

Malawi - BCG Immunology Study: Protective immunity following neonatal BCG vaccination

Malawi Epidemiology and Intervention Research Unit

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Identification

SURVEY ID NUMBER

MWI-MEIRU-BIS-2007-v1

TITLE

BCG Immunology Study: Protective immunity following neonatal BCG vaccination

COUNTRY

Name	Country code
Malawi	MWI

STUDY TYPE

Clinical Trial

ABSTRACT

Tuberculosis (TB) has been declared a global emergency by the WHO and remains a major public health problem worldwide, with more than 8 million new cases and over 2 million deaths each year. Bacille Calmette-Guerin (BCG) vaccination protects young children from disseminated forms of TB when given to infants, and many developing countries, including Malawi, follow the extended programme for immunization (EPI) recommendation that it be given at birth or first contact with health services. Although BCG vaccination protects against childhood forms of TB, it does not protect young adults against pulmonary TB in endemic settings. Waning of T cell memory and exposure to environmental mycobacteria in these populations have been proposed to explain the partial failure of BCG. A number of immunisation strategies were being investigated that were designed to enhance protection induced by BCG vaccination. A key aspect of such studies was to investigate new immunological markers that are predictive of protective immunity from TB.

The aim of this study was to characterise antigen-specific T cell responses to a range of novel mycobacterial antigens 3, 12 and 36 months after BCG vaccination to identify likely new markers of protection.

This was done prospectively by following BCG-vaccinated children over a period of three years. In parallel we also evaluated immune responses to environmental mycobacteria and the effect of environmental mycobacterial exposure on the induction of BCG-specific immune responses in young children.

Samples were collected from peripheral blood for antigen-specific immunoassays, and RNA and serum stored for analyses of host biomarkers of protection following vaccination.

This study was part of a multi-centre study involving other sites in South Africa and the UK, using reagents generated by collaborators in Germany, Netherlands and Denmark. The results of this study were to enable the definition of immune correlates that will aid the development of new TB vaccines that will be more effective than BCG in an African setting.

NHSRC approval number: 484

UNIT OF ANALYSIS

Individual

Version

VERSION DATE

2020-05-11

Scope

NOTES

Woman's education and occupation, Father of this pregnancy, Marital Status, This pregnancy, Reproductive history, Last birth to now, Child residence and survival, Contraception, TB case finding, BCG scar survey, medical help during this pregnancy, EXAMINATION, SAMPLES COLLECTED, POSTNATAL CHECK, FEEDING PRACTICES,

BABY VACCINATION RECORD

TOPICS

Topic	Vocabulary
Tuberculosis	MeSH
Tuberculosis Vaccines	MeSH
BCG Vaccine	MeSH
Biomarkers	MeSH
Immunology	MeSH
Malawi	MeSH

Coverage

GEOGRAPHIC COVERAGE

Chilumba Karonga

UNIVERSE

Infants vaccinated with BCG within one week of birth, followed up for 12 months

Producers and sponsors

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PRODUCERS

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FUNDING AGENCY/SPONSOR

Name	Abbreviation
Wellcome Trust, UK	WT

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name
MEIRU Core datamanagement team

Data collection

DATES OF DATA COLLECTION

Start	End
2007-02-19	2010-08-17

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTORS

Name	Abbreviation
Malawi Epidemiology and Intervention Research Unit	MEIRU

Access policy

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ACCESS AUTHORITY

Name
Malawi Epidemiology and Intervention Research Unit

Metadata production

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DATE OF METADATA PRODUCTION
2020-05-11

DDI DOCUMENT VERSION
Version 1 (May 2020)

Data Dictionary

Data file	Cases	Variables
bis_adhoc BIS6 adhoc review form Unique identifier ident + intdate bis_adhoc links to the other MEIRU database table(s) using keys as indicated below in the form tablename key bis_baby (BIS3 and BIS5) ident ser_specimen spectype+labno	257	61
bis_baby Data is from two sources; BIS3 form (baby recruitment) and BIS5 form (baby withdrawal) Unique identifier ident bis_baby links to the other MEIRU database table(s) using keys as indicated below in the form tablename key bis_adhoc (BIS6) ident+intdate bis_review (BIS4) ident+revmo bis_babyvacc (BIS7) ident+intdate+formno gen_identity ident bis_mother (BIS1 and BIS2) studyno gp_glm ident+examdate	207	59
bis_babyvacc BIS7 baby vaccination form unique identifier ident + intdate + formno bis_babyvacc links to the other MEIRU database table(s) using keys as indicated below in the form tablename key bis_baby (BIS3 and BIS5) ident	789	54
bis_ghhm BIS GHM form Unique identifier ident + intdate bis_ghhm links to the other MEIRU database table(s) using keys as indicated below in the form tablename key bis_baby (BIS3 and BIS5) ident	52	26
bis_mother Data is from two sources; BIS1 form (antenatal recruitment) and BIS2 form (mother withdrawal) Unique identifier studyno bis_mother links to the other MEIRU database table(s) using keys as indicated below in the form tablename key bis_baby (BIS3 and BIS5) ident ser_specimen spectype+labno gen_identity ident	312	144
bis_review BIS4 review form Unique identifier ident + revmo bis_review links to the other MEIRU database table(s) using keys as indicated below in the form tablename key bis_baby (BIS3 and BIS5) ident ser_specimen spectype+labno	225	56

Data file: bis_adhoc

BIS6 adhoc review form
Unique identifier ident + intdate

bis_adhoc links to the other MEIRU database table(s) using keys as indicated below in the form tablename key
bis_baby (BIS3 and BIS5) ident
ser_specimen spectype+labno

Cases: 257

Variables: 61

Variables

ID	Name	Label	Question
V455	version	version	Version
V456	ident	Main Unique Identifier in Karonga	Baby name
V457	headname	Name of head of household	Household
V458	curvil	Current village	Village
V459	origid	Original ident in Karonga	Baby name
V460	fever	Fever	Presenting complaint: Fever
V461	cough	Cough	Presenting complaint: Cough
V462	breath	Difficulty breathing	Presenting complaint: difficulty breathing
V463	vomit	Vomiting	Presenting complaint: vomiting
V464	diarrh	Diarrhoea	Presenting complaint: diarrhoea
V465	drows	Drowsiness	Presenting complaint: drowsiness
V466	trauma	Trauma	Presenting complaint: trauma/injury
V467	other	Other	Presenting complaint: Other
V468	weight	Weight	Examination: Weight (kg)
V469	length	Length	Examination: Length(cm)
V470	hdcirc	Head circumference	Examination: Head circumference(cm)
V471	armcirc	Arm circumference	Examination: Mid upper arm circumference(cm)
V472	temp	Temperature	Examination: Temperature (°C)
V473	hydration	Dehydration	Examination: Dehydration
V474	hsmegal	Hepatosplenomegaly	Examination: Hepatosplenomegaly:
V475	mln	Lymphadenopathy	Examination: Lymphadenopathy:
V476	lnax	Axillary	Examination: Details if Y(Lymphadenopathy) : Axillary
V477	Incerv	Cervical	Examination: Details if Y(Lymphadenopathy): Cervical
V478	Ining	Inguinal	Examination: Details if Y(Lymphadenopathy): Inguinal
V479	scarles	Scar/lesion	Examination: BCG scar/lesion examined:
V480	glm	GLM filled	Examination: Lesion monitoring form (GLM) filled:
V481	cvsexam	Cardiovascular system	Examination: Cardiovascular system normal
V482	pulse	Pulse	Examination: pulse (bpm)
V483	rsexam	Respiratory system	Examination: Respiratory system normal
V484	rsrate	Respiratory rate	Examination: respiratory rate (breaths per minute)
V485	cnsexam	Central nervous system	Examination: Central nervous system normal
V486	drowsy	Drowsy	Examination: Drowsy
V487	font	Fontanelle	Examination: Fontanelle

ID	Name	Label	Question
V488	otherexam	Other abnormality	Examination: Any other abnormalities (eg skin, skeletal)
V489	cno	Contact number	Contact no
V490	oldspecset	oldspecset	Specimen set number
V491	ge	Gastroenteritis	Diagnosis: gastroenteritis
V492	mal	Malaria	Diagnosis: malaria
V493	urti	Upper respiratory tract infection	Diagnosis: upper respiratory tract infection
V494	lrti	Lower respiratory tract infection	Diagnosis: lower respiratory tract infection
V495	mening	Meningitis	Diagnosis: meningitis
V496	otherdia	Other diagnosis	Diagnosis: other specify
V497	paracet	Paracetamol	Treatment given: Paracetamol
V498	ors	Oral rehydration	Treatment given: oral rehydration fluid
V499	antibio	Antibiotics	Treatment given: antibiotics
V500	antimal	Anti malarials	Treatment given: anti-malarials
V501	otherx	Other treatment	Treatment given: other
V502	immstatus	Immunology status	If baby was due today for immunology studies give details of follow-up arrangements
V503	babage	Baby age	Is baby older than 6 months?
V504	vitasp	Vitamin supplement	If Y(Is baby older than 6 months?), has Vitamin A supplementation been given?
V505	vitareas	Vitamin reason	If No Vit A given why not?
V506	intdate	Interview date	Date of examination:
V507	rcdr	Recoder	Staff code (paediatrician)
V508	rcdr2	Recoder2	Staff code (paediatrician)
V509	codr	Coder	Coder
V510	chkr	Checker	Level2 Checker
V511	entryby	Entry by	Entry by
V512	updateby	Updated by	Updated by
V513	entrydate	Entry Date	Entry date
V514	updatedate	Update date	Update date
V515	verified	Verified	Verified

Total: 61

Data file: bis_baby

Data is from two sources; BIS3 form (baby recruitment) and BIS5 form (baby withdrawal)

Unique identifier ident

bis_baby links to the other MEIRU database table(s) using keys as indicated below in the form tablename key

bis_adhoc (BIS6) ident+intdate

bis_review (BIS4) ident+revmo

bis_babyvacc (BIS7) ident+intdate+formno

gen_identity ident

bis_mother (BIS1 and BIS2) studyno

gp_glm ident+examdate

Cases: 207

Variables: 59

Variables

ID	Name	Label	Question
V516	version	version	Version
V517	studyno	Study Number	BIS Study number
V518	ident	Main Unique Identifier in Karonga	Baby name
V519	origid	Original Ident in Karonga	Baby name
V520	bplace	Place of birth	Place of birth
V521	btimeu	Time of birth unknown	state NK if not known (Time of birth:)
V522	btime	Time of birth	Time of birth: (24 hour clock)
V523	bwtu	Birthweight unknown	Birthweight: (state U if not known,
V524	bwt	Birthweight	Birthweight
V525	gestwk	Gestational age	Gestational age
V526	apgar	Apgar score	Apgar score recorded
V527	score1	Apgar score 1	If Y(Apgar score recorded) 1 minute
V528	score5	Apgar score 5	If Y(Apgar score recorded) 5 minutes
V529	prob	Problems	Any reported birth problems
V530	bcggiven	BCG given	BCG vaccination given by KPS staff?
V531	reason	BCG reason	If N(BCG vaccination given by KPS staff?), why not
V532	glm	GLM form	Lesion monitoring form (GLM) filled
V533	bis7	BIS7 form	Vaccination form (BIS7) completed
V534	paxgene	Cord blood paxgene	Cord blood PaxGene:
V535	heparin	Cord blood heparin	Cord blood Heparin
V536	cno	Contact no.	Contact no.
V537	intdate	Interview date	Date
V538	rcdr	Recoder	Staff code (nurse)
V539	codr	Coder	Coder
V540	chkr	Checker	Level1 Checker
V541	length	Length	Length(cm)
V542	hdcirc	Head circumference	Head circumference(cm)
V543	temp	Temperature	Temperature(°C)
V544	hsmegal	Hepatosplenomegaly	Hepatosplenomegaly
V545	mln	Lymphadenopathy	Lymphadenopathy

ID	Name	Label	Question
V546	Inax	Axillary	Details if Y(Lymphadenopathy): axillary
V547	Incerv	Cervical	Details if Y(Lymphadenopathy): cervical
V548	Ining	Inguinal	Details if Y(Lymphadenopathy): inguinal
V549	cvsexam	Cardiovascular system	Cardiovascular system normal
V550	rsexam	Respiratory system	Respiratory system normal
V551	cnsexam	Central nervous system	Central nervous system normal
V552	otherexam	Other abnormality	Any other abnormalities (eg skin, skeletal)
V553	motemp	Mother temperature	Mother had temperature >38°C in labour
V554	multbrth	Multiple birth	Multiple birth
V555	conabn	Congenital abnormality	Major congenital abnormality
V556	coninf	Congenital infection	Signs of congenital infection
V557	immelig	Eligible	Is baby eligible for immunology part of study
V558	examdate	Exam date	Date of examination
V559	pnrcdr	postnatal check staffcode	Staff code
V560	pncodr	postnatal check coder	Coder
V561	pnchkr	postnatal check checker	Level1 Checker
V562	curvil	Current Village (from BIS5)	Village
V563	wreason	Reason (from BIS5)	Reason for withdrawal:
V564	dthdate	Date of death (from BIS5)	date of death if known
V565	dthdatex	Date of death estimate (from BIS5)	date of death if known: date incomplete
V566	wintdate	Interview date (from BIS5)	Date interview:
V567	wrcdr	withdrawal form staffcode (from BIS5)	Staff code (paediatrician)
V568	wcodr	withdrawal coder (from BIS5)	Coder
V569	wchkr	withdrawal checker (from BIS5)	Level2 Checker
V570	entryby	Entry by staffcode	Entry by
V571	updateby	Update by Staffcode	Updated by
V572	entrydate	Entry Date	Entry date
V573	updatedate	Update Date	Update date
V574	verified	Verified	Verified

Total: 59

Data file: bis_babyvacc

BIS7 baby vaccination form

unique identifier ident + intdate + formno

bis_babyvacc links to the other MEIRU database table(s) using keys as indicated below in the form tablename key

bis_baby (BIS3 and BIS5) ident

Cases: 789

Variables: 54

Variables

ID	Name	Label	Question
V575	version	version.	Version
V576	ident	Main Unique Identifier in Karonga	Baby name
V577	intdate	interview date	Date
V578	formno	sequence no. of form on intdate	Form number (1 - 9)
V579	origid	Original Ident in Karonga	Baby name
V580	bcgdue	BCG due	Which vaccinations are due or overdue or have recently been given elsewhere?: BCG
V581	opvdue	OPV due	Which vaccinations are due or overdue or have recently been given elsewhere?: OPV
V582	dptdue	DPT due	Which vaccinations are due or overdue or have recently been given elsewhere?: DPT-HepB + HiB
V583	measdue	Measles due	Which vaccinations are due or overdue or have recently been given elsewhere?: Measles
V584	bcggiven	BCG given	BCG given A Today, by KPS staff, B Before, elsewhere, C No
V585	bcgmake	BCG make	If BCG vaccination given today by KPS staff state: Manufacturer
V586	bcgbatch	BCG batch	If BCG vaccination given today by KPS staff state: Batch number
V587	bcgsite	BCG site	If BCG vaccination given today by KPS staff state: Site of BCG
V588	bcgbleb	BCG bleb size	If BCG vaccination given today by KPS staff state: Bleb size
V589	curbcgtimeu	BCG time unknown	If BCG vaccination given today by KPS staff state: Time Unknown
V590	curbcgtime	BCG time	If BCG vaccination given today by KPS staff state: Time (hh:min)
V591	bcgplace	BCG place	If BCG vaccination given before, elsewhere state: Place where given
V592	bcgdate	BCG date	If BCG vaccination given before, elsewhere state: Date given (DD/MM/YYYY)
V593	oldbcgtimeu	Old BCG time unknown	If BCG vaccination given before, elsewhere state: Time, unknown
V594	oldbcgtime	Old BCG time	If BCG vaccination given before, elsewhere state: Time, if known (hh:min)
V595	bcgsource	BCG source	If BCG vaccination given before, elsewhere state: Source of information
V596	bcgreason	BCG reason	If BCG not given state reason
V597	opvdose	OPV dose	Which dose is due?
V598	opvgiven	OPV given	OPV given A Today, by KPS staff, B Before, elsewhere, C No
V599	opvmake	OPV make	If OPV vaccination given today by KPS staff state: Manufacturer
V600	opvbatch	OPV batch	If OPV vaccination given today by KPS staff state: Batch number
V601	opvplace	OPV place	If OPV vaccination given before, elsewhere state: Place where given
V602	opvdate	OPV date	If OPV vaccination given before, elsewhere state: Date given (DD/MM/YYYY)
V603	opvsource	OPV source	If OPV vaccination given before, elsewhere state: Source of information
V604	opvreason	OPV not given reason	If OPV not given state reason

ID	Name	Label	Question
V605	dptdose	DPT dose	Which dose is due?
V606	dptgiven	DPT given	DPT given A Today, by KPS staff, B Before, elsewhere, C No
V607	dptmake	DPT make	If DPT vaccination given today by KPS staff state: Manufacturer
V608	dptbatch	DPT batch	If DPT vaccination given today by KPS staff state: Batch number
V609	dptplace	DPT place	If DPT vaccination given before, elsewhere state: Place where given
V610	dptdate	DPT date	If DPT vaccination given before, elsewhere state: Date given (DD/MM/YYYY)
V611	dptsource	DPT source	If DPT vaccination given before, elsewhere state: Source of information
V612	dptreason	DPT not given reason	If DPT not given state reason
V613	measgiven	Measles given	Measles given A Today, by KPS staff, B Before, elsewhere, C No
V614	measmake	Measles make	If measles vaccination given today by KPS staff state: Manufacturer
V615	measbatch	Measles batch	If measles vaccination given today by KPS staff state: Batch number
V616	measplace	Measles place	If measles vaccination given before, elsewhere state: Place where given
V617	measdate	Measles date	If measles vaccination given before, elsewhere state: Date given (DD/MM/YYYY)
V618	meassource	Measles source	If measles vaccination given before, elsewhere state: Source of information
V619	measreason	Measles not given reason	If measles not given state reason
V620	glm	GLM filled	Lesion monitoring form (GLM) filled:
V621	rcdr	staff code	Staff code
V622	codr	coder	Coder
V623	chkr	checker	Level2 Checker
V624	entryby	Entry by	Entry by
V625	updateby	update by	Updated by
V626	entrydate	entry date	Entry date
V627	updatedate	update date	Update date
V628	verified	verified	Verified

