Kids in Taiwan: National Longitudinal Study of Child Development and Care (KIT): KIT-M3 at 24 months old

User Guide

I. Overview

Principal Investigator	Chien-Ju Chang
Execution Institution	Center for Educational Research and Evaluation & Department of Human Development and Family Studies, National Taiwan Normal University
Funding Agency	Ministry of Science and Technology
Span of Project Execution	2017-11-01~2020-12-31
Span of Investigation	2018-03-01~2019-07-31

II. Released File Description

1. User guide

userguide.docx	Including released file description, guideline for data validation and usage, guideline for citation and contact us etc.

2. Questionnaire

ques1.pdf	Questionnaire for parents or primary caregivers who provide care for the child for the majority of time
ques2.pdf	Questionnaire for relatives, friends, or domestic nannies who provide care for the child during the day
ques3.pdf	Questionnaire for nannies/caregivers/educarers at daycare centers or preschools

3. Datasets

data1.csv	Comma delimited dataset (parents or primary caregivers)
data1.sav	SPSS dataset (parents or primary caregivers)
data1.dta	STATA dataset (parents or primary caregivers)
data2.csv	Comma delimited dataset (relatives, friends, or domestic nannies)

data2.sav	SPSS dataset (relatives, friends, or domestic nannies)
data2.dta	STATA dataset (relatives, friends, or domestic nannies)
data3.csv	Comma delimited dataset (nannies/caregivers/ educarers at daycare centers or preschools)
data3.sav	SPSS dataset (nannies/caregivers/educarers at daycare centers or preschools)
data3.dta	STATA dataset (nannies/caregivers/educarers at daycare centers or preschools)
IRT.csv	Comma delimited dataset (ability estimates of cognitive, language, social, emotional, physical developments)
IRT.sav	SPSS dataset (ability estimates of cognitive, language, social, emotional, physical developments)
IRT.dta	STATA dataset (ability estimates of cognitive, language, social, emotional, physical developments)

4. Other

M3-M24 questionnaire domains_reliability&validity. pdf	The result of the reliability and validity analysis of the Questionnaire
weighting.pdf	Weighting calculation
list_variables_by_wave.xlsx	Full list of variable information (variable names, variable labels, scale/domains) by wave

III. Guideline for data validation and usage

1. CSR has checked wild codes and out-of-range values, to validate and clean data. At each subsequent wave of data collection, the KIT project cross-checked response accuracy across waves. However, some inconsistent data could not be verified as the respondents could not be reached. Please be aware that these data have not been removed and are included in the datasets. For example, variables that asked about times of certain events such as parentsam, parentspm, sleep01b, sleep01c (in data1) or am, pm (in data3) may not have been converted to the 24-hour time format (e.g., "900" may need to be converted to "2100") because they could not be verified after the interviews. In addition, other variables that asked

about times may appear unreasonable, such as sleep01a, sleep01d (in data1). Responses that do not appear to be reasonable are listed in the table below (See Table 1):

Table 1

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A I.4.3	data1	pfa0403	105	1
ques1 Part A I.6	data1	pfa06	9996	1
ques1 Part A I.7.1.1.2	data1	pfa070102b	33	1
ques1 Part A I.7.1.2.1	data1	pfa070201a	30	1
ques1 Part A I.7.1.2.2	data1	pfa070202b	0	1
			26	1
			27	1
			28	1
			30	2
			34	2
			36	17
ques1 Part A I.7.1.2.4	data1	pfa070204b	30	1
			36	2
ques1 Part A II.2.1	data1	pfb0201b	2018	1
			2019	1
ques1 Part A II.2.1	data1	pfb0202a	2000	1
			2013	1
			2014	1
ques1 Part A II.2.1	data1	pfb0202b	2002	1
ques1 Part A II.2.1	data1	pfb0203a	2018	1
ques1 Part A II.2.1	data1	pfb0203b	2018	2
ques1 Part A II.2.1	data1	pfb0204a	2002	1
			2010	1
ques1 Part A III.8	data1	pfc08	4	1
ques1 Part C I.38	data1	famevic1501a	30	1
			48	1

