

**Ethiopia**

**Central Statistical Agency, Ministry of Finance and Economic Development**

## **Health and Nutrition survey 1998**

### **Study Documentation**

June 2, 2011

# Metadata Production

<b>Metadata Producer(s)</b>	Central Statistical Agency (CSA) , Ministry of Finance and Economic Development , Producing and Dissemination of Data and Metadata
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## Ethiopia () Health and Nutrition survey 1998 (HNS-1998)

Overview	
Type	Other Household Health Survey [hh/hea]
Identification	ETH-CSA-HNFS-1998-v1.1
Version	Production Date: 1999-10 Version 1.0: Edited and non-anonymous dataset for internal use only.
Series	The related survey was conducted earlier in CSA 1982-1983 Rural health survey and 1992 National Rural Nutrition survey. However 1998 Health and Nutrition survey is different in terms of content and coverage.
<b>Abstract</b>	
<p>The main objective of the survey is to provide the data that will serve as basis for planning development strategies whose target is to improve the health and nutritional conditions of the population of the country. In addition, the data collected in this survey may also be useful as a base for the surveys that will be conducted in the field of health and nutrition in the future. The specific objectives of this survey are to collect data/information as follows:</p> <p>a) That will show the types and distribution of diseases and accidents by region; b) On prevalence rates of illness and accidents and to identify groups of people who are more affected; c) That will help to assess the practice of health consultation and type of health service institutions or health providers visited; d) That will indicate the attitudes or practice of using modern health institutions by population in time of illness; e) On the practice of maternal health care, vaccinations and supplementation; f) That will help in identifying groups of children at risk due to not being vaccinated; g) On childhood illness, vaccination, breastfeeding and supplementation practice of children under five years of age; h) That throws some light on nutritional status of children through anthropometric measurements and i) That will show the levels and differentials of fertility.</p>	
Kind of Data	Sample survey data [ssd]
Unit of Analysis	Household, Persons

### Scope & Coverage

#### Scope

The scope of this survey was to collect basic data on population, morbidity, accident, treatment and/or consultation, maternal health care, vaccinations, breastfeeding, supplementation, and nutritional status of children under five. The major items included were: sex, age, highest grade completed, illness, duration of illness and number of days of restricted usual activity due to illness and/or accident(s), external causes of accident(s), status and type of health services institutions or health provider consulted reason for not consulting modern health services institutions. In addition, information on place of delivery; type of attendant assisting during delivery; tetanus toxoid vaccination; and status and duration of supplementation for lactating and pregnant women were collected. Moreover, data on childhood vaccinations; childhood illness (diarrhea, vomiting or cough episode) and ORS treatment; Vitamin A administration; breastfeeding and supplementation of children under five; anthropometric measurements (height and weight) of children aged 3-59 months and fertility were collected.

#### Geographic Coverage

The 1998 (1990 Ethiopian Calendar, E.C) Health and Nutrition Survey covered the population in the country on a sample basis excluding the non-sedentary population in Affar and Somalie Regions. Moreover, residents of collective quarters, homeless persons and foreigners were not covered in the surveys. The survey covered the sedenary population of Tigray, Amhara, Oromia, Bensihangul-umuz, SNNP, Gambella and Harari Regions as well as Addis Ababa and Dire Dawa Administrative Regions. In Affar and Somalie Regions, the survey covered most of the sedentary population. Moreover, the survey covered the urban population with the emphasis on regional capitals and other major urban centers that are considered as reporting level. A total of 182 Enumeration Areas (EAs) that is 1380 rural and 447 urban enumeration areas were selected to be covered in the survey in all

regions. Nevertheless, of the total EAs 19 rural EAs were not covered in the survey due to various reasons. Thus, the survey succeeded to cover 1808 (99.0 percent) of the selected EAs. From, each sampled EA 25 households were systematically selected for the survey from a fresh list of households prepared at the beginning of the field work. With regard to the ultimate sampling units, it was planned to cover a total of 45,675 households (34,500 in rural areas and 11,175 households in urban areas) all over the country. The response rate was found to be 98.5 percent i.e. 98.2 percent or 33,895 households in rural areas and 99.7 percent or 11,084 households in urban areas). Only, 605 of the selected rural households did not cover by the survey (for details see Tables 2.1 and 2.2).

**Universe**  
Household

## Producers & Sponsors

<b>Primary Investigator(s)</b>	Central Statistical Agency, Ministry of Finance and Economic Development
<b>Funding Agency/ies</b>	Government of Ethiopia (GoE)

## Sampling

### Sampling Procedure

**Sample Design** The 1998 (1990 E.C.) Health and Nutrition Survey covered both urban and rural parts of the country, except six zones in Somalie Region and two zones in Affar Region. For the purpose of the survey the country was divided into three categories. These are rural areas, major urban centers and other urban. Major Urban Centers (Category I): These are ten regional capitals and five urban centers with a population of 100,000 and over were grouped in this category. Each urban center in this category was the survey domain (reporting level) for which separate survey results for major survey characteristics were reported. Other Urban Centers (Category II): These are urban centers in the country other than fifteen urban centers in category were grouped in this category. There were four domains (reporting levels) in this category, namely; a) Other Urban Amhara (excluding Gondar, Bahr Dar, Dessie) b) Other Urban Oromiya (excluding Jima, Nazreth, Debre Zeit) c) Other Urban SNNP (excluding Awasa) d) Other Urban (excluding all urban centers in the major urban centers and those in a, b and c other urban centers. Other than the nineteen domains (reporting levels) major urban centers other urban centers, three additional domains can be constructed by combining basic domains from the last two categories. These domains are: i) Urban Amhara ii) Urban Oromiya iii) Urban SNNP

## Data Collection

<b>Time Period(s)</b>	single 1998
<b>Data Collection Mode</b>	Face-to-face [f2f]

## Accessibility

<b>Access Authority</b>	Central Statistical Authority, Ethiopia (Ministry of Finance and Economic Development) , <a href="http://www.csa.gov.et">www.csa.gov.et</a> , <a href="mailto:csa@csa.gov.et">csa@csa.gov.et</a>
<b>Contact(s)</b>	Eleni Kebede (CSA) , <a href="http://www.csa.gov.et">http://www.csa.gov.et</a> , <a href="mailto:elenik@csa.gov.et">elenik@csa.gov.et</a>