Total: 54

Data file: bis_ghhm

BIS GHM form

Unique identifier ident + intdate

bis_ghhm links to the other MEIRU database table(s) using keys as indicated below in the form tablename key

bis_baby (BIS3 and BIS5) ident

Cases: 52

Variables: 26

Variables

ID	Name	Label	Question
V629	version	Version	Version
V630	ghhid	General household identifier in Karonga	Ghhid
V631	ident	Main unique identifier in Karonga	Name
V632	origid	Original Identifier in Karonga	Name
V633	mothvita	Mother alive/dead	Mother alive/dead
V634	mothdest	Mother's death estimate	Mother death year estimate
V635	mothdyr	Mother's death yr	Mother death year
V636	fathvita	Father alive/dead	Father alive/dead
V637	fathdest	Father's death estimate	Father death year estimate
V638	fathdyr	Father's death year	Father death year
V639	marital	Marital	Marital status (current)
V640	spousenum	Number of spouses	How many spouses do you have now?
V641	intdate	Interview date	Interview date
V642	joinest	Joined estimate	When did you join / become head of this household?: Estimate
V643	joinmm	Joined month	When did you join / become head of this household?: Month
V644	joinyear	Joined year	When did you join / become head of this household?: Year
V645	posn	Position	Position in household
V646	prevvil	Previous village	Previous village
V647	rcdr	Recorder	Field-Staffcode
V648	codr	Coder	Coder
V649	chkr	Checker	Checker
V650	entrydate	Entry Date	Entry date
V651	entryby	Entry By	Entry by
V652	updatedate	Update date	Update date
V653	updateby	Updated By	Updated by
V654	verified	Verified	Verified

Total: 26

Data file: bis_mother

Data is from two sources; BIS1 form (antenatal recruitment) and BIS2 form (mother withdrawal)

Unique identifier studyno

bis_mother links to the other MEIRU database table(s) using keys as indicated below in the form tablename key

bis_baby (BIS3 and BIS5) ident

ser_specimen spectype+labno

gen_identity ident

Cases: 312

Variables: 144

Variables

ID	Name	Label	Question
V655	version	version	Version
V656	ident	Main Unique Identifier in Karonga	Name
V657	origid	Original ident in Karonga	Name
V658	studyno	Study Number	STUDY-NO
V659	idhdhse	Main Unique identifier of head of household in Karonga	Current household
V660	origdhse	Original identifier of head of household in Karonga	Current household
V661	headname	Name of head of household	Current household
V662	curvil	Current village	Current home village
V663	schlever	School ever	Have you been to school?
V664	schltype	School type	What is the highest level of schooling you reached?
V665	schlstd	School standard	form/ standard
V666	schlpreg	Pregnant at school	Were you still at school when you got pregnant with this baby?
V667	hhhemp	Employment of head	Employment code
V668	hhhocc	Occupation of head	Occupation head:
V669	hhhind	Industry of head	describe industry (if not in agriculture/ forestry):
V670	hhhtraind	Head trained	Did s/he formally train in this occupation?
V671	prodbirest	Father's birthest	What is the age of the man who fathered this pregnancy? : year of birth estimate
V672	prodbiryea	Father's birth year	What is the age of the man who fathered this pregnancy? : year of birth
V673	prodage	Father's age	What is the age of the man who fathered this pregnancy? : age in years
V674	prodagediff1	Age difference	What is the age of the man who fathered this pregnancy? : age difference
V675	prodagediff2	Age difference in years	What is the age of the man who fathered this pregnancy? : older or younger by:
V676	marital	Marital status	Are you now: Married (or living with a man) ? Single (= never married) ? Divorced / separated ? Widowed ?
V677	marcurest	Current marriage estimate	When did you get married to your current husband?: Estimate
V678	marcurmm	Current marriage month	When did you get married to your current husband? (MM / YYYY): Month
V679	marcuryr	Current marriage year	When did you get married to your current husband? (MM / YYYY): Year
V680	othwives	Other wives of husband	How many other wives does your husband have?

ID	Name	Label	Question
V681	husbnchil	Other children	Taken together, how many children has your current partner ever fathered with other women?
V682	prevcohab	Previous cohabitations	How many times have you been married before? (do not include the current marriage)
V683	marfirest	1st married estimate	When did you first get married?: Estimate
V684	marfirmm	1st married month	When did you first get married?: Month
V685	marfiryear	1st married year	When did you first get married?: Year
V686	Impmm	LMP month	When was your last menstrual period: (month/year): Month
V687	Impyy	LMP year	When was your last menstrual period: (month/year):Year
V688	eddm	EDD month	Expected date of delivery: (estimated from LMP) (month/year): Month
V689	eddy	EDD year	Expected date of delivery: (estimated from LMP) (month/year): Year
V690	plceborn	Place of birth	Planned place of birth
V691	hcborn	HC/TBA	If HC/TBA (Planned place of birth), specify
V692	fertiltrea	Fertility treatment	Did you do use any means to help you to become pregnant with this baby?
V693	fertilmeth	Fertility method	If yes (Did you do use any means to help you to become pregnant with this baby?), probe which methods?
V694	menarcage	Age of periods	How old were you when you started your monthly periods?
V695	ageofsex	Age of sex	How old were you when you first had penetrative sexual intercourse?
V696	pregever	Pregnant ever	Have you ever been pregnant before? (whether or not resulting in a birth)
V697	emistot	Miscarriages/abortions	Have you ever had any miscarriages? (=pregnancy loss before end of 7th month), How many?
V698	stillbirth	Still births	Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry) How many?
V699	stillbest	Still birth est	If yes(Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry)), when was the last stillbirth?: Estimate
V700	stillbmm	Still birth month	If yes(Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry)), when was the last stillbirth?: Month
V701	stillbyear	Still birth year	If yes(Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry)), when was the last stillbirth?: Year
V702	birfirest	1st birth estimate	When did you first give birth? (live or still): Estimate
V703	birfirmm	1st birth month	When did you first give birth? (live or still): Month
V704	birfiryear	1st birth year	When did you first give birth? (live or still): Year
V705	livebirth	Live births	Have you ever had any live births?
V706	birasest	Last birth estimate	When was your last birth?: Estimate
V707	birasmm	Last birth month	When was your last birth?: Month
V708	birasyear	Last birth year	When was your last birth?: Year
V709	samefath	Same father	Was the last born child from the same father as this pregnancy?
V710	birasanc	ANC last pregnancy	Did you receive antenatal care for that last pregnancy?
V711	lastchild	Last child	What happened to that last child?
V712	diedwks	Child died weeks	If child died, how old was it when it died?: Weeks
V713	diedmths	Child died months	If child died, how old was it when it died?: Months
V714	diedyrs	Child died years	If child died, how old was it when it died?: Years

ID	Name	Label	Question
V715	brfedwks	Breast fed weeks	How long did you breastfeed your last child? : Weeks
V716	brfedmths	Breast fed months	How long did you breastfeed your last child? : Months
V717	brfedyrs	Breast fed years	How long did you breastfeed your last child? : Years
V718	brfedtill	Breast fed till	How long did you breastfeed your last child? : until this Pregnancy,until child Died
V719	periodwks	Weeks before period	How long was it before your monthly periods came back?: Weeks
V720	periodmths	Months before period	How long was it before your monthly periods came back?: Months
V721	periodyrs	Years before period	How long was it before your monthly periods came back?: Years
V722	period	No period	How long was it before your monthly periods came back?: No period
V723	sexwks	Weeks before sex	How long was it before sexual intercourse restarted?: Weeks
V724	sexmths	Months before sex	How long was it before sexual intercourse restarted?: Months
V725	sexyrs	Years before sex	How long was it before sexual intercourse restarted?: Years
V726	mislabor	Miscarriages since last birth	After the last birth, did you have any miscarriages?
V727	contrabir	Used contraception since last birth	Did you use contraception since the last birth?
V728	pill1	Pill	What contraceptive methods did you use?: Pill
V729	condom1	Condom	What contraceptive methods did you use?: Condom
V730	wthdrwl1	Withdrawal	What contraceptive methods did you use?: Withdraw
V731	injection1	Injection	What contraceptive methods did you use?: Injection
V732	contother1	Other contraception	What contraceptive methods did you use?: Other
V733	childhome	Children at home	How many of your own children live at home with you?
V734	childothhh	Children in another h/hold	How many of your own children live elsewhere?
V735	childdied	Children died	How many of your own children have died? TOTAL:
V736	premdied	Premature death	Born prematurely, did not survive beyond 1 week
V737	fstwdied	Full term died	Full term, died at less than 1 week
V738	fstmthdied	Died 8days-1mth	Died at 8 days to 1 month
V739	fstydie	Died 1mth-1yr	Died at 1 month to 1 year
V740	fst4died	Died 1- 4yrs	Died at 1 to 4 years
V741	over5died	Died 5yrs or older	Died at 5 years or older
V742	contraever	Contraception ever	Have you ever used any contraception?
V743	pill2	Pill	What contraceptive methods did you use?: Pill
V744	condom2	Condom	What contraceptive methods did you use?: Condom
V745	wthdrwl2	Withdrawal	What contraceptive methods did you use?: Withdraw
V746	injection2	Injection	What contraceptive methods did you use?: Injection
V747	contother2	Other contraception	What contraceptive methods did you use?: Other
V748	contracent	Contraception recently	Did you use contraception in the time leading up to this pregnancy?
V749	contrfail	Contraception stopped/fail	If contraception used just before this pregnancy, did you stop using it or did it fail?
V750	cough	Cough	Do you have a cough?
V751	coughwks	Cough weeks	Duration of cough, State number of days/weeks/months (specify)
V752	coughmm	Cough month	Duration of cough (if more than 2 months, give MM/YYYY when cough started): Month
V753	coughyy	Cough year	Duration of cough (if more than 2 months, give MM/YYYY when cough started): Year

ID	Name	Label	Question
V754	referlca	Referred to LCA/MA	If cough longer than 3 weeks or TB-suspect on other grounds: Referred to MA / LCA for investigation
V755	tbrx	Previously treated for TB	Have you ever been treated for TB before:
V756	tbrxest	Treatment est	If yes(Have you ever been treated for TB before:), in which year?: Estimate
V757	tbrxyr	Treatment year	If yes(Have you ever been treated for TB before:), in which year?: Year
V758	tbrxplace	Where previously Treated	Where were you treated?
V759	skin	Skin complaint	Do you have any skin complaint:
V760	bcgscar1	BCG scar1	BCG scar 1: Classify
V761	bcgsize1	BCG size1	BCG scar 1: size (mm x mm)
V762	bcgscar2	BCG scar2	BCG scar 2: Classify
V763	bcgsize2	BCGsize2	BCG scar 2: size (mm x mm)
V764	bcgscar3	BCG scar3	BCG scar 3: Classify
V765	bcgsize3	BCG size3	BCG scar 3: size (mm x mm)
V766	medtx	Medical help	Have you sought any medical help during this pregnancy?
V767	malaria	Malaria	Have you taken treatment for malaria during this pregnancy
V768	worms	Worms	Have you taken treatment for worms/filariasis recently:
V769	weight	Weight	Weight (kg)
V770	height	Height	Height(cm)
V771	systbp	Systolic	Blood pressure: systolic
V772	diastbp	Diastolic	Blood pressure: diastolic
V773	fheart	Fetal heart	Fetal heart heard
V774	estges	Estimated gestational Age	Estimated gestational age (from examination):
V775	bloodedta	Blood EDTA	Blood EDTA
V776	bloodnoco	Blood no coag	Blood No anticoagulant:
V777	bloodhep	Blood heparin	Blood heparin:
V778	stool	Stool	Stool specimen:
V779	urine	Urine	Urine specimen
V780	cno	Contact number	Set no
V781	oldspecset	old specset	Set no
V782	consent	Consent	Consent form signed:
V783	intdate	Interview date	Date interview/examination:
V784	rcdr	Recorder	Staff code
V785	rcdr2	2nd recorder	Staff code
V786	codr	Coder	Coder
V787	chkr	Checker	Level1 Checker
V788	reason	Reason	Reason for withdrawal of mother/baby pair from study
V789	wvil	Current village	Village
V790	wintdate	Interview date	Date interview:
V791	wrcdr	Recoder	Staff code
V792	wcodr	Coder	Coder
V793	wchkr	Checker	Level2 Checker
V794	entryby	Entry By	Entry by
V795	updateby	update By	Update by
V796	entrydate	Entry date	Entry date

ID	Name	Label	Question
V797	updatedate	Update date	Update date
V798	verified	Verified	Verified

Total: 144

Data file: bis_review

BIS4 review form

Unique identifier ident + revmo

bis_review links to the other MEIRU database table(s) using keys as indicated below in the form tablename key

bis_baby (BIS3 and BIS5) ident

ser_specimen spectype+labno

Cases: 225

Variables: 56

Variables

ID	Name	Label	Question
V799	version	Version	Version
V800	revmo	Review month	Review month
V801	ident	Main Unique Identifier in Karonga	Baby name
V802	origid	Original ident in Karonga	Baby name
V803	headname	Name of head	Household
V804	curvil	Current village	Village
V805	babywell	Babywell	Is baby well
V806	bmilkfed	Breastmilk	What are you currently feeding your baby?: breast milk
V807	formlfed	Formula feed	What are you currently feeding your baby?: formula feed
V808	formage	Age formula introduced	Specify age at introduction: formula feed
V809	barafed	Bara	What are you currently feeding your baby?: thick porridge (bara)
V810	baraage	Age bara introduced	Specify age at introduction: thick porridge (bara)
V811	dawalfed	Dawale	What are you currently feeding your baby?: thin porridge (dawale)
V812	dawalage	Age dawale introduced	Specify age at introduction: thin porridge (dawale)
V813	waterfed	Water	What are you currently feeding your baby?: Water
V814	waterage	Age Water introduced	Specify age at introduction: Water
V815	solidfed	Solids	What are you currently feeding your baby?: solids (nsima, fruit, relish etc)
V816	solidage	Age solids introduced	Specify age at introduction: solids (nsima, fruit, relish etc)
V817	otherfed	Other	What are you currently feeding your baby?: Other
V818	otherage	Age other food introduced	Specify age at introduction: Other
V819	weight	Weight	Weight (kg)
V820	length	Length	Length(cm)
V821	hdcirc	Head circumference	Head circumference (cm)
V822	armcirc	Arm circumference	Mid upper arm circumference (cm)
V823	temp	Temperature	Temperature (°C)
V824	hsmegal	Hepatosplenomegaly	Hepatosplenomegaly
V825	mln	Lymphadenopathy	Lymphadenopathy
V826	lnax	Axillary	Details if Y(Lymphadenopathy): axillary
V827	incerv	Cervical	Details if Y(Lymphadenopathy): cervical
V828	lning	Inguinal	Details if Y(Lymphadenopathy): inguinal
V829	cvsexam	Cardiovascular system	Cardiovascular system normal
V830	rsexam	Respiratory system	Respiratory system normal

ID	Name	Label	Question
V831	cnsexam	Central nervous system	Central nervous system normal
V832	otherexam	Other abnormality	Any other abnormalities (eg skin, skeletal)
V833	paxgene	PaxGene blood	PaxGene blood:
V834	hepar	Heparin	Heparin blood:
V835	cno	Contact no.	Contact no.
V836	oldspecset	old specset	Specimen set number
V837	blodtakn	No samples taken	If no blood samples collected today why not:
V838	scarles	BCG scar/lesion	BCG scar/lesion examined:
V839	glm	GLM	Lesion monitoring form (GLM) filled:
V840	mantoux	Skintest done	Skin test done:
V841	stform	Skintest form	Skin test form (GST) filled:
V842	repthiv	Mother had a repeat HIV test	Has the mother had a repeat HIV test?
V843	babage	Older than 6 months	Is baby older than 6 months?
V844	vitakup	Vitamin supplement	If Y(Is baby older than 6 months?), has Vitamin A supplementation been given?
V845	vitareas	Vitamin reason	If No Vit A given why not?
V846	intdate	Interview date	Date of examination:
V847	rcdr	Recorder	Staff code
V848	codr	Coder	Coder
V849	chkr	Checker	Level2 Checker
V850	entryby	Entry by	Entry by
V851	updateby	Updated by	Updated by
V852	entrydate	Entry date	Entry date
V853	updatedate	Update date	Update date
V854	verified	Verified	Verified

Total: 56

VERSION: version

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Version

IDENT: Main Unique Identifier in Karonga

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1

valid ident

must not begin 75 or 76

HEADNAME: Name of head of household

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Width: 29 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Household

Others

NOTES

Available in versions -, 1
must be entered

CURVIL: Current village

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0
Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village

Others

NOTES

Available in versions -, 1
valid code in val_village

ORIGID: Original ident in Karonga

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1
valid ident
must not begin 75 or 76

FEVER: Fever**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: Fever

CATEGORIES

Value	Category	Cases	
0	No	73	28.4%
1	Yes	184	71.6%
8	Unknown	0	0%
9	Missing	0	

COUGH: Cough**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: Cough

CATEGORIES

Value	Category	Cases	
0	No	45	17.5%
1	Yes	212	82.5%
8	Unknown	0	0%
9	Missing	0	

BREATH: Difficulty breathing**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: difficulty breathing

CATEGORIES

Value	Category	Cases	
0	No	234	91.1%
1	Yes	23	8.9%
8	Unknown	0	0%
9	Missing	0	

VOMIT: Vomiting

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: vomiting

CATEGORIES

Value	Category	Cases	
0	No	170	66.1%
1	Yes	87	33.9%
8	Unknown	0	0%
9	Missing	0	

DIARRH: Diarrhoea

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: diarrhoea

CATEGORIES

Value	Category	Cases	
0	No	188	73.2%
1	Yes	69	26.8%
8	Unknown	0	0%
9	Missing	0	

DROWS: Drowsiness

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: drowsiness

CATEGORIES

Value	Category	Cases	
0	No	254	98.8%
1	Yes	3	1.2%
8	Unknown	0	0%
9	Missing	0	

TRAUMA: Trauma

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: trauma/injury

CATEGORIES

Value	Category	Cases	
0	No	255	99.2%
1	Yes	2	0.8%
8	Unknown	0	0%

9	Missing	0	
---	---------	---	--

OTHER: Other**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presenting complaint: Other