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part E II.2	data1	postn02	3	1
			49	2
			3138	1
			3460	1
ques1 Part E II.3	data1	postn03	274	1
ques1 Part E III.1	data1	heigh	10.5	1
			11.8	1
			33	1
ques1 Part E III.1	data1	heighy	2014	1
			2015	2
			2016	4
			2017	21
			2020	1
ques1 Part E III.1	data1	weight	4.0	1
ques1 Part E III.1	data1	weighty	2016	4
			2017	15
			2020	1
ques1 Part E V.1	data1	sleep01a	24	1
ques1 Part E V.1	data1	sleep01d	23	1
Ques3 Part A I.5	data3	basic0803	0	1

For responses that do not appear to be reasonable across question items, please see Appendix A.

2. The column widths of variable label and value description in the STATA are limited to 80 and 40 bytes, respectively, so the STATA dataset shows only the first 80 bytes as variable label, and the first 40 bytes as value description. In case of cut-off contexts, please see questionnaire.

3. The questionnaires developed by KIT project cannot be used elsewhere for data collection without formal permission. If you intend to use items from our questionnaires, please contact the KIT team via phone (02)77493142 or email kidsintw@gmail.com.

4. Population and Sampling Principle:

Two groups of children are followed, and their developmental condition and family and care information were collected by the KIT project. Both samples are nationally representative. The sampling frame of KIT-M3 consists of children who live in Taiwan (excluding offshore islands), and were registered in the Household Registration System, and whose birthdays are between 2016/4/1 and 2017/6/30. The sampling frame of KIT-M36 consists of children who live in Taiwan (excluding offshore islands) and were registered in the Household Registration System, and whose birthdays are between 2013/4/1 and 2014/3/31. The stratified two-stage probability-proportional-to-size sampling method is used with county and person as the primary and secondary sampling units respectively. Because the population in the east region of Taiwan is smaller and concentrated in fewer areas, only the personal level is used during the sampling process. Stratification is based on the system created by Center for Survey Research, Academia Sinica in 2014. The original sample of KIT-M3 includes 13,692 children, and the original sample of KIT-M36 includes 4,260 children.

5. Sample

The KIT project follows two national representative samples, KIT-M3 (birth cohort) and KIT-M36 (child cohort). KIT-M3 is interviewed at 3, 6, 12, 18, 24, 36, 48, 60, 72 months old, and every year at the elementary school level until Grade 6 (a total of 15 waves). KIT-M36 is interviewed at 36, 48, 60, 72 months old, and every year at the elementary school and junior high school levels until Grade 9 (a total of 13 waves). The data released is the 5th wave (24 months old) of data collection for KIT-M3. As the goal of the project is to retain as many participants as possible, those who did not complete the interview in prior wave(s) were not excluded in subsequent wave(s).

6. Questionnaires

The instruments that KIT project uses for data collection include parent questionnaire, relative-and-friend questionnaire, and educarer questionnaire. Researchers can combine the data from the parent questionnaire and the friends-and-relatives questionnaire by matching the variable, *release_id*.

(1) If the child is cared for by parent(s) during the day, the parent questionnaire is administered and is answered by the parent.

(2) If the child is cared for by a relative or a domestic nanny during the day and is cared for by parent(s) during the night or on weekends, two questionnaires are administered: the parent questionnaire is answered by the parent; the friends-and-relatives questionnaire is answered by the daytime caregiver.

(3) When the child goes to a nanny's home, a daycare center or a kindergarten during the day and is cared for by parent(s) during the night or on weekends, the parent questionnaire is answered by the parent.

(4) If the child is cared for by a relative or a live-in nanny 24 hours a day for a prolonged period, the parent questionnaire is administered and is answered by the caregiver.

(5) If the child goes to a nanny's home, a daycare center or a kindergarten during the day and is cared for by a relative or a live-in nanny during the night and most weekends for a prolonged period, the parent questionnaire is answered by the caregiver.

(6) Data collection for the KIT project is mixed-mode; respondents completed surveys via face-to-face interviews or online (with online responses coded as 99999 for *interviewer_id*).