### Access Conditions

The Central Statistical Agency (CSA) is committed to achieving excellence in the provision of timely, reliable and affordable official statistics for informed decision making in order to maximize the welfare of all Ethiopians. This is achieved through the collection and analysis of censuses, surveys and the use of administrative data as well as the dissemination a range of statistical products and providing assistance and services to users. A microdata dissemination policy is established by CSA to address the conditions and the manner in which anonymized

microdata files may be released to users for research purposes. It also strives to identify the different levels of anonymization for different categories of data use. This policy is available at CSA website ([www.csa.gov.et](http://www.csa.gov.et) <<http://www.csa.gov.et>>). CSA will release microdata files for use by researchers for scientific research purposes when: The Director General is satisfied that all reasonable steps have been taken to prevent the identification of individual respondents. The release of the data will substantially enhance the analytic value of the data that have been collected. For all but purely public files, researchers disclose the nature and objectives of their intended research, it can be demonstrated that there are no credible alternative sources for these data, and the researchers have signed an appropriate undertaking. Terms and conditions of use of public data files are the following: The data and other materials provided by CSA will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement of CSA. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations. No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently. Any such discovery would immediately be reported to the CSA. No attempt will be made to produce links among datasets provided by CSA, or among data from the CSA and other datasets that could identify individuals or organizations. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from CSA will cite the source of data in accordance with the Citation Requirement provided with each dataset. An electronic copy of all reports and publications based on the requested data will be sent to CSA. The original collector of the data, CSA, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses. Cost Recovery Policy: It is the policy of CSA to encourage broad use of its products by making them affordable for users. Accordingly, CSA attempts to ensure that the costs of creating anonymized microdata files are built-in to the survey budget. At the same time, CSA attempts to recover costs associated with the provisions of special services that benefit only a specific group. Information on the price of each dataset is available at CSA website ([www.csa.gov.et](http://www.csa.gov.et) )

# Files Description

Dataset contains 2 file(s)

<b>Fertility</b>	
<b># Cases</b>	211974
<b># Variable(s)</b>	26

<b>Health and Nutrition</b>	
<b># Cases</b>	212097
<b># Variable(s)</b>	70

# Variables List

Dataset contains 96 variable(s)

File Fertility							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">case\$Id</a>	-	discrete	character-21	211974	0	-
2	<a href="#">id01</a>	Killil	discrete	numeric-2.0	211974	0	-
3	<a href="#">id02</a>	Zone	discrete	numeric-2.0	211974	0	-
4	<a href="#">id03</a>	Wereda	continuous	numeric-2.0	211974	0	-
5	<a href="#">id04</a>	Town	continuous	numeric-2.0	211974	0	-
6	<a href="#">id05</a>	Kefetegna	continuous	numeric-2.0	211974	0	-
7	<a href="#">id06</a>	Fa/Kebele	continuous	numeric-3.0	211974	0	-
8	<a href="#">id07</a>	Enumeration Area	continuous	numeric-2.0	211974	0	-
9	<a href="#">id08</a>	Selection Order	continuous	numeric-2.0	211974	0	-
10	<a href="#">id09</a>	Household Size	continuous	numeric-2.0	211974	0	-
11	<a href="#">id10</a>	Stratum	continuous	numeric-2.0	211974	0	-
12	<a href="#">f11</a>	Serial Number	continuous	numeric-2.0	211961	13	-
13	<a href="#">f13</a>	Sex	discrete	numeric-1.0	211970	4	-
14	<a href="#">f14</a>	Age	continuous	numeric-2.0	211963	11	-
15	<a href="#">f15</a>	Marital Status	discrete	numeric-1.0	117504	94470	-
16	<a href="#">f16m</a>	Male at home	discrete	numeric-1.0	60443	151531	-
17	<a href="#">f16f</a>	Female at home	discrete	numeric-1.0	60431	151543	-
18	<a href="#">f17m</a>	Male else where	discrete	numeric-1.0	60277	151697	-
19	<a href="#">f17f</a>	Female Else where	discrete	numeric-1.0	60266	151708	-
20	<a href="#">f18m</a>	Male dead	discrete	numeric-1.0	60301	151673	-
21	<a href="#">f18f</a>	Female Dead	discrete	numeric-1.0	60280	151694	-
22	<a href="#">f19</a>	Total Birth	continuous	numeric-2.0	60460	151514	-
23	<a href="#">f20</a>	Birth during last 12 month	discrete	numeric-1.0	60203	151771	-
24	<a href="#">f21</a>	How many dead	discrete	numeric-1.0	12033	199941	-
25	<a href="#">bl1</a>	Blank Space	discrete	numeric-15.0	0	211974	-
26	<a href="#">wgt1</a>	Weighting factor	continuous	numeric-7.2	211974	0	-

File Health and Nutrition							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">id01</a>	Killil	discrete	numeric-2.0	212097	0	-
2	<a href="#">id02</a>	Zone	discrete	numeric-2.0	212097	0	-
3	<a href="#">id03</a>	Wereda	continuous	numeric-2.0	212097	0	-
4	<a href="#">id04</a>	Town	continuous	numeric-2.0	212097	0	-
5	<a href="#">id05</a>	Keftegna	continuous	numeric-2.0	212097	0	-
6	<a href="#">id06</a>	Fa/Kebele	continuous	numeric-3.0	212097	0	-
7	<a href="#">id07</a>	Ea	continuous	numeric-2.0	212097	0	-

