persons) See codes for LIVEC1 (Col. 29).

MF22ED--MF22F. Education

Cols	Length	Variable Name	Description and Codes
33-33	1	PAIDS1 Q. F6	Who Paid for Secondary School (first person) 1 = Respondent or husband 2 = Parents 3 = Grandparents . 4 = Brother/sister 5 = Other relative 6 = Scholarship 7 = Loan 8 = Other 9 = Don't know
34-34	1	PAIDS2 Q. F6	Who Paid for Secondary School (second person--if applicable) See codes for PAIDS1 (Col. 33).
35-35	1	PAIDS3 Q. F6	Who Paid for Secondary School (third person--if applicable) See codes for PAIDS1 (Col. 33).
36-36	1	PAIDS4 Q. F6	Who Paid for Secondary School (fourth person--if applicable) See codes for PAIDS1 (Col. 33).

|37-37	1	PAIDC1	Who Paid for College/University (first person)

Q. F6

```
                        1 = Respondent or husband
                        2 = Parents
                        3 = Grandparents
                        4 = Brother/sister
                        5 = Other relative
                        6 = Scholarship
                        7 = Loan
                        8 = Other
                        9 = Don't know
```

|38-38 | 1 | PAIDC2 | Who Paid for College/University (second person--if applicable)

Q. F6

See codes for PAIDC1 (Col. 37).

|39-39 | 1 | PAIDC3 | Who Paid for College/University (third person--if applicable)

Q. F6

See codes for PAIDC1 (Col. 37).

|40-40 | 1 | PAIDC4 | Who Paid for College/University (fourth person--if applicable)

Q. F6

See codes for PAIDC1 (Col. 37).

|41-77 | 37 | none | Blank

|78-79 | 2 | PERSON | Person Number of Main Respondent for this MF

Matches PERSON in MF22SUM and MF21ROST

MF22ED--MF22F.   Education

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES:

EDUCGRP (Col. 24): Primary education corresponds to the first six years of school, secondary to the next 5 years (Forms 1-5), and post-secondary to 11 years or more (Form 6 and higher). Post-secondary includes any schooling or training course which lasted for 2 years or more and which required a minimum qualification of completed Form 5 or the equivalent. Thus, post-secondary includes, in addition to university, schooling such as technical, nurses' and teachers' colleges, public health inspector training, laboratory technologist training.

MF22TRN--FEMALE LIFE HISTORY--TRAINING

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type
			4 = Panel
			5 = Children
			6 = Panel and Children
			7 = New
			8 = Senior
			9 = New and Senior
2-2	1	QNO	Questionnaire Number
			2 = MF22
3-3	1	RECTYPE	Record Type
			4 = Education and Training
4-7	4	CASE	Household Number
			1-2198 = Panel or Children
			3000-6999 = New or Senior
			7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household
			0 = Not split off
			1 = First split-off
			2 = Second split-off
			See discussion in Section I

Cols   Length   Variable Name   Description and Codes

9-10	2	SEQNO	Sequence Number
			1 = Only one recond of this type per respondent

11-11	1	SUBTYPE	Record Subtype
			2 = Training

12-13	2	NTRAIN Q. F7	Number of Job-related Training Programs Respondent Has Taken 0=none (skip to Section G: Migration and Housing) 99=Unknown See Notes below

14-15	2	TYPE1 Q. F8	Type of Job-related Training Program: Longest Program 1 = Business, secretarial, or technical school 2 = Company training 3 = Apprenticeship 4 = In-service training (teachers, nurses, ...) 5 = MARA (government program) 6 = KEMAS (government program) 7 = Other government 8 = Cooperative or trade union 9 = Armed forces 10 = Other 99 = Unknown See Notes Below

MF22F.   Training--MF22TRN

Cols	Length	Variable Name	Description and Codes
16-17	2	MONTH1 Q. F9	Month Began Job-related Training Program: Longest Program 1 = January 2 = February 3 = March 4 = April 5 = May 6 = June 7 = July 8 = August 9 = September 10 = October 11 = November 12 = December 13 = Early part of the year 14 = Middle of the year 15 = Late part of the year 99 = Unknown
18-19	2	YEAR1 Q. F9	Year Began Job-related Training Program: Longest Program 99 = Unknown
20-21	2	AGE1 Q. F9	Age When Began Job-related Training: Longest Program 99 = Unknown See AGE1_FLG (Col. 76) to find imputed ages
22-23	2	TIME1 Q. F10	Length of Time in Joh-related Training: Longest Program 99 = Unknown Must be combined with UNIT1 (Col. 24)

MF22TRN--MF22F. Training

Cols	Length	Variable Name	Description and Codes

| 24-24 | 1 | UNIT1 Q. F10 | Time Unit for Length of Time in Job-related Training: Longest Program 1 = Hours 2 = Days 3 = Weeks 4 = Months 5 = Years 9 = Unknown |

| 25-25 | 1 | FULL1 Q. F11 | Full-time or Part-time Status: Longest Program 1 = Regular morning and/or afternoon session (full-time) 2 = 5-20 hours/week (part-time) 3 = Fewer than 5 hours/week (part-time) 9 = Unknown |

| 26-27 | 2 | PAID11 Q. F12 | Who Paid for Job-related Training-- First Source: Longest Program 0 = No expenses 1 = Respondent, spouse 2 = Parents 3 = Grandparents 4 = Brother or sister 5 = Other relative 6 = Army 7 = Government 8 = Employer 9 = Scholarship 10 = Loan 11 = Other 99 = Unknown |

Cols	Length	Variable Name	Description and Codes
28-29	2	PAID21 Q. F12	Who Paid for Job-related Training-- Second Source: Longest Program See codes for PAID11 (Col. 26-27).
30-31	2	PAID31 Q. F12	Who Paid for Job-related Training-- Third Source: Longest Program See codes for PAID11 (Col. 26-27).
32-33	2	PAID41 Q. F12	Who Paid for Job-related Training-- Fourth Source: Longest Program See codes for PAID11 (Col. 26-27).
34-35	2	TYPE2 Q. F8	Type of Job-related Training Program: Second Longest Program See codes for TYPE1 (Col. 14-15).
36-37	2	MONTH2 Q. F9	Month Began Job-related Training Program: Second Longest Program See codes for MONTH1 (Col. 16-17).
38-39	2	YEAR2 Q. F9	Year Began Job-related Training Program: Second Longest Program 99 = Unknown

MF22TRN--MF22F. Training

Cols   Length   Variable Name   Description and Codes

40-41	2	AGE2 Q. F9	Age When Began Job-related Training: Second Longest Program 99 = Unknown See AGE2_FLG (Col. 77) to find imputed ages

42-43	2	TIME2 Q. F10	Length of Time in Job-related Training: Second Longest Program 99 = Unknown Must be combined with UNIT2 (Col. 44)

44-44	1	UNIT2 Q. F10	Time Unit for Length of Time in Job-related Training: Second Longest Program See codes for UNIT1 (Col. 24)

45-45	1	FULL2 Q. F11	Full-time or Part-time Status: Second Longest Program See codes for FULL1 (Col. 25).