7. Others

(1) In order to observe the accurate status of child development, the proposed interview should be executed 15 days before or after the child reaches 3 months old and 6 months old. For children over 1 year old, the proposed interview date is 30 days before or after the child's birthday. Sometimes it is difficult to schedule an interview in the proposed interview period. In the datasets, *int_months* provides the number of months (i.e., child's age in months) at the time of interview completion. Researchers may decide whether to keep data collected outside the proposed 30-day interview range. In this data wave (i.e., 24M), due to a birthday error, the interview for one particular child's primary caregivers took place six months earlier than intended. Researchers may decide whether to include the information in the analysis.

(2) Researchers should pay attention to the variable *relationship* in the parent questionnaire and the friends-and-relatives questionnaire. The variable identifies the person who answers the questionnaire. The parent questionnaire may be answered by people other than the parent, and the friends-and-relatives questionnaire may be answered by a domestic nanny.

(3) The parent questionnaire asks if the child goes to a day care center or a kindergarten. Some respondents reported "No" for this question, but the interviewer later found that the child did go to a center or school. Therefore, the educarer questionnaire is still administered. Researchers may decide how to use inconsistent information discovered between different questionnaires.

(4) Only one person should answer the parent questionnaire. However, for a number of cases, there was a change of respondents during the interview. These errors could be related to any event that occurred during the interview, such as attending to a crying baby, etc. Change of respondents could lead to inconsistency among these variables: pfB13 and fammar07. Researchers will need to decide how to approach the information.

(5) Before releasing the datasets, the project staff checked for inconsistent information across different waves. Inconsistent answers were verified with the respondents via phone call and the answers were corrected. If the inconsistent answers were unable to verify, the original answers were retained in the file. Researchers should check the data when conducting cross-wave analysis, and prepare the data according to their own research purpose.

(6) Data labels for non-responses include 7777 ("refused to answer"), 8888 ("don't know"), 9996 ("not applicable/question skipped"), 9999 ("missing").

(7) Social and emotional development: In *ques1* (parents or primary caregivers), there are four areas/scales that measure children's competence: cognition, language, social-emotional, and physical development. For cognition, language, and physical development, researchers can obtain a total (mean) score from each scale as an overall estimate of a child's competence. However, for social-emotional development, such an approach does not apply, as (1) social and emotional development are two separate sub-scales; and (2) the entire scale includes sub-domains besides social and emotional competence (such as temperament, secure attachment, withdrawal, aggression, shyness, and shame). To obtain a score for social competence and another score for emotional competence separately, please refer to questionnaire items listed under these domains in the following two files: *M3-M24 questionnaire domains_reliability&validity* (PDF file) and *list_variables_by_wave* (xlsx file).

(8) Some notes about data1 (parents or primary caregivers):

i. Question items collecting basic information that was not likely to change over a period of six months (i.e., the interview time gap from 6M to 12M, and from 12M to 18M) were not asked for the third (i.e., 12M) and fourth wave (i.e., 18M). These questions were asked again for this wave (i.e., the fifth, 24M) and they include "Whom does the child live with now," "Does the child have any brothers or sisters," and "What is the approximate total monthly income of the child's family." These variables are *pfb0101, pfb0102, pfb0103, pfb0104, pfb0105, pfb0106, pfb0107, pfb0108, pfb0109, pfb0110, pfb0111, pfb0112, pfb0113, pfb0114, pfb0115, pfb0116, pfb0117, pfb0118, pfb0119, pfb0120, pfb0121, pfb0122, pfb0112a, pfb0113a, pfb0114a, pfb0115a, pfb0116a, pfb0117a, pfb0120a, pfb02, pfb0201, pfb0202, pfb0203, pfb0204, pfb0201a, pfb0201b, pfb0201c, pfb0201d, pfb0201e, pfb0201f, pfb0201g, pfb0201h, pfb0201i, pfb0202a, pfb0202b, pfb0202c, pfb0202d, pfb0202e, pfb0202f, pfb0202g, pfb0202h, pfb0202i, pfb0203a, pfb0203b, pfb0203c, pfb0203d, pfb0203e, pfb0203f, pfb0203g, pfb0203h, pfb0203i, pfb0204a, pfb0204b, pfb0204c, pfb0204d, pfb0204e, pfb0204f, pfb0204g, pfb0204h, pfb0204i, pfb12*.