File Health and Nutrition							
#	Name	Label	Type	Format	Valid	Invalid	Question
8	<a href="#">id08</a>	Selection order	continuous	numeric-2.0	212097	0	-
9	<a href="#">id09</a>	Household Size	continuous	numeric-2.0	212097	0	-
10	<a href="#">id10</a>	Stratum	continuous	numeric-2.0	212097	0	-
11	<a href="#">h11</a>	Serial Number	continuous	numeric-2.0	212095	2	-
12	<a href="#">h13</a>	Sex	discrete	numeric-1.0	212097	0	-
13	<a href="#">h14</a>	Age	continuous	numeric-2.0	211957	140	-
14	<a href="#">h15</a>	Religion	discrete	numeric-1.0	211927	170	-
15	<a href="#">h16</a>	Ethnic Group	discrete	numeric-2.0	211931	166	-
16	<a href="#">h17</a>	Education	discrete	numeric-2.0	145736	66361	-
17	<a href="#">h18</a>	Marital Status	discrete	numeric-1.0	145858	66239	-
18	<a href="#">h19</a>	Health Condition	discrete	numeric-1.0	212097	0	-
19	<a href="#">h20</a>	1st Illness	discrete	numeric-2.0	48967	163130	-
20	<a href="#">h21</a>	2nd Illness	discrete	numeric-2.0	7494	204603	-
21	<a href="#">h22</a>	Duration of Illness	continuous	numeric-2.0	48925	163172	-
22	<a href="#">h23</a>	Stop Usual activity	continuous	numeric-2.0	48926	163171	-
23	<a href="#">h24</a>	Is there any Injury	discrete	numeric-1.0	212097	0	-
24	<a href="#">h25</a>	External cause of injury	discrete	numeric-2.0	4578	207519	-
25	<a href="#">h26</a>	Duration of injury	continuous	numeric-2.0	4573	207524	-
26	<a href="#">h27</a>	Days lost from usual activity	continuous	numeric-2.0	4349	207748	-
27	<a href="#">h28</a>	Is there illness during the last 12 month	discrete	numeric-1.0	212097	0	-
28	<a href="#">h29</a>	Where do you get Treatment	discrete	numeric-1.0	111144	100953	-
29	<a href="#">h30</a>	Hospital	discrete	numeric-1.0	71458	140639	-
30	<a href="#">h31</a>	Clinic	discrete	numeric-1.0	71455	140642	-
31	<a href="#">h32</a>	Health Station	discrete	numeric-1.0	71455	140642	-
32	<a href="#">h33</a>	Community health center	discrete	numeric-1.0	71455	140642	-
33	<a href="#">h34</a>	Pharmacy	discrete	numeric-1.0	71455	140642	-
34	<a href="#">h35</a>	Traditional health assistant	discrete	numeric-1.0	71455	140642	-
35	<a href="#">h36</a>	Lay treatment	discrete	numeric-1.0	71455	140642	-
36	<a href="#">h37</a>	Self treatment	discrete	numeric-1.0	71455	140642	-
37	<a href="#">h38</a>	Others	discrete	numeric-1.0	71458	140639	-
38	<a href="#">h39</a>	Reason	discrete	numeric-1.0	40128	171969	-
39	<a href="#">h40</a>	Main Reason	discrete	numeric-1.0	12351	199746	-
40	<a href="#">h41</a>	Birth During last 12 month	discrete	numeric-1.0	60877	151220	-
41	<a href="#">h42</a>	Place of Delivery	discrete	numeric-1.0	15176	196921	-
42	<a href="#">h43</a>	Who help during delevary	discrete	numeric-1.0	15184	196913	-
43	<a href="#">h44</a>	Modern tretment	discrete	numeric-1.0	15183	196914	-
44	<a href="#">h45</a>	Tetanus Vaccination	discrete	numeric-1.0	15183	196914	-

<b>File Health and Nutrition</b>							
#	Name	Label	Type	Format	Valid	Invalid	Question
45	<a href="#">h46</a>	Coplementery Food	discrete	numeric-1.0	15183	196914	-
46	<a href="#">n47</a>	Child Serial number	continuous	numeric-2.0	32635	179462	-
47	<a href="#">n49</a>	Mothers Serial No	continuous	numeric-2.0	32651	179446	-
48	<a href="#">n50</a>	Child Age	discrete	numeric-2.0	32651	179446	-
49	<a href="#">n51</a>	Birth Order	discrete	numeric-1.0	32651	179446	-
50	<a href="#">n52</a>	Measels	discrete	numeric-1.0	32650	179447	-
51	<a href="#">n53</a>	BCG	discrete	numeric-1.0	32650	179447	-
52	<a href="#">n54</a>	DPT	discrete	numeric-1.0	32650	179447	-
53	<a href="#">n55</a>	POILIO	discrete	numeric-1.0	32650	179447	-
54	<a href="#">n56</a>	VITAMIN A	discrete	numeric-1.0	32650	179447	-
55	<a href="#">n57</a>	Diarrhea	discrete	numeric-1.0	32650	179447	-
56	<a href="#">n58</a>	What dose child take for diarrhea	discrete	numeric-1.0	7596	204501	-
57	<a href="#">n59</a>	What dose child take at birth	discrete	numeric-1.0	32650	179447	-
58	<a href="#">n60</a>	Age breast feeding started	discrete	numeric-2.0	32650	179447	-
59	<a href="#">n61</a>	Being breast fed	discrete	numeric-1.0	32650	179447	-
60	<a href="#">n62</a>	Age begin breast feding	continuous	numeric-2.0	17099	194998	-
61	<a href="#">n63</a>	Type of food given	discrete	numeric-1.0	32650	179447	-
62	<a href="#">n64</a>	Age start coplementery foof	continuous	numeric-2.0	27230	184867	-
63	<a href="#">n65</a>	Mothers Opinion	discrete	numeric-1.0	32650	179447	-
64	<a href="#">n66</a>	Child Weight	continuous	numeric-5.0	30689	181408	-
65	<a href="#">n67</a>	Child Height	continuous	numeric-3.0	30692	181405	-
66	<a href="#">h14a</a>	Mothers Age	continuous	numeric-2.0	31273	180824	-
67	<a href="#">h17a</a>	Mothers Education	continuous	numeric-2.0	31169	180928	-
68	<a href="#">h18a</a>	Mothers Marital Status	discrete	numeric-1.0	31169	180928	-
69	<a href="#">blk1</a>	Blank Space	discrete	numeric-1.0	0	212097	-
70	<a href="#">wgt</a>	Weight factor	continuous	numeric-7.2	212097	0	-

# Variables Description

Dataset contains 96 variable(s)

File Fertility			
<b>#1 case\$id</b>			
Information	[Type= discrete] [Format=character] [Missing=*/ÿ]		
Statistics [NW/ W]	[Valid=211974 /-] [Invalid=0 /-]		
<b>#2 id01: Killil</b>			
Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]		
Statistics [NW/ W]	[Valid=211974 /-] [Invalid=0 /-] [Mean=5.589 /-] [StdDev=3.581 /-]		
Value	Label	Cases	Percentage
1		13940	6.6%
2		6925	3.3%
3		40316	19.0%
4		57479	27.1%
5		9463	4.5%
6		11014	5.2%
7		45712	21.6%
12		3646	1.7%
13		5114	2.4%
14		13070	6.2%
15		5295	2.5%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#3 id02: Zone</b>			
Information	[Type= discrete] [Format=numeric] [Range= 1-16] [Missing=*]		
Statistics [NW/ W]	[Valid=211974 /-] [Invalid=0 /-] [Mean=5.13 /-] [StdDev=3.592 /-]		
Value	Label	Cases	Percentage
1		34689	16.4%
2		26340	12.4%
3		24714	11.7%
4		26656	12.6%
5		18635	8.8%
6		13882	6.5%
7		18148	8.6%
8		7226	3.4%
9		13741	6.5%
10		7210	3.4%
11		6664	3.1%
12		6080	2.9%
13		2033	1.0%
14		1892	0.9%
15		2071	1.0%
16		1993	0.9%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			

