

South Africa - Migrant Health Follow-Up Study Wave 01 (MHFUS)

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Overview

Identification

ID NUMBER
MHFUS.W1.2023

Version

VERSION DESCRIPTION
Version 1.0

Overview

ABSTRACT
Overview of the Migrant Health Follow-Up Study (MHFUS)

The Migrant Health Follow-up Study (MHFUS) is an observational cohort study that seeks to better understand relationships between migration, urbanisation, and health in a transition setting. The MHFUS cohort includes migrants who leave the Agincourt study area in rural Mpumalanga, usually to access employment and young adult non-movers. The project also draws on the long-standing repository of personal and household data collected through by the Agincourt Health and Demographic Surveillance System (HDSS). The Agincourt HDSS has monitored the health and demographic dynamics of a population of approximately 117,000 individuals of the Bushbuckridge Municipality since 1992.

RESEARCH GOALS:

The study tracks individuals involved in temporary and circular migration and those who choose to stay in their place of origin. Its aim is to uncover how mobile individuals handle chronic diseases, access long-term care, and manage health issues (Ginsburg et al. 2021). One unique aspect is the ability to link current survey data with long-standing demographic surveillance information, providing deeper insights into the interconnected demographic and health dynamics. This approach aims to better understand the factors influencing key health outcomes. By collecting comprehensive healthcare access and treatment data, the project investigates if migration creates obstacles to care. Additionally, the research contributes to understanding migration and urbanisation by examining how migrants adapt to new environments and the impact of out-migration on rural communities.

Coverage

GEOGRAPHIC COVERAGE

The project collects longitudinal data from a cohort of individuals within the Agincourt HDSS and other places such as Gauteng, where those who have migrated settle (Ginsburg et al. 2021). Geographically, the Agincourt HDSS covers an area of approximately 420 square kilometres and is located in the Bushbuckridge District, Mpumalanga in the rural northeast of South Africa close to the Mozambique border (Kahn et al. 2012).

Migrant individuals in the cohort are geographically spread across several provinces in South Africa. Most of the migrants settle within Mpumalanga and in Gauteng and then Limpopo. Fewer participants live in other provinces within South Africa. Very few participants live outside the country.

UNIVERSE

The data release comprises information collected from Wave 1 of the MHFUS, representing the baseline data of the cohort study, where 3092 of the 3800 individuals sampled were interviewed between February 2018 and January 2019.

The recruitment process of study participants took place in 2017 through Initial Household Visits (IHV). This involved visiting the cohort participant's origin households within the Agincourt HDSS to locate participants residing within the HDSS household or to retrieve contact and address information from individuals living outside the Agincourt HDSS (migrants).

During these visits, the fieldwork team sought consent from participants for future contact during the data collection phase.

In the IHV round, we successfully tracked 91.9% of individuals (N=3491) of the simple random sample frame (N=3800) and eventually enrolled and interviewed 81.3% (N=3092) during Wave 1. Approximately 708 individuals did not complete the baseline interview due to reasons such as refusals, physical incapacitation, and demographic factors like age. A few individuals were excluded due to being sampled twice.

Fieldwork operations were carried out by two distinct teams. Those residing in Gauteng, South Africa's economic hub in which the cities of Johannesburg and Pretoria (Tshwane) are located, were interviewed by a fieldwork team situated in Johannesburg. Participants living in or near the Agincourt HDSS area were interviewed by a team based in Agincourt.

Primary data collection for these 3092 individuals during Wave 1 occurred through face-to-face interviews. However, for 20.5% of participants, data were collected via telephone due to challenges in meeting them in person after multiple attempts or because of their distant location from our fieldwork teams in the Agincourt and Johannesburg offices.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

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OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
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MHFUS.W1.2023

Sampling

Sampling Procedure

STUDY SAMPLE, INITIATION AND FOCUS:

The MHFUS started in 2017, after a total of 3800 individuals aged 18 to 40 years were randomly selected from the Agincourt HDSS 2016 census (Ginsburg et al. 2021). This age group was chosen because of (1) high prevalence of temporary migration in the younger adult Agincourt HDSS population, and (2) young adults face unique health challenges and are more likely to migrate, which can impact their well-being. Hence, it is crucial to understand how migration impacts on health and health behaviours in this age group. MHFUS followed an earlier pilot study, which determined that it was possible to contacting and interview migrants both by telephone and in-person, while also pre-testing relevant survey questions (Pheiffer et al. 2019).