ii. Variables not included in the prior waves of data collection but added to this wave (i.e., 24M) are *care1* (Table 2), and *online1, online2, online3, online4, online5, online6* (Table 3):

Table 2

care1:
Is the child care facility (where the child is receiving care) public or private?
☐①public   ☐②private   ☐③non-profit   ☐④don't know

Table 3

online1、online2、online3、online4、online5、online6 (for 24M only):
1. Do you have the following at home: 1. Internet connection
☐①no   ☐②yes
2. Do you have the following at home: 2. desktop computer(s)
☐①no   ☐②yes
3. Do you have the following at home: 3. laptop(s)
☐①no   ☐②yes
4. Do you have the following at home: 4. smartphone(s)
☐①no   ☐②yes
5. Do you have the following at home: 5. tablet(s)
☐①no   ☐②yes
6. Do you have the following at home: 6. none of the above
☐①no   ☐②yes

Table 4

video:
1. interview conducted via Internet video calls
☐①no   ☐②yes

(9) Some notes about data3 (nannies, caregivers or educarers):

   i. Questionnaire respondents include the following three categories: preschool educarers (also referred to as educarers), daycare/nursey care center educarers (also referred to as caregivers), and domestic educarers (also referred to as nannies). Please see variable *tsorting* for the categories (1 = preschool educarer; 2 = nursey care center educarer; 3 = domestic educarer).

ii. For some variables that provide basic info by educarer category (e.g., gender, year of birth, years of work experience), the information is available (and sometimes repeated) through multiple variables. For example, gender information is provided through the following four variables: *tgender* (gender info for preschool educarers and nursery care center educarers combined), *tgender01* (gender info for preschool educarers alone), *tgender02* (gender info for nursery care center educarers alone), *tgender03* (gender info for domestic educarers alone). Such variables also include *basic0501, basic0502, basic0503, basic0504, basic0505, basic0506, basic0507, basic0508, basic0101, basic0201, basic030101, basic030201, basic0801, basic0901, basic0102, basic0202, basic030102, basic030202, basic0802, basic0902, basic0103, basic0203*.

iii. For researchers who are interested in looking at data for child care programs and organizations altogether, data3 provides basic info for preschool and nursery care center combined. Please refer to *basic02, basic0301, basic0302, basic08, basic09*. Such aggregated data are provided for your convenience.

iv. Data values for *basic01* ("Years working as preschool educarer or years caring children under three years old"): For KIT-M3, the project did not interview nannies/caregivers/educarers at daycare centers or preschools during waves 1 and 2 (i.e., 3 and 6 months); therefore, there was no *data3*. In waves 3 and 4 (i.e., 12 and 18 months), *basic01* values smaller than 1 were converted to 0 and labeled as "less than 1 year." As of wave 5 (i.e., 24 months), such data conversion and label no longer applies. Please use caution when merging multiple data waves, as there are discrepancies in data values in waves 3 and 4.

v. In the released copy of the educarer questionnaire, two questions asked the respondents whether their organizations participated in particular Ministry of Education programs. At the time of the 12M interviews, these two questions no longer applied and were omitted. For the two questions, please see Question 6 in Part I, "In the past three years did the institution you work participate in any program sponsored by the Ministry of Education?" (See p.1-2, end of Basic Information for preschool educarers) and Question 6 in Part I, "In the past three years did the institution you work participate in any program sponsored by the Ministry of Education?" (See p. 3-4, end of Basic Information for nursery care center educarers).

IV. Guideline for citation

Citation, based upon the requirement of various journals, theses or dissertations, can be revised.

Chien-Ju Chang. (2024). Kids in Taiwan: National Longitudinal Study of Child Development and Care (KIT): KIT-M3 at 24 months old (D00228) [Data file]. Available from Survey Research Data Archive, Center for Survey Research, Research Center for Humanities and Social Sciences, Academia Sinica. https://doi.org/10.6141/TW-SRDA-D00228-2

IRB/REC

The KIT project was approved by the research ethics committee of National Taiwan University (No. 201408ES007) and by the research ethics committee of National Taiwan Normal University (No. 201707HS003).