<b>File Fertility</b>			
<b>#4 id03: Wereda</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=7.516 /-] [StdDev=6.816 /-]		
<b>#5 id04: Town</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-88] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=67.867 /-] [StdDev=36.602 /-]		
<b>#6 id05: Kefetegna</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-88] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=68.465 /-] [StdDev=35.629 /-]		
<b>#7 id06: Fa/Kebele</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-125] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=22.104 /-] [StdDev=20.936 /-]		
<b>#8 id07: Enumeration Area</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-38] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=2.45 /-] [StdDev=2.367 /-]		
<b>#9 id08: Selection Order</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-52] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=13.293 /-] [StdDev=8.9 /-]		
<b>#10 id09: Household Size</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-29] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=5.911 /-] [StdDev=2.503 /-]		
<b>#11 id10: Stratum</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-53] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=23.241 /-] [StdDev=14.505 /-]		
<b>#12 f11: Serial Number</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-82] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211961 /-] [Invalid=13 /-] [Mean=3.459 /-] [StdDev=2.241 /-]		
<b>#13 f13: Sex</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211970 /-] [Invalid=4 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	male	104588	49.3%
2	female	107378	50.7%
9		4	0.0%
Sysmiss		4	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#14 f14: Age</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=211963 /-] [Invalid=11 /-] [Mean=21.495 /-] [StdDev=17.879 /-]		

## File Fertility

### #15 f15: Marital Status

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=117504 /-] [Invalid=94470 /-]

Value	Label	Cases	Percentage
1	Never married	35364	30.1%
2	Married	67319	57.3%
3	Divorced	6536	5.6%
4	Widowed	8257	7.0%
9	Not stated	28	0.0%
Sysmiss		94470	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #16 f16m: Male at home

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=60443 /-] [Invalid=151531 /-] [Mean=1.024 /-] [StdDev=1.409 /-]

Value	Label	Cases	Percentage
0		30394	50.3%
1		13331	22.1%
2		8403	13.9%
3		4701	7.8%
4		2175	3.6%
5		783	1.3%
6		248	0.4%
7		63	0.1%
8		15	0.0%
9		330	0.5%
Sysmiss		151531	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #17 f16f: Female at home

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=60431 /-] [Invalid=151543 /-] [Mean=0.94 /-] [StdDev=1.337 /-]

Value	Label	Cases	Percentage
0		31278	51.8%
1		14060	23.3%
2		8183	13.5%
3		4058	6.7%
4		1704	2.8%
5		578	1.0%
6		181	0.3%
7		49	0.1%
8		10	0.0%
9		330	0.5%
Sysmiss		151543	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

<b>File Fertility</b>			
<b>#18 f17m: Male else where</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=60277 /-] [Invalid=151697 /-] [Mean=0.4 /-] [StdDev=1.052 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
0		47524	78.8%
1		7007	11.6%
2		3315	5.5%
3		1362	2.3%
4		486	0.8%
5		150	0.2%
6		49	0.1%
7		15	0.0%
8		6	0.0%
9		363	0.6%
Sysmiss		151697	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#19 f17f: Female Else where</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=60266 /-] [Invalid=151708 /-] [Mean=0.48 /-] [StdDev=1.121 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
0		45256	75.1%
1		7843	13.0%
2		4061	6.7%
3		1757	2.9%
4		653	1.1%
5		233	0.4%
6		72	0.1%
7		22	0.0%
8		5	0.0%
9		364	0.6%
Sysmiss		151708	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#20 f18m: Male dead</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=60301 /-] [Invalid=151673 /-] [Mean=0.509 /-] [StdDev=1.135 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
0		43596	72.3%
1		9604	15.9%
2		4106	6.8%
3		1590	2.6%
4		630	1.0%
5		251	0.4%
6		86	0.1%

<b>File Fertility</b>			
<b>#20 f18m: Male dead</b>			
Value	Label	Cases	Percentage
7		44	0.1%
8		34	0.1%
9		360	0.6%
Sysmiss		151673	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#21 f18f: Female Dead</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=60280 /-] [Invalid=151694 /-] [Mean=0.453 /-] [StdDev=1.055 /-]		
Value	Label	Cases	Percentage
0		44446	73.7%
1		9911	16.4%
2		3582	5.9%
3		1292	2.1%
4		464	0.8%
5		147	0.2%
6		51	0.1%
7		15	0.0%
8		14	0.0%
9		358	0.6%
Sysmiss		151694	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#22 f19: Total Birth</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=60460 /-] [Invalid=151514 /-] [Mean=4.105 /-] [StdDev=8.071 /-]		
<b>#23 f20: Birth during last 12 month</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=60203 /-] [Invalid=151771 /-] [Mean=0.189 /-] [StdDev=0.721 /-]		
Value	Label	Cases	Percentage
0		51382	85.3%
1		8390	13.9%
2		122	0.2%
3		4	0.0%
4		2	0.0%
8		1	0.0%
9		302	0.5%
Sysmiss		151771	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#24 f21: How many dead</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=12033 /-] [Invalid=199941 /-] [Mean=0.299 /-] [StdDev=1.394 /-]		

## File Fertility

### #24 f21: How many dead

Value	Label	Cases	Percentage
0		10812	89.9%
1		884	7.3%
2		30	0.2%
3		9	0.1%
4		3	0.0%
5		3	0.0%
6		2	0.0%
7		7	0.1%
8		6	0.0%
9		277	2.3%
Systemiss		199941	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #25 bl1: Blank Space

<b>Information</b>	[Type= discrete] [Format=numeric] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=0 /-] [Invalid=211974 /-]		
Value	Label	Cases	Percentage
Systemiss		211974	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #26 wgt1: Weighting factor

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1.07-2257.28] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=211974 /-] [Invalid=0 /-] [Mean=253.446 /-] [StdDev=214.223 /-]

## File Health and Nutrition

### #1 id01: Killil

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=212097 /-] [Invalid=0 /-] [Mean=5.588 /-] [StdDev=3.581 /-]

Value	Label	Cases	Percentage
1		13949	6.6%
2		6925	3.3%
3		40333	19.0%
4		57527	27.1%
5		9463	4.5%
6		11017	5.2%
7		45753	21.6%
12		3653	1.7%
13		5112	2.4%
14		13066	6.2%
15		5299	2.5%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 id02: Zone

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-16] [Missing=*]
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## File Health and Nutrition

### #2 id02: Zone

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=5.13 /-] [StdDev=3.592 /-]

Value	Label	Cases	Percentage
1		34710	16.4%
2		26345	12.4%
3		24722	11.7%
4		26677	12.6%
5		18678	8.8%
6		13896	6.6%
7		18144	8.6%
8		7223	3.4%
9		13738	6.5%
10		7211	3.4%
11		6671	3.1%
12		6088	2.9%
13		2033	1.0%
14		1897	0.9%
15		2071	1.0%
16		1993	0.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #3 id03: Wereda

Information [Type= continuous] [Format=numeric] [Range= 1-35] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=7.516 /-] [StdDev=6.816 /-]