46-47	2	PAID12 Q. F12	Who Paid for Job-related Training-- First Source: Second Longest Program See codes for PAID11 (Col. 26-27).

Cols   Length   Variable Name   Description and Codes

48-49	2	PAID22	Who Paid for Job-related Training--
			Second Source: Second Longest Program
		Q. F12	
			See codes for PAID11 (Col. 26-27).

50-51	2	PAID32	Who Paid for Job-related Training--
			Third Source: Second Longest Program
		Q. F12	
			See codes for PAID11 (Col. 26-27).

52-53	2	PAID42	Who Paid for Job-related Training--
			Fourth Source: Second Longest Program
		Q. F12	
			See codes for PAID11 (Col. 26-27).

| 54-75 | 22 | none | Blank |

76-76	1	AGE1_FLG	Indicates Whether AGE1 is an Exact Report or an Estimate Based on Partial Dates

0 = exact age reported
    Either full dates were provided or
    person only reported AGE and no date

1 = estimated age where had both event
    mth/year and mth/year of birth, but
    had at least one range value
    month

2 = estimated age where had month/year
    for either the event or birthdate
    but not both:
        if event in 1st half of year,
        assumed no birthday yet.
        if birthday in first half of year,
        assumed had birthday before the
        event

3 = estimated age where only year of
    event and year of birth available,
    i.e., no months at all were reported

4 = estimated age where only had event
    year and used estimated year of
    birth based on age at interview

77-77	1	AGE2_FLG	Indicates Whether AGE2 is an Exact Report or an Estimate Based on Partial Dates
			Same codes as for AGE1_FLG

78-79	2	PERSON	Person Number of Main Respondent for this MF
			Matches PERSON in MF22SUM and MF21ROST

80-80	1	RACE	Race of Respondent
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

81-82	2	SERIES	Sort Variable : Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES:

NTRAIN (Col. 12-13): Training is defined as job-related training,
held either at the place of work or elsewhere that lasted at least one week
(5 working days). It includes apprenticeships, pre-service training,
in-service training and any training course that a person attended while
working. If respondent attended more than 2 training programs,
information about the two longest programs is recorded. If the respondent
attended many short courses, all of about the same length, the two most
recent ones were recorded.

TYPE1 (Col. 14-15)/TYPE2 (Col. 34-35): The code representing MARA
indicates a government training program sponsored by the Majlis Amanah

MF22TRN--MF22F. Training

Rakyat (Council of Trust for the Indigenious People). Likewise, the
code representing KEMAS indicates a government training program
sponsored by Bahagian Kemajuan Masyarakat (Community Development
Division, Ministry of National and Rural Development). **See Interviewer
Instructions for complete description of what types of training fall into a
given category.**

MF22MIG--FEMALE LIFE HISTORY--MIGRATION AND HOUSE CHARACTERISTICS

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 5 = Migration
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22MIG--MF22G. Migration and House Characteristics

Cols	Length	Variable Name	Description and Codes
9-10	2	MIG_NUM	Migration Event Number

Cols	Length	Variable Name	Description and Codes
11-11	1	none	Blank

Cols	Length	Variable Name	Description and Codes
12-13	2	NMOVES	Total Number of Moves Since Age 15
		Q. G4	See Notes Below

Cols	Length	Variable Name	Description and Codes
14-15	2	MTHMOVE	Month This Move Took Place
		Q. G5	1 = January
			2 = February
			3 = March
			4 = April
			5 = May
			6 = June
			7 = July
			8 = August
			9 = September
			10 = October
			11 = November
			12 = December
			13 = Early part of the year
			14 = Middle of the year
			15 = Late part of the year
			99 = Don't know
			Not recorded for residence at birth or at age 15

Cols	Length	Variable Name	Description and Codes
16-17	2	YEARMOVE	Year This Move Took Place (e.g., 79=1979)
		Q. G5	99 = Don't know
			Not recorded for residence at birth or at age 15

MF22G. Migration and House Characteristics--MF22MIG

Cols	Length	Variable Name	Description and Codes
18-19	2	AGEMOVE	Respondent's Age at This Move
		Q. G5	0 = Residence at birth 15 = Residence at age 15 99 = Don't know See AGMV_FLG (Col. 77) to find imputed ages

Cols	Length	Variable Name	Description and Codes
20-20	1	TYPE	Type of Place At Time of Move
		Q. G2,G3b,G7	1 = Kampung 2 = Estate 3 = Land scheme 4 = New village 5 = Small town 6 = Large town 7 = City 8 = Other (e.g., Likut Naval Base) 9 = Don't know

Cols	Length	Variable Name	Description and Codes
21-22	2	DISTRICT	District
		Q. G1,G3a,G6	See Appendix B for codes

Cols	Length	Variable Name	Description and Codes
23-24	2	STATE	State or Country
		Q. G1,G3a,G6	See Appendix A for codes

MF22MIG--MF22G. Migration and House Characteristics

Cols	Length	Variable Name	Description and Codes

| 25-25 | 1 | DRINK

Q. G8a | Main Source of Drinking Water in This House For Most of Time Lived There

1 = Private pipe
2 = Other pipe
3 = Well
4 = Pump
5 = Cistern
6 = Rainwater
7 = River
8 = Other (e.g. mountain water)
9 = Don't know

Not asked for place of birth |

| 26-26 | 1 | WASH

Q. G8b | Main Source of Water for Washing in This House for Most of Time Lived There

See codes for DRINK (Col. 25).