CATEGORIES

Value	Category	Cases	
0	No	208	80.9%
1	Yes	49	19.1%
8	Unknown	0	0%
9	Missing	0	

WEIGHT: Weight**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0 Minimum: 2.04 Maximum: 13.92 Mean: 7.646 Standard deviation: 1.764

Type: Continuous Decimal: 0 Width: 5 Range: 2.04 - 13.92 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Weight (kg)

Others

NOTES

Available in versions -, 1

range 2.00:25.00 ; 0.00 = Missing

LENGTH: Length**Data file:** bis_adhoc

Overview

Valid: 257 Invalid: 0 Minimum: 45.5 Maximum: 84 Mean: 64.828 Standard deviation: 5.853
 Type: Continuous Decimal: 0 Width: 4 Range: 45.5 - 84 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Length(cm)

Others

NOTES

Available in versions -, 1
 range 5.00:120.00

HDCIRC: Head circumference

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0 Minimum: 30.4 Maximum: 49.8 Mean: 43.005 Standard deviation: 3.116
 Type: Continuous Decimal: 0 Width: 4 Range: 30.4 - 49.8 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Head circumference(cm)

Others

NOTES

Available in versions -, 1
 range 5.00:80.00 ; 0.00 = Missing

ARMCIRC: Arm circumference

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0 Minimum: 8.6 Maximum: 19.1 Mean: 14.177 Standard deviation: 1.785
 Type: Continuous Decimal: 0 Width: 4 Range: 8.6 - 19.1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Mid upper arm circumference(cm)

Others

NOTES

Available in versions -, 1
range 5.00:30.00 ; 0.00 = Missing

TEMP: Temperature

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0 Minimum: 34 Maximum: 39.8 Mean: 36.844 Standard deviation: 1.027
Type: Continuous Decimal: 0 Width: 4 Range: 34 - 39.8 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Temperature (°C)

Others

NOTES

Available in versions -, 1
range 34.00:42.00 ; 0.00 = Missing

HYDRATION: Dehydration

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Dehydration

CATEGORIES

Value	Category	Cases	
0	No	250	97.3%
1	Mild	6	2.3%
2	Moderate	1	0.4%
3	Severe	0	0%
8	Unknown	0	0%
9	Missing	0	

HSMEGAL: Hepatosplenomegaly**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Hepatosplenomegaly:

CATEGORIES

Value	Category	Cases	
0	No	254	98.8%
1	Yes	3	1.2%
8	Unknown	0	0%
9	Missing	0	

MLN: Lymphadenopathy**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Lymphadenopathy:

CATEGORIES

Value	Category	Cases	
0	No	256	99.6%
1	Yes	1	0.4%
8	Unknown	0	0%
9	Missing	0	

LNAX: Axillary**Data file:** bis_adhoc

Overview

Valid: 1 Invalid: 256

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Details if Y(Lymphadenopathy) : Axillary

CATEGORIES

Value	Category	Cases	
0	No	1	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		256	

LNCERV: Cervical

Data file: bis_adhoc

Overview

Valid: 1 Invalid: 256

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Details if Y(Lymphadenopathy): Cervical

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1	100%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		256	

LNING: Inguinal

Data file: bis_adhoc

Overview

Valid: 1 Invalid: 256

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Details if Y(Lymphadenopathy): Inguinal

CATEGORIES

Value	Category	Cases	
0	No	1	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		256	

SCARLES: Scar/lesion

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: BCG scar/lesion examined:

CATEGORIES

Value	Category	Cases	
0	No	236	91.8%
1	Yes	21	8.2%
8	Unknown	0	0%
9	Missing	0	

GLM: GLM filled

Data file: bis_adhoc

Overview

Valid: 255 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Lesion monitoring form (GLM) filled:

CATEGORIES

Value	Category	Cases	
0	No	251	98.4%
1	Yes	4	1.6%
8	Unknown	0	0%
9	Missing	2	

CVSEXAM: Cardiovascular system

Data file: bis_adhoc

Overview

Valid: 255 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Cardiovascular system normal

CATEGORIES

Value	Category	Cases	
0	No	27	10.6%
1	Yes	228	89.4%
8	Unknown	0	0%
9	Missing	2	

QUESTION POST TEXT

if no, give details

PULSE: Pulse

Data file: bis_adhoc

Overview

Valid: 252 Invalid: 5

Type: Discrete Decimal: 0 Width: 3 Range: 70 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: pulse (bpm)

CATEGORIES

Value	Category
998	Unknown

999

Missing

RSEXAM: Respiratory system**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Respiratory system normal

CATEGORIES

Value	Category	Cases	
0	No	90	35%
1	Yes	167	65%
8	Unknown	0	0%
9	Missing	0	

QUESTION POST TEXT

if no, give details

RSRATE: Respiratory rate**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 3 Range: 20 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: respiratory rate (breaths per minute)

CATEGORIES

Value	Category
998	Unknown
999	Missing

CNSEXAM: Central nervous system**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Central nervous system normal

CATEGORIES

Value	Category	Cases	
0	No	7	2.7%
1	Yes	250	97.3%
8	Unknown	0	0%
9	Missing	0	

QUESTION POST TEXT

if no, give details

DROWSY: Drowsy**Data file:** bis_adhoc**Overview**

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Drowsy

CATEGORIES

Value	Category	Cases	
0	No	254	98.8%
1	Yes	3	1.2%
8	Unknown	0	0%
9	Missing	0	

FONT: Fontanelle**Data file:** bis_adhoc

Overview

Valid: 256 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Fontanelle

CATEGORIES

Value	Category	Cases	
0	???	0	0%
1	Normal	251	98%
2	Bulging	2	0.8%
3	Sunken	2	0.8%
4	Not appropriate	1	0.4%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

OTHEREXAM: Other abnormality

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination: Any other abnormalities (eg skin, skeletal)

CATEGORIES

Value	Category	Cases	
0	No	240	93.4%
1	Yes	17	6.6%
8	Unknown	0	0%
9	Missing	0	

QUESTION POST TEXT

if yes, give details

CNO: Contact number

Data file: bis_adhoc

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

Specify sample

LITERAL QUESTION

Contact no

Others

NOTES

Available in versions -,
valid CNO or old specset or XXXXXX-X = missing or blank
must be blank if sample N

OLDSPECSET: oldspecset

Data file: bis_adhoc

Overview

Valid: 0 Invalid: 0

Type: Discrete Width: 1 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

Specify sample

LITERAL QUESTION

Specimen set number

Others

NOTES

Available in versions -,

GE: Gastroenteritis

Data file: bis_adhoc

Overview

Valid: 222 Invalid: 35

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Diagnosis

LITERAL QUESTION

Diagnosis: gastroenteritis

CATEGORIES

Value	Category	Cases	
0	No	165	74.3%
1	Yes	57	25.7%
8	Unknown	0	0%
9	Missing	35	

MAL: Malaria

Data file: bis_adhoc

Overview

Valid: 232 Invalid: 25

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Diagnosis

LITERAL QUESTION

Diagnosis: malaria

CATEGORIES

Value	Category	Cases	
0	No	107	46.1%
1	Yes	125	53.9%
8	Unknown	0	0%
9	Missing	25	

URTI: Upper respiratory tract infection

Data file: bis_adhoc

Overview

Valid: 234 Invalid: 23

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Diagnosis

LITERAL QUESTION

Diagnosis: upper respiratory tract infection

CATEGORIES

Value	Category	Cases	
0	No	117	50%
1	Yes	117	50%
8	Unknown	0	0%
9	Missing	23	

LRTI: Lower respiratory tract infection

Data file: bis_adhoc

Overview

Valid: 229 Invalid: 28

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Diagnosis

LITERAL QUESTION

Diagnosis: lower respiratory tract infection

CATEGORIES

Value	Category	Cases	
0	No	146	63.8%
1	Yes	83	36.2%
8	Unknown	0	0%
9	Missing	28	

MENING: Meningitis

Data file: bis_adhoc

Overview

Valid: 213 Invalid: 44

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Diagnosis

LITERAL QUESTION

Diagnosis: meningitis

CATEGORIES

Value	Category	Cases	
0	No	213	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	44	

OTHERDIA: Other diagnosis

Data file: bis_adhoc

Overview

Valid: 216 Invalid: 41

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Diagnosis

LITERAL QUESTION

Diagnosis: other specify

CATEGORIES

Value	Category	Cases	
0	No	187	86.6%
1	Yes	29	13.4%
8	Unknown	0	0%
9	Missing	41	

PARACET: Paracetamol

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Treatment given

LITERAL QUESTION

Treatment given: Paracetamol

CATEGORIES

Value	Category	Cases	
0	No	7	2.7%
1	Yes	250	97.3%
8	Unknown	0	0%
9	Missing	0	

ORS: Oral rehydration

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Treatment given

LITERAL QUESTION

Treatment given: oral rehydration fluid

CATEGORIES

Value	Category	Cases	
0	No	196	76.3%
1	Yes	61	23.7%
8	Unknown	0	0%
9	Missing	0	

ANTIBIO: Antibiotics

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Treatment given

LITERAL QUESTION

Treatment given: antibiotics

CATEGORIES

Value	Category	Cases	
0	No	147	57.2%
1	Yes	110	42.8%
8	Unknown	0	0%
9	Missing	0	

QUESTION POST TEXT

- specify which

■ ANTIMAL: Anti malarials

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Treatment given

LITERAL QUESTION

Treatment given: anti-malarials

CATEGORIES

Value	Category	Cases	
0	No	122	47.5%
1	Yes	135	52.5%
8	Unknown	0	0%
9	Missing	0	

QUESTION POST TEXT

- specify which

■ OTHERX: Other treatment

Data file: bis_adhoc

Overview

Valid: 255 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Treatment given

LITERAL QUESTION

Treatment given: other

CATEGORIES

Value	Category	Cases	
0	No	229	89.8%
1	Yes	26	10.2%
8	Unknown	0	0%
9	Missing	2	

QUESTION POST TEXT

specify which

IMMSTATUS: Immunology status

Data file: bis_adhoc

Overview

Valid: 253 Invalid: 4

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If baby was due today for immunology studies give details of follow-up arrangements

CATEGORIES

Value	Category	Cases	
1	Appointment deferred	3	1.2%
2	Withdrawn	2	0.8%
3	Not due today	248	98%
8	Unknown	0	0%
9	Missing	4	

BABAGE: Baby age

Data file: bis_adhoc

Overview

Valid: 244 Invalid: 13

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is baby older than 6 months?

CATEGORIES

Value	Category	Cases	
0	No	176	72.1%
1	Yes	68	27.9%
8	Unknown	0	0%
9	Missing	13	

VITASUP: Vitamin supplement

Data file: bis_adhoc

Overview

Valid: 68 Invalid: 189

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If Y(Is baby older than 6 months?), has Vitamin A supplementation been given?

CATEGORIES

Value	Category	Cases	
0	No	2	2.9%
1	Yes	66	97.1%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		189	

VITAREAS: Vitamin reason

Data file: bis_adhoc

Overview

Valid: 2 Invalid: 255

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If No Vit A given why not?

CATEGORIES

Value	Category	Cases	
1	Out of Stock	1	50%
2	Missed	1	50%
3	Refused	0	0%
4	Other	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		255	

INTDATE: Interview date

Data file: bis_adhoc

Overview

Valid: 257 Minimum: 2007-05-21 Maximum: 2010-08-17

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of examination:

Others

NOTES

Available in versions -, 1

RCDR: Recoder

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code (paediatrician)

Others

NOTES

Available in versions -, 1

RCDR2: Recoder2

Data file: bis_adhoc

Overview

Valid: 187 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code (paediatrician)

Others

NOTES

Available in versions -, 1

CODR: Coder

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1
valid code in val_staff

CHKR: Checker

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 Level2 Checker

Others

NOTES
 Available in versions -, 1
 valid code in val_staff or blank

ENTRYBY: Entry by

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 Entry by

Others

NOTES
 Available in versions -, 1

UPDATEBY: Updated by

Data file: bis_adhoc

Overview

Valid: 69 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 Updated by

Others

NOTES

Available in versions -, 1

ENTRYDATE: Entry Date

Data file: bis_adhoc

Overview

Valid: 257 Minimum: 2007-05-25 Maximum: 2011-10-12
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry date

Others

NOTES

Available in versions -, 1

UPDATEDATE: Update date

Data file: bis_adhoc

Overview

Valid: 69 Minimum: 2007-06-11 Maximum: 2010-02-18
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update date

Others

NOTES

Available in versions -, 1

VERIFIED: Verified

Data file: bis_adhoc

Overview

Valid: 257 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Verified

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	257	100%
8	Unknown	0	0%
9	Missing	0	

VERSION: version

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Version

STUDYNO: Study Number

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

BIS Study number

Others

NOTES

Available in versions -, 1
valid studyno

IDENT: Main Unique Identifier in Karonga

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1
 valid ident
 must not begin 75 or 76

ORIGID: Original Ident in Karonga

Data file: bis_baby

Overview

Valid: 207 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1
 valid ident
 must not begin 75 or 76

BPLACE: Place of birth

Data file: bis_baby

Overview

Valid: 205 Invalid: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Place of birth

CATEGORIES

Value	Category	Cases	
1	Home	29	14.1%
2	Chilumba Rural Hospital	133	64.9%
3	Karonga District Hospital	32	15.6%
4	TBA camp	6	2.9%
5	Other	5	2.4%
8	Unknown	0	0%
9	Missing	2	

BTIMEU: Time of birth unknown**Data file:** bis_baby**Overview**

Valid: 61 Invalid: 146

Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

state NK if not known (Time of birth:)

CATEGORIES

Value	Category	Cases	
8	Unknown	61	100%
9	Missing	0	
Sysmiss		146	

BTIME: Time of birth**Data file:** bis_baby**Overview**

Valid: 146 Invalid: 61 Minimum: -1893542133760 Maximum: -1893458378752 Mean: -1893499943837.81

Standard deviation: 22320661.751

Type: Continuous Decimal: 0 Width: 14 Range: -1893542133760 - -1893458378752 Format: Numeric

Questions and instructions

LITERAL QUESTION

Time of birth: (24 hour clock)

Others

NOTES

Available in versions -, 1

24 hr clock

BWTU: Birthweight unknown**Data file:** bis_baby**Overview**

Valid: 20 Invalid: 187

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Birthweight: (state U if not known,

CATEGORIES

Value	Category	Cases	
1	Late	3	15%
8	Unknown	17	85%
9	Missing	0	
Sysmiss		187	

BWT: Birthweight

Data file: bis_baby

Overview

Valid: 190 Invalid: 17 Minimum: 2 Maximum: 5 Mean: 3.185 Standard deviation: 0.494

Type: Continuous Decimal: 0 Width: 1 Range: 2 - 5 Format: Numeric

Questions and instructions

LITERAL QUESTION

Birthweight

QUESTION POST TEXT

(state U if not known, state L if birthweight taken >2 days after birth)

Others

NOTES

Available in versions -, 1
range 2.00:5.00

GESTWK: Gestational age

Data file: bis_baby

Overview

Valid: 206 Invalid: 1

Type: Discrete Decimal: 0 Width: 2 Range: 32 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Gestational age

CATEGORIES

Value	Category
98	Unknown
99	Missing

APGAR: Apgar score

Data file: bis_baby

Overview

Valid: 194 Invalid: 13

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Apgar score recorded

CATEGORIES

Value	Category	Cases	
0	No	51	26.3%
1	Yes	143	73.7%
8	Unknown	0	0%
9	Missing	13	

SCORE1: Apgar score 1

Data file: bis_baby

Overview

Valid: 143 Invalid: 64

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

If Y(Apgar score recorded) 1 minute

CATEGORIES

Value	Category
98	Unknown
99	Missing

SCORE5: Apgar score 5**Data file:** bis_baby**Overview**

Valid: 143 Invalid: 64

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

If Y(Apgar score recorded) 5 minutes

CATEGORIES

Value	Category
98	Unknown
99	Missing

PROB: Problems**Data file:** bis_baby**Overview**

Valid: 152 Invalid: 55

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Any reported birth problems

CATEGORIES

Value	Category	Cases	
0	No	137	90.1%
1	Yes	15	9.9%
8	Unknown	0	0%
9	Missing	55	

BCGGIVEN: BCG given**Data file:** bis_baby**Overview**

Valid: 207 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

BCG vaccination given by KPS staff?

CATEGORIES

Value	Category	Cases	
0	No	23	11.1%
1	Yes	184	88.9%
8	Unknown	0	0%
9	Missing	0	

REASON: BCG reason

Data file: bis_baby

Overview

Valid: 22 Invalid: 185

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If N(BCG vaccination given by KPS staff?), why not

CATEGORIES

Value	Category	Cases	
1	Out of Stock	0	0%
2	Missed	0	0%
3	Refused	0	0%
4	Other	22	100%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		185	

GLM: GLM form

Data file: bis_baby

Overview

Valid: 205 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Lesion monitoring form (GLM) filled

CATEGORIES

Value	Category	Cases	
0	No	203	99%
1	Yes	2	1%
8	Unknown	0	0%
9	Missing	2	

BIS7: BIS7 form

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Vaccination form (BIS7) completed

CATEGORIES

Value	Category	Cases	
0	No	3	1.4%
1	Yes	204	98.6%
8	Unknown	0	0%
9	Missing	0	

PAXGENE: Cord blood paxgene

Data file: bis_baby

Overview

Valid: 206 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

SAMPLES COLLECTED

LITERAL QUESTION

Cord blood PaxGene:

CATEGORIES

Value	Category	Cases	
0	No	193	93.7%
1	Yes	13	6.3%
2	Unable to assess	0	0%
3	Refused	0	0%
9	Missing	1	

HEPARIN: Cord blood heparin

Data file: bis_baby

Overview

Valid: 206 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

SAMPLES COLLECTED

LITERAL QUESTION

Cord blood Heparin

CATEGORIES

Value	Category	Cases	
0	No	193	93.7%
1	Yes	13	6.3%
2	Unable to assess	0	0%
3	Refused	0	0%
9	Missing	1	

CNO: Contact no.