Questionnaires

Overview

STUDY QUESTIONNAIRES:

The repository contains data that were collected in Wave 1 of the MHFUS by administering an in-person questionnaire that included a set of questions on socioeconomic and health dimensions including education and employment, current residence, household membership, residence history, social capital, general health, food security and diet, tobacco and alcohol use, sedentary behaviour and sleep, and sexual partnership.

During this face-to-face interview, anthropometric measurements including weight, height, waist circumference, and blood pressure were recorded. Blood pressure and pulse rates were assessed using an Omron digital blood pressure monitor. Weight was determined using a bathroom scale on a flat surface, while waist circumference was measured using a flexible plastic tape, and height was recorded with a stadiometer.

Furthermore, we collected Dried Blood Spots (DBS) for the purpose of conducting tests related to HIV status, viral load, and glycosylated hemoglobin (HbA1c). Specifically, five blood spots were collected on special cards made of Whatman 903 TM filter paper, which were then appropriately prepared and stored at -80°C. Subsequent analysis of these DBS samples was conducted at a reputable laboratory.

Data Collection

Data Collection Dates

Start	End	Cycle
2018	2019	1 Year

Time Periods

Start	End	Cycle
February 2018	January 2019	N/A

Data Collection Notes

DATA COLLECTION AND SCOPE:

This release contains data from Wave 1 of the MHFUS. In future releases, data from Wave 2 to 5 will be released. Waves 1 and 4 involved in-person visits, collecting biometric measures and detailed information on sociodemographic factors, health and health behaviours, including health, education, and occupational history. The study follows a sample of 3092 individuals some of whom migrate and others who remain in the Agincourt HDSS study site, observing migration patterns and associated health and socioeconomic factors. The research is unique in that it tracks and collects data directly from migrants and Agincourt residents in the cohort through face-to-face and telephone interviews.

Data were collected from cohort participants, after informed consent was obtained by trained fieldworkers. Respondents were informed of the purpose of the study and confidentiality of the interview, their right to refuse participation or withdraw from the study, and that scientists would be given access to anonymised data to analyse and publish information. For those who consented to participate, they were also informed of their right to refuse to answer some questions, part of the question or biomarkers.

The Migrant Health Follow-Up Study was granted ethics clearance by the University of the Witwatersrand Human Research Ethics Committee (Medical) (clearance certificate numbers M170277 and M220160) and the Mpumalanga Province Department of Health Research and Ethics Committee.

Questionnaires

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Data Processing

Other Processing

DATA PROCESSING AND QUALITY:

Our field research operations involved a meticulous approach to ensure the accuracy and reliability of the data collected. The questionnaire data underwent stringent quality checks to guarantee its robustness and accuracy. To enhance efficiency and minimize errors, we integrated technology into the data collection process. Our fieldworkers used tablets equipped with the REDCap software, a user-friendly and reliable data collection platform. This technology enabled real-time data entry, data validation, and quality control, ensuring data integrity throughout the process. As part of our commitment to data quality, ongoing data quality checks were carried out by a dedicated team of researchers from both the University of Witwatersrand and Brown University. These checks were instrumental in maintaining the accuracy and reliability of the collected data.

CONSTRUCTED VARIABLES:

This Wave 1 data repository release encompasses both Wave 1 variables (w1) and constructed variables (c1). The 'w1' variables are from the Wave 1 interview, providing baseline variables and indicators. These variables include demographic characteristics, health outcomes and information on health behaviours, etc. Variables with the prefix "c1" are constructed or derived variables which involve combinations, transformations, aggregations or recodes of one or multiple "w1" variables. These constructed variables present more nuanced or summarised information to aid in analysis.