Not asked for place of birth |

| 27-27 | 1 | TOILET

Q. G9 | Type of Toilet Facilities in This House for Most of Time Lived There

1 = Flush
2 = Pour flush
3 = Bucket
4 = Pit latrine
5 = River
6 = Bushes/jungle
7 = Other (specify)
9 = Don't know

Not asked for place of birth |

| 28-76 | 49 | none | Blank |

77-77	1	AGMV_FLG	Indicates Whether AGEMOVE is an Exact Report or an Estimate Based on Partial Dates

0 = exact age reported
    Either full dates were provided or
    person only reported AGE and no date

1 = estimated age where had both event
    mth/year and mth/year of birth, but
    had at least one range value
    month

2 = estimated age where had month/year
    for either the event or birthdate
    but not both:
      if event in 1st half of year,
        assumed no birthday yet.
      if birthday in first half of year,
        assumed had birthday before the
        event

3 = estimated age where only year of
    event and year of birth available,
    i.e., no months at all were reported

4 = estimated age where only had event
    year and used estimated year of
    birth based on age at interview

Cols	Length	Variable Name	Description and Codes
78-79	2	PERSON	Person Number of Main Respondent for this MF

Matches PERSON in MF22SUM and MF21ROST

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent

    1 = Malay
    2 = Chinese
    3 = Indian
    4 = Other

MF22MIG--MF22G. Migration and House Characteristics

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 21 = First MF22 for household 22 = Second MF22 for household New sample only has SERIES=21 See discussion in Section I

NOTES:

NMOVES (Col. 12-13): Refers to the number of changes of residence
since age 15. For MF22 respondents, a move is a change of house, thus a
move across the street is counted as well as moves to another district or
state. In MF23 (male retrospective) and MF24 (senior retrospective), moves
are recorded only for changes in district of residence.

> CASE 3583 has NMOVES = 99 because she did not answer the
>   question.

> CASE 5947 refused to recall her migration history. She said
>   she always lived in Kuala Lumpur but would not give
>   any information about changes of residence.

For CASE 3583, the district of the last move is 99; the recording
form could not be located to check for a missing move.

For CASE 5735, the district of the last move is different from that
associated with the EB of 1988 residence; the recording form could not be
located to check for a missing move.

MF22G. Migration and House Characteristics--MF22MIG

MF22WORK--FEMALE LIFE HISTORY--WORK HISTORY

1-1	1	HHTYPE	Household Type

        4 = Panel
        5 = Children
        6 = Panel and Children
        7 = New
        8 = Senior
        9 = New and Senior

2-2	1	QNO	Questionnaire Number

        2 = MF22

3-3	1	RECTYPE	Record Type

        6 = Work History

4-7	4	CASE	Household Number

        1-2198   = Panel or Children
        3000-6999 = New or Senior
        7000-8999 = Senior only

8-8	1	SPLIT	Whether Split-off Household

        0 = Not split off
        1 = First split-off
        2 = Second split-off

        See discussion in Section I

Cols	Length	Variable Name	Description and Codes
9-10	2	JOB_NUM	Employment Line Number (not a job number) 01 = First 02 = Second 03 = Etc. See Notes below

Cols	Length	Variable Name	Description and Codes
11-11	1	none	Blank

Cols	Length	Variable Name	Description and Codes
12-12	1	EVERWORK Q. H1	Ever Worked 1 = Yes 2 = No (Skip to REASON1 [Col. 41-42]) See Notes below

Cols	Length	Variable Name	Description and Codes
13-14	2	OCC Q. H2,H10	Occupation (Character data) See Appendix C for codes The occupation code for housewife was not used; periods where the respondent was soley a housewife are treated as nonemployment See Notes below

MF22H. Work History--MF22WORK

15-15	1	WORST	Employment Status in this Occupation
		Q. H2a	1 = Paid employee
			2 = Self-Employed/own account worker
			3 = Employer
			4 = Unpaid family worker/helper
			9 = Don't know
			See Interviewer Instructions for
			detailed descriptions of each type

16-17	2	MTHJOB	Month Employment Began in this Occupation
		Q. H3	1 = January
			2 = February
			3 = March
			4 = April
			5 = May
			6 = June
			7 = July
			8 = August
			9 = September
			10 = October
			11 = November
			12 = December
			13 = Early part of the year
			14 = Middle of the year
			15 = End of the year
			99 = Don't know

18-19	2	YEARJOB	Year Employment Began in this Occupation
		Q. H3	99 = Don't know
			See Notes below

Cols	Length	Variable Name	Description and Codes

20-21	2	AGEBEGAN	Age When Began Working at this Occupation
		Q. H3	99 = Don't know
			See AGEB_FLG (Col. 77) to find imputed ages
			See Notes below

22-23	2	YRSWORK	Years Employed at this Occupation
		Q. H4	0 = Less than one year
			01 = One year
			02 = Etc.
			88 = Still working at this occupation
			99 = Don't know

24-25	2	AGESTOP	Age When Stopped Working at this Occupation
		Q. H4	99 = Don't know

26-30	5	EARNSTRT	Monthly Earnings at Start of this Occupation
		Q. H5	99999 = Don't know (Malaysian dollars)
			Not required if unpaid family worker

MF22H. Work History--MF22WORK

31-31	1	KIND1	First Type of Payment in Kind
		Q. H6	0 = None
			1 = Meals
			2 = Housing
			3 = Food, products for own use
			9 = Unknown
			Not required if unpaid family worker or self-employed

32-32	1	KIND2	Second Type of Payment in Kind
		Q. H6	See codes for KIND1 (Col. 31).

33-33	1	KIND3	Third Type of Payment in Kind
		Q. H6	See codes for KIND1 (Col. 31).

34-34	1	FULLTIME	Employed Fulltime or Parttime per Week
		Q. H7	1 = Fulltime (8 hours/day)
			2 = Parttime
			9 = Unknown

35-35	1	ALLYEAR	Term of Employment in this Occupation
		Q. H8	1 = All year
			2 = Most of year
			3 = Part of year
			9 = Unknown

MF22WORK--MF22H. Work History

Cols	Length	Variable Name	Description and Codes
36-40	5	EARNEND Q. H9	Monthly Earnings at End of Employment in this Occupation 99999 = Don't know (Malaysian dollars) Not asked if currently working (i.e., YRSWORK=88); current earnings are reported in MF25INC

Cols	Length	Variable Name	Description and Codes
41-42	2	REASON1 Q. H1a,H11a	First Reason for Not Working 1 = To care for children 2 = To care for other relatives 3 = Health reasons 4 = School/training 5 = Look for work 6 = No work available 7 = Housework 8 = Retired 9 = Did not want to work 10 = Husband did not want to work 11 = Have baby 20 = Other 99 = Don't know Asked only if never worked or if had a gap of a year or more between employments

Cols	Length	Variable Name	Description and Codes
43-44	2	REASON2 Q. H1a,H11a	Second Reason for Not Working See codes for REASON1 (Col. 41-42).

Cols	Length	Variable Name	Description and Codes
45-46	2	REASON3 Q. H1a,H11a	Third Reason for Not Working See codes for REASON1 (Col. 41-42).