Data file: bis_baby

Overview

Valid: 13 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

SAMPLES COLLECTED

LITERAL QUESTION

Contact no.

Others

NOTES

Available in versions -, 1
valid CNO or old specset or blank
Must be blank if heparin or paxgene <> 1

INTDATE: Interview date

Data file: bis_baby

Overview

Valid: 207 Minimum: 2007-02-25 Maximum: 2010-03-28
Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date

Others

NOTES

Available in versions -, 1
01/10/2002 - current date

RCDR: Recoder

Data file: bis_baby

Overview

Valid: 207 Invalid: 0
Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code (nurse)

Others

NOTES

Available in versions -, 1

CODR: Coder

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1
valid code in val_staff

CHKR: Checker

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Level1 Checker

Others

NOTES

Available in versions -, 1
valid code in val_staff or blank

LENGTH: Length

Data file: bis_baby

Overview

Valid: 205 Invalid: 2 Minimum: 42 Maximum: 64.5 Mean: 49.713 Standard deviation: 3.439

Type: Continuous Decimal: 0 Width: 4 Range: 42 - 64.5 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Length(cm)

Others

NOTES
Available in versions -, 1
range 30.0:65.0 ; 0.00 = Missing

HDCIRC: Head circumference

Data file: bis_baby

Overview

Valid: 205 Invalid: 2 Minimum: 24 Maximum: 46.3 Mean: 35.229 Standard deviation: 2.397
Type: Continuous Decimal: 0 Width: 4 Range: 24 - 46.3 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Head circumference(cm)

Others

NOTES
Available in versions -, 1
range 1.0: 50.0 ; 0.00 = Missing

TEMP: Temperature

Data file: bis_baby

Overview

Valid: 205 Invalid: 2 Minimum: 0 Maximum: 38.4 Mean: 35.769 Standard deviation: 5.092
Type: Continuous Decimal: 0 Width: 4 Range: 0 - 38.4 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION

Temperature(°C)

Others

NOTES

Available in versions -, 1

range 34.00:42.00 ; 0.00 = Missing

HSMEGAL: Hepatosplenomegaly**Data file:** bis_baby**Overview**

Valid: 202 Invalid: 5

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Hepatosplenomegaly

CATEGORIES

Value	Category	Cases	
0	No	202	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	5	

MLN: Lymphadenopathy**Data file:** bis_baby**Overview**

Valid: 199 Invalid: 8

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Lymphadenopathy

CATEGORIES

Value	Category	Cases	
0	No	199	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	8	

LNAX: Axillary**Data file:** bis_baby**Overview**

Valid: 0 Invalid: 207

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
EXAMINATIONLITERAL QUESTION
Details if Y(Lymphadenopathy): axillary

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing
Sysmiss	

LNCERV: Cervical**Data file:** bis_baby**Overview**

Valid: 0 Invalid: 207

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
EXAMINATIONLITERAL QUESTION
Details if Y(Lymphadenopathy): cervical

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing
Sysmiss	

LNING: Inguinal

Data file: bis_baby

Overview

Valid: 0 Invalid: 207

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Details if Y(Lymphadenopathy): inguinal

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing
Sysmiss	

CVSEXAM: Cardiovascular system

Data file: bis_baby

Overview

Valid: 205 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Cardiovascular system normal

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	205	100%
8	Unknown	0	0%
9	Missing	2	

QUESTION POST TEXT

if no, give details

RSEXAM: Respiratory system**Data file:** bis_baby**Overview**

Valid: 205 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Respiratory system normal

CATEGORIES

Value	Category	Cases	
0	No	4	2%
1	Yes	201	98%
8	Unknown	0	0%
9	Missing	2	

QUESTION POST TEXT

if no, give details

CNSEXAM: Central nervous system**Data file:** bis_baby**Overview**

Valid: 205 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Central nervous system normal

CATEGORIES

Value	Category	Cases	
0	No	1	0.5%
1	Yes	204	99.5%
8	Unknown	0	0%
9	Missing	2	

QUESTION POST TEXT

if no, give details

OTHEREXAM: Other abnormality

Data file: bis_baby

Overview

Valid: 205 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Any other abnormalities (eg skin, skeletal)

CATEGORIES

Value	Category	Cases	
0	No	195	95.1%
1	Yes	10	4.9%
8	Unknown	0	0%
9	Missing	2	

QUESTION POST TEXT

if yes, give details

MOTEMP: Mother temperature

Data file: bis_baby

Overview

Valid: 205 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Mother had temperature $>38^{\circ}\text{C}$ in labour

CATEGORIES

Value	Category	Cases	
0	No	143	69.8%
1	Yes	0	0%
8	Unknown	62	30.2%
9	Missing	2	

MULTBRTH: Multiple birth

Data file: bis_baby

Overview

Valid: 205 Invalid: 2
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Multiple birth

CATEGORIES

Value	Category	Cases	
0	No	198	96.6%
1	Yes	7	3.4%
8	Unknown	0	0%
9	Missing	2	

CONABN: Congenital abnormality

Data file: bis_baby

Overview

Valid: 205 Invalid: 2
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Major congenital abnormality

CATEGORIES

Value	Category	Cases	
0	No	204	99.5%
1	Yes	1	0.5%
8	Unknown	0	0%
9	Missing	2	

CONINF: Congenital infection

Data file: bis_baby

Overview

Valid: 205 Invalid: 2
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Signs of congenital infection

CATEGORIES

Value	Category	Cases	
0	No	191	93.2%
1	Yes	2	1%
8	Unknown	12	5.9%
9	Missing	2	

IMMELIG: Eligible

Data file: bis_baby

Overview

Valid: 205 Invalid: 2
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Is baby eligible for immunology part of study

CATEGORIES

Value	Category	Cases	
0	No	13	6.3%
1	Yes	192	93.7%
8	Unknown	0	0%
9	Missing	2	

EXAMDATE: Exam date

Data file: bis_baby

Overview

Valid: 207 Minimum: 2007-02-25 Maximum: 2010-03-29
Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Date of examination

Others

NOTES
Available in versions -, 1
01/02/2007 – current date

PNRCDR: postnatal check staffcode

Data file: bis_baby

Overview

Valid: 207 Invalid: 0
Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code

Others

NOTES

Available in versions -, 1

PNCODR: postnatal check coder

Data file: bis_baby

Overview

Valid: 205 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1

valid code in val_staff

PNCHKR: postnatal check checker

Data file: bis_baby

Overview

Valid: 205 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Level1 Checker

Others

NOTES

Available in versions -, 1

valid code in val_staff or blank

CURVIL: Current Village (from BIS5)**Data file:** bis_baby**Overview**

Valid: 22 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village

Others

NOTES

Available in versions -, 1

valid code in val_village

WREASON: Reason (from BIS5)**Data file:** bis_baby**Overview**

Valid: 22 Invalid: 185

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Reason for withdrawal:

CATEGORIES

Value	Category	Cases	
1	Consent withdrawn	1	4.5%
2	Moved from area	7	31.8%
3	Child died	2	9.1%
4	Other	12	54.5%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		185	

DTHDATE: Date of death (from BIS5)**Data file:** bis_baby**Overview**

Valid: 2 Minimum: 2007-08-25 Maximum: 2007-12-28
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

date of death if known

Others

NOTES

Available in versions -, 1
 valid date or blank
 must be blank if reason <> 3

DTHDATEX: Date of death estimate (from BIS5)**Data file:** bis_baby**Overview**

Valid: 0 Invalid: 207
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

date of death if known: date incomplete

CATEGORIES

Value	Category
1	Full date known
2	Day unknown
3	Month unknown
4	Day and month unknown
8	Not known at all
9	Missing
Sysmiss	

WINTDATE: Interview date (from BIS5)**Data file:** bis_baby

Overview

Valid: 22 Minimum: 2007-09-13 Maximum: 2009-02-23
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date interview:

Others

NOTES

Available in versions -, 1
 01/02/2007 - current date

■ WRCDR: withdrawal form staffcode (from BIS5)

Data file: bis_baby

Overview

Valid: 22 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code (paediatrician)

Others

NOTES

Available in versions -, 1

■ WCODR: withdrawal coder (from BIS5)

Data file: bis_baby

Overview

Valid: 22 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1
valid code in val_staff

WCHKR: withdrawal checker (from BIS5)

Data file: bis_baby

Overview

Valid: 22 Invalid: 0
Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Level2 Checker

Others

NOTES

Available in versions -, 1
valid code in val_staff or blank

ENTRYBY: Entry by staffcode

Data file: bis_baby

Overview

Valid: 207 Invalid: 0
Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry by

Others

NOTES

Available in versions -, 1

UPDATEBY: Update by Staffcode

Data file: bis_baby

Overview

Valid: 47 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Updated by

Others

NOTES

Available in versions -, 1

ENTRYDATE: Entry Date

Data file: bis_baby

Overview

Valid: 207 Minimum: 2007-03-08 Maximum: 2010-03-30

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry date

UPDATEDATE: Update Date

Data file: bis_baby

Overview

Valid: 47 Minimum: 2007-05-17 Maximum: 2010-11-17

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update date

VERIFIED: Verified

Data file: bis_baby

Overview

Valid: 207 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Verified

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	207	100%
8	Unknown	0	0%
9	Missing	0	

VERSION: version.

Data file: bis_babyvacc

Overview

Valid: 789 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Version

IDENT: Main Unique Identifier in Karonga

Data file: bis_babyvacc

Overview

Valid: 789 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1

valid ident

must not begin 75 or 76

INTDATE: interview date

Data file: bis_babyvacc

Overview

Valid: 789 Minimum: 2007-02-27 Maximum: 2010-07-07

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date

Others

NOTES

Available in versions -, 1

FORMNO: sequence no. of form on intdate

Data file: bis_babyvacc

Overview

Valid: 789 Minimum: 1960-01-02 Maximum: 1960-01-10
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Form number (1 - 9)

Others

NOTES

Available in versions -, 1
 range 1:9

ORIGID: Original Ident in Karonga

Data file: bis_babyvacc

Overview

Valid: 789 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1
 valid ident
 must not begin 75 or 76

BCGDUE: BCG due**Data file:** bis_babyvacc**Overview**

Valid: 789 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Which vaccinations are due or overdue or have recently been given elsewhere?: BCG

CATEGORIES

Value	Category	Cases	
0	No	583	73.9%
1	Yes	206	26.1%
8	Unknown	0	0%
9	Missing	0	

OPVDUE: OPV due**Data file:** bis_babyvacc**Overview**

Valid: 789 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Which vaccinations are due or overdue or have recently been given elsewhere?: OPV

CATEGORIES

Value	Category	Cases	
0	No	121	15.3%
1	Yes	668	84.7%
8	Unknown	0	0%
9	Missing	0	

DPTDUE: DPT due**Data file:** bis_babyvacc**Overview**

Valid: 789 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Which vaccinations are due or overdue or have recently been given elsewhere?: DPT-HepB + HiB

CATEGORIES

Value	Category	Cases	
0	No	307	38.9%
1	Yes	482	61.1%
8	Unknown	0	0%
9	Missing	0	

MEASDUE: Measles due

Data file: bis_babyvacc

Overview

Valid: 789 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Which vaccinations are due or overdue or have recently been given elsewhere?: Measles

CATEGORIES

Value	Category	Cases	
0	No	689	87.3%
1	Yes	100	12.7%
8	Unknown	0	0%
9	Missing	0	

BCGGIVEN: BCG given

Data file: bis_babyvacc

Overview

Valid: 206 Invalid: 583

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

BCG given A Today, by KPS staff, B Before, elsewhere, C No

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Today by KPS staff	173	84%
2	Before Elsewhere	33	16%
8	unknown	0	0%
Sysmiss		583	

BCGMAKE: BCG make

Data file: bis_babyvacc

Overview

Valid: 173 Invalid: 616

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given today by KPS staff state: Manufacturer

CATEGORIES

Value	Category
8	Unknown
9	Missing

BCGBATCH: BCG batch

Data file: bis_babyvacc

Overview

Valid: 173 Invalid: 616

Type: Discrete Decimal: 0 Width: 1 Range: 5 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given today by KPS staff state: Batch number

CATEGORIES

Value	Category
8	Unknown
9	Missing

BCGSITE: BCG site**Data file:** bis_babyvacc**Overview**

Valid: 173 Invalid: 616

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given today by KPS staff state: Site of BCG

CATEGORIES

Value	Category	Cases	
1	left	0	0%
2	right	173	100%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		614	

QUESTION POST TEXT

comment if too deep or not given in right deltoid

BCGBLEB: BCG bleb size**Data file:** bis_babyvacc**Overview**

Valid: 172 Invalid: 617

Type: Discrete Decimal: 0 Width: 2 Range: 2 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given today by KPS staff state: Bleb size

CATEGORIES

Value	Category
98	Unknown
99	Missing

CURBCGTIMEU: BCG time unknown

Data file: bis_babyvacc

Overview

Valid: 2 Invalid: 787

Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given today by KPS staff state:Time Unknown

CATEGORIES

Value	Category	Cases	
8	Unknown	2	100%
9	Missing	0	
Sysmiss		787	

CURBCGTIME: BCG time

Data file: bis_babyvacc

Overview

Valid: 171 Invalid: 618 Minimum: -1893516181504 Maximum: -1893477646336 Mean: -1893498408600.7

Standard deviation: 10192689.213

Type: Continuous Decimal: 0 Width: 14 Range: -1893516181504 - -1893477646336 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given today by KPS staff state: Time (hh:min)

Others

NOTES

Available in versions -, 1

must be blank if BCG given <> 1

BCGPLACE: BCG place

Data file: bis_babyvacc

Overview

Valid: 31 Invalid: 758

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given before, elsewhere state: Place where given

CATEGORIES

Value	Category
8	Unknown
9	Missing

BCGDATE: BCG date

Data file: bis_babyvacc

Overview

Valid: 33 Minimum: 2002-04-30 Maximum: 2008-02-19

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given before, elsewhere state: Date given (DD/MM/YYYY)

Others

NOTES

Available in versions -, 1

OLDBCGTIMEU: Old BCG time unknown

Data file: bis_babyvacc

Overview

Valid: 27 Invalid: 762

Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given before, elsewhere state: Time, unknown

CATEGORIES

Value	Category	Cases	
8	Unknown	27	100%
9	Missing	0	
Sysmiss		762	

OLDBCETIME: Old BCG time

Data file: bis_babyvacc

Overview

Valid: 4 Invalid: 785 Minimum: -1893513560064 Maximum: -1893492064256 Mean: -1893505499136

Standard deviation: 9427773.679

Type: Continuous Decimal: 0 Width: 14 Range: -1893513560064 - -1893492064256 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG VACCINATION

LITERAL QUESTION

If BCG vaccination given before, elsewhere state: Time, if known (hh:min)

Others

NOTES

Available in versions -, 1

must be blank if BCG given <> 2

BCGSOURCE: BCG source

Data file: bis_babyvacc

Overview

Valid: 33 Invalid: 756

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
BCG VACCINATION

LITERAL QUESTION
If BCG vaccination given before, elsewhere state: Source of information

CATEGORIES

Value	Category	Cases	
1	Health passport	21	63.6%
2	Temporary record	7	21.2%
3	Mother	5	15.2%
4	Other	0	0%
8	unknown	0	0%
9	Missing	0	
Sysmiss		756	

BCGREASON: BCG reason

Data file: bis_babyvacc

Overview

Valid: 0 Invalid: 789
Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
BCG VACCINATION

LITERAL QUESTION
If BCG not given state reason

CATEGORIES

Value	Category
8	Unknown
9	Missing

OPVDOSE: OPV dose

Data file: bis_babyvacc

Overview

Valid: 668 Invalid: 121
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
OPV VACCINATION

LITERAL QUESTION
Which dose is due?

CATEGORIES

Value	Category
8	Unknown
9	Missing

OPVGIVEN: OPV given

Data file: bis_babyvacc

Overview

Valid: 668 Invalid: 121

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

Questions and instructions

QUESTION PRETEXT
OPV VACCINATION

LITERAL QUESTION
OPV given A Today, by KPS staff, B Before, elsewhere, C No

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Today by KPS staff	561	84%
2	Before Elsewhere	107	16%
8	unknown	0	0%
Sysmiss		121	

OPVMAKE: OPV make

Data file: bis_babyvacc

Overview

Valid: 561 Invalid: 228

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

OPV VACCINATION

LITERAL QUESTION

If OPV vaccination given today by KPS staff state: Manufacturer

CATEGORIES

Value	Category
8	Unknown
9	Missing

OPVBATCH: OPV batch

Data file: bis_babyvacc

Overview

Valid: 561 Invalid: 228

Type: Discrete Decimal: 0 Width: 1 Range: 3 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

OPV VACCINATION

LITERAL QUESTION

If OPV vaccination given today by KPS staff state: Batch number

CATEGORIES

Value	Category
8	Unknown
9	Missing

OPVPLACE: OPV place

Data file: bis_babyvacc

Overview

Valid: 107 Invalid: 682

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

OPV VACCINATION

LITERAL QUESTION

If OPV vaccination given before, elsewhere state: Place where given

CATEGORIES

Value	Category
8	Unknown
9	Missing

OPVDATE: OPV date

Data file: bis_babyvacc

Overview

Valid: 107 Minimum: 2007-04-24 Maximum: 2010-06-29
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

OPV VACCINATION

LITERAL QUESTION

If OPV vaccination given before, elsewhere state: Date given (DD/MM/YYYY)

Others

NOTES

Available in versions -, 1

OPVSOURCE: OPV source

Data file: bis_babyvacc

Overview

Valid: 107 Invalid: 682
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

OPV VACCINATION

LITERAL QUESTION

If OPV vaccination given before, elsewhere state: Source of information

CATEGORIES

Value	Category	Cases	
1	Health passport	96	89.7%
2	Temporary record	9	8.4%

3	Mother	2	1.9%
4	Other	0	0%
8	unknown	0	0%
9	Missing	0	
Sysmiss		682	

OPVREASON: OPV not given reason

Data file: bis_babyvacc

Overview

Valid: 0 Invalid: 789

Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
OPV VACCINATION

LITERAL QUESTION
If OPV not given state reason

CATEGORIES

Value	Category
8	Unknown
9	Missing
Sysmiss	

DPTDOSE: DPT dose

Data file: bis_babyvacc

Overview

Valid: 482 Invalid: 307

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
DPT-HepB + HiB VACCINATION

LITERAL QUESTION
Which dose is due?