V. Contact us

Survey Research Data Archive (SRDA), Center for Survey Research, Research Center for Humanities Social Sciences, Academia Sinica, Taipei, Taiwan

Email: srda@gate.sinica.edu.tw

Appendix A

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A I.3	data1	pfa03	6	1
		pfa0302	3	
		pfa0302a	Eswatini	
ques1 Part A I.3	data1	pfa03	1	1
		pfa0303	12	
ques1 Part A I.4	data1	pfa04	6	2
		pfa0402	3	
		pfa0402a	Vietnam	
ques1 Part A I.6	data1	pfa06	1	1
		pfa060101	anything but 9996	
ques1 Part A I.7	data1	pfa07	2	1
		pfa0701, pfa0702	anything but 1 for all	
ques1 Part A I.7	data1	pfa07	1	4
		pfa0702	anything but 9996	
		pfa070201	anything but 9996	5
		pfa070201a	anything but 9996	3
		pfa070201b	anything but 9996	
		pfa070202a	anything but 9996	2
		pfa070202b	anything but 9996	
ques1 Part A I.7	data1	pfa0701	0	5
		pfa070101	anything but 9996	
ques1 Part A I.7	data1	pfa070102a	lower than child's age (i.e., 24 months) collectively	19
		pfa070102b		
ques1 Part A I.7	data1	pfa070101	2	1
		pfa070101a	anything but 9996	
		pfa070101b	anything but 9996	
ques1 Part A I.7	data1	pfa070102a	greater than 3 years (i.e., maximum number of years allowed) collectively	1
		pfa070102b		

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A I.7	data1	pfa070103a	inconsistent with the combination of having applied for parental leave in the past and currently on leave	2
		pfa070103b		
		pfa070104a		
		pfa070104b		
ques1 Part A I.7	data1	pfa0702	0	7
		pfa070201	anything but 9996	
ques1 Part A I.7	data1	pfa070201	1	1
		pfa070202a	anything but 9996	
		pfa070202b	anything but 9996	
ques1 Part A I.7	data1	pfa070201	2	10
		pfa070202a	anything but 9996	
		pfa070202b	anything but 9996	
ques1 Part A I.7	data1	pfa070201	3	3
		pfa070201a	anything but 9996	
		pfa070201b	anything but 9996	
ques1 Part A I.7	data1	pfa070201	3	1
		pfa070202a	anything but 9996	
		pfa070202b	anything but 9996	
ques1 Part A I.7	data1	pfa070201a	greater than child's age (i.e., 24 months) collectively	36
		pfa070201b		
ques1 Part A I.7	data1	pfa070202a	lower than child's age (i.e., 24 months) collectively	76
		pfa070202b		
ques1 Part A I.7	data1	pfa070202a	greater than 3 years (i.e., maximum number of years allowed) collectively; or parental leave greater than 2 years collectively	28
		pfa070202b		
ques1 Part A I.7	data1	pfa070204a	greater than 3 years (i.e., maximum number of years allowed) collectively	3
		pfa070204b		

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A I.7	data1	pfa070203a pfa070204a	multiple times of parental leave with same start month; possibly referring to more than one child	26
ques1 Part A I.7	data1	pfa070203a pfa070204a	multiple times of parental leave with most recent leave older than previous; possibly referring to more than one child	3
ques1 Part A I.7	data1	pfa070203b pfa070204b	multiple times of parental leave or combined duration greater than 2 years; possibly referring to more than one child	3
ques1 Part A I.7	data1	pfa070203a pfa070203b pfa070204a pfa070204b	inconsistent with the combination of having applied for parental leave in the past and currently on leave	4
ques1 Part A I.10,11	data1	pfa1001 pfa1101	1 14	4
ques1 Part A I.10,12	data1	pfa1001 pfa12	1 1	2
ques1 Part A I.10,11	data1	pfa1002 pfa1102	1 14	23
ques1 Part A I.10,13	data1	pfa1002 pfa13	1 1	39
ques1 Part A II.1	data1	pfb0101 - pfb0120	0 for all	2
ques1 Part A II.1	data1	pfb0112 pfb0112a	0 anything but 9996	15
ques1 Part A II.1	data1	pfb0113 pfb0113a	0 anything but 9996	1