MF22H. Work History--MF22WORK

Cols	Length	Variable Name	Description and Codes
47-47	1	LEAVE Q. H12	Received Paid Maternity Leave 1 = Yes 2 = No 9 = Unknown Asked only if respondent has borne children.

Cols	Length	Variable Name	Description and Codes
48-76	29	none	Blank

MF22WORK--MF22H. Work History

Cols	Length	Variable Name	Description and Codes
77-77	1	AGEB_FLG	Indicates Whether AGEBEGAN is an Exact Report or an Estimate Based on Partial Dates

0 = exact age reported
Either full dates were provided or person only reported AGE and no date

1 = estimated age where had both event mth/year and mth/year of birth, but had at least one range value month

2 = estimated age where had month/year for either the event or birthdate but not both:
    if event in 1st half of year, assumed no birthday yet.
    if birthday in first half of year, assumed had birthday before the event

3 = estimated age where only year of event and year of birth available, i.e., no months at all were reported

4 = estimated age where only had event year and used estimated year of birth based on age at interview

Cols	Length	Variable Name	Description and Codes
78-79	2	PERSON	Person Number of Main Respondent for this MF

Matches PERSON in MF22SUM and MF21ROST

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent

1 = Malay
2 = Chinese
3 = Indian
4 = Other

MF22H. Work History--MF22WORK

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 21 = First MF22 for household 22 = Second MF22 for household New sample only has SERIES=21 See discussion in Section I

NOTES:

JOB_NUM (Col. 9-10): Represents line number of the type of work listed and *does not reflect separate jobs*. A promotion from one job to another *without a change in occupation codes* is not considered a change in type of work and thus is not recorded. However, a *change in employment status* without a change in occupation is considered a change in type of work and is entered as a separate record.

EVERWORK (Col. 12): Refers to work done for at least 3 months since age 15. Work is defined as any jobs the respondent may have had, any work done for her own or a family business or farm, any products she may have made for sale, or services she has performed. Please see the Interviewer Instructions for a complete description of the "definition of work".

OCC (Col. 13-14): The MF22 work history records changes in type of work, changes in work status within a type of work, and long breaks between episodes of a type of work. The occupation code used is a 2-digit level code assigned by office staff. Changes in type of work, however, may occur at the 3-digit occupation code level. Such changes do not show a change in the value of OCC. For example, a woman may have worked as a padi farm worker and then later become a rubber tapper. In both cases, the OCC code would be 62, agricultural worker. In addition, multiple job holding is common in Malaysia and jobs are often related within the broader 2-digit category.

YEARJOB (Col. 18-19)/AGEBEGAN (Col. 20-21): Date job began could be before respondent was age 15. If she was working at age 15, the job may well have started before her 15th birthday. In addition, in some cases jobs that began and ended before age 15 were inadvertently coded. Users may wish to delete these records since jobs completed before age 15 were not routinely recorded.

MF22WORK--MF22H.   Work History

MF22BACK--FEMALE LIFE HISTORY--FAMILY BACKGROUND

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type

4 = Panel
5 = Children
6 = Panel and Children
7 = New
8 = Senior
9 = New and Senior

Cols	Length	Variable Name	Description and Codes
2-2	1	QNO	Questionnaire Number

2 = MF22

Cols	Length	Variable Name	Description and Codes
3-3	1	RECTYPE	Record Type

7 = Family background

Cols	Length	Variable Name	Description and Codes
4-7	4	CASE	Household Number

1-2198   = Panel or Children
3000-6999 = New or Senior
7000-8999 = Senior only

Cols	Length	Variable Name	Description and Codes
8-8	1	SPLIT	Whether Split-off Household

0 = Not split off
1 = First split-off
2 = Second split-off

See discussion in Section I

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number
			1 = Only one record of this type per respondent

Cols	Length	Variable Name	Description and Codes
11-11	1	none	Blank

Cols	Length	Variable Name	Description and Codes
12-12	1	RELIGION	Religion of Respondent
		Q. I1	1 = Muslim
			2 = Buddhist, Confucianist, Taoist
			3 = Hindu
			4 = Sikh
			5 = Catholic
			6 = Other Christian
			7 = Other
			8 = No religion
			9 = No response

Cols	Length	Variable Name	Description and Codes
13-14	2	OLDBROS	Number of Older Living Brothers (includes adopted)
		Q. I2	99 = Don't know

Cols	Length	Variable Name	Description and Codes
15-16	2	OLDSIS	Number of Older Living Sisters (includes adopted)
		Q. I3	99 = Don't know

Cols	Length	Variable Name	Description and Codes

17-18	2	YOUNGBRO	Number of Younger Living Brothers
			(includes adopted)
		Q. I4	
			99 = Don't know

19-20	2	YOUNGSIS	Number of Younger Living Sisters
			(includes adopted)
		Q. I5	
			99 = Don't know

21-22	2	FOCCODE	Father's Occupation When Respondent
			Was Age 5-15
		Q. I6A	(Character data)
			See Appendix C for codes
			Question was skipped if father died
			before respondent's fifth birthday

23-23	1	FATHED	Father's Education
		Q. I7A	0 = None
			1 = Primary
			2 = Secondary
			3 = Post-secondary
			9 = Don't know
			Primary education corresponds to the
			first 6 years of school, secondary to
			the next 5 years (Forms 1-5), and
			post-secondary to 11 years or more
			(Form 6 and higher)

MF22I. Family Background--MF22BACK

Cols   Length   Variable Name   Description and Codes

24-26	3	FATHAGE	Father's age at time of survey
		Q. I8A	0 = Father is dead (Skip to FATHDIED [Col. 33-34])
			999 = Don't know

27-27	1	FATHLIV1	With Whom Does Father Live (first person)
		Q. I9A	1 = Respondent
			2 = Alone
			3 = Spouse
			4 = Other children
			5 = Other relatives
			6 = Friends
			7 = Institution
			8 = Other
			9 = Don't know
			Coded as living with respondent if father eats and sleeps in the respondent's home

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28-28	1	FATHLIV2	With Whom Does Father Live (second person--if applicable)
		Q. I9A	See codes for FATHLIV1 (Col. 27).

29-29	1	FATHLIV3	With Whom Does Father Live (third person--if applicable)
		Q. I9A	See codes for FATHLIV1 (Col. 27).