1. Constructed variable for person weight

W1_personwgt This variable allows the user to introduce weights into analyses that adjust for differential participation of sampled individuals in Wave1

2. Constructed variable for successfully interviewed participants

c1_ResponseSuccess This "ResponseSuccess" variable with 3092 observations, relates to the response success of the Wave 1 survey interview.

3. Constructed variable related to geographic location

Explanation about village of origin and current residence

- **Origin village:** Refers to the (anonymised) village within the Agincourt HDSS where the participants origin households are located. Currently, the Agincourt HDSS has 31 villages.
- **Current residence:** Denotes the current location where the participant resides, which may be within or outside the Agincourt HDSS.

c1_pre_origin_cat Represents participant's village of origin that has been anonymised

c1_res_hdssres Represents current place of residence coded as 1 for non-migrants (residence within Agincourt HDSS) and 0 for migrants

c1_res_current_cat Represents the participants current place of residence at an aggregated provincial level. It further distinguished participants resident in the HDSS study site (in Mpumalanga) from participants residing in other parts of the Mpumalanga province. The category "other" includes participants in Limpopo, North West, KwaZulu-Natal, Free State, Eastern Cape, Western Cape and Northern Cape.

4. Constructed variable for participant date of birth and interview date

Below are constructed variables for participants date of birth and date of interview

c1_fwkw_int_m Month when the interview took place

c1_fwkw_int_y Year when the interview took place

c1_pre_dob_y Year of birth of the participant

c1_pre_age Age of the participant

c1_pre_age2018 Age of the participant on the date of the Wave 1 interview

5. Constructed variable for blood pressure readings

Variable name Explanation

c1_avsysbp Wave 1 average of the 2nd and 3rd systolic blood pressure readings

c1_avdiabp Wave 1 average of the 2nd and 3rd diastolic blood pressure readings
 c1_avpulse Wave 1 average of the 2nd and 3rd pulse readings

The inclusion of averages based on the 2nd and 3rd blood pressure reading follows common practice to discard the first reading of physiological parameters like blood pressure or pulse because the initial measurement may be affected by various factors such as stress, patient movement, or equipment calibration.

6. Constructed variables extracted from household roster:

Variable name Explanation

c1_hh_kids Specifies the count of household members under the age of 18

c1_hh_adults Represents the number of household members aged 18 and above

c1_hh_size Represents the overall household population, including adults, children, and respondents

These three essential variables are directly derived from detailed information in the Household Roster, specifically focusing on household member age (c1_hh01_age - c1_hh12_age). These can be utilized to determine the count of adults and children within the household.

Commitment to transparent and ethical data exploration

As custodians of these data, we are committed to facilitating transparent, ethical, and insightful exploration. We hope that this release fosters innovation, encourages collaboration, and yields meaningful discoveries on questions concerning internal migration and health.

Further information on the Migrant Health Follow-Up Study can be found at: <https://sites.brown.edu/migration-and-health/>

For further information on the data release, please contact the MRC/Wits Agincourt data team (

DataRequest@agincourt.co.za). Please submit any customised data requests using the link:

https://data.agincourt.co.za/index.php/auth/login/?destination=access_custom_request

Acknowledgement

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References for key papers

Please find below references to key papers in which we cite the background study and the pilot of the MHFUS study:

1. Ginsburg, C., Collinson, M.A., Gomez-Olive, F.X., Gross, M., Harawa, S., Lurie, M., Mukondwa, K., Pheiffer, C.F., Tollman, S., Wang, R., & White, M.J. (2021). Internal migration and health in South Africa: Determinants of healthcare utilisation in a young adult cohort. *BMC Public Health*, 21:554.
2. Kahn, K., Collinson, M.A., Gómez-Olivé, F.X., et al. (2012). Profile: Agincourt Health and socio-Demographic Surveillance System. *International Journal of Epidemiology*, 41(4), 988-1001.
3. Pheiffer, C.F., McGarvey, S.T., Ginsburg, C., Collinson, M., Gómez-Olivé, F.X., Tollman, S., & White, M.J. (2019). Dimensions of internal migration and their relationship to blood pressure in South Africa. *Journal of Biosocial Science*, 51(6), 827-842.