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A II.1	data1	pfb0113	1	5
		pfb0113a	0	
ques1 Part A II.1	data1	pfb0114	0	23
		pfb0114a	anything but 9996	
ques1 Part A II.1	data1	pfb0114	1	4
		pfb0114a	0	
ques1 Part A II.1	data1	pfb0115	0	3
		pfb0115a	anything but 9996	
ques1 Part A II.1	data1	pfb0115	1	3
		pfb0115a	0	
ques1 Part A II.1	data1	pfb0116	0	47
		pfb0116a	anything but 9996	
ques1 Part A II.1	data1	pfb0116	1	1
		pfb0116a	0	
ques1 Part A II.1	data1	pfb0117	0	15
		pfb0117a	anything but 9996	
ques1 Part A II.1	data1	pfb0117	1	2
		pfb0117a	0	
ques1 Part A II.1	data1	pfb0121	1	3
		pfb0101 - pfb0120	1 for at least one variable	
ques1 Part A II.1	data1	pfb0122	1	4
		pfb0101 - pfb0120	1 for at least one variable	
ques1 Part A II.2	data1	pfb02	2	1
		pfb0201 - pfb0204	0 for all	
ques1 Part A II.2	data1	pfb0201	0	2
		pfb0201a - pfb0201i	anything but 9996	
ques1 Part A II.2	data1	pfb0201	1	3
		pfb0201a - pfb0201i	9996	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A II.2	data1	pfb0202	0	2
		pfb0202a - pfb0202i	anything but 9996	
ques1 Part A II.2	data1	pfb0202	1	5
		pfb0202a - pfb0202i	9996	
ques1 Part A II.2	data1	pfb0203	0	2
		pfb0203a - pfb0203i	anything but 9996	
ques1 Part A II.2	data1	pfb0203	1	5
		pfb0203a - pfb0203i	9996	
ques1 Part A II.2	data1	pfb0203a	2017	1
		baby_doby	2016	
ques1 Part A II.2	data1	pfb0204	0	6
		pfb0204a - pfb0204i	anything but 9996	
ques1 Part A II.2	data1	pfb0204	1	6
		pfb0204a - pfb0204i	9996	
ques1 Part A II.3	data1	pfb03	1	18
		pfb03a	anything but 9996	
		pfb03b		
ques1 Part A II.3	data1	pfb03a	greater than child's age (i.e., 24 months) collectively	1
		pfb03b		
ques1 Part A II.3-4	data1	pfb03	1	41
		pfb04	anything but 9996	
ques1 Part A II.3-4	data1	pfb03	1	17
		pfb04a	anything but 9996	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A II.3-5	data1	pfb03	1	38
		pfb050a	anything but 9996	
		pfb05a		
		pfb05b		
		pfb0501a		
		pfb0501b		
		pfb0502		
ques1 Part A II.4	data1	pfb04	1	8
		pfb04a	anything but 9996	
ques1 Part A II.5	data1	pfb05a	greater than child's age (i.e., 24 months) collectively	4
		pfb05b		
ques1 Part A II.6	data1	pfb06	1	6
		pfb0601 - pfb0608	0 for all	
ques1 Part A II.6	data1	pfb06	2	2
		pfb0601	anything but 9996	
ques1 Part A II.6	data1	pfb06	2	2
		pfb0602	anything but 9996	
ques1 Part A II.6	data1	pfb06	2	1
		pfb0603	anything but 9996	
ques1 Part A II.6	data1	pfb06	2	3
		pfb0605	anything but 9996	
ques1 Part A II.6	data1	pfb06	2	41
		pfb07	anything but 9996	
ques1 Part A II.6-7	data1	pfb06	2	7
		pfb0701 - pfb0708	anything but 9996	
ques1 Part A II.7	data1	pfb07	2	17
		pfb0701	anything but 9996	
ques1 Part A II.7	data1	pfb07	2	30
		pfb0702	anything but 9996	
ques1 Part A II.7	data1	pfb07	2	1
		pfb0704	anything but 9996	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A II.7	data1	pfb07	2	12
		pfb0705	anything but 9996	
ques1 Part A II.7	data1	pfb07	2	1
		pfb0706	anything but 9996	
ques1 Part A II.7	data1	pfb07	1	8
		pfb0701 - pfb0708	0 for all	
ques1 Part A II.8	data1	pfb080301	1	47
		pfb080302	1	
ques1 Part A II.8	data1	pfb080301	1	1
		pfb080303	1	
ques1 Part A II.8	data1	pfb080301	1	1
		pfb080304	1	
ques1 Part A II.8	data1	pfb080301	1	3
		pfb080305	1	
ques1 Part A II.8	data1	pfb080301	0	1
		pfb080302 - pfb080307	0 for all	
ques1 Part A II.8	data1	pfb080302	0	33
		pfb08030201	anything but 9996	
ques1 Part A II.8	data1	pfb080303	0	3
		pfb08030301	anything but 9996	
ques1 Part A II.8	data1	pfb080304	0	1