Cols	Length	Variable Name	Description and Codes

Cols	Length	Variable Name	Description and Codes
30-30	1	FATHLIV4 Q. I9A	With Whom Does Father Live (fourth person--if applicable) See codes for FATHLIV1 (Col. 27).

| 31-31 | 1 | FATHSEE

Q. I10A | How Often Respondent Sees Father if
Not in Same Household

1 = Every day
2 = Several times a week (3-6)
3 = Once or twice a week
4 = One to three times a month
5 = Several times a year (3-11)
6 = Once or twice a year
7 = Less than once a year
8 = Never
9 = Don't know |

| 32-32 | 1 | FATHLTH

Q. I11A | Father's health status

1 = Good
2 = Fair
3 = Poor
9 = Don't know |

| 33-34 | 2 | FATHDIED

Q. I12A | Number of Years Ago Father Died

0 = Less than 1 year ago
Blank if father still alive
99 = Don't know |

MF22I.   Family Background--MF22BACK

Cols	Length	Variable Name	Description and Codes

| 35-36 | 2 | FATHIN1

Q. I13Aa | Inheritance from Father (if dead)
(first type)

0 = None
1 = Land (See FATHLAND [Col. 43-45])
2 = House
3 = Farm equipment
4 = Animals
5 = Boat
6 = Business
7 = Car, truck
8 = Jewelry
9 = Money (See FATHCASH [Col. 47-48])
10 = Other
99 = Don't know |

| 37-38 | 2 | FATHIN2

Q. I13Aa | Inheritance from Father (if dead)
(second type)

See codes for FATHIN1 (Col. 35-36) |

| 39-40 | 2 | FATHIN3

Q. I13Aa | Inheritance from Father (if dead)
(third type)

See codes for FATHIN1 (Col. 35-36) |

| 41-42 | 2 | FATHIN4

Q. I13Aa | Inheritance from Father (if dead)
(fourth type)

See codes for FATHIN1 (Col. 35-36) |

Cols	Length	Variable Name	Description and Codes
43-45	3	FATHLAND Q. I13Ab	Amount of Land Inherited from Father (if dead) 999 = Don't know Must be Combined with FATHUNIT (Col. 46).
46-46	1	FATHUNIT Q. I13Ab	Unit for Amount of Land Inherited (if dead) 1 = Acres 2 = Hectares 3 = Relongs (about 0.7 acres) 4 = Other 9 = Don't know
47-48	1	FATHCASH Q. I13Ac	Amount of Cash Inherited from Father (if dead) 1 = Less than $1000 (Malaysian) 2 = $1000-$4999 3 = $5000-$9999 4 = More than $10,000 9 = Don't know
49-50	2	MOCCODE Q. I6B	Mother's Occupation When Respondent Was Age 5-15 (Character data) See Appendix C for codes Question was skipped if mother died before respondent's fifth birthday

MF22I. Family Background--MF22BACK

51-51	1	MOTHED	Mother's Education

Q. I7B

    0 = None
    1 = Primary
    2 = Secondary
    3 = Post secondary.
    9 = Don't know

Primary education corresponds to the first 6 years of school, secondary to the next 5 years (Forms 1-5), and post-secondary to 11 years or more (Form 6 and higher)

52-54	3	MOTHAGE	Mother's age at time of survey

Q. I8B

    0 = Mother is dead (Skip to MOTHDIED [Col. 61-62])
    999 = Don't know

55-55	1	MOTHLIV1	With Whom Does Mother Live (first person)

Q. I9B

    1 = Respondent
    2 = Alone
    3 = Spouse
    4 = Other children
    5 = Other relatives
    6 = Friends
    7 = Institution
    8 = Other
    9 = Don't know

Coded as living with respondent if mother eats and sleeps in the respondent's home

Cols	Length	Variable Name	Description and Codes
56-56	1	MOTHLIV2 Q. I9B	With Whom Does Mother Live (second person--if applicable) See codes for MOTHLIV1 (Col. 55)

Cols	Length	Variable Name	Description and Codes
57-57	1	MOTHLIV3 Q. I9B	With Whom Does Mother Live (third person--if applicable) See codes for MOTHLIV1 (Col. 55)

Cols	Length	Variable Name	Description and Codes
58-58	1	MOTHLIV4 Q. I9B	With Whom Does Mother Live (fourth person--if applicable) See codes for MOTHLIV1 (Col. 55)

Cols	Length	Variable Name	Description and Codes
59-59	1	MOTHSEE Q. I10B	How Often Respondent Sees Mother if Not in Same Household 1 = Every day 2 = Several times a week (3-6) 3 = Once or twice a week 4 = One to three times a month 5 = Several times a year (3-11) 6 = Once or twice a year 7 = Less than once a year 8 = Never 9 = Don't know

Cols	Length	Variable Name	Description and Codes
60-60	1	MOTHLTH Q. I11B	Mother's health status 1 = Good 2 = Fair 3 = Poor 9 = Don't know

MF22I. Family Background--MF22BACK

61-62	2	MOTHDIED	Number of Years Ago Mother Died
		Q. I12B	0 = Less than 1 year ago
			Blank if mother still alive
			99 = Don't know

63-64		MOTHIN1	Inheritance from Mother (if dead) (first type)
		Q. I13Ba	0 = None
			1 = Land (See MOTHLAND [Col. 71-73])
			2 = House
			3 = Farm equipment
			4 = Animals
			5 = Boat
			6 = Business
			7 = Car, truck
			8 = Jewelry
			9 = Money (See MOTHCASH [Col. 75-76])
			10 = Other
			99 = Don't know

65-66	2	MOTHIN2	Inheritance from Mother (if dead) (second type)
		Q. I13Ba	See codes for MOTHIN1 (Col. 63-64)

67-68	2	MOTHIN3	Inheritance from Mother (if dead) (third type)
		Q. I13Ba	See codes for MOTHIN1 (Col. 63-64)

MF22BACK--MF22I. Family Background

Cols	Length	Variable Name	Description and Codes
69-70	2	MOTHIN4 Q. I13Ba	Inheritance from Mother (if dead) (fourth type) See codes for MOTHIN1 (Col. 63-64)
71-73	3	MOTHLAND Q. I13Bb	Amount of Land Inherited from Mother (if dead) 999 = Don't know Must be combined with MOTHUNIT (Col. 74).
74-74	1	MOTHUNIT Q. I13Bb	Unit for Amount of Land Inherited (if dead) 1 = Acres 2 = Hectares 3 = Relongs (about 0.7 acres) 4 = Other 9 = Don't know
75-76	2	MOTHCASH Q. I13Bc	Amount of Cash Inherited from Mother (if dead) 1 = Less than $1000 (Malaysian) 2 = $1000-$4999 3 = $5000-$9999 4 = More than $10,000 9 = Don't know
77-77	1	none	Blank
78-79	2	PERSON	Person Number of Main Respondent for this MF Matches PERSON in MF22SUM and MF21ROST

MF22I. Family Background--MF22BACK

Cols   Length   Variable Name   Description and Codes

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent 1 = Malay 2 = Chinese 3 = Indian 4 = Other
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 21 = First MF22 for household 22 = Second MF22 for household New sample only has SERIES=21 See discussion in Section I

NOTES: .

