

INDIVIDUAL RECODE DOCUMENTATION

Liberia MIS (DHS-VI)

Version 1 Doc 01

LB6

Name of Survey Liberia Malaria Indicator Survey 2011

Executing Agency National Malaria Control Program

Year of fieldwork 2011

Universe All women 15-49

Coverage National

Size

Households:	4,162 completed	
Women:	3,939 completed	(15-49 years of age)
Children <60m	3,319	3,034 (Weighted)
Births	3,918	3,600 (Weighted)
Members	19,469	19,072 (Weighted)

Weights

Contents MIS: Mosquito bed nets. Hemoglobin, RDT, and microscopy testing for children in households between 6 and 59 months old. Pregnancy and intermittent treatment for most recent birth less than 60 months old. Fever in children for all births less than 60 months old. Women's knowledge of malaria.

Language English

Anthropometry No

Calendar No

Supplementary

Data Files Household, Individual Recode

Recode Structure MEASURE DHS VI

**Maximum entries
in household schedule:** 27

SECTIONS AND VARIABLES UNUSED (Not Applicable)

Household

<u>RECH0</u>	HV011	HV027	HV028	HV031	HV041	HV044
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<u>RECH1</u>	HV106	HV107	HV108	HV109	HV110	HV111
	HV112	HV113	HV114	HV115	HV116	HV118
	HV121	HV122	HV123	HV124	HV125	HV126
	HV127	HV128	HV129	HV140		

<u>RECH2</u>	HV202	HV221	HV230A	HV230B	HV232	HV232B
	HV232C	HV232D	HV232E	HV232Y	HV234	HV234A
	HV236	HV237	HV237A	HV237B	HV237C	HV237D
	HV237E	HV237F	HV237G	HV237H	HV237I	HV237J
	HV237K	HV237X	HV237Z	HV239	HV240	HV241
	HV242	HV243C	HV243D	HV245	HV246A	HV246C
	HV246H	HV246I	HV246J	HV246K	HV252	HV253D
	HV253E	HV253F	HV253G	HV253H		

<u>RECH5</u>	All variables removed. Section not included in recode file.					
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<u>RECH6</u>	HC2	HC3	HC4	HC5	HC6	HC7
	HC8	HC9	HC10	HC11	HC12	HC13
	HC15	HC58				

<u>RECHMA</u>	All variables removed. Section not included in recode file.					
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<u>RECHML</u>	HMLE					
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<u>RECHMH</u>	HML32A HML32G	HML32B	HML32C	HML32D	HML32E	HML32F
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Women

<u>REC01</u>	V017 V044	V018	V019	V019A	V031	V034
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<u>REC11</u>	V103	V104	V105	V141	V153	V155
	V156	V157	V158	V159	V166	V167
	V168					

<u>REC21</u>	B6	B7	B13			
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<u>REC22</u>	V211	V212	V215	V216	V217	V221
	V222	V225	V226	V227	V228	V229
	V230	V231	V232	V233	V234	V235
	V239	V240	V241	V242	V243	

<u>REC31</u>	All variables removed. Section not included in recode file.					
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<u>REC32</u>	All variables removed. Section not included in recode file.					
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<u>REC41</u>	M1	M1A	M1B	M1C	M1D	M1E
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M2D	M2E	M2F	M2H	M2I	M2J
M2L	M2M	M3A	M3B	M3C	M3D
M3E	M3F	M3G	M3H	M3I	M3J
M3K	M3L	M3M	M3N	M4	M5
M6	M7	M8	M9	M10	M11
M13	M14	M15	M17	M18	M19
M19A	M27	M28	M29	M34	M35
M36	M38	M39A	M39	M42A	M42B
M42C	M42D	M42E	M43	M44	M45
M46	M47	M48	M49G	M50	M51
M52	M54	M55A	M55B	M55C	M55D
M55E	M55F	M55G	M55H	M55I	M55J
M55K	M55L	M55M	M55N	M55O	M55X
M55Z	M57A	M57B	M57C	M57D	M57E
M57F	M57G	M57H	M57I	M57J	M57K
M57L	M57M	M57N	M57O	M57P	M57Q
M57R	M57S	M57T	M57U	M57V	M57X
M60	M61	M62	M65A	M65B	M65C
M65D	M65E	M65F	M65G	M65H	M65I
M65J	M65K	M65L	M65X	M66	M70
M71	M72	M73			