Data Appraisal

No content available

File Description

Variable List

MHFUS_W1_v1

Content

Cases 3092

Variable(s) 292

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V1	respondent_id	Respondent id	discrete	character	
V2	c1_pre_origin_cat	Represents participant's village of origin that has been anonymised	discrete	character	
V3	c1_res_current_cat	Represents the participants current place of residence at an aggregated provincial level. It further distinguished participants resident in the HDSS study site (in Mpumalanga) from participants residing in other parts of the Mpumalanga province.	discrete	character	
V4	W1_cns_anthro	Informed consent signed for anthropometric measures	discrete	character	
V5	W1_edu_enrol	Currently in school or training	discrete	character	
V6	W1_edu_enrolev	Level of education currently engaged	discrete	character	
V7	W1_edu_enrolev2	level of education currently engaged specify	discrete	character	
V8	W1_edu_fullpart	Full or part-time studies	discrete	character	
V9	W1_edu_highlev	Highest level of education completed	discrete	character	
V10	W1_edu_highlev2	Highest level of education completed specify	discrete	character	
V11	W1_emp_status	Employment status	discrete	character	
V12	W1_emp_type	Type of work	discrete	character	
V13	W1_emp_type2	Type of work specify	discrete	character	
V14	W1_emp_term	Employment contract type	discrete	character	
V15	W1_emp_hrs	Average weekly work hours	discrete	character	
V16	c1_hh_size	Represents the overall household population, including adults, children, and respondents	discrete	numeric	
V17	c1_hh_kids	Specifies the count of household members under the age of 18	discrete	numeric	
V18	c1_hh_adults	Reveals the number of household members aged 18 and above	discrete	numeric	
V19	W1_h01_sex	Person 1 gender	discrete	character	
V20	W1_h01_rel	Person 1 relation to respondent	discrete	character	
V21	W1_h01_rel2	Person 1 relation to respondent specify	discrete	character	
V22	W1_h01_occ	Person 1 occupation	discrete	character	

ID	Name	Label	Type	Format	Question
V23	W1_h01_occ2	Person 1 occupation specify	discrete	character	
V24	W1_h01_age	Person 1 age	contin	numeric	
V25	W1_h02_sex	Person 2 gender	discrete	character	
V26	W1_h02_rel	Person 2 relation to respondent	discrete	character	
V27	W1_h02_rel2	Person 2 relation to respondent specify	discrete	character	
V28	W1_h02_occ	Person 2 occupation	discrete	character	
V29	W1_h02_occ2	Person 2 occupation specify	discrete	character	
V30	W1_h02_age	Person 2 age	contin	numeric	
V31	W1_h03_sex	Person 3 gender	discrete	character	
V32	W1_h03_rel	Person 3 relation to respondent	discrete	character	
V33	W1_h03_rel2	Person 3 relation to respondent specify	discrete	character	
V34	W1_h03_occ	Person 3 occupation	discrete	character	
V35	W1_h03_occ2	Person 3 occupation specify	discrete	character	
V36	W1_h03_age	Person 3 age	contin	numeric	
V37	W1_h04_sex	Person 4 gender	discrete	character	
V38	W1_h04_rel	Person 4 relation to respondent	discrete	character	
V39	W1_h04_rel2	Person 4 relation to respondent specify	discrete	character	
V40	W1_h04_occ	Person 4 occupation	discrete	character	
V41	W1_h04_occ2	Person 4 occupation specify	discrete	character	
V42	W1_h04_age	Person 4 age	contin	numeric	
V43	W1_h05_sex	Person 5 gender	discrete	character	
V44	W1_h05_rel	Person 5 relation to respondent	discrete	character	
V45	W1_h05_rel2	Person 5 relation to respondent specify	discrete	character	
V46	W1_h05_occ	Person 5 occupation	discrete	character	
V47	W1_h05_occ2	Person 5 occupation specify	discrete	character	
V48	W1_h05_age	Person 5 age	contin	numeric	
V49	W1_h06_sex	Person 6 gender	discrete	character	
V50	W1_h06_rel	Person 6 relation to respondent	discrete	character	
V51	W1_h06_rel2	Person 6 relation to respondent specify	discrete	character	
V52	W1_h06_occ	Person 6 occupation	discrete	character	
V53	W1_h06_occ2	Person 6 occupation specify	discrete	character	
V54	W1_h06_age	Person 6 age	contin	numeric	
V55	W1_h07_sex	Person 7 gender	discrete	character	
V56	W1_h07_rel	Person 7 relation to respondent	discrete	character	
V57	W1_h07_rel2	Person 7 relation to respondent specify	discrete	character	
V58	W1_h07_occ	Person 7 occupation	discrete	character	
V59	W1_h07_occ2	Person 7 occupation specify	discrete	character	
V60	W1_h07_age	Person 7 age	contin	numeric	