		pfb08030401	anything but 9996	
ques1 Part A II.8	data1	pfb080305	0	10
		pfb08030501	anything but 9996	
ques1 Part A II.8	data1	pfb080401	1	17
		pfb080402	1	
ques1 Part A II.8	data1	pfb080401	1	1
		pfb080403	1	
ques1 Part A II.8	data1	pfb080401	1	4
		pfb080404	1	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part A II.8	data1	pfb080401	1	1
		pfb080405	1	
ques1 Part A II.8	data1	pfb080402	1	1
		pfb080405	1	
ques1 Part A II.8	data1	pfb080401	0	5
		pfb080402 - pfb080406	0 for all	
ques1 Part A II.8	data1	pfb080402	0	19
		pfb08040201	anything but 9996	
ques1 Part A II.8	data1	pfb080403	0	4
		pfb08040301	anything but 9996	
ques1 Part A II.9	data1	pfb09	1	22
		pfb09a	anything but 9996	
		pfb09b	anything but 9996	
ques1 Part A II.9	data1	pfb09	3	2
		pfb09a	anything but 9996	
		pfb09b	anything but 9996	
ques1 Part A II.11	data1	pfb11	3	1
		pfb11a	anything but 9996	
		pfb11b	anything but 9996	
ques1 Part A III.1	data1	pfc03	1	1
		pfc0303	anything but 9996	
ques1 Part A III.1	data1	pfc03	2	1
		pfc0303	anything but 9996	
ques1 Part A III.1	data1	pfc03	1	20
		pfc030401 - pfc030404	anything but 9996	
ques1 Part A III.1	data1	pfc03	2	3
		pfc030401 - pfc030404	anything but 9996	
ques1 Part C I.34	data1	famevic1107	1	6
		famevic1101	anything but 0	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part C I.34	data1	famevic1107	1	1
		famevic1102	anything but 0	
ques1 Part C I.34	data1	famevic1107	1	1
		famevic1105	anything but 0	
ques1 Part C I.34	data1	famevic1107	1	11
		famevic1106	anything but 0	
ques1 Part C I.34	data1	famevic1108	1	2
		famevic1101 - famevic1107	1 for at least one variable	
ques1 Part C I.34-35	data1	famevic1101	1	115
		famevic1202	1	
ques1 Part C I.34-35	data1	famevic1102	1	36
		famevic1202	1	
ques1 Part C I.34-35	data1	famevic1103	1	12
		famevic1202	1	
ques1 Part C I.34-35	data1	famevic1104	1	5
		famevic1202	1	
ques1 Part C I.34-35	data1	famevic1105	1	11
		famevic1202	1	
ques1 Part C I.34-35	data1	famevic1106	1	29
		famevic1201	1	
ques1 Part C I.34-35	data1	famevic1201	anything but 1	111
		famevic1101 - famevic1106	0	
		famevic1107	1	
ques1 Part C I.34-35	data1	famevic1202	anything but 1	36
		famevic1101 - famevic1106	0	
		famevic1107	1	
ques1 Part C I.38	data1	famevic15	1	1
		famevic15a	2	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part C I.38	data1	famevic15a famevic150207a famevic150207b	greater than child's age (i.e., 24 months) collectively	14
ques1 Part C I.38	data1	famevic15a famevic150208a famevic150208b	greater than child's age (i.e., 24 months) collectively	6
ques1 Part C I.38	data1	famevic15a famevic150209a famevic150209b	greater than child's age (i.e., 24 months) collectively	3
ques1 Part C I.38	data1	famevic15a famevic150210a famevic150210b	greater than child's age (i.e., 24 months) collectively	2
ques1 Part C I.38	data1	famevic150207 → 0 famevic150207a famevic150207b → anything but 9996		1
ques1 Part C I.38	data1	famevic150208 → 0 famevic150208a famevic150208b → anything but 9996		2
ques1 Part C I.38	data1	famevic150210 → 0 famevic150210c → provided text response		1
ques1 Part E I.2	data1	prec02 pfa0102a baby_doby	difference between reported and derived maternal age at childbirth (i.e., from mother's and child's year of birth) greater than 3	48
ques1 Part E I.4	data1	prec04 → 1 prec0402 → 1		1
ques1 Part E II.2-3,5	data1	postn02 → lower than 32 weeks postn03 → lower than 1,500 grams postn0502 → anything but 1		3