<u>REC42</u>	All variables removed with the exception of: V459 V460 V461			V417 V468	V418	V419
<u>REC43</u>	H31	H31B	H31C	H31D	H31E	H32G
	H32H	H32I	H32P	H32Q	H32R	H32W
	H33	H33D	H33M	H33Y	H34	H35
	H36A	H36B	H36C	H36D	H36E	H36F
	H37A	H37B	H37C	H37D	H37E	H37F
	H37G	H37H	H37I	H37J	H37K	H37L
	H37M	H37N	H37O	H37P	H37X	H37Y
	H37Z	H38	H39	H40	H40D	H40M
	H40Y	H41A	H41B	H42	H43	H44A
	H44B	H44C	H45	H46B		
<u>REC44</u>	All variables removed with the exception of: HW17 HW18 HW19			HWIDX HW51	HW1 HW52	HW16 HW53
	HW55	HW56	HW57	HW58		
<u>REC51</u>	All variables removed. Section not included in recode file.					
<u>REC61</u>	All variables removed. Section not included in recode file.					
<u>REC71</u>	All variables removed. Section not included in recode file.					
<u>REC75</u>	All variables removed. Section not included in recode file.					
<u>REC80</u>	All variables removed. Section not included in recode file.					
<u>REC81</u>	V811 V815C	V812	V813	V814	V815A	V815B
<u>REC82</u>	All variables removed. Section not included in recode file.					
<u>REC83</u>	All variables removed. Section not included in recode file.					

REC84 All variables removed. Section not included in recode file.

<u>RECM</u>	ML11	ML12	ML13F	ML13G	ML13O	ML13P
	ML14A	ML14B	ML14Y	ML14Z	ML15B	ML15C
	ML16B	ML16C	ML17B	ML17C	ML18B	ML18C
	ML19A	ML19B	ML19C	ML19D	ML19E	ML19F
	ML19X	ML19Y	ML19Z	ML20B	ML20C	ML21A
	ML21B	ML21C	ML22A	ML22B	ML22C	ML23B
	ML23C	ML24C				

RECDV All variables removed. Section not included in recode file.

RECG1 All variables removed. Section not included in recode file.

RECG2 All variables removed. Section not included in recode file.

SECTIONS/VARIABLES ADDED

Household:

RECH3 Household country-specific

SHCNTY	County
SHDIST	District
SHTYPE	Type of place of residence
SH107B	Household has generator
SH107F	Household has table
SH107G	Household has chairs
SH107H	Household has cupboard
SH107I	Household has mattress
SH107J	Household has sewing machine
SH107L	Household has computer
SH113E	Household has boat or canoe
SH121A	Reason for no mosquito net in household: No mosquitoes
SH121B	Reason for no mosquito net in household: Not available
SH121C	Reason for no mosquito net in household: Don't like to use nets
SH121D	Reason for no mosquito net in household: Too expensive
SH121E	Reason for no mosquito net in household: Absent for/did not receive during distribution
SH121F	Reason for no mosquito net in household: Net spoiled
SH121X	Reason for no mosquito net in household: Other
SHCWGHT	Child malaria testing weight

RECH4 Household schedule country-specific

SH10	Household member sick with fever in the last 4 weeks
SH11	Household member received treatment for fever in last 4 weeks
SH12	Where household member went for treatment in last 4 weeks
SH13	How much the treatment cost for the household member

RECHML	Mosquito nets country-specific
SH123	Shown nets
SH125	Purchased net or net was free
SH126	Where free net was received from
SH127	How much paid for net
SH128	Where net was bought
REC91	Country specific variables
SCNTY	County
SDIST	District
STYPE	Place of residence
S107B	Household has a generator
S107F	Household has a table
S107G	Household has chairs
S107H	Household has a cupboard
S107I	Household has a mattress
S107J	Household has a sewing machine
S107L	Household has a computer
S113E	Household has a boat or canoe
S210	Total births in the last 6 years (response from respondent, not calculated)
S501	Heard of malaria
S502A	Knows malaria symptom: Fever
S502B	Knows malaria symptom: Chills
S502C	Knows malaria symptom: Headache
S502D	Knows malaria symptom: Joint pain
S502E	Knows malaria symptom: Poor appetite
S502F	Knows malaria symptom: Body pain
S502G	Knows malaria symptom: Vomiting
S502H	Knows malaria symptom: Weakness
S502I	Knows malaria symptom: Yellow eyes / urine
S502X	Knows malaria symptom: Other
S502Z	Knows malaria symptom: Does not know any
S503A	People most likely to get malaria: Children
S503B	People most likely to get malaria: Pregnant women
S503C	People most likely to get malaria: Adults
S503D	People most likely to get malaria: Elderly
S503E	People most likely to get malaria: Everyone
S503Z	People most likely to get malaria: Does not know
S504A	Cause of malaria: Mosquitoes
S504B	Cause of malaria: Dirty water
S504C	Cause of malaria: Dirty surroundings
S504D	Cause of malaria: Beer
S504E	Cause of malaria: Certain foods
S504F	Cause of malaria: Cold
S504X	Cause of malaria: Other
S504Z	Cause of malaria: Does not know any