CATEGORIES

Value	Category
8	Unknown

9	Missing
---	---------

DPTGIVEN: DPT given**Data file:** bis_babyvacc**Overview**

Valid: 482 Invalid: 307

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

DPT given A Today, by KPS staff, B Before, elsewhere, C No

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Today by KPS staff	402	83.4%
2	Before Elsewhere	80	16.6%
8	unknown	0	0%
Sysmiss		307	

DPTMAKE: DPT make**Data file:** bis_babyvacc**Overview**

Valid: 402 Invalid: 387

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

If DPT vaccination given today by KPS staff state: Manufacturer

CATEGORIES

Value	Category
8	Unknown
9	Missing

DPTBATCH: DPT batch**Data file:** bis_babyvacc**Overview**

Valid: 402 Invalid: 387

Type: Discrete Decimal: 0 Width: 1 Range: 2 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

If DPT vaccination given today by KPS staff state: Batch number

CATEGORIES

Value	Category
8	Unknown
9	Missing

DPTPLACE: DPT place**Data file:** bis_babyvacc**Overview**

Valid: 80 Invalid: 709

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

If DPT vaccination given before, elsewhere state: Place where given

CATEGORIES

Value	Category
8	Unknown
9	Missing

DPTDATE: DPT date**Data file:** bis_babyvacc

Overview

Valid: 80 Minimum: 2007-04-24 Maximum: 2010-06-29
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

If DPT vaccination given before, elsewhere state: Date given (DD/MM/YYYY)

Others

NOTES

Available in versions -, 1

DPTSOURCE: DPT source

Data file: bis_babyvacc

Overview

Valid: 80 Invalid: 709
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

If DPT vaccination given before, elsewhere state: Source of information

CATEGORIES

Value	Category	Cases	
1	Health passport	77	96.3%
2	Temporary record	3	3.8%
3	Mother	0	0%
4	Other	0	0%
8	unknown	0	0%
9	Missing	0	
Sysmiss		709	

DPTREASON: DPT not given reason

Data file: bis_babyvacc

Overview

Valid: 0 Invalid: 789

Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

DPT-HepB + HiB VACCINATION

LITERAL QUESTION

If DPT not given state reason

CATEGORIES

Value	Category
8	Unknown
9	Missing

MEASGIVEN: Measles given

Data file: bis_babyvacc

Overview

Valid: 100 Invalid: 689

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 8 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

Measles given A Today, by KPS staff, B Before, elsewhere, C No

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Today by KPS staff	75	75%
2	Before Elsewhere	25	25%
8	unknown	0	0%
Sysmiss		689	

MEASMAKE: Measles make

Data file: bis_babyvacc

Overview

Valid: 75 Invalid: 714

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

If measles vaccination given today by KPS staff state: Manufacturer

CATEGORIES

Value	Category
8	Unknown
9	Missing

MEASBATCH: Measles batch

Data file: bis_babyvacc

Overview

Valid: 75 Invalid: 714

Type: Discrete Decimal: 0 Width: 1 Range: 2 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

If measles vaccination given today by KPS staff state: Batch number

CATEGORIES

Value	Category
8	Unknown
9	Missing

MEASPLACE: Measles place

Data file: bis_babyvacc

Overview

Valid: 25 Invalid: 764

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

If measles vaccination given before, elsewhere state: Place where given

CATEGORIES

Value	Category
8	Unknown
9	Missing

MEASDATE: Measles date

Data file: bis_babyvacc

Overview

Valid: 25 Minimum: 2008-05-08 Maximum: 2008-12-22

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

If measles vaccination given before, elsewhere state: Date given (DD/MM/YYYY)

Others

NOTES

Available in versions -, 1

MEASSOURCE: Measles source

Data file: bis_babyvacc

Overview

Valid: 25 Invalid: 764

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

If measles vaccination given before, elsewhere state: Source of information

CATEGORIES

Value	Category	Cases	
1	Health passport	25	100%

2	Temporary record	0	0%
3	Mother	0	0%
4	Other	0	0%
8	unknown	0	0%
9	Missing	0	
Sysmiss		764	

MEASREASON: Measles not given reason

Data file: bis_babyvacc

Overview

Valid: 0 Invalid: 789

Type: Discrete Decimal: 0 Width: 1 Range: 8 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Measles VACCINATION

LITERAL QUESTION

If measles not given state reason

CATEGORIES

Value	Category
8	Unknown
9	Missing

GLM: GLM filled

Data file: bis_babyvacc

Overview

Valid: 781 Invalid: 8

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Lesion monitoring form (GLM) filled:

CATEGORIES

Value	Category	Cases	
0	No	680	87.1%
1	Yes	101	12.9%

8	Unknown	0	0%
9	Missing	6	
Sysmiss		2	

RCDR: staff code**Data file:** bis_babyvacc**Overview**

Valid: 789 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code

Others

NOTES

Available in versions -, 1

CODR: coder**Data file:** bis_babyvacc**Overview**

Valid: 789 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1

valid code in val_staff

CHKR: checker**Data file:** bis_babyvacc

Overview

Valid: 786 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 Level2 Checker

Others

NOTES
 Available in versions -, 1
 valid code in val_staff or blank

ENTRYBY: Entry by

Data file: bis_babyvacc

Overview

Valid: 789 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 Entry by

Others

NOTES
 Available in versions -, 1

UPDATEBY: update by

Data file: bis_babyvacc

Overview

Valid: 66 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 Updated by

Others

NOTES

Available in versions -, 1

ENTRYDATE: entry date

Data file: bis_babyvacc

Overview

Valid: 789 Minimum: 2007-03-23 Maximum: 2010-08-13
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry date

Others

NOTES

Available in versions -, 1

UPDATEDATE: update date

Data file: bis_babyvacc

Overview

Valid: 66 Minimum: 2007-04-16 Maximum: 2011-10-12
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update date

Others

NOTES

Available in versions -, 1

VERIFIED: verified

Data file: bis_babyvacc

Overview

Valid: 789 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Verified

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	789	100%
8	Unknown	0	0%
9	Missing	0	

VERSION: Version**Data file:** bis_ghhm**Overview**

Valid: 52 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Version

GHHID: General household identifier in Karonga**Data file:** bis_ghhm**Overview**

Valid: 52 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Ghhid

Others

NOTES

Available in versions -, 1

IDENT: Main unique identifier in Karonga**Data file:** bis_ghhm**Overview**

Valid: 52 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Name

Others

NOTES

Available in versions -, 1

valid check digit

ORIGID: Original Identifier in Karonga**Data file:** bis_ghhm**Overview**

Valid: 52 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Name

Others

NOTES

Available in versions -, 1

valid check digit

MOTHVITA: Mother alive/dead**Data file:** bis_ghhm**Overview**

Valid: 52 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Mother alive/dead

CATEGORIES

Value	Category	Cases	
1	Alive	37	71.2%
2	Dead	15	28.8%
8	Unknown	0	0%
9	Missing	0	0%

MOTHDEST: Mother's death estimate**Data file:** bis_ghhm

Overview

Valid: 0 Invalid: 52

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Mother death year estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

MOTHDYR: Mother's death yr

Data file: bis_ghhm

Overview

Valid: 14 Invalid: 38

Type: Discrete Decimal: 0 Width: 4 Range: 1973 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Mother death year

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

FATHVITA: Father alive/dead

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Father alive/dead

CATEGORIES

Value	Category	Cases	
1	Alive	42	80.8%
2	Dead	10	19.2%
8	Unknown	0	0%
9	Missing	0	

FATHDEST: Father's death estimate

Data file: bis_ghhm

Overview

Valid: 0 Invalid: 52

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Father death year estimate

CATEGORIES

Value	Category
-------	----------

0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

FATHDYR: Father's death year

Data file: bis_ghhm

Overview

Valid: 10 Invalid: 42

Type: Discrete Decimal: 0 Width: 4 Range: 1979 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Father death year

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

MARITAL: Marital**Data file:** bis_ghhm**Overview**

Valid: 27 Invalid: 25

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Marital status (current)

CATEGORIES

Value	Category	Cases	
0	Never married	4	14.8%
1	Married	22	81.5%
2	divorced/septd, <=5 years ago	0	0%
3	divorced/septd, >5 years ago	1	3.7%
4	widowed, <=5 years ago	0	0%
5	widowed, >5 years ago	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		25	

SPOUSENUM: Number of spouses**Data file:** bis_ghhm**Overview**

Valid: 0 Invalid: 52

Type: Discrete Decimal: 0 Width: 2 Range: 98 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

How many spouses do you have now?

CATEGORIES

Value	Category
98	Unknown
99	Missing

INTDATE: Interview date**Data file:** bis_ghhm**Overview**

Valid: 52 Minimum: 2007-09-13 Maximum: 2008-04-25
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Interview date

Others

NOTES

Available in versions -, 1
 01/08/2007 - current date

JOINEST: Joined estimate**Data file:** bis_ghhm**Overview**

Valid: 0 Invalid: 52
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Household and Residence

LITERAL QUESTION

When did you join / become head of this household?: Estimate

CATEGORIES

Value	Category
0	From birth
2	<1910
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89

11	1990-99
98	Unknown
99	Missing
Sysmiss	

JOINMM: Joined month

Data file: bis_ghhm

Overview

Valid: 43 Invalid: 9

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Household and Residence

LITERAL QUESTION

When did you join / become head of this household?: Month

CATEGORIES

Value	Category	Cases	
1	January	4	9.3%
2	February	1	2.3%
3	March	3	7%
4	April	4	9.3%
5	May	0	0%
6	June	6	14%
7	July	4	9.3%
8	August	2	4.7%
9	September	7	16.3%
10	October	5	11.6%
11	November	2	4.7%
12	December	5	11.6%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		9	

JOINYEAR: Joined year

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0 Minimum: 1983 Maximum: 2007 Mean: 2001.827 Standard deviation: 6.141
 Type: Continuous Decimal: 0 Width: 4 Range: 1983 - 2007 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Household and Residence

LITERAL QUESTION

When did you join / become head of this household?: Year

Others

NOTES

Available in versions -, 1
 YOB - current year or blank
 must be blank if joinest entered

■ POSN: Position

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Household and Residence

LITERAL QUESTION

Position in household

CATEGORIES

Value	Category	Cases	
0	Prisoner	0	0%
1	Head	11	21.2%
2	Member	41	78.8%
3	Visitor	0	0%
4	Itinerant	0	0%
5	Employed worker or servant	0	0%
6	Renter	0	0%
7	Institutional member	0	0%
8	Non member relative	0	0%
9	Patient	0	0%

10	Relative of employed worker or renter	0	0%
98	Unknown	0	0%
99	Missing	0	

PREVVIL: Previous village

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

Household and Residence

LITERAL QUESTION

Previous village

Others

NOTES

Available in versions -, 1

valid code in val_village or blank

Must be blank if joined estimate = 1 (joined at birth)

RCDR: Recorder

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Field-Staffcode

Others

NOTES

Available in versions -, 1

valid code in val_staff

CODR: Coder

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1
valid code in val_staff

CHKR: Checker

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Checker

Others

NOTES

Available in versions -, 1
valid code in val_staff

ENTRYDATE: Entry Date

Data file: bis_ghhm

Overview

Valid: 52 Minimum: 2007-11-30 Maximum: 2008-09-16

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry date

Others

NOTES

Available in versions -, 1

ENTRYBY: Entry By

Data file: bis_ghhm

Overview

Valid: 52 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry by

Others

NOTES

Available in versions -, 1

UPDATEDATE: Update date

Data file: bis_ghhm

Overview

Valid: 8 Minimum: 2007-11-30 Maximum: 2008-11-24

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update date

Others

NOTES

Available in versions -, 1

UPDATEBY: Updated By**Data file:** bis_ghhm**Overview**

Valid: 8 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Updated by

Others

NOTES

Available in versions -, 1

VERIFIED: Verified**Data file:** bis_ghhm**Overview**

Valid: 52 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Verified

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	52	100%
8	Unknown	0	0%
9	Missing	0	

VERSION: version**Data file:** bis_mother**Overview**

Valid: 312 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Version

IDENT: Main Unique Identifier in Karonga**Data file:** bis_mother**Overview**

Valid: 312 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Name

Others

NOTES

Available in versions -, 1

valid ident

must not begin 75 or 76

ORIGID: Original ident in Karonga**Data file:** bis_mother**Overview**

Valid: 312 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Name

Others

NOTES

Available in versions -, 1
valid ident
must not begin 75 or 76

STUDYNO: Study Number

Data file: bis_mother

Overview

Valid: 312 Invalid: 0
Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

STUDY-NO

Others

NOTES

Available in versions -, 1
4 digits. Valid BIS studyno

IDHDHSE: Main Unique identifier of head of household in Karonga

Data file: bis_mother

Overview

Valid: 247 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Current household

Others

NOTES

Available in versions -, 1
valid ident in gen_identity or blank

ORIGHDHSE: Original identifier of head of household in Karonga

Data file: bis_mother

Overview

Valid: 247 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Current household

Others

NOTES

Available in versions -, 1

valid ident in gen_identity or blank

HEADNAME: Name of head of household

Data file: bis_mother

Overview

Valid: 65 Invalid: 0

Type: Discrete Width: 33 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Current household

Others

NOTES

Available in versions -, 1

must be entered on File A if idhdhse blank

CURVIL: Current village

Data file: bis_mother

Overview

Valid: 312 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Current home village

Others

NOTES

Available in versions -, 1
valid code in val_village

SCHLEVER: School ever

Data file: bis_mother

Overview

Valid: 310 Invalid: 2
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Woman's education and occupation

LITERAL QUESTION

Have you been to school?

CATEGORIES

Value	Category	Cases	
0	Never	5	1.6%
1	Current	0	0%
2	Ever	305	98.4%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		2	

SCHLTYPE: School type

Data file: bis_mother

Overview

Valid: 305 Invalid: 7
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Woman's education and occupation

LITERAL QUESTION

What is the highest level of schooling you reached?

CATEGORIES

Value	Category	Cases	
0	None	0	0%
1	Primary	228	74.8%
2	Secondary	77	25.2%
3	Tertiary	0	0%
4	Higher	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		7	

SCHLSTD: School standard

Data file: bis_mother

Overview

Valid: 305 Invalid: 7

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Woman's education and occupation

LITERAL QUESTION

form/ standard

Others

NOTES

Available in versions -, 1

must be blank if Ever been to school = 0 ; must be 0 - 7 if School type = 1 ; must be 0 - 4 if School type = 2

SCHLPREG: Pregnant at school

Data file: bis_mother

Overview

Valid: 305 Invalid: 7

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Woman's education and occupation

LITERAL QUESTION

Were you still at school when you got pregnant with this baby?

CATEGORIES

Value	Category	Cases	
0	No	281	92.1%
1	Yes	24	7.9%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		7	

HHHEMP: Employment of head

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

Questions and instructions

QUESTION PRETEXT

What is the main occupation of the head of the HH where you are currently living?

LITERAL QUESTION

Employment code

CATEGORIES

Value	Category	Cases	
0	Not applicable	0	0%
11	Full-time education	1	0.3%
12	Unable to work	0	0%
13	Retired	0	0%
14	Looking for work	0	0%
19	Other	0	0%
20	Housework	0	0%
30	Employer no sub-category	0	0%

31	Runs own business	0	0%
33	????	0	0%
41	In cash economy	66	21.3%
42	Subsistence economy	183	59%
49	Own account don't know payment	6	1.9%
51	Salary (monthly)	17	5.5%
52	Wage (weekly)	14	4.5%
53	Casual or piecework	20	6.5%
54	Unpaid worker	1	0.3%
59	Employee don't know payment	2	0.6%
998	Unknown	0	0%
999	Missing	0	0%
99	No information	0	
Sysmiss		2	

HHHOCC: Occupation of head

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

What is the main occupation of the head of the HH where you are currently living?

LITERAL QUESTION

Occupation head:

CATEGORIES

Value	Category	Cases	
0	Not working	1	0.3%
11	Teachers, nurses, clergy, writers	0	0%
12	Teachers	5	1.6%
13	Health professionals	0	0%
14	Clergy	4	1.3%
19	Other professionals	0	0%
22	Managing small family business	0	0%
23	Management in large organisations	1	0.3%
24	Small family business	7	2.3%
25	Commercial farmer	1	0.3%

26	Traditional authority	0	0%
30	Small trader/store keeper	0	0%
31	Desk, shop or official outdoor jobs	0	0%
32	Small trader/store	10	3.2%
33	Office worker	0	0%
34	Barman/girl, waiter	0	0%
35	Sales assistant	0	0%
36	Army/police	0	0%
37	Clinical assistants	2	0.6%
39	Other non-manual	2	0.6%
41	Modern skills	0	0%
42	Traditional craft	0	0%
43	Crafts and related skills	24	7.7%
44	Driver/assistant driver	6	1.9%
45	African Doctor/herbalist	6	1.9%
49	Other skilled manual	2	0.6%
51	Agriculture	0	0%
52	Other manual work	0	0%
53	Subsistence farmer	182	58.7%
54	Herdsman	0	0%
55	Fisherman	38	12.3%
56	Labourer	8	2.6%
57	Security guard/watchman	9	2.9%
58	House boy/girl	0	0%
59	Other unskilled manual	2	0.6%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		2	

HHHIND: Industry of head

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

Questions and instructions

QUESTION PRETEXT

What is the main occupation of the head of the HH where you are currently living?