### #4 id04: Town

Information [Type= continuous] [Format=numeric] [Range= 1-88] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=67.874 /-] [StdDev=36.598 /-]

### #5 id05: Keftegna

Information [Type= continuous] [Format=numeric] [Range= 1-88] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=68.471 /-] [StdDev=35.625 /-]

### #6 id06: Fa/Kebele

Information [Type= continuous] [Format=numeric] [Range= 1-125] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=22.108 /-] [StdDev=20.943 /-]

### #7 id07: Ea

Information [Type= continuous] [Format=numeric] [Range= 1-38] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=2.45 /-] [StdDev=2.368 /-]

### #8 id08: Selection order

Information [Type= continuous] [Format=numeric] [Range= 1-52] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=13.293 /-] [StdDev=8.898 /-]

### #9 id09: Household Size

Information [Type= continuous] [Format=numeric] [Range= 1-29] [Missing=\*]

Statistics [NW/ W] [Valid=212097 /-] [Invalid=0 /-] [Mean=5.912 /-] [StdDev=2.504 /-]

<b>File Health and Nutrition</b>			
<b>#10 id10: Stratum</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-53] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=212097 /-] [Invalid=0 /-] [Mean=23.242 /-] [StdDev=14.504 /-]		
<b>#11 h11: Serial Number</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-29] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=212095 /-] [Invalid=2 /-] [Mean=3.459 /-] [StdDev=2.215 /-]		
<b>#12 h13: Sex</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=212097 /-] [Invalid=0 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	MALE	104663	49.3%
2	FEMALE	107428	50.7%
9	NOT STATED	6	0.0%
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#13 h14: Age</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-97] [Missing=*/99]		
<b>Statistics [NW/ W]</b>	[Valid=211957 /-] [Invalid=140 /-] [Mean=21.482 /-] [StdDev=17.859 /-]		
<b>#14 h15: Relegion</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*/9]		
<b>Statistics [NW/ W]</b>	[Valid=211927 /-] [Invalid=170 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	ORTHODOX	105646	49.9%
2	PROTESTANT	28477	13.4%
3	CATHOLIC	1939	0.9%
4	MUSLIM	65325	30.8%
5	TRADITIONAL	6575	3.1%
6	OTHER	3965	1.9%
9		170	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#15 h16: Ethnic Group</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-98] [Missing=*/99]		
<b>Statistics [NW/ W]</b>	[Valid=211931 /-] [Invalid=166 /-]		
<i>Frequency table not shown (91 Modalities)</i>			
<b>#16 h17: Education</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-96] [Missing=*/99]		
<b>Statistics [NW/ W]</b>	[Valid=145736 /-] [Invalid=66361 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
0	NEVER ATTAIND	98878	67.8%
1	GRADE ONE	2902	2.0%
2	GRADE TWO	4346	3.0%
3	GRADE THREE	5084	3.5%

## File Health and Nutrition

### #16 h17: Education

Value	Label	Cases	Percentage
4	GRADE FOUR	4516	3.1%
5	GRADE FIVE	4326	3.0%
6	GRADE SIX	4190	2.9%
7	GRADE SEVEN	3847	2.6%
8	GRADE EIGHT	3574	2.5%
9	GRADE NINE	2130	1.5%
10	GRADE TEN	1914	1.3%
11	GRADE ELEVEN	758	0.5%
12	GRADE TWELVE	5037	3.5%
20	CERTIFICATE	720	0.5%
21	DIPLOMA NOT FINISHED	464	0.3%
22	DEGREE NOT FINISHED	90	0.1%
23	DEPLOMA	501	0.3%
24	DEGREE AND ABOVE	335	0.2%
95	INFORMAL EDUCATION	508	0.3%
96	NON REGULAR	1616	1.1%
99		789	
Sysmiss		65572	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #17 h18: Marital Status

Value	Label	Cases	Percentage
1	NEVER MARRIED	62595	42.9%
2	MARRIED	68225	46.8%
3	DIVORCED	6822	4.7%
4	WIDOWED	8216	5.6%
9		667	
Sysmiss		65572	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #18 h19: Health Condition

Value	Label	Cases	Percentage
1	ILL	48762	23.0%
2	NOT ILL	163130	76.9%
9	NOT STATED	205	0.1%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #19 h20: 1st Illness

Value	Label	Cases	Percentage
1	ILL	48762	23.0%
2	NOT ILL	163130	76.9%
9	NOT STATED	205	0.1%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

## File Health and Nutrition

### #19 h20: 1st Illness

Value	Label	Cases	Percentage
11	Malaria	10163	20.8%
12	Infectious Jaundice	412	0.8%
13	Hepatitis	464	0.9%
14	Meningitis	77	0.2%
15	Typhus/Relapsing Fever	1196	2.4%
16	Other Fever	1314	2.7%
21	Tuberculosis	892	1.8%
22	Pneumonia	1451	3.0%
23	Whooping cough	398	0.8%
24	Other cough	8315	17.0%
31	Diarrhea	3566	7.3%
32	Gastro intestine	647	1.3%
33	Warm in the stool	1299	2.7%
34	Other Diarrhea and abdominal condition	3191	6.5%
41	Goiter	92	0.2%
42	Ear Problem	617	1.3%
43	Eye Problem	2161	4.4%
44	Throat Problem	390	0.8%
45	Teeth Problem	567	1.2%
46	Other neck and head problem	3179	6.5%
51	Veneral diseases	122	0.2%
61	Wound	2092	4.3%
62	Leprosy	78	0.2%
63	Elephantiasis	323	0.7%
64	Other skin problem	252	0.5%
71	Complicated Pregnancy	150	0.3%
72	Abortion	28	0.1%
73	Complicated child Birth	30	0.1%
74	Complicated Puerperium	62	0.1%
75	Menstruation and Other maternal Problem	84	0.2%
81	Malnutrition	185	0.4%
82	Tetanus	10	0.0%
83	Mental Disturbance	241	0.5%
84	Other Condition not Mentioned above	4216	8.6%
99	Not Stated	703	1.4%
Sysmiss		163130	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #20 h21: 2nd Illness

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 11-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=7494 /-] [Invalid=204603 /-]		
Value	Label	Cases	Percentage
11	Malaria	517	6.9%