MF22BACK--MF22I.   Family Background

MF22HP1--FEMALE LIFE HISTORY--HELP FOR OWN PARENTS

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 8 = Help for/from Relatives
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22J. Help for Own Parents--MF22HP1

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent
11-11	1	SUBTYPE	Record Subtype 1 = Help given to own parents Includes step and adoptive parents; assistance refers to that given by the respondent or their spouse; respondents who do not have parents living elsewhere will have data in col. 1-11 only
12-12	1	none	Blank
13-13	1	MLASTTP Q. J1A	Given Money to Own Parents in Last 12 Months 1 = Yes 2 = No 9 = Don't know
14-15	2	MYRHLPTP Q. J2A	Number of Years Have Given Money to Own Parents 0 = Less than one year 88 = Always 99 = Don't know

MF22HP1--MF22J. Help for Own Parents

Cols	Length	Variable Name	Description and Codes

| 16-16 | 1 | MFREQTP | How Frequently Give Money to Own Parents |

Q. J3A

1 = Every day
2 = Several times a week (3-6)
3 = Once or twice a week
4 = 1 to 3 times a month
5 = Several times a year (3-11)
6 = 1 to 2 times a year
7 = Less than once a year
8 = One time only
9 = Don't know

| 17-22 | 6 | MMONEYTP | Amount of Money Given in Last 12 Months to Own Parents |

Q. J4A

999999 = Don't know
(Malaysian dollars)

| 23-23 | 1 | FLASTTP | Given Food/Other Goods to Own Parents in Last 12 Months |

Q. J1B

1 = Yes
2 = No
9 = Don't know

| 24-25 | 2 | FYRHLPTP | Number of Years Have Given Food/Goods to Own Parents |

Q. J2B

0 = Less than one year
88 = Always
99 = Don't know

MF22J. Help for Own Parents--MF22HP1

Cols   Length   Variable Name   Description and Codes

26-26	1	FFREQTP	How Frequently Give Food/Goods to Own Parents
		Q. J3B	
			See codes for MFREQTP (Col. 16).

27-32	6	FMONEYTP	Value of Food/Goods Given in Last 12 Months to Own Parents
		Q. J4B	
			999999 = Don't know
			(Malaysian dollars)

33-33	1	HLASTTP	Done Household Chores for Own Parents in Last 12 Months
		Q. J1C	
			1 = Yes
			2 = No
			9 = Don't know
			Refers to both household chores and personal care. Personal care is defined help with walking, eating, or hygiene.

34-35	2	HYRHLPTP	Number of Years Done Household Chores for Own Parents
		Q. J2C	
			0 = Less than one year
			88 = Always
			99 = Don't know

36-36	1	HFREQTP	How Frequently Done Household Chores for Own Parents
		Q. J3C	
			See codes for MFREQTP (Col. 16).

MF22HP1--MF22J.   Help for Own Parents

Cols	Length	Variable Name	Description and Codes
37-37	1	BLASTTP Q. J1D	Helped Own Parents with the Family Business in Last 12 Months 1 = Yes 2 = No 9 = Don't know
38-39	2	BYRHLPTP Q. J2D	Number of Years Helped Own Parents with the Family Business 0 = Less than one year 88 = Always 99 = Don't know
40-40	1	BFREQTP Q. J3D	How Frequently Help Own Parents with The Family Business See codes for MFREQTP (Col. 16).
41-77	37	none	Blank
78-79	2	PERSON	Person Number of Main Respondent for this MF Matches PERSON in MF22SUM and MF21ROST
80-80	1	RACE	Race of Respondent 1 = Malay 2 = Chinese 3 = Indian 4 = Other

MF22J. Help for Own Parents--MF22HP1

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES:

MF22HP1--MF22J.   Help for Own Parents

MF22HP2--FEMALE LIFE HISTORY--HELP FROM OWN PARENTS

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 8 = Help for/from Relatives
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22J. Help from Own Parents--MF22HP2

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent
11-11	1	SUBTYPE	Record Subtype 2 = Help from own parents Administered only to those with at least one parent living elsewhere
12-12	1	none	Blank
13-13	1	MLASTFP Q. J5A	Received Money from Own Parents in Last 12 Months 1 = Yes 2 = No 9 = Don't know
14-15	2	MYRHLPFP Q. J6A	Number of Years Have Received Money from Own Parents 0 = Less than one year 88 = Always 99 = Don't know

MF22HP2--MF22J. Help from Own Parents

16-16	1	MFREQFP Q. J7A	How Frequently Receive Money from Own Parents 1 = Every day 2 = Several times a week (3-6) 3 = Once or twice a week 4 = 1 to 3 times a month 5 = Several times a year (3-11) 6 = 1 to 2 times a year 7 = Less than once a year 8 = One time only 9 = Don't know

17-22	6	MMONEYFP Q. J8A	Amount of Money Received from Own Parents in Last 12 Months 999999 = Don't know (Malaysian dollars)

23-23	1	FLASTFP Q. J5B	Received Food/Other Goods from Own Parents in Last 12 Months 1 = Yes 2 = No 9 = Don't know

24-25	2	FYRHLPFP Q. J6B	Number of Years Have Received Food/Goods from Own Parents 0 = Less than one year 88 = Always 99 = Don't know

MF22J. Help from Own Parents--MF22HP2

Cols	Length	Variable Name	Description and Codes
26-26	1	FFREQFP Q. J7B	How Frequently Receive Food/Goods from Own Parents See codes for MFREQFP (Col. 16).
27-32	6	FMONEYFP Q. J8B	Value of Food/Goods Received from Own Parents in Last 12 Months 999999 = Don't know (Malaysian dollars)
33-33	1	KLASTFP Q. J5C	Received Free Child Care from Own Parents in Last 12 Months 1 = Yes 2 = No 9 = Don't know
34-35	2	KYRHLPFP Q. J6C	Number of Years Received Child Care from Own Parents 0 = Less than one year 88 = Always 99 = Don't know
36-36	1	KFREQFP Q. J7C	How Frequently Receive Child Care from Own Parents See codes for MFREQFP (Col. 16).