ID	Name	Label	Type	Format	Question
V61	W1_h08_sex	Person 8 gender	discrete	character	
V62	W1_h08_rel	Person 8 relation to respondent	discrete	character	
V63	W1_h08_rel2	Person 8 relation to respondent specify	discrete	character	
V64	W1_h08_occ	Person 8 occupation	discrete	character	
V65	W1_h08_occ2	Person 8 occupation specify	discrete	character	
V66	W1_h08_age	Person 8 age	contin	numeric	
V67	W1_h09_sex	Person 9 gender	discrete	character	
V68	W1_h09_rel	Person 9 relation to respondent	discrete	character	
V69	W1_h09_rel2	Person 9 relation to respondent specify	discrete	character	
V70	W1_h09_occ	Person 9 occupation	discrete	character	
V71	W1_h09_occ2	Person 9 occupation specify	discrete	numeric	
V72	W1_h09_age	Person 9 age	contin	numeric	
V73	W1_h10_sex	Person 10 gender	discrete	character	
V74	W1_h10_rel	Person 10 relation to respondent	discrete	character	
V75	W1_h10_rel2	Person 10 relation to respondent specify	discrete	character	
V76	W1_h10_occ	Person 10 occupation	discrete	character	
V77	W1_h10_occ2	Person 10 occupation specify	discrete	numeric	
V78	W1_h10_age	Person 10 age	contin	numeric	
V79	W1_h11_sex	Person 11 gender	discrete	character	
V80	W1_h11_rel	Person 11 relation to respondent	discrete	character	
V81	W1_h11_rel2	Person 11 relation to you specify	discrete	character	
V82	W1_h11_occ	Person 11 occupation	discrete	character	
V83	W1_h11_occ2	Person 11 occupation specify	discrete	numeric	
V84	W1_h11_age	Person 11 age	contin	numeric	
V85	W1_h12_sex	Person 12 gender	discrete	character	
V86	W1_h12_rel	Person 12 relation to respondent	discrete	character	
V87	W1_h12_rel2	Person 12 relation to respondent specify	discrete	character	
V88	W1_h12_occ	Person 12 occupation	discrete	character	
V89	W1_h12_occ2	Person 12 occupation specify	discrete	numeric	
V90	W1_h12_age	Person 12 age	contin	numeric	
V91	W1_rhs_outhdss	Lived elsewhere >6mo since age 15	discrete	character	
V92	W1_rhs_mighist	Lived elsewhere >6mo since age 15(excl. current or origin)	discrete	numeric	
V93	W1_soc_famnear	Family nearby	discrete	character	
V94	W1_soc_famhelp	Received family help	discrete	character	
V95	W1_soc_famfood	Assistance type - Food	discrete	character	
V96	W1_soc_fammoney	Assistance type - Money	discrete	character	
V97	W1_soc_famhouse	Assistance type - Groceries	discrete	character	
V98	W1_soc_famuni	Assistance type - Uniform	discrete	character	