S505	Knows malaria can be prevented
S506A	Knows way to avoid getting malaria: Sleep under mosquito net
S506B	Knows way to avoid getting malaria: Use mosquito coils
S506C	Knows way to avoid getting malaria: Use insecticide spray
S506D	Knows way to avoid getting malaria: Keep doors and windows closed
S506E	Knows way to avoid getting malaria: Use insect repellent
S506F	Knows way to avoid getting malaria: Keep surroundings clean
S506G	Knows way to avoid getting malaria: Cut the grass
S506X	Knows way to avoid getting malaria: Other
S506Z	Knows way to avoid getting malaria: Does not know any
S507	Knows malaria is treatable
S508A	Knows medicine to treat malaria: SP/Fansidar
S508B	Knows medicine to treat malaria: Chloroquine
S508C	Knows medicine to treat malaria: Quinine
S508D	Knows medicine to treat malaria: New malaria drug (ACT)
S508E	Knows medicine to treat malaria: Aspirin/Panadol/Paracetamol
S508F	Knows medicine to treat malaria: Amodiaquine
S508X	Knows medicine to treat malaria: Other
S508Z	Knows medicine to treat malaria: Does not know any
S509	Seen or heard malaria messages in the past few months
S510A	Malaria message seen or heard: If have fever go to health facility
S510B	Malaria message seen or heard: Sleep under mosquito bed nets
S510C	Malaria message seen or heard: Pregnant women should take drugs to prevent malaria
S510D	Malaria message seen or heard: Malaria kills
S510E	Malaria message seen or heard: Keep surroundings clean
S510X	Malaria message seen or heard: Other
S510Z	Malaria message seen or heard: Does not know any
S511A	Where seen or heard malaria messages: Radio
S511B	Where seen or heard malaria messages: Billboard
S511C	Where seen or heard malaria messages: Poster
S511D	Where seen or heard malaria messages: T-shirt
S511E	Where seen or heard malaria messages: Leaflet/fact sheet/brochure
S511F	Where seen or heard malaria messages: Television
S511G	Where seen or heard malaria messages: Video club
S511H	Where seen or heard malaria messages: School
S511I	Where seen or heard malaria messages: Community health workers, TTM, TBA, health promoters
S511J	Where seen or heard malaria messages: Peer educators
S511K	Where seen or heard malaria messages: Clinic/hospital/health center
S511X	Where seen or heard malaria messages: Other
REC94	Country specific Maternity variables
S303A	Told pregnant women should take drugs to avoid malaria

NOTES ON THE RECODE FILE

1. Cluster 51 was sampled to only include 22 households.
2. The birth history is a partial birth history and includes children born in the last 6 years. All variables related to the birth history reflect the truncated birth history.
3. Section REC41 has a maximum of 1 entry as only the most recent birth is included in section 3 of the questionnaire: Pregnancy and Intermittent Preventive Treatment.
4. Variable HV035 is restricted to children 6-59 months for malaria and hemoglobin testing.
5. Height and weight are not included in the 2011 LMIS, therefore HV120 only refers to hemoglobin eligibility and is restricted to children 6 – 59 months.
6. The altitude for clusters 49, 53, and 75 were not collected. The average altitude was used for these clusters (HV040/V040).
7. In REC44 there are 812 not applicable children. These children include 288 that do not have a household line number in the woman's birth history, 354 are less than 6 months old, and 170 are dead.

INCONSISTENCIES IN THE RECODE FILE

1. There are 22 households where the head of household is not the first person listed in the household schedule and there are 25 women for whom V151 is not the sex of the first person in the household schedule.
2. There are 43 children younger than 5 in the household schedule who do not have an entry in RECH6 (Children Height/Weight/Hemoglobin) and HV120 = 0 (child is not eligible for Height and Weight) because the date of birth in the hemoglobin section of the questionnaire (which is consistent with the child's date of birth in the woman's birth history) indicates that these children were in fact older than 5 years of age.
3. There are 35 children in RECH6 (anemia and malaria testing) for whom the line number of the parent/caretaker is missing.
4. There are 8 children for whom anemia testing consent was granted (HC52 = 1), but the test was not actually completed.
5. There are 4 women for whom the length of the individual interview is longer than 3 hours (V801 > 180) and 12 women for whom the time of the end of interview is before time of start of the interview, although only one visit was reported.
6. There are 6 households without de-jure adult household members (HV012 = 0).
7. There are 168 children whose age in the household schedule is different from the age listed in

HC1 (Children's Height and Weight section), because the age recorded in the birth history of the individual questionnaire is used.

8. There are 555 individuals whose age is different in the woman's questionnaire (HML16) and the household schedule (HV105).
9. There are 7 households where the number of household visits (HV017) is missing. These households were not completed household interviews.

Extension of Standard Ranges

HV105	95 - Maximum age
HV201	31 - Hand pump, protected well
HV246F	Variable includes chickens, ducks, and fowl
HML31	5 - Not present
	6 - Other
HC52	5 - Not present
	6 - Other
ML15A	3 - 3+ maximum days
ML16A	3 - 3+ maximum days
ML18A	3 - 3+ maximum days
ML21A	3 - 3+ maximum days
ML23A	3 - 3+ maximum days