MF22HP2--MF22J. Help from Own Parents

Cols	Length	Variable Name	Description and Codes
37-37	1	HLASTFP Q. J5D	Had Household Chores Done by Own Parents in Last 12 Months 1 = Yes 2 = No 9 = Don't know Refers to both household chores and personal care. Personal care is defined help with walking, eating, or hygiene.
38-39	2	HYRHLPFP Q. J6D	Number of Years Household Chores Done by Own Parents 0 = Less than one year 88 = Always 99 = Don't know
40-40	1	HFREQFP Q. J7D	How Frequently Household Chores Done by Own Parents See codes for MFREQFP (Col. 16).
41-41	1	BLASTFP Q. J5E	Helped in Family Business by Own Parents in Last 12 Months 1 = Yes 2 = No 9 = Don't know
42-43	2	BYRHLPFP Q. J6E	Number of Years Helped in Family Business by Own Parents 0 = Less than one year 88 = Always 99 = Don't know

MF22J. Help from Own Parents--MF22HP2

Cols	Length	Variable Name	Description and Codes
44-44	1	BFREQFP Q. J7E	How Frequently Helped in Family Business by Own Parents See codes for MFREQFP (Col. 16).
45-77	33	none	Blank
78-79	2	PERSON	Person Number of Main Respondent for this MF Matches PERSON in MF22SUM and MF21ROST
80-80	1	RACE	Race of Respondent 1 = Malay 2 = Chinese 3 = Indian 4 = Other
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household 21 = First MF22 for household 22 = Second MF22 for household New sample only has SERIES=21 See discussion in Section I

NOTES:

MF22HP2--MF22J. Help from Own Parents

MF22HC1--FEMALE LIFE HISTORY--HELP FOR GROWN CHILDREN

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 8 = Help for/from Relatives
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22J. Help for Grown Children--MF22HC1

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent
11-11	1	SUBTYPE	Record Subtype 3 = Help given to grown children, (over age 18) not living in household Includes step and adoptive children; assistance refers to that given by the respondent or their spouse; respondents who do not have grown children living elsewhere will have data in col. 1-11 only
12-12	1	none	Blank
13-13	1	MLASTTC Q. J10A	Given Money in Last 12 Months to Grown Children Who Have Left Home 1 = Yes 2 = No 9 = Don't know
14-15	2	MYRHLPTC Q. J11A	Number of Years Have Given Money to Grown Children Who Have Left Home 0 = Less than one year 88 = Always 99 = Don't know

MF22HC1--MF22J.   Help for Grown Children

Cols	Length	Variable Name	Description and Codes
16-16	1	MFREQTC Q. J12A	How Frequently Give Money to Grown Children Who Have Left Home 1 = Every day 2 = Several times a week (3-6) 3 = Once or twice a week 4 = 1 to 3 times a month 5 = Several times a year (3-11) 6 = 1 to 2 times a year 7 = Less than once a year 8 = One time only 9 = Don't know
17-22	6	MMONEYTC Q. J13A	Amount of Money Given in Last 12 Months to Grown Children 999999 = Don't know (Malaysian dollars)
23-23	1	FLASTTC Q. J10B	Given Food/Other Goods in Last 12 Months to Grown Children Who Have Left Home 1 = Yes 2 = No 9 = Don't know
24-25	2	FYRHLPTC Q. J11B	Number of Years Have Given Food/Goods to Grown Children Who Have Left Home 0 = Less than one year 88 = Always 99 = Don't know

MF22J. Help for Grown Children--MF22HC1

Cols	Length	Variable Name	Description and Codes
26-26	1	FFREQTC Q. J12B	How Frequently Give Food/Goods to Grown Children Who Have Left Home See codes for MFREQTC (Col. 16).
27-32	6	FMONEYTC Q. J13B	Value of Food/Goods Given in Last 12 Months to Grown Children 999999 = Don't know (Malaysian dollars)
33-33	1	KLASTTC Q. J10C	Provided Free Child Care in Last 12 Months to Grown Children Who Left Home 1 = Yes 2 = No 9 = Don't know
34-35	2	KYRHLPTC Q. J11C	Number of Years Provided Child Care to Grown Children Who Have Left Home 0 = Less than one year 88 = Always 99 = Don't know
36-36	1	KFREQTC Q. J12C	How Frequently Provide Child Care to Children Who Have Left Home See codes for MFREQTC (Col. 16).

MF22HC1--MF22J. Help for Grown Children

Cols	Length	Variable Name	Description and Codes

| 37-37 | 1 | HLASTTC

Q. J10D | Done Household Chores in Last 12 Months for Grown Children Who Left Home

1 = Yes
2 = No
9 = Don't know

Refers to both household chores and personal care. Personal care is defined help with walking, eating, or hygiene. |

| 38-39 | 2 | HYRHLPTC

Q. J11D | Number of Years Done Household Chores for Grown Children Who Have Left Home

0 = Less than one year
88 = Always
99 = Don't know |

| 40-40 | 1 | HFREQTC

Q. J12D | How Frequently Done Household Chores for Children Who Have Left Home

See codes for MFREQTC (Col. 16). |

| 41-41 | 1 | BLASTTC

Q. J10E | Helped With Family Business in Last 12 Months for Grown Children Who Left Home

1 = Yes
2 = No
9 = Don't know |

| 42-43 | 2 | BYRHLPTC

Q. J11E | Number of Years Helped With Family Business for Grown Children

0 = Less than one year
88 = Always
99 = Don't know |

MF22J. Help for Grown Children--MF22HC1

44-44	1	BFREQTC	How Frequently Help With Family Business for Grown Children Who Left Home
		Q. J12E	
			See codes for MFREQTC (Col. 16).

| 45-77 | 33 | none | Blank |

| 78-79 | 2 | PERSON | Person Number of Main Respondent for this MF |
| | | | Matches PERSON in MF22SUM and MF21ROST |

80-80	1	RACE	Race of Respondent
			1 = Malay
			2 = Chinese
			3 = Indian
			4 = Other

81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household
			21 = First MF22 for household
			22 = Second MF22 for household
			New sample only has SERIES=21
			See discussion in Section I

NOTES:

MF22HC1--MF22J. Help for Grown Children

MF22HC2--FEMALE LIFE HISTORY--HELP FROM GROWN CHILDREN

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 8 = Help for/from Relatives
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

MF22J. Help from Grown Children--MF22HC2

Cols	Length	Variable Name	Description and Codes
9-10	2	SEQNO	Sequence Number 1 = Only one record of this type per respondent
11-11	1	SUBTYPE	Record Subtype 4 = Help from grown children, (over age 18) not living in household Administered only to those with grown children living elsewhere
12-12	1	none	Blank
13-13	1	MLASTFC Q. J14A	Received Money in Last 12 Months from Grown Children Who Have Left Home 1 = Yes 2 = No 9 = Don't know
14-15	2	MYRHLPFC Q. J15A	Number of Years Have Received Money from Grown Children Who Have Left Home 0 = Less than one year 88 = Always 99 = Don't know