LITERAL QUESTION

describe industry (if not in agriculture/ forestry):

CATEGORIES

Value	Category	Cases	
0		1	0.3%
11	Agriculture & forestry	184	59.4%
12	Fishing	38	12.3%
13	Mining	0	0%
19	Primary producers not classified	0	0%
21	Food processing & sales	1	0.3%
22	Drink processing & sales	0	0%
31	Building & road construction	11	3.5%
32	Mining & industrial manufacturing	0	0%
33	Workshop & domestic production	8	2.6%
37	Not classified	0	0%
39	Manufacturing construction and repair not classified	6	1.9%
40	Transport & utilities	0	0%
41	Transport & utilities water	5	1.6%
42	Transport & utilities gas	0	0%
43	Electricity	1	0.3%
44	Telephone	0	0%
45	Transport	4	1.3%
49	Transport and utilities not classified	0	0%
51	Petty, retail & wholesale	15	4.8%
52	Retail	1	0.3%
53	Wholesale	0	0%
54	Financial	0	0%
59	Trade not classified	1	0.3%
61	Health	10	3.2%
62	Personal & domestic	1	0.3%
63	Government & security	10	3.2%
64	Education & pastoral	10	3.2%
65	Information & entertainment	1	0.3%
69	Public service not classified	0	0%
70	No sub-category available	0	0%
90	Unclassifiable no sub-category available	0	0%
99	Unclassifiable no information	2	0.6%
998	Unknown	0	0%
999	Missing	0	

Sysmiss		2	
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HHHTRAIND: Head trained

Data file: bis_mother

Overview

Valid: 305 Invalid: 7

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

What is the main occupation of the head of the HH where you are currently living?

LITERAL QUESTION

Did s/he formally train in this occupation?

CATEGORIES

Value	Category	Cases	
0	No	280	91.8%
1	Yes	25	8.2%
8	Unknown	0	0%
9	Missing	4	
Sysmiss		3	

PRODBIREST: Father's birthest

Data file: bis_mother

Overview

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Father of this pregnancy

LITERAL QUESTION

What is the age of the man who fathered this pregnancy? : year of birth estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09

3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

QUESTION POST TEXT

(record in one of the following ways, according to what the woman says)

PRODBIRYEA: Father's birth year**Data file:** bis_mother**Overview**

Valid: 264 Invalid: 48 Minimum: 1948 Maximum: 1988 Mean: 1975.875 Standard deviation: 7.841

Type: Continuous Decimal: 0 Width: 4 Range: 1948 - 1988 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Father of this pregnancy

LITERAL QUESTION

What is the age of the man who fathered this pregnancy? : year of birth

QUESTION POST TEXT

(record in one of the following ways, according to what the woman says)

Others

NOTES

Available in versions -, 1
range 1950:1990

PRODAGE: Father's age

Data file: bis_mother

Overview

Valid: 0 Invalid: 312
Type: Discrete Decimal: 0 Width: 1 Range: - Format: Numeric

Questions and instructions

QUESTION PRETEXT

Father of this pregnancy

LITERAL QUESTION

What is the age of the man who fathered this pregnancy? : age in years

QUESTION POST TEXT

(record in one of the following ways, according to what the woman says)

Others

NOTES

Available in versions -,
range 15:70

PRODAGEDIFF1: Age difference

Data file: bis_mother

Overview

Valid: 44 Invalid: 268
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Father of this pregnancy

LITERAL QUESTION

What is the age of the man who fathered this pregnancy? : age difference

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

1	Same age	0	0%
2	Older	43	97.7%
3	Younger	1	2.3%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		268	

QUESTION POST TEXT

(record in one of the following ways, according to what the woman says)

PRODAGEDIFF2: Age difference in years**Data file:** bis_mother**Overview**

Valid: 46 Invalid: 266

Type: Discrete Decimal: 0 Width: 2 Range: 2 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Father of this pregnancy

LITERAL QUESTION

What is the age of the man who fathered this pregnancy? : older or younger by:

CATEGORIES

Value	Category
98	Unknown
99	Missing

QUESTION POST TEXT

(record in one of the following ways, according to what the woman says)

MARITAL: Marital status**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

Are you now: Married (or living with a man) ? Single (= never married) ? Divorced / separated ? Widowed ?

CATEGORIES

Value	Category	Cases	
0	Never married	8	2.6%
1	Married	282	91%
2	Divorced/separated	18	5.8%
3	Widowed	2	0.6%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		2	

MARCUREST: Current marriage estimate

Data file: bis_mother

Overview

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

When did you get married to your current husband?: Estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13

14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

MARCURMM: Current marriage month

Data file: bis_mother

Overview

Valid: 250 Invalid: 62

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

When did you get married to your current husband? (MM / YYYY): Month

CATEGORIES

Value	Category	Cases	
1	January	31	12.4%
2	February	20	8%
3	March	20	8%
4	April	17	6.8%
5	May	17	6.8%
6	June	19	7.6%
7	July	14	5.6%
8	August	15	6%
9	September	21	8.4%
10	October	21	8.4%
11	November	28	11.2%
12	December	27	10.8%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	

Sysmiss

62

MARCURYR: Current marriage year**Data file:** bis_mother**Overview**

Valid: 282 Invalid: 30 Minimum: 1984 Maximum: 2009 Mean: 2001.177 Standard deviation: 5.474
 Type: Continuous Decimal: 0 Width: 4 Range: 1984 - 2009 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

When did you get married to your current husband? (MM / YYYY): Year

Others

NOTES

Available in versions -, 1

Not less than YOB + 14 years

must be blank if marcurest entered ; must be blank if marital status <> 2

OTHWIVES: Other wives of husband**Data file:** bis_mother**Overview**

Valid: 282 Invalid: 30
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

How many other wives does your husband have?

QUESTION POST TEXT

(record 00 if none)

Others

NOTES

Available in versions -, 1

.0027777777777778

must be blank if marital <> 2

HUSBNCHIL: Other children

Data file: bis_mother

Overview

Valid: 281 Invalid: 31

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

Taken together, how many children has your current partner ever fathered with other women?

CATEGORIES

Value	Category
98	Unknown
99	Missing

PREVCOHAB: Previous cohabitations

Data file: bis_mother

Overview

Valid: 302 Invalid: 10

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

How many times have you been married before? (do not include the current marriage)

CATEGORIES

Value	Category
98	Unknown
99	Missing

MARFIREST: 1st married estimate

Data file: bis_mother

Overview

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

When did you first get married?: Estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

MARFIRMM: 1st married month

Data file: bis_mother

Overview

Valid: 53 Invalid: 259

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

When did you first get married?: Month

CATEGORIES

Value	Category	Cases	
1	January	4	7.5%
2	February	2	3.8%
3	March	4	7.5%
4	April	2	3.8%
5	May	3	5.7%
6	June	4	7.5%
7	July	3	5.7%
8	August	6	11.3%
9	September	4	7.5%
10	October	4	7.5%
11	November	6	11.3%
12	December	11	20.8%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		259	

MARFIRYEAR: 1st married year

Data file: bis_mother

Overview

Valid: 76 Invalid: 236 Minimum: 1982 Maximum: 2006 Mean: 1996.632 Standard deviation: 5.724

Type: Continuous Decimal: 0 Width: 4 Range: 1982 - 2006 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Marital Status

LITERAL QUESTION

When did you first get married?: Year

Others

NOTES

Available in versions -, 1

Not less than YOB + 14 years or blank

must be blank if 1st marriage estimate entered ; must be blank if marital = 1 or Previous cohabitations = 00

LMPMM: LMP month

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

When was your last menstrual period: (month/year): Month

CATEGORIES

Value	Category	Cases	
1	January	55	17.7%
2	February	28	9%
3	March	28	9%
4	April	15	4.8%
5	May	7	2.3%
6	June	5	1.6%
7	July	9	2.9%
8	August	16	5.2%
9	September	37	11.9%
10	October	34	11%
11	November	31	10%
12	December	45	14.5%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		2	

LMPYY: LMP year**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 4 Range: 2006 - 2009 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

When was your last menstrual period: (month/year):Year

Others

NOTES

Available in versions -, 1

<= current month and year or blank

EDDMM: EDD month**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

Expected date of delivery: (estimated from LMP) (month/year): Month

CATEGORIES

Value	Category	Cases	
1	January	15	4.8%
2	February	8	2.6%
3	March	6	1.9%
4	April	9	2.9%
5	May	16	5.2%
6	June	31	10%
7	July	38	12.3%
8	August	29	9.4%

9	September	42	13.5%
10	October	60	19.4%
11	November	26	8.4%
12	December	30	9.7%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		2	

EDDYY: EDD year

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 4 Range: 2007 - 2010 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

Expected date of delivery: (estimated from LMP) (month/year): Year

Others

NOTES

Available in versions -, 1

Valid year

PLCEBORN: Place of birth

Data file: bis_mother

Overview

Valid: 309 Invalid: 3

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

Planned place of birth

CATEGORIES

Value	Category	Cases	
1	Home	0	0%
2	Health Centre	309	100%
3	TBA-camp	0	0%
4	Relatives Household	0	0%
5	Other (specify)	0	0%
9	Missing	1	
Sysmiss		2	

HCBORN: HC/TBA**Data file:** bis_mother**Overview**

Valid: 309 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

If HC/TBA (Planned place of birth), specify

Others

NOTES

Available in versions -, 1

valid code in val_vcentre or blank

FERTILTREA: Fertility treatment**Data file:** bis_mother**Overview**

Valid: 306 Invalid: 6

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

Did you do use any means to help you to become pregnant with this baby?

CATEGORIES

Value	Category	Cases	
0	No	293	95.8%
1	Yes	13	4.2%
8	Unknown	0	0%
9	Missing	4	
Sysmiss		2	

FERTILMETH: Fertility method

Data file: bis_mother

Overview

Valid: 13 Invalid: 299

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

This pregnancy

LITERAL QUESTION

If yes (Did you do use any means to help you to become pregnant with this baby?), probe which methods?

CATEGORIES

Value	Category	Cases	
1	African Doctor	0	0%
2	Herbs + African doctor	3	23.1%
3	Herbs/Herbalist	9	69.2%
4	Modern medicine	0	0%
5	Others	1	7.7%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		299	

MENARCAGE: Age of periods

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 10 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

How old were you when you started your monthly periods?

CATEGORIES

Value	Category
98	Unknown
99	Missing

AGEOFSEX: Age of sex

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 11 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

How old were you when you first had penetrative sexual intercourse?

CATEGORIES

Value	Category
98	Unknown
99	Missing

PREGEVER: Pregnant ever

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

Have you ever been pregnant before? (whether or not resulting in a birth)

CATEGORIES

Value	Category	Cases	
0	No	56	18.1%
1	Yes	254	81.9%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		2	

EMISTOT: Miscarriages/abortions

Data file: bis_mother

Overview

Valid: 254 Invalid: 58

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

Have you ever had any miscarriages? (=pregnancy loss before end of 7th month), How many?

CATEGORIES

Value	Category
98	Unknown
99	Missing

STILLBIRTH: Still births

Data file: bis_mother

Overview

Valid: 254 Invalid: 58

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry) How many?

CATEGORIES

Value	Category
98	Unknown
99	Missing

STILLBEST: Still birth est

Data file: bis_mother

Overview

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

If yes(Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry)), when was the last stillbirth?: Estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable

98	Unknown
99	Missing
Sysmiss	

STILLBMM: Still birth month

Data file: bis_mother

Overview

Valid: 15 Invalid: 297

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

If yes(Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry)), when was the last stillbirth?: Month

CATEGORIES

Value	Category	Cases	
1	January	0	0%
2	February	6	40%
3	March	1	6.7%
4	April	1	6.7%
5	May	1	6.7%
6	June	1	6.7%
7	July	1	6.7%
8	August	2	13.3%
9	September	1	6.7%
10	October	0	0%
11	November	1	6.7%
12	December	0	0%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		297	

STILLBYEAR: Still birth year

Data file: bis_mother

Overview

Valid: 15 Invalid: 297

Type: Discrete Decimal: 0 Width: 4 Range: 1988 - 2008 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

If yes(Have you ever had any stillbirths? (=birth in, or after the 8th month of pregnancy, baby did not cry)), when was the last stillbirth?: Year

Others

NOTES

Available in versions -, 1

not less than YOB + 15 years or blank

must be blank if pregnant ever = 0 or stillbirth = 00 or 99 = missing or Still birth est entered

BIRFIREST: 1st birth estimate**Data file: bis_mother****Overview**

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

When did you first give birth? (live or still): Estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69

9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

BIRFIRMM: 1st birth month

Data file: bis_mother

Overview

Valid: 209 Invalid: 103

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

When did you first give birth? (live or still): Month

CATEGORIES

Value	Category	Cases	
1	January	20	9.6%
2	February	20	9.6%
3	March	21	10%
4	April	31	14.8%
5	May	16	7.7%
6	June	23	11%
7	July	20	9.6%
8	August	16	7.7%
10	October	10	4.8%
11	November	8	3.8%

12	December	24	11.5%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	0%
9	September	17	
Sysmiss		86	

BIRFIYEAR: 1st birth year

Data file: bis_mother

Overview

Valid: 244 Invalid: 68 Minimum: 1983 Maximum: 2007 Mean: 1999.266 Standard deviation: 5.134
 Type: Continuous Decimal: 0 Width: 4 Range: 1983 - 2007 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

When did you first give birth? (live or still): Year

Others

NOTES

Available in versions -, 1
 not less than YOB + 15 years or blank
 must be blank if pregant ever = 0 ; must be blank if 1st birth estimate entered

LIVEBIRTH: Live births

Data file: bis_mother

Overview

Valid: 254 Invalid: 58
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Reproductive history

LITERAL QUESTION

Have you ever had any live births?

CATEGORIES

Value	Category	Cases	
0	No	10	3.9%
1	Yes	244	96.1%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		58	

BIRLASEST: Last birth estimate

Data file: bis_mother

Overview

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

When was your last birth?: Estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63

18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

BIRLASMM: Last birth month

Data file: bis_mother

Overview

Valid: 237 Invalid: 75

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

When was your last birth?: Month

CATEGORIES

Value	Category	Cases	
1	January	21	8.9%
2	February	21	8.9%
3	March	22	9.3%
4	April	20	8.4%
5	May	16	6.8%
6	June	19	8%
7	July	18	7.6%
8	August	18	7.6%
9	September	10	4.2%
10	October	24	10.1%
11	November	27	11.4%
12	December	21	8.9%
77	Not applicable	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		75	

BIRLASYEAR: Last birth year**Data file:** bis_mother**Overview**

Valid: 244 Invalid: 68

Type: Discrete Decimal: 0 Width: 4 Range: 1996 - 2008 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

When was your last birth?: Year

Others

NOTES

Available in versions -, 1

>= YOB + 15 years or blank

must be blank if pregnant ever = 0 or Live births = 0 ; must be blank if last birth estimate entered

SAMEFATH: Same father**Data file:** bis_mother**Overview**

Valid: 241 Invalid: 71

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

Was the last born child from the same father as this pregnancy?

CATEGORIES

Value	Category	Cases	
0	No	30	12.4%
1	Yes	211	87.6%
8	Unknown	0	0%
9	Missing	3	
Sysmiss		68	

BIRLASANC: ANC last pregnancy**Data file:** bis_mother**Overview**

Valid: 242 Invalid: 70

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

Did you receive antenatal care for that last pregnancy?

CATEGORIES

Value	Category	Cases	
0	None	0	0%
1	Same	186	76.9%
2	Other	56	23.1%
3	Yes	0	0%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		68	

QUESTION POST TEXT

? If yes, which ANC did you attend?

LASTCHILD: Last child**Data file:** bis_mother**Overview**

Valid: 243 Invalid: 69

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

What happened to that last child?

CATEGORIES

Value	Category	Cases	
1	Alive	231	95.1%
2	Livebirth but died	8	3.3%

3	Stillbirth	4	1.6%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		68	

DIEDWKS: Child died weeks

Data file: bis_mother

Overview

Valid: 3 Invalid: 309

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

If child died, how old was it when it died?: Weeks

CATEGORIES

Value	Category
98	Unknown
99	Missing

DIEDMTHS: Child died months

Data file: bis_mother

Overview

Valid: 2 Invalid: 310

Type: Discrete Decimal: 0 Width: 2 Range: 4 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

If child died, how old was it when it died?: Months

CATEGORIES

Value	Category
98	Unknown
99	Missing

DIEDYRS: Child died years**Data file:** bis_mother**Overview**

Valid: 5 Invalid: 307

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

If child died, how old was it when it died?: Years

CATEGORIES

Value	Category
98	Unknown
99	Missing

BRFEDWKS: Breast fed weeks**Data file:** bis_mother**Overview**

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 1 Range: - Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long did you breastfeed your last child? : Weeks

QUESTION POST TEXT

(record in the way that the woman reports)

Others

NOTES

Available in versions -,

range 0:16

must be blank if pregnant ever = 0 or Live births = 0 or last child = 3

BRFEDMTHS: Breast fed months**Data file:** bis_mother**Overview**

Valid: 146 Invalid: 166

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long did you breastfeed your last child? : Months

CATEGORIES

Value	Category
98	Unknown
99	Missing

QUESTION POST TEXT

(record in the way that the woman reports)

BRFEDYRS: Breast fed years**Data file:** bis_mother**Overview**

Valid: 83 Invalid: 229

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long did you breastfeed your last child? : Years

CATEGORIES

Value	Category
98	Unknown
99	Missing

QUESTION POST TEXT

(record in the way that the woman reports)

BRFEDTILL: Breast fed till**Data file:** bis_mother**Overview**

Valid: 10 Invalid: 302

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long did you breastfeed your last child? : untill this Pregnancy,untill child Died

CATEGORIES

Value	Category	Cases	
1	Until this pregnancy	4	40%
2	Until child died	6	60%
3	Still breast-feeding	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		302	

QUESTION POST TEXT

(record in the way that the woman reports)

PERIODWKS: Weeks before period**Data file:** bis_mother**Overview**

Valid: 1 Invalid: 311

Type: Discrete Decimal: 0 Width: 2 Range: 2 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before your monthly periods came back?: Weeks

CATEGORIES

Value	Category
98	Unknown
99	Missing

QUESTION POST TEXT

(record in the way that the woman reports)

PERIODMTHS: Months before period

Data file: bis_mother

Overview

Valid: 183 Invalid: 129

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before your monthly periods came back?: Months

CATEGORIES

Value	Category
98	Unknown
99	Missing

QUESTION POST TEXT

(record in the way that the woman reports)

PERIODYRS: Years before period

Data file: bis_mother

Overview

Valid: 81 Invalid: 231

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before your monthly periods came back?: Years

CATEGORIES

Value	Category
98	Unknown
99	Missing

QUESTION POST TEXT

(record in the way that the woman reports)

PERIOD: No period**Data file:** bis_mother**Overview**

Valid: 4 Invalid: 308

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before your monthly periods came back?: No period

CATEGORIES

Value	Category	Cases	
0	No Period	2	50%
8	Unknown	2	50%
9	Missing	0	
Sysmiss		308	

QUESTION POST TEXT

(record in the way that the woman reports)

SEXWKS: Weeks before sex**Data file:** bis_mother**Overview**

Valid: 4 Invalid: 308

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before sexual intercourse restarted?: Weeks

CATEGORIES

Value	Category
98	Unknown
99	Missing

SEXMTHS: Months before sex**Data file:** bis_mother**Overview**

Valid: 199 Invalid: 113

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before sexual intercourse restarted?: Months

CATEGORIES

Value	Category
98	Unknown
99	Missing

SEXYRS: Years before sex**Data file:** bis_mother**Overview**

Valid: 55 Invalid: 257

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

How long was it before sexual intercourse restarted?: Years

CATEGORIES

Value	Category
98	Unknown
99	Missing

MISLABIR: Miscarriages since last birth**Data file:** bis_mother**Overview**

Valid: 242 Invalid: 70

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

After the last birth, did you have any miscarriages?