## File Health and Nutrition

### #20 h21: 2nd Illness

Value	Label	Cases	Percentage
12	Infectious Jaundice	35	0.5%
13	Hepatitis	92	1.2%
14	Meningitis	22	0.3%
15	Typhus/Relapsing Fever	137	1.8%
16	Other Fever	257	3.4%
21	Tuberculosis	95	1.3%
22	Phenmonia	270	3.6%
23	Whooping cough	49	0.7%
24	Other cough	916	12.2%
31	Diarrohea	550	7.3%
32	Gastro intestine	97	1.3%
33	Warm in the stool	221	2.9%
34	Other Diarrhea and abdominal condition	634	8.5%
41	Goiter	18	0.2%
42	Ear Problem	135	1.8%
43	Eay Problem	400	5.3%
44	Throat Problem	62	0.8%
45	Teeth Problem	128	1.7%
46	Other nek and head problem	846	11.3%
51	Veneral diseases	44	0.6%
61	Wound	343	4.6%
62	Leporsy	13	0.2%
63	Elephantiasis	55	0.7%
64	Other skin problem	45	0.6%
71	Complicated Pregnancy	17	0.2%
72	Abortion	5	0.1%
73	Complicated child Birth	5	0.1%
74	Complicated Puerperium	14	0.2%
75	Menstration and Other maternal Problem	18	0.2%
81	Malnutrition	45	0.6%
82	Tetanus	2	0.0%
83	Mental Disturbance	16	0.2%
84	Other Condition not Mentioned above	989	13.2%
99	Not Stated	402	5.4%
Sysmiss		204603	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #21 h22: Duration of Illness

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=48925 /-] [Invalid=163172 /-] [Mean=10.409 /-] [StdDev=16.301 /-]

### #22 h23: Stop Usual activity

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=48926 /-] [Invalid=163171 /-] [Mean=8.567 /-] [StdDev=18.94 /-]

## File Health and Nutration

### #23 h24: Is there any Injury

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=212097 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	3531	1.7%
2	No	206842	97.5%
9	Not stated	1724	0.8%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #24 h25: External cause of injury

**Information** [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=4578 /-] [Invalid=207519 /-]

Value	Label	Cases	Percentage
1	Accident Fall	1042	22.8%
2	Accident Fall from Draught animal	203	4.4%
3	Accident Burns	188	4.1%
4	Acident by Fire	28	0.6%
5	Poison	8	0.2%
6	Car and Othe Vechile Accident	58	1.3%
7	Injury purposely Inflicted by others	237	5.2%
8	Biting and Stings	148	3.2%
9	Accident due to Attempted suicide	1	0.0%
10	Accident during Agricultural activity	223	4.9%
11	Stab, cut,Broken by Agricuktural and industrial Machinery	727	15.9%
12	Accident Couused by Flood and overer flow river	18	0.4%
13	Accident caoused by fall of object on foot and other part of	183	4.0%
14	Others	206	4.5%
24		1	0.0%
99	Notstated	1307	28.5%
Sysmiss		207519	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #25 h26: Duration of injury

**Information** [Type= continuous] [Format=numeric] [Range= 1-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=4573 /-] [Invalid=207524 /-] [Mean=30.772 /-] [StdDev=40.668 /-]

### #26 h27: Days lost from usual activity

**Information** [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=4349 /-] [Invalid=207748 /-] [Mean=28.432 /-] [StdDev=41.444 /-]

### #27 h28: Is there illness during the last 12 month

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=212097 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	110910	52.3%
2	No	100858	47.6%

## File Health and Nutration

### #27 h28: Is there illness during the last 12 month

Value	Label	Cases	Percentage
9	N/stated	329	0.2%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #28 h29: Where do you get Tretment

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=111144 /-] [Invalid=100953 /-]
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Value	Label	Cases	Percentage
1	YES	71031	63.9%
2	NO	39720	35.7%
9	NOT STATED	393	0.4%
Sysmiss		100953	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #29 h30: Hospital

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=71458 /-] [Invalid=140639 /-]
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Value	Label	Cases	Percentage
1	YES	10207	14.3%
2	NO	60743	85.0%
9	NOT STATED	508	0.7%
Sysmiss		140639	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #30 h31: Clinic

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=71455 /-] [Invalid=140642 /-]
---------------------------	--------------------------------------

Value	Label	Cases	Percentage
1	YES	29532	41.3%
2	NO	41458	58.0%
9	NOT STATED	465	0.7%
Sysmiss		140642	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #31 h32: Health Station

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
--------------------	--

<b>Statistics [NW/ W]</b>	[Valid=71455 /-] [Invalid=140642 /-]
---------------------------	--------------------------------------

Value	Label	Cases	Percentage
1	YES	16600	23.2%
2	NO	54364	76.1%
9	NOT STATED	491	0.7%
Sysmiss		140642	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #32 h33: Community health center

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
--------------------	--

## File Health and Nutrition

### #32 h33: Community health center

Statistics [NW/ W] [Valid=71455 /-] [Invalid=140642 /-]

Value	Label	Cases	Percentage
1	YES	1540	2.2%
2	NO	69405	97.1%
9	NOT STATED	510	0.7%
Sysmiss		140642	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #33 h34: Pharmacy

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

Statistics [NW/ W] [Valid=71455 /-] [Invalid=140642 /-]

Value	Label	Cases	Percentage
1	YES	12479	17.5%
2	NO	58472	81.8%
9	NOT STATED	504	0.7%
Sysmiss		140642	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #34 h35: Traditional health assistant

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

Statistics [NW/ W] [Valid=71455 /-] [Invalid=140642 /-]

Value	Label	Cases	Percentage
1	YES	7239	10.1%
2	NO	63726	89.2%
9	NOT STATED	490	0.7%
Sysmiss		140642	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #35 h36: Lay treatment

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

Statistics [NW/ W] [Valid=71455 /-] [Invalid=140642 /-]

Value	Label	Cases	Percentage
1	YES	2400	3.4%
2	NO	68548	95.9%
9	NOT STATED	507	0.7%
Sysmiss		140642	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #36 h37: Self treatment

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

Statistics [NW/ W] [Valid=71455 /-] [Invalid=140642 /-]

Value	Label	Cases	Percentage
1	YES	3692	5.2%
2	NO	67249	94.1%
9	NOT STATED	514	0.7%

## File Health and Nutration

### #36 h37: Self treatment

Value	Label	Cases	Percentage
Sysmiss		140642	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #37 h38: Others

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=71458 /-] [Invalid=140639 /-]

Value	Label	Cases	Percentage
1	YES	2482	3.5%
2	NO	68424	95.8%
9	NOT STATED	552	0.8%
Sysmiss		140639	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #38 h39: Reason

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=40128 /-] [Invalid=171969 /-]

Value	Label	Cases	Percentage
1	TOO FAR	3689	9.2%
2	TOO EXPENCIVE	18922	47.2%
3	DID'T BELIVE IN IT	924	2.3%
4	TO BE SELF LIMIT	13675	34.1%
5	LONG WAITING TIME	709	1.8%
6	COULDN'T GET TREATMENT	692	1.7%
7	OTHER	772	1.9%
9	NOT STATED	745	1.9%
Sysmiss		171969	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #39 h40: Main Reason