MF22HC2--MF22J.   Help from Grown Children

Cols	Length	Variable Name	Description and Codes
16-16	1	MFREQFC Q. J16A	How Frequently Receive Money from Grown Children Who Have Left Home 1 = Every day 2 = Several times a week (3-6) 3 = Once or twice a week 4 = 1 to 3 times a month 5 = Several times a year (3-11) 6 = 1 to 2 times a year 7 = Less than once a year 8 = One time only 9 = Don't know
17-22	6	MMONEYFC Q. J17A	Amount of Money Received in Last 12 Months from Grown Children 999999 = Don't know (Malaysian dollars)
23-23	1	FLASTFC Q. J14B	Received Food/Other Goods in Last 12 Months from Grown Children 1 = Yes 2 = No 9 = Don't know
24-25	2	FYRHLPFC Q. J15B	Number of Years Have Received Food/Goods from Grown Children Who Have Left Home 0 = Less than one year 88 = Always 99 = Don't know

MF22J. Help from Grown Children--MF22HC2

	Cols	Length	Variable Name	Description and Codes
	26-26	1	FFREQFC	How Frequently Receive Food/Goods from Grown Children Who Have Left Home
			Q. J16B	See codes for MFREQFC (Col. 16).

	Cols	Length	Variable Name	Description and Codes
	27-32	6	FMONEYFC	Value of Food/Goods Received in Last 12 Months from Grown Children
			Q. J17B	999999 = Don't know (Malaysian dollars)

	Cols	Length	Variable Name	Description and Codes
	33-33	1	KLASTFC	Received Free Child Care in Last 12 M Months from Grown Children Who Left Home
			Q. J14C	1 = Yes 2 = No 9 = Don't know

	Cols	Length	Variable Name	Description and Codes
	34-35	2	KYRHLPFC	Number of Years Received Child Care from Grown Children Who Have Left Home
			Q. J15C	0 = Less than one year 88 = Always 99 = Don't know

	Cols	Length	Variable Name	Description and Codes
	36-36	1	KFREQFC	How Frequently Receive Child Care from Children Who Have Left Home
			Q. J16C	See codes for MFREQFC (Col. 16).

MF22HC2--MF22J.   Help from Grown Children

Cols	Length	Variable Name	Description and Codes
37-37	1	HLASTFC Q. J14D	Had Household Chores Done in Last 12 Months by Grown Children Who Left Home 1 = Yes 2 = No 9 = Don't know Refers to both household chores and personal care. Personal care is defined help with walking, eating, or hygiene.
38-39	2	HYRHLPFC Q. J15D	Number of Years Household Chores Done by Grown Children Who Have Left Home 0 = Less than one year 88 = Always 99 = Don't know
40-40	1	HFREQFC Q. J16D	How Frequently Household Chores Done by Children Who Have Left Home See codes for MFREQFC (Col. 16).
41-41	1	BLASTFC Q. J14E	Helped in Family Business in Last 12 Months by Grown Children Who Left Home 1 = Yes 2 = No 9 = Don't know
42-43	2	BYRHLPFC Q. J15E	Number of Years Helped in Family Business by Grown Children 0 = Less than one year 88 = Always 99 = Don't know

MF22J. Help from Grown Children--MF22HC2

Cols   Length   Variable Name   Description and Codes
_____

| 44-44   1   BFREQFC   How Frequently Helped in Family Business |
| by Grown Children Who Left Home |
| Q. J16E |
| See codes for MFREQFC (Col. 16). |
|_____|

| _____ |
| |
| 45-77   33   none   Blank |
|_____|

| _____ |
| |
| 78-79   2   PERSON   Person Number of Main Respondent |
| for this MF |
| |
| Matches PERSON in MF22SUM and MF21ROST |
|_____|

| _____ |
| |
| 80-80   1   RACE   Race of Respondent |
| |
| 1 = Malay |
| 2 = Chinese |
| 3 = Indian |
| 4 = Other |
|_____|

| _____ |
| |
| 81-82   2   SERIES   Sort Variable for Multiple Questionnaires|
| per Household |
| |
| 21 = First MF22 for household |
| 22 = Second MF22 for household |
| |
| New sample only has SERIES=21 |
| See discussion in Section I |
|_____|

NOTES:

MF22HC2--MF22J. Help from Grown Children

MF22EVAL--FEMALE LIFE HISTORY--INTERVIEW EVALUATION

Cols	Length	Variable Name	Description and Codes
1-1	1	HHTYPE	Household Type 4 = Panel 5 = Children 6 = Panel and Children 7 = New 8 = Senior 9 = New and Senior
2-2	1	QNO	Questionnaire Number 2 = MF22
3-3	1	RECTYPE	Record Type 9 = Interview evaluation
4-7	4	CASE	Household Number 1-2198 = Panel or Children 3000-6999 = New or Senior 7000-8999 = Senior only
8-8	1	SPLIT	Whether Split-off Household 0 = Not split off 1 = First split-off 2 = Second split-off See discussion in Section I

Cols	Length	Variable Name	Description and Codes

9-10	2	SEQNO	Sequence Number
			1 = Only one record of this type per respondent

11-11	1	none	Blank

12-12	1	RELIABLE	Reliability of Respondent's Answers
		Q. K1	1 = Very good
			2 = Good
			3 = Average
			4 = Unsatisfactory
			5 = Very unsatisfactory
			9 = Don't know

13-13	1	INTEREST	Interest Level of Respondent Towards the Interview
		Q. K2	1 = Very interested
			2 = Somewhat interested
			3 = Not interested
			9 = Don't know

14-77	64	none	Blank

78-79	2	PERSON	Person Number of Main Respondent for this MF
			Matches PERSON in MF22SUM and MF21ROST

MF22EVAL--MF22K.   Interview Evaluation

Cols	Length	Variable Name	Description and Codes
80-80	1	RACE	Race of Respondent

1 = Malay
2 = Chinese
3 = Indian
4 = Other

Cols	Length	Variable Name	Description and Codes
81-82	2	SERIES	Sort Variable for Multiple Questionnaires per Household

21 = First MF22 for household
22 = Second MF22 for household

New sample only has SERIES=21
See discussion in Section I

NOTES:

MF22K. Interview Evaluation--MF22EVAL