CATEGORIES

Value	Category	Cases	
0	No	237	97.9%
1	Yes	5	2.1%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		68	

CONTRABIR: Used contraception since last birth

Data file: bis_mother

Overview

Valid: 242 Invalid: 70

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

Did you use contraception since the last birth?

CATEGORIES

Value	Category	Cases	
0	No	80	33.1%
1	Yes	162	66.9%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		68	

PILL1: Pill

Data file: bis_mother

Overview

Valid: 15 Invalid: 297

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

What contraceptive methods did you use?:Pill

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	15	100%
8	Unknown	0	0%
9	Missing	147	
Sysmiss		150	

QUESTION POST TEXT

tick any method mentioned

CONDOM1: Condom

Data file: bis_mother

Overview

Valid: 49 Invalid: 263

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

What contraceptive methods did you use?: Condom

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	49	100%
8	Unknown	0	0%
9	Missing	113	
Sysmiss		150	

QUESTION POST TEXT

tick any method mentioned

WTHDRWL1: Withdrawal**Data file:** bis_mother**Overview**

Valid: 37 Invalid: 275

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

What contraceptive methods did you use?: Withdraw

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	37	100%
8	Unknown	0	0%
9	Missing	125	
Sysmiss		150	

QUESTION POST TEXT

tick any method mentioned

INJECTION1: Injection**Data file:** bis_mother**Overview**

Valid: 58 Invalid: 254

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Last birth to now

LITERAL QUESTION

What contraceptive methods did you use?: Injection

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	58	100%

8	Unknown	0	0%
9	Missing	104	
Sysmiss		150	

QUESTION POST TEXT
tick any method mentioned

CONTOTHER1: Other contraception

Data file: bis_mother

Overview

Valid: 8 Invalid: 304
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
Last birth to now

LITERAL QUESTION
What contraceptive methods did you use?: Other

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	8	100%
8	Unknown	0	0%
9	Missing	154	
Sysmiss		150	

QUESTION POST TEXT
tick any method mentioned
If other, specify:

CHILDHOME: Children at home

Data file: bis_mother

Overview

Valid: 243 Invalid: 69
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT
Child residence and survival

LITERAL QUESTION

How many of your own children live at home with you?

CATEGORIES

Value	Category
98	Unknown
99	Missing

CHILDOTHHH: Children in another h/hold

Data file: bis_mother

Overview

Valid: 243 Invalid: 69

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

How many of your own children live elsewhere?

CATEGORIES

Value	Category
98	Unknown
99	Missing

CHILDDIED: Children died

Data file: bis_mother

Overview

Valid: 243 Invalid: 69

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

How many of your own children have died? TOTAL:

CATEGORIES

Value	Category
98	Unknown

99	Missing
----	---------

PREMDIED: Premature death

Data file: bis_mother

Overview

Valid: 32 Invalid: 280

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

Born prematurely, did not survive beyond 1 week

CATEGORIES

Value	Category
98	Unknown
99	Missing

FSTWDIED: Full term died

Data file: bis_mother

Overview

Valid: 32 Invalid: 280

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

Full term, died at less than 1 week

CATEGORIES

Value	Category
98	Unknown
99	Missing

FSTMTHDIED: Died 8days-1mth

Data file: bis_mother

Overview

Valid: 34 Invalid: 278

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

Died at 8 days to 1 month

CATEGORIES

Value	Category
98	Unknown
99	Missing

FSTYDIED: Died 1mth-1yr

Data file: bis_mother

Overview

Valid: 33 Invalid: 279

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

Died at 1 month to 1 year

CATEGORIES

Value	Category
98	Unknown
99	Missing

FST4DIED: Died 1- 4yrs

Data file: bis_mother

Overview

Valid: 32 Invalid: 280

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

Died at 1 to 4 years

CATEGORIES

Value	Category
98	Unknown
99	Missing

OVER5DIED: Died 5yrs or older

Data file: bis_mother

Overview

Valid: 34 Invalid: 278

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

Child residence and survival

LITERAL QUESTION

Died at 5 years or older

CATEGORIES

Value	Category
98	Unknown
99	Missing

CONTRAEVER: Contraception ever

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever used any contraception?

CATEGORIES

Value	Category	Cases	
0	No	134	43.2%
1	Yes	176	56.8%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		2	

PILL2: Pill

Data file: bis_mother

Overview

Valid: 16 Invalid: 296

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What contraceptive methods did you use?:Pill

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	16	100%
8	Unknown	0	0%
9	Missing	160	
Sysmiss		136	

QUESTION POST TEXT

tick any method mentioned

CONDOM2: Condom

Data file: bis_mother

Overview

Valid: 56 Invalid: 256

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What contraceptive methods did you use?: Condom

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	56	100%
8	Unknown	0	0%
9	Missing	120	
Sysmiss		136	

QUESTION POST TEXT

tick any method mentioned

WTHDRWL2: Withdrawal

Data file: bis_mother

Overview

Valid: 38 Invalid: 274

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What contraceptive methods did you use?: Withdraw

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	38	100%
8	Unknown	0	0%
9	Missing	138	
Sysmiss		136	

QUESTION POST TEXT

tick any method mentioned

INJECTION2: Injection

Data file: bis_mother

Overview

Valid: 67 Invalid: 245

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What contraceptive methods did you use?: Injection

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	67	100%
8	Unknown	0	0%
9	Missing	109	
Sysmiss		136	

QUESTION POST TEXT

tick any method mentioned

CONTOTHER2: Other contraception

Data file: bis_mother

Overview

Valid: 8 Invalid: 304

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What contraceptive methods did you use?: Other

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	8	100%
8	Unknown	0	0%
9	Missing	168	
Sysmiss		136	

QUESTION POST TEXT

tick any method mentioned,
If other, specify:

CONTRECENT: Contraception recently

Data file: bis_mother

Overview

Valid: 175 Invalid: 137

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you use contraception in the time leading up to this pregnancy?

CATEGORIES

Value	Category	Cases	
0	No	14	8%
1	Yes	161	92%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		136	

CONTRFAIL: Contraception stopped/fail

Data file: bis_mother

Overview

Valid: 161 Invalid: 151

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If contraception used just before this pregnancy, did you stop using it or did it fail?

CATEGORIES

Value	Category	Cases	
1	Stop	151	93.8%
2	Fail	10	6.2%
8	Unknown	0	0%
9	Missing	15	
Sysmiss		136	

COUGH: Cough

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Do you have a cough?

CATEGORIES

Value	Category	Cases	
0	No	288	92.9%
1	Yes	22	7.1%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		2	

COUWEEKS: Cough weeks

Data file: bis_mother

Overview

Valid: 21 Invalid: 291

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Duration of cough, State number of days/weeks/months (specify)

CATEGORIES

Value	Category
98	Unknown
99	Missing

COUGHMM: Cough month

Data file: bis_mother

Overview

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Duration of cough (if more than 2 months, give MM/YYYY when cough started): Month

CATEGORIES

Value	Category
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
10	October
11	November
12	December
77	Not applicable
98	Unknown
99	Missing
Sysmiss	

COUGHYY: Cough year

Data file: bis_mother

Overview

Valid: 1 Invalid: 311

Type: Discrete Decimal: 0 Width: 4 Range: 1985 - 1985 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Duration of cough (if more than 2 months, give MM/YYYY when cough started): Year

Others

NOTES

Available in versions -, 1

must be blank if Cough <> 1 ; must be entered if Cough month entered

REFERLCA: Referred to LCA/MA

Data file: bis_mother

Overview

Valid: 2 Invalid: 310

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

If cough longer than 3 weeks or TB-suspect on other grounds: Referred to MA / LCA for investigation

CATEGORIES

Value	Category	Cases	
0	No	2	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		310	

TBRX: Previously treated for TB

Data file: bis_mother

Overview

Valid: 309 Invalid: 3

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Have you ever been treated for TB before:

CATEGORIES

Value	Category	Cases	
0	No	306	99%
1	Yes	3	1%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		2	

TBRXEST: Treatment est**Data file:** bis_mother**Overview**

Valid: 0 Invalid: 312

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

If yes(Have you ever been treated for TB before:), in which year?: Estimate

CATEGORIES

Value	Category
0	???
1	1890-99
2	1900-09
3	1910-19
4	1920-29
5	1930-39
6	1940-49
7	1950-59
8	1960-69
9	1970-79
10	1980-89
11	1990-99
12	<1900
13	1900-13
14	1914-33
15	1934-45
16	1946-57
17	1958-63
18	>1964
97	Not applicable
98	Unknown
99	Missing
Sysmiss	

TBRXYR: Treatment year

Data file: bis_mother

Overview

Valid: 3 Invalid: 309 Minimum: 1984 Maximum: 2006 Mean: 1998 Standard deviation: 12.166
 Type: Continuous Decimal: 0 Width: 4 Range: 1984 - 2006 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

If yes(Have you ever been treated for TB before:), in which year?: Year

Others

NOTES

Available in versions -, 1

YOB - current year or blank

must be blank if Previous TB treatment <> 1 or treatment estimate entered

TBRXPLACE: Where previously Treated

Data file: bis_mother

Overview

Valid: 3 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Where were you treated?

Others

NOTES

Available in versions -, 1

valid code in val_village > 5999, 1000 or blank

must be entered if Previous TB treatment 1 ; must be blank if Previous TB treatment <> 1

SKIN: Skin complaint

Data file: bis_mother

Overview

Valid: 308 Invalid: 4

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

TB case finding

LITERAL QUESTION

Do you have any skin complaint:

CATEGORIES

Value	Category	Cases	
0	No	303	98.4%
1	Yes	5	1.6%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		2	

QUESTION POST TEXT

If yes, refer to LCA for GP form and examination at end of this interview

BCGSCAR1: BCG scar1**Data file:** bis_mother**Overview**

Valid: 308 Invalid: 4

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG scar survey

LITERAL QUESTION

BCG scar 1: Classify

CATEGORIES

Value	Category	Cases	
0	None	33	10.7%
1	Yes	256	83.1%
2	Doubtful	18	5.8%
3	Not examined	1	0.3%
4	Blind review	0	0%
8	Unknown	0	0%

9	Missing	2	
Sysmiss		2	

BCGSIZE1: BCG size1**Data file:** bis_mother**Overview**

Valid: 274 Invalid: 38 Minimum: 2 Maximum: 28 Mean: 8.212 Standard deviation: 4.117
 Type: Continuous Decimal: 0 Width: 2 Range: 2 - 28 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG scar survey

LITERAL QUESTION

BCG scar 1: size (mm x mm)

Others

NOTES

Available in versions -, 1

range 1:50

must be blank if first BCG scar 2, 4, 9 = missing or blank

Prompt if size > 25

BCGSCAR2: BCG scar2**Data file:** bis_mother**Overview**

Valid: 274 Invalid: 38
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG scar survey

LITERAL QUESTION

BCG scar 2: Classify

CATEGORIES

Value	Category	Cases	
0	None	224	81.8%
1	Yes	41	15%
2	Doubtful	6	2.2%

3	Not examined	3	1.1%
4	Blind review	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		38	

BCGsize2: BCGsize2**Data file:** bis_mother**Overview**

Valid: 47 Invalid: 265

Type: Discrete Decimal: 0 Width: 2 Range: 2 - 19 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG scar survey

LITERAL QUESTION

BCG scar 2: size (mm x mm)

Others

NOTES

Available in versions -, 1

range 1:50

must be blank if second BCG scar 2 or 4 or blank

Prompt if size > 25

BCGscar3: BCG scar3**Data file:** bis_mother**Overview**

Valid: 47 Invalid: 265

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG scar survey

LITERAL QUESTION

BCG scar 3: Classify

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0	None	44	93.6%
1	Yes	2	4.3%
2	Doubtful	0	0%
3	Not examined	1	2.1%
4	Blind review	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		265	

BCGSIZE3: BCG size3

Data file: bis_mother

Overview

Valid: 2 Invalid: 310

Type: Discrete Decimal: 0 Width: 2 Range: 5 - 10 Format: Numeric

Questions and instructions

QUESTION PRETEXT

BCG scar survey

LITERAL QUESTION

BCG scar 3: size (mm x mm)

Others

NOTES

Available in versions -, 1

range 1:50

must be blank if third BCG scar 2 or 4 or blank

Prompt if size > 25

MEDTX: Medical help

Data file: bis_mother

Overview

Valid: 308 Invalid: 4

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you sought any medical help during this pregnancy?

CATEGORIES

Value	Category	Cases	
0	None	235	76.3%
1	Health Centre	64	20.8%
2	KPS	0	0%
3	Private Clinic	3	1%
4	Traditional Healer	6	1.9%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		2	

QUESTION POST TEXT

If yes, record details of symptoms and treatment

MALARIA: Malaria**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you taken treatment for malaria during this pregnancy

CATEGORIES

Value	Category	Cases	
0	No	244	78.7%
1	Yes	66	21.3%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		2	

QUESTION POST TEXT

If yes to malaria or worms, give details:

WORMS: Worms**Data file:** bis_mother**Overview**

Valid: 309 Invalid: 3

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you taken treatment for worms/filariasis recently:

CATEGORIES

Value	Category	Cases	
0	No	301	97.4%
1	Yes	8	2.6%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		2	

QUESTION POST TEXT

If yes to malaria or worms, give details:

WEIGHT: Weight

Data file: bis_mother

Overview

Valid: 312 Invalid: 0 Minimum: 0 Maximum: 82.6 Mean: 56.777 Standard deviation: 8.705
Type: Continuous Decimal: 0 Width: 4 Range: 0 - 82.6 Format: Numeric

Questions and instructions

QUESTION PRETEXT EXAMINATION

LITERAL QUESTION
Weight (kg)

Others

NOTES

Available in versions -, 1
range 0:150

HEIGHT: Height

Data file: bis_mother

Overview

Valid: 312 Invalid: 0 Minimum: 0 Maximum: 172.5 Mean: 154.212 Standard deviation: 20.575
Type: Continuous Decimal: 0 Width: 5 Range: 0 - 172.5 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Height(cm)

Others

NOTES
Available in versions -, 1
range 40:200

SYSTBP: Systolic

Data file: bis_mother

Overview

Valid: 310 Invalid: 2
Type: Discrete Decimal: 0 Width: 3 Range: 86 - 999 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Blood pressure: systolic

CATEGORIES

Value	Category
998	Unknown
999	Missing

DIASTBP: Diastolic

Data file: bis_mother

Overview

Valid: 310 Invalid: 2
Type: Discrete Decimal: 0 Width: 3 Range: 45 - 999 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION

Blood pressure: diastolic

CATEGORIES

Value	Category
998	Unknown
999	Missing

FHEART: Fetal heart

Data file: bis_mother

Overview

Valid: 304 Invalid: 8

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Fetal heart heard

CATEGORIES

Value	Category	Cases	
0	No	29	9.5%
1	Yes	275	90.5%
8	Unknown	0	0%
9	Missing	6	
Sysmiss		2	

ESTGES: Estimated gestational Age

Data file: bis_mother

Overview

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 10 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Estimated gestational age (from examination):

CATEGORIES

Value	Category
98	Unknown
99	Missing

BLOODEDTA: Blood EDTA**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Blood EDTA

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	310	100%
2	Unable to assess	0	0%
3	Refused	0	0%
9	Missing	0	
Sysmiss		2	

BLOODNOCO: Blood no coag**Data file:** bis_mother**Overview**

Valid: 309 Invalid: 3

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Blood No anticoagulant:

CATEGORIES

Value	Category	Cases	
0	No	55	17.8%
1	Yes	254	82.2%
2	Unable to assess	0	0%

3	Refused	0	0%
9	Missing	1	
Sysmiss		2	

BLOODHEP: Blood heparin

Data file: bis_mother

Overview

Valid: 302 Invalid: 10

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Blood heparin:

CATEGORIES

Value	Category	Cases	
0	No	302	100%
1	Yes	0	0%
2	Unable to assess	0	0%
3	Refused	0	0%
9	Missing	8	
Sysmiss		2	

STOOL: Stool

Data file: bis_mother

Overview

Valid: 302 Invalid: 10

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Stool specimen:

CATEGORIES

Value	Category	Cases	
0	No	302	100%
1	Yes	0	0%
2	Unable to assess	0	0%

3	Refused	0	0%
9	Missing	8	
Sysmiss		2	

URINE: Urine**Data file:** bis_mother**Overview**

Valid: 302 Invalid: 10

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Urine specimen

CATEGORIES

Value	Category	Cases	
0	No	302	100%
1	Yes	0	0%
2	Unable to assess	0	0%
3	Refused	0	0%
9	Missing	8	
Sysmiss		2	

CNO: Contact number**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Set no

Others

NOTES

Available in versions -, 1

valid CNO or old specset or XXXXXX-X = missing or blank

OLDSPECSET: old specset**Data file:** bis_mother**Overview**

Valid: 310 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Set no

Others

NOTES

Available in versions -, 1

CONSENT: Consent**Data file:** bis_mother**Overview**

Valid: 312 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Consent form signed:

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	312	100%
2	Unable to assess	0	0%
3	Refused	0	0%
9	Missing	0	