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=12351 /-] [Invalid=199746 /-]

Value	Label	Cases	Percentage
1	TOO FAR	0	0.0%
2	TOO EXPENSIVE	0	0.0%
3	TRADITIONAL TREATMENT	0	0.0%
4	DIDN'T BELEVE IN IT	0	0.0%
5	SELF LIMITING	0	0.0%
6	LONG WAITING TIME	0	0.0%
7	COULDN'T GET TREATMENT	0	0.0%
8	OTHERS	0	0.0%
9	NOT STATED	12351	100.0%
Sysmiss		199746	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

## File Health and Nutration

### #40 h41: Birth During last 12 month

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=60877 /-] [Invalid=151220 /-]

Value	Label	Cases	Percentage
1	Yes	14704	24.2%
2	No	45300	74.4%
9	NOT STATED	873	1.4%
Sysmiss		151220	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #41 h42: Place of Delivery

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=15176 /-] [Invalid=196921 /-]

Value	Label	Cases	Percentage
1	IN HER SOMEONE HOME	13039	85.9%
2	HEALTH STATION	419	2.8%
3	CLINIC	122	0.8%
4	HOSPITAL	807	5.3%
5	OTHERS	167	1.1%
9	NOT STATED	622	4.1%
Sysmiss		196921	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #42 h43: Who help during delevery

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=15184 /-] [Invalid=196913 /-]

Value	Label	Cases	Percentage
1	MEDICAL PERSONNEL	1520	10.0%
2	COMMUNITY HEALTH AGENENT	96	0.6%
3	TRAINED TRADITIONAL MIDWIFE	992	6.5%
4	UNTRAINED TRADITIONAL MIDWIFE	6261	41.2%
5	LAY PERSON	4039	26.6%
6	NONE	1650	10.9%
9	NOT STATED	626	4.1%
Sysmiss		196913	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #43 h44: Modern tretment

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=15183 /-] [Invalid=196914 /-]

Value	Label	Cases	Percentage
1	Yes	5475	36.1%
2	No	9074	59.8%
9	not stated	634	4.2%
Sysmiss		196914	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

## File Health and Nutrition

### #44 h45: Tetanus Vaccination

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=15183 /-] [Invalid=196914 /-]

Value	Label	Cases	Percentage
1	Yes	6098	40.2%
2	NO	8417	55.4%
9	NOT STATED	668	4.4%
Sysmiss		196914	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #45 h46: Coplementary Food

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=15183 /-] [Invalid=196914 /-]

Value	Label	Cases	Percentage
0	DURING NETHER	5052	33.3%
1	DURING PREGNANCY	560	3.7%
2	DURING LACTATION	6572	43.3%
3	DURING BOTH	2352	15.5%
9	NOT STATED	647	4.3%
Sysmiss		196914	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #46 n47: Child Serial number

**Information** [Type= continuous] [Format=numeric] [Range= 2-26] [Missing=\*]

**Statistics [NW/ W]** [Valid=32635 /-] [Invalid=179462 /-] [Mean=5.25 /-] [StdDev=2.054 /-]

### #47 n49: Mothers Serial No

**Information** [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=32651 /-] [Invalid=179446 /-] [Mean=2.053 /-] [StdDev=3.186 /-]

### #48 n50: Child Age

**Information** [Type= discrete] [Format=numeric] [Range= 0-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=32651 /-] [Invalid=179446 /-]

*Frequency table not shown (62 Modalities)*

### #49 n51: Birth Order

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=32651 /-] [Invalid=179446 /-] [Mean=3.806 /-] [StdDev=2.349 /-]

Value	Label	Cases	Percentage
1		6637	20.3%
2		5659	17.3%
3		4664	14.3%
4		4070	12.5%
5		3364	10.3%
6		2726	8.3%
7		2010	6.2%
8		2898	8.9%

## File Health and Nutration

### #49 n51: Birth Order

Value	Label	Cases	Percentage
9		623	1.9%
Sysmiss		179446	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #50 n52: Measels

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	YES	15350	47.0%
2	NO	17126	52.5%
9	NOT STATED	174	0.5%
Sysmiss		179447	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #51 n53: BCG

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	YES	16851	51.6%
2	NO	15648	47.9%
9	NOT STATED	151	0.5%
Sysmiss		179447	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #52 n54: DPT

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	YES	16973	52.0%
2	NO	15521	47.5%
9	NOT STATED	156	0.5%
Sysmiss		179447	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #53 n55: POILIO

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	YES	24930	76.4%
2	NO	7584	23.2%
9	NOT STATED	136	0.4%
Sysmiss		179447	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File Health and Nutrition

### #54 n56: VITAMIN A

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	YES	17818	54.6%
2	NO	14685	45.0%
9	NOT STATED	147	0.5%
Sysmiss		179447	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #55 n57: Diarrhea

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	YES	7454	22.8%
2	NO	25065	76.8%
9	NOT STATED	131	0.4%
Sysmiss		179447	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #56 n58: What dose child take for diarrhea

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=7596 /-] [Invalid=204501 /-]

Value	Label	Cases	Percentage
0		1	0.0%
1	O.R.S	1266	16.7%
2	HOME PREPARED LIQUID	731	9.6%
3	OTHER MEDICEN	1820	24.0%
4	1+2	148	1.9%
5	NONE	3451	45.4%
9	NOT STATED	179	2.4%
Sysmiss		204501	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #57 n59: What dose child take at birth

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	Breast milk only	14441	44.2%
2	Warm water	6236	19.1%
3	Butter(fresh)	8376	25.7%
4	Fenugreek	125	0.4%
5	Other milk	1502	4.6%
6	Other	1520	4.7%
9	NOT STATED	450	1.4%
Sysmiss		179447	

## File Health and Nutrition

### #57 n59: What dose child take at birth

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #58 n60: Age breast feeding started

**Information** [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	less than 1 hour	10404	31.9%
2	1_6 hour	12606	38.6%
3	7_12 hour	3068	9.4%
4	13_24 hour	2275	7.0%
5	25_48 hour	1595	4.9%
6	above 48 hour	2297	7.0%
7	not feed	85	0.3%
99	NOT STATED	320	1.0%
Sysmiss		179447	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #59 n61: Being breast fed

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
0		1	0.0%
1	YES	15514	47.5%
2	NO	16989	52.0%
9	NOT STATED	146	0.4%
Sysmiss		179447	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #60 n62: Age begin breast feding

**Information** [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=17099 /-] [Invalid=194998 /-] [Mean=21.494 /-] [StdDev=10.944 /-]