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part E II.3,5	data1	postn03	greater than 3,000 grams	2
		postn0504	1	
ques1 Part E II.3,5	data1	postn03	lower than 4,000 grams	2
		postn0505	1	
ques1 Part E II.5	data1	postn0501	1	1
		postn0502	anything but 0	
ques1 Part E II.5	data1	postn0501	1	27
		postn0503	anything but 0	
ques1 Part E II.5	data1	postn0501	1	2
		postn0504	anything but 0	
ques1 Part E II.5	data1	postn0501	1	1
		postn0505	anything but 0	
ques1 Part E II.5	data1	postn0501	1	9
		postn0506	anything but 0	
ques1 Part E II.5	data1	postn0501	1	3
		postn0508	anything but 0	
ques1 Part E II.5	data1	postn0501	1	6
		postn0510	anything but 0	
ques1 Part E II.5	data1	postn0501	1	57
		postn0511	anything but 0	
ques1 Part E II.5	data1	postn0501	1	1
		postn0513	anything but 0	
ques1 Part E II.5	data1	postn0513	1	3
		postn0501 - postn0512	anything but 0	
ques1 Part E II.6	data1	postn06	1	1
		postn06a	anything but 9996	
ques1 Part E III.5	data1	health02	1	41
		health0201	anything but 9996	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques1 Part E III.5	data1	health02	1	1
		health0201a	anything but 9996	
		health0201b	anything but 9996	
ques1 Part E III.8	data1	med01	1	12
		med0101	anything but 9996	
		med0102	anything but 9996	
		med0103	anything but 9996	
		med0104	anything but 9996	
		med0105	anything but 9996	
ques1 Part E III.8	data1	med01	1	1
		med0106	anything but 9996	
ques1 Part E III.9-10	data1	med0902	1	10
		med0901	2	
ques1 Part E IV.1	data1	food01	1, 2, 4	6
		food01a	anything but 9996	
ques1 Part E V.1	data1	sleep01b	2130	1
		sleep01c	2100	
		sleep01d	12	
ques1 Part E V.1	data1	sleep01b	1300	1
		sleep01c	1200	
		sleep01d	12	
ques2 Part B I.34	data2	famevic1107	1	3
		famevic1101	anything but 0	
ques2 Part B I.34	data2	famevic1107	1	1
		famevic1102	anything but 0	
ques2 Part B I.34-35	data2	famevic1201	anything but 1	120
		famevic1101 - famevic1106	0	
		famevic1107	1	

Questionnaire item	Dataset	Variable	Value (Not reasonable)	Count
ques2 Part B I.34-35	data2	famevic1202	anything but 1	23
		famevic1101 - famevic1106	0	
		famevic1107	1	
ques3 I.4	data3	basic0407	1	1
		basic0401	1	