QUESTION POST TEXT

If Unable to sign use thumb print If Refused do not recruit for study

INTDATE: Interview date**Data file:** bis_mother

Overview

Valid: 310 Minimum: 2007-02-19 Maximum: 2009-12-07
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date interview/examination:

Others

NOTES

Available in versions -, 1

RCDR: Recorder

Data file: bis_mother

Overview

Valid: 312 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code

Others

NOTES

Available in versions -, 1

RCDR2: 2nd recorder

Data file: bis_mother

Overview

Valid: 58 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code

Others

NOTES

Available in versions -, 1

CODR: Coder

Data file: bis_mother

Overview

Valid: 312 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1

valid code in val_staff

CHKR: Checker

Data file: bis_mother

Overview

Valid: 312 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Level1 Checker

Others

NOTES

Available in versions -, 1

valid code in val_staff or blank

REASON: Reason

Data file: bis_mother

Overview

Valid: 43 Invalid: 269

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Reason for withdrawal of mother/baby pair from study

CATEGORIES

Value	Category	Cases	
1	Miscarriage	1	2.3%
2	Prem labour death of baby	1	2.3%
3	In-utero death	3	7%
4	Stillbirth	0	0%
5	Baby died within 24 hours	0	0%
6	Maternal death	1	2.3%
7	Mother moved from area	5	11.6%
8	Consent withdrawn	1	2.3%
9	Other	31	72.1%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		269	

WVIL: Current village

Data file: bis_mother

Overview

Valid: 43 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village

Others

NOTES

Available in versions -, 1

WINTDATE: Interview date

Data file: bis_mother

Overview

Valid: 43 Minimum: 2007-04-04 Maximum: 2010-04-14
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date interview:

Others

NOTES

Available in versions -, 1

WRCDR: Recoder

Data file: bis_mother

Overview

Valid: 43 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code

Others

NOTES

Available in versions -, 1

WCODR: Coder

Data file: bis_mother

Overview

Valid: 43 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1
valid code in val_staff

WCHKR: Checker

Data file: bis_mother

Overview

Valid: 43 Invalid: 0
Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Level2 Checker

Others

NOTES

Available in versions -, 1
valid code in val_staff or blank

ENTRYBY: Entry By

Data file: bis_mother

Overview

Valid: 312 Invalid: 0
Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry by

Others

NOTES

Available in versions -, 1

UPDATEBY: update By

Data file: bis_mother

Overview

Valid: 165 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update by

Others

NOTES

Available in versions -, 1

ENTRYDATE: Entry date

Data file: bis_mother

Overview

Valid: 312 Minimum: 2007-03-08 Maximum: 2009-12-15
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry date

UPDATEDATE: Update date

Data file: bis_mother

Overview

Valid: 165 Minimum: 2007-03-14 Maximum: 2010-12-06
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update date

VERIFIED: Verified

Data file: bis_mother

Overview

Valid: 312 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Verified

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	312	100%
8	Unknown	0	0%
9	Missing	0	

VERSION: Version**Data file:** bis_review**Overview**

Valid: 225 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

LITERAL QUESTION

Version

Others

NOTES

range 1:2

REVMO: Review month**Data file:** bis_review**Overview**

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 2 Range: 3 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Review month

CATEGORIES

Value	Category
98	Unknown
99	Missing

IDENT: Main Unique Identifier in Karonga**Data file:** bis_review**Overview**

Valid: 225 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1, 2
valid ident
must not begin 75 or 76

ORIGID: Original ident in Karonga

Data file: bis_review

Overview

Valid: 225 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Baby name

Others

NOTES

Available in versions -, 1, 2
valid ident
must not begin 75 or 76

HEADNAME: Name of head

Data file: bis_review

Overview

Valid: 225 Invalid: 0
Type: Discrete Width: 35 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Household

Others

NOTES

Available in versions -, 1, 2
text must be entered

CURVIL: Current village**Data file:** bis_review**Overview**

Valid: 225 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village

Others

NOTES

Available in versions -, 1, 2

valid code in val_village

BABYWELL: Babywell**Data file:** bis_review**Overview**

Valid: 225 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is baby well

CATEGORIES

Value	Category	Cases	
0	No	1	0.4%
1	Yes	224	99.6%
8	Unknown	0	0%
9	Missing	0	

QUESTION POST TEXT

If N go to BIS6 form and complete interviewer details at bottom of this form

If Y continue

BMILKFED: Breastmilk**Data file:** bis_review

Overview

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

FEEDING PRACTICES

LITERAL QUESTION

What are you currently feeding your baby?: breast milk

CATEGORIES

Value	Category	Cases	
0	No	3	1.3%
1	Yes	220	98.7%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

QUESTION POST TEXT

List all food items used

FORMLFED: Formula feed

Data file: bis_review

Overview

Valid: 221 Invalid: 4

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

FEEDING PRACTICES

LITERAL QUESTION

What are you currently feeding your baby?: formula feed

CATEGORIES

Value	Category	Cases	
0	No	191	86.4%
1	Yes	30	13.6%
8	Unknown	0	0%
9	Missing	3	
Sysmiss		1	

QUESTION POST TEXT

List all food items used

FORMAGE: Age formula introduced**Data file:** bis_review**Overview**

Valid: 30 Invalid: 195

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICESLITERAL QUESTION
Specify age at introduction: formula feed

CATEGORIES

Value	Category
98	Unknown
99	Missing

BARAFED: Bara**Data file:** bis_review**Overview**

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICESLITERAL QUESTION
What are you currently feeding your baby?: thick porridge (bara)

CATEGORIES

Value	Category	Cases	
0	No	116	52%
1	Yes	107	48%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

QUESTION POST TEXT

List all food items used

BARAAGE: Age bara introduced**Data file:** bis_review**Overview**

Valid: 107 Invalid: 118

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICES

LITERAL QUESTION

Specify age at introduction: thick porridge (bara)

CATEGORIES

Value	Category
98	Unknown
99	Missing

DAWALFED: Dawale**Data file:** bis_review**Overview**

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICES

LITERAL QUESTION

What are you currently feeding your baby?: thin porridge (dawale)

CATEGORIES

Value	Category	Cases	
0	No	104	46.6%
1	Yes	119	53.4%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

QUESTION POST TEXT

List all food items used

DAWALAGE: Age dawale introduced**Data file:** bis_review**Overview**

Valid: 119 Invalid: 106

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICES

LITERAL QUESTION

Specify age at introduction: thin porridge (dawale)

CATEGORIES

Value	Category
98	Unknown
99	Missing

WATERFED: Water**Data file:** bis_review**Overview**

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICES

LITERAL QUESTION

What are you currently feeding your baby?: Water

CATEGORIES

Value	Category	Cases	
0	No	86	38.6%
1	Yes	137	61.4%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

QUESTION POST TEXT

List all food items used

WATERAGE: Age Water introduced**Data file:** bis_review**Overview**

Valid: 135 Invalid: 90

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICESLITERAL QUESTION
Specify age at introduction: Water

CATEGORIES

Value	Category
98	Unknown
99	Missing

SOLIDFED: Solids**Data file:** bis_review**Overview**

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICESLITERAL QUESTION
What are you currently feeding your baby?: solids (nsima, fruit, relish etc)

CATEGORIES

Value	Category	Cases	
0	No	123	55.2%
1	Yes	100	44.8%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

QUESTION POST TEXT

List all food items used

SOLIDAGE: Age solids introduced**Data file:** bis_review**Overview**

Valid: 98 Invalid: 127

Type: Discrete Decimal: 0 Width: 2 Range: 3 - 99 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICES

LITERAL QUESTION

Specify age at introduction: solids (nsima, fruit, relish etc)

CATEGORIES

Value	Category
98	Unknown
99	Missing

OTHERFED: Other**Data file:** bis_review**Overview**

Valid: 222 Invalid: 3

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
FEEDING PRACTICES

LITERAL QUESTION

What are you currently feeding your baby?: Other

CATEGORIES

Value	Category	Cases	
0	No	210	94.6%
1	Yes	12	5.4%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		1	

QUESTION POST TEXT

List all food items used
specify which item if other

OTHERAGE: Age other food introduced

Data file: bis_review

Overview

Valid: 12 Invalid: 213

Type: Discrete Decimal: 0 Width: 2 Range: 3 - 99 Format: Numeric

Questions and instructions

QUESTION PRETEXT

FEEDING PRACTICES

LITERAL QUESTION

Specify age at introduction: Other

CATEGORIES

Value	Category
98	Unknown
99	Missing

WEIGHT: Weight

Data file: bis_review

Overview

Valid: 224 Invalid: 1 Minimum: 0 Maximum: 18 Mean: 7.841 Standard deviation: 2.015

Type: Continuous Decimal: 0 Width: 2 Range: 0 - 18 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Weight (kg)

Others

NOTES

Available in versions -, 1, 2

range 2.00:25.0 ; 0.00 = Missing

must be blank if baby well 0

LENGTH: Length**Data file:** bis_review**Overview**

Valid: 222 Invalid: 3 Minimum: 0 Maximum: 79.5 Mean: 65.918 Standard deviation: 8.128
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 79.5 Format: Numeric

Questions and instructions

QUESTION PRETEXT
 EXAMINATION

LITERAL QUESTION
 Length(cm)

Others

NOTES
 Available in versions -, 1, 2
 range 50.0:100.0 ; 0.00 = Missing
 must be blank if baby well 0

HDCIRC: Head circumference**Data file:** bis_review**Overview**

Valid: 222 Invalid: 3 Minimum: 0 Maximum: 51.5 Mean: 42.971 Standard deviation: 5.034
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 51.5 Format: Numeric

Questions and instructions

QUESTION PRETEXT
 EXAMINATION

LITERAL QUESTION
 Head circumference (cm)

Others

NOTES
 Available in versions -, 1, 2
 range 50.0:80.0 ; 0.00 = Missing
 must be blank if baby well 0

ARMCIRC: Arm circumference**Data file:** bis_review

Overview

Valid: 222 Invalid: 3 Minimum: 0 Maximum: 21.6 Mean: 14.045 Standard deviation: 2.166
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 21.6 Format: Numeric

Questions and instructions

QUESTION PRETEXT
 EXAMINATION

LITERAL QUESTION
 Mid upper arm circumference (cm)

Others

NOTES
 Available in versions -, 1, 2
 range 5.00:30.00 ; 0.00 = Missing
 must be blank if baby well 0

TEMP: Temperature

Data file: bis_review

Overview

Valid: 224 Invalid: 1 Minimum: 0 Maximum: 38.5 Mean: 36.291 Standard deviation: 2.485
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 38.5 Format: Numeric

Questions and instructions

QUESTION PRETEXT
 EXAMINATION

LITERAL QUESTION
 Temperature (°C)

Others

NOTES
 Available in versions -, 1, 2
 range 34.00:42.00 ; 0.00 = Missing
 must be blank if baby well 0

HSMEGAL: Hepatosplenomegaly

Data file: bis_review

Overview

Valid: 224 Invalid: 1
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Hepatosplenomegaly

CATEGORIES

Value	Category	Cases	
0	No	223	99.6%
1	Yes	1	0.4%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

MLN: Lymphadenopathy

Data file: bis_review

Overview

Valid: 224 Invalid: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Lymphadenopathy

CATEGORIES

Value	Category	Cases	
0	No	224	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

LNAX: Axillary

Data file: bis_review

Overview

Valid: 0 Invalid: 225

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
EXAMINATIONLITERAL QUESTION
Details if Y(Lymphadenopathy): axillary

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing
Sysmiss	

LNCERV: Cervical**Data file:** bis_review**Overview**

Valid: 0 Invalid: 225

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
EXAMINATIONLITERAL QUESTION
Details if Y(Lymphadenopathy): cervical

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing
Sysmiss	

LNING: Inguinal**Data file:** bis_review

Overview

Valid: 0 Invalid: 225

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Details if Y(Lymphadenopathy): inguinal

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing
Sysmiss	

CVSEXAM: Cardiovascular system

Data file: bis_review

Overview

Valid: 224 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

EXAMINATION

LITERAL QUESTION

Cardiovascular system normal

CATEGORIES

Value	Category	Cases	
0	No	1	0.4%
1	Yes	223	99.6%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

QUESTION POST TEXT

if N, give details

RSEXAM: Respiratory system**Data file:** bis_review**Overview**

Valid: 224 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
EXAMINATIONLITERAL QUESTION
Respiratory system normal

CATEGORIES

Value	Category	Cases	
0	No	1	0.4%
1	Yes	223	99.6%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

QUESTION POST TEXT
if N, give details**CNSEXAM: Central nervous system****Data file:** bis_review**Overview**

Valid: 224 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructionsQUESTION PRETEXT
EXAMINATIONLITERAL QUESTION
Central nervous system normal

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	224	100%

8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

QUESTION POST TEXT
if N, give details

OTHEREXAM: Other abnormality

Data file: bis_review

Overview

Valid: 224 Invalid: 1
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
EXAMINATION

LITERAL QUESTION
Any other abnormalities (eg skin, skeletal)

CATEGORIES

Value	Category	Cases	
0	No	217	96.9%
1	Yes	7	3.1%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

QUESTION POST TEXT
if Y, give details

PAXGENE: PaxGene blood

Data file: bis_review

Overview

Valid: 216 Invalid: 9
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
SAMPLES COLLECTED

LITERAL QUESTION

PaxGene blood:

CATEGORIES

Value	Category	Cases	
0	No	118	54.6%
1	Yes	97	44.9%
2	Unable to assess	0	0%
3	Refused	1	0.5%
9	Missing	8	
Sysmiss		1	

HEPAR: Heparin

Data file: bis_review

Overview

Valid: 224 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT

SAMPLES COLLECTED

LITERAL QUESTION

Heparin blood:

CATEGORIES

Value	Category	Cases	
0	No	1	0.4%
1	Yes	220	98.2%
2	Unable to assess	2	0.9%
3	Refused	1	0.4%
9	Missing	0	
Sysmiss		1	

CNO: Contact no.

Data file: bis_review

Overview

Valid: 221 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

QUESTION PRETEXT
SAMPLES COLLECTED

LITERAL QUESTION
Contact no.

Others

NOTES
Available in versions -, 1, 2
must be blank if baby well 0

OLDSPECSET: old specset

Data file: bis_review

Overview

Valid: 221 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

QUESTION PRETEXT
SAMPLES COLLECTED

LITERAL QUESTION
Specimen set number

Others

NOTES
Available in versions -, 1, 2

BLODTAKN: No samples taken

Data file: bis_review

Overview

Valid: 4 Invalid: 221
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

QUESTION PRETEXT
SAMPLES COLLECTED

LITERAL QUESTION

If no blood samples collected today why not:

CATEGORIES

Value	Category	Cases	
1	Bleeding deferred	0	0%
2	Unable to obtain blood from venepuncture	3	75%
3	Other	1	25%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		221	

SCARLES: BCG scar/lesion

Data file: bis_review

Overview

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

BCG scar/lesion examined:

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	223	100%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

GLM: GLM

Data file: bis_review

Overview

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Lesion monitoring form (GLM) filled:

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	223	100%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

MANTOUX: Skintest done

Data file: bis_review

Overview

Valid: 224 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Skin test done:

CATEGORIES

Value	Category	Cases	
0	No	4	1.8%
1	Yes	220	98.2%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

STFORM: Skintest form

Data file: bis_review

Overview

Valid: 224 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Skin test form (GST) filled:

CATEGORIES

Value	Category	Cases	
0	No	4	1.8%

1	Yes	220	98.2%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

REPTHIV: Mother had a repeat HIV test

Data file: bis_review

Overview

Valid: 151 Invalid: 74

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Has the mother had a repeat HIV test?

CATEGORIES

Value	Category	Cases	
0	No	5	3.3%
1	Yes	146	96.7%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		74	

QUESTION POST TEXT

If No repeat HIV test why not?

BABAGE: Older than 6 months

Data file: bis_review

Overview

Valid: 223 Invalid: 2

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is baby older than 6 months?

CATEGORIES

Value	Category	Cases	
0	No	121	54.3%

1	Yes	102	45.7%
8	Unknown	0	0%
9	Missing	1	
Sysmiss		1	

VITASUP: Vitamin supplement

Data file: bis_review

Overview

Valid: 102 Invalid: 123

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If Y(Is baby older than 6 months?), has Vitamin A supplementation been given?

CATEGORIES

Value	Category	Cases	
0	No	3	2.9%
1	Yes	99	97.1%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		123	

VITAREAS: Vitamin reason

Data file: bis_review

Overview

Valid: 1 Invalid: 224

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If No Vit A given why not?

CATEGORIES

Value	Category	Cases	
1	Out of Stock	0	0%
2	Missed	1	100%
3	Refused	0	0%

4	Other	0	0%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		224	

INTDATE: Interview date**Data file:** bis_review**Overview**

Valid: 225 Minimum: 2007-06-13 Maximum: 2010-07-07

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of examination:

Others

NOTES

Available in versions -, 1, 2

01/02/2007 – current date

RCDR: Recorder**Data file:** bis_review**Overview**

Valid: 225 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Staff code

Others

NOTES

Available in versions -, 1, 2

CODR: Coder**Data file:** bis_review

Overview

Valid: 225 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Coder

Others

NOTES

Available in versions -, 1, 2
 valid code in val_staff

CHKR: Checker

Data file: bis_review

Overview

Valid: 225 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Level2 Checker

Others

NOTES

Available in versions -, 1, 2
 valid code in val_staff or blank

ENTRYBY: Entry by

Data file: bis_review

Overview

Valid: 225 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry by

Others

NOTES

Available in versions -, 1, 2

UPDATEBY: Updated by

Data file: bis_review

Overview

Valid: 69 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Updated by

Others

NOTES

Available in versions -, 1, 2

ENTRYDATE: Entry date

Data file: bis_review

Overview

Valid: 225 Minimum: 2007-06-18 Maximum: 2010-07-08

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Entry date

Others

NOTES

Available in versions -, 1, 2

UPDATEDATE: Update date

Data file: bis_review

Overview

Valid: 69 Minimum: 2007-08-30 Maximum: 2011-11-16
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Update date

Others

NOTES

Available in versions -, 1, 2

 VERIFIED: Verified**Data file: bis_review****Overview**

Valid: 225 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Verified

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	225	100%
8	Unknown	0	0%
9	Missing	0	