### #61 n63: Type of food given

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
0	Breast milk only	5419	16.6%
1	Other milk	2394	7.3%
2	Cereal	4513	13.8%
3	Enset/false bann	287	0.9%
4	Vegitable	438	1.3%
5	1+2/1+3/1+4	10851	33.2%
6	2+3/2+4	2975	9.1%
7	3+4	407	1.2%
8	Multi_mix	5004	15.3%
9	Not Stated	362	1.1%

## File Health and Nutration

### #61 n63: Type of food given

Value	Label	Cases	Percentage
Sysmiss		179447	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #62 n64: Age start complementary foof

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=27230 /-] [Invalid=184867 /-] [Mean=12.189 /-] [StdDev=19.427 /-]

### #63 n65: Mothers Opinion

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=32650 /-] [Invalid=179447 /-]

Value	Label	Cases	Percentage
1	Normal	22878	70.1%
2	Poor	7657	23.5%
3	Do not know	1819	5.6%
9	Not stated	296	0.9%
Sysmiss		179447	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #64 n66: Child Weight

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1000-99999] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=30689 /-] [Invalid=181408 /-] [Mean=13043.426 /-] [StdDev=14943.887 /-]

### #65 n67: Child Height

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=30692 /-] [Invalid=181405 /-] [Mean=99.521 /-] [StdDev=127.353 /-]

### #66 h14a: Mothers Age

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=31273 /-] [Invalid=180824 /-] [Mean=28.963 /-] [StdDev=7.494 /-]

### #67 h17a: Mothers Education

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=31169 /-] [Invalid=180928 /-] [Mean=1.699 /-] [StdDev=8.336 /-]

### #68 h18a: Mothers Marital Status

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=31169 /-] [Invalid=180928 /-] [Mean=2.076 /-] [StdDev=0.431 /-]

Value	Label	Cases	Percentage
1		521	1.7%
2		28608	91.8%
3		1355	4.3%
4		655	2.1%
9		30	0.1%
Sysmiss		180928	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

<b>File Health and Nutrition</b>			
<b>#69 blk1: Blank Space</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=0 /-] [Invalid=212097 /-]		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
Sysmiss		212097	
<i>Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.</i>			
<b>#70 wgt: Weight factor</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1.07-2257.28] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=212097 /-] [Invalid=0 /-] [Mean=253.511 /-] [StdDev=214.279 /-]		

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## Reports and analytical documents

**Report on Distributive and Service Trade Survey for the year 2008-2009 (2001 E.C)**, Central Statistical Agency of Ethiopia., April 2011, ethiopia [eth], english [eng], "Doc\Reports\Health\_and\_Nutration\_Report\_1998.pdf"

### Description

This report consists of four Chapters where CHAPTER I presents an introduction and objectives of the survey; CHAPTER II deals with the survey methodology, data collection and data processing; CHAPTER III discusses the summary of the survey results and CHAPTER IV presents details statistical tables on the survey findings at national level.

Under Annexes I, II and III, estimation procedures of totals, ratios and sampling errors for selected variables, and survey questionnaire are attached for interested users.

**study document on Distributive and Service Trade Survey for the year 2008-2009 (2001 E.C)**, Central Statistical Agency of Ethiopia., April 2011, Ethiopia [eth], English [eng], "Doc\Reports\Study\_Documentation\_Health\_and\_Nutration\_1998.pdf"

## Questionnaires

**Questionnaire for Distributive and Service Trade Survey for the year 2008-2009 (2001 E.C)**, Central Statistical Agency of Ethiopia., April 2011, ethiopia [eth], English [eng], "Doc\Questionnaires\Health\_and\_Nutrition\_Questionnaire.pdf"

### Description

The Urban Distributive and Service Trade Establishments Survey questionnaire contains the following section (parts):

Section 1: Identification particulars of the distributive/service trade establishment : This section has variables that use to identify each questionnaire uniquely.

Section 2: Basic information of the establishment: This section contains variables that have basic information about the establishments like, type of sector, type of ownership, number of owners by sex, about the establishment's book of accounts, etc...

Section 3.1: Number of persons engaged during the year: This section contains questions that are related to establishments employees number by employment status.

Section 3.2: Wages, salary and other employee benefits paid in Birr: This section contains questions related to employees wages, salary, and other employees benefits paid by employment status.

Section 3.3: Number of permanent employees at the end of the year by salary group: This section has information about the employees by their salary groups.

Section 4.1: Income from commodity sales/trade in service during the year: In this section information about income that comes from commodity sales/trade by type of commodity/service is collected.

Section 4.2: Miscellaneous income during the year: In this section income from different source like, interest, commission, rent income from machinery, share dividend, insurance (if received in cash), other income including donations are collected.

Section 4.3: Income from bedrooms and other recreational service in Birr: In this section income from bedrooms and recreational services like Sauna bath, cinema/theatre, sport facilities, night club and other recreationa service were collected.

Section 5.1: Expenses for the purchase of goods/commodities for sale, during the year: In this section expenses like, from wholesalers, from producers, from retailers, from other by months covered were collected.

Section 5.2: Micellaneous expenses during the year: In this section other expenses like, electric bill, energy, water, minor repair and maintenance, house rent, machinery and other fixed assets rent, advertisement, satationary and packing materials, telephone bill, accounting audit and legal services, transport, insurance premium, commission, banking service, interest paid, personal consumption and different kind of taxes were collected.

Section 6.1: Commodity stock value: In this section value of stock (goods for sale, pther stock like fule, packing materials, etc..) was collected.

Section 6.2: Payable and receivable money: In this section information about debt and receivable money were collected.

Section 7.1. Type and value of fixed assets: This section has questions related to fixed assets of the establishment.

Section 7.2. Annual investment by type and Source: This section has questions related to investment on fixed assets and working capitals.

Section 8: Problems and future plans of the establishment: In this section information about establishment's problems and operational plans were collected.

## Technical documents

**Technical document for Distributive and Service Trade Survey for the year 2008-2009 (2001 E.C)**, Central Statistical Agency of ethiopia., April 2011, Ethiopia [eth], Amharic [amh], "Doc\Technical\Health\_&\_Nutration\_Enumerators\_Manual.pdf"

**Technical document for Distributive and Service Trade Survey for the year 2008-2009 (2001 E.C)**, Central Statistical Agency of ethiopia., April 2011, Ethiopia [eth], Amharic [amh], "Doc\Technical\Health\_&\_Nutration\_Editors\_Manua.pdf"

**Form for Requesting Access to Raw Data**, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Technical\CSA\_data\_request\_form.pdf"

## Other resources

\*\*\* **Untitled** \*\*\*, "docs\report.pdf"

\*\*\* **Untitled** \*\*\*, "docs\HEALTH NUTRIT QUESTIONAIRE.pdf"

\*\*\* **Untitled** \*\*\*, "docs\HEALTH &Nutrition EDit MANUAL.pdf"

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