ID	Name	Label	Type	Format	Question
V99	W1_soc_famcloth	Assistance type - Clothing	discrete	character	
V100	W1_soc_famchild	Assistance type - Childcare	discrete	character	
V101	W1_soc_famtrans	Assistance type - Transport	discrete	character	
V102	W1_soc_famsick	Assistance type - Sick care	discrete	character	
V103	W1_soc_famcold	Assistance type - Elderly care	discrete	character	
V104	W1_soc_famfuel	Assistance type - Fuel	discrete	character	
V105	W1_soc_famchore	Assistance type - Household chores	discrete	character	
V106	W1_soc_famguide	Assistance type - Guidance	discrete	character	
V107	W1_soc_famwork	Assistance type - Job help	discrete	character	
V108	W1_soc_famoth	Assistance type - Other	discrete	character	
V109	W1_soc_famdk	Assistance type - Unsure	discrete	character	
V110	W1_soc_famspec	Assistance type- Unsure specify	discrete	character	
V111	W1_soc_fndnear	Nearby friend	discrete	character	
V112	W1_soc_fndhelp	Friend assistance	discrete	character	
V113	W1_soc_fndfood	Assistance type - Food	discrete	character	
V114	W1_soc_fndmoney	Assistance type - Money	discrete	character	
V115	W1_soc_fndhouse	Assistance type - Groceries	discrete	character	
V116	W1_soc_fnduni	Assistance type - Uniform	discrete	character	
V117	W1_soc_fndcloth	Assistance type - Clothing	discrete	character	
V118	W1_soc_fndchild	Assistance type - Childcare	discrete	character	
V119	W1_soc_fndtrans	Assistance type - Transport	discrete	character	
V120	W1_soc_fndsick	Assistance type - Sick care	discrete	character	
V121	W1_soc_fndcold	Assistance type - Elderly care	discrete	character	
V122	W1_soc_fndfuel	Assistance type - Fuel	discrete	character	
V123	W1_soc_fndchore	Assistance type - Household chores	discrete	character	
V124	W1_soc_fndguide	Assistance type - Guidance	discrete	character	
V125	W1_soc_fndwork	Assistance type - Job help	discrete	character	
V126	W1_soc_fndoth	Assistance type - Other	discrete	character	
V127	W1_soc_fnddk	Assistance type - Unsure	discrete	character	
V128	W1_soc_fnds-spec	Assistance type- Unsure specify	discrete	character	
V129	W1_hea_srh1	Health today rating	discrete	character	
V130	W1_hea_srh2	Health compared to last year	discrete	character	
V131	W1_hea_srh3	Health compared to peers	discrete	character	
V132	W1_hea_difftask	Difficulty in work or household	discrete	character	
V133	W1_hea_sick	Sick and unable to work or school	discrete	character	
V134	W1_hea_sickdur	Duration of sickness	discrete	character	
V135	W1_hea_sickmo	Continuous sickness past year	discrete	character	
V136	W1_hea_dx	Diagnosis of chronic illness	discrete	character	

ID	Name	Label	Type	Format	Question
V137	W1_hea_dxhbp	Diagnosed with hypertension	discrete	character	
V138	W1_hea_dxdms	Diagnosed with diabetes	discrete	character	
V139	W1_hea_dxchol	Diagnosed with high cholesterol	discrete	character	
V140	W1_hea_dxhiv	Diagnosed with HIV	discrete	character	
V141	W1_hea_dxtbs	Diagnosed with TB	discrete	character	
V142	W1_hea_dxasthm	Diagnosed with asthma	discrete	character	
V143	W1_hea_dxcopd	Diagnosed with COPD or emphysema	discrete	character	
V144	W1_hea_dxdepre	Diagnosed with depression mental health	discrete	character	
V145	W1_hea_dxstk	Diagnosed with stroke	discrete	character	
V146	W1_hea_dxoth	Diagnosed with other illness	discrete	character	
V147	W1_hea_dxdk	Don't know diagnosis	discrete	character	
V148	W1_hea_dxoth2	Don't know diagnosis specify	discrete	character	
V149	W1_hea_med	Chronic medication usage	discrete	character	
V150	W1_hea_medhbp	Currently medicated for hypertension	discrete	character	
V151	W1_hea_meddms	Currently medicated for diabetes	discrete	character	
V152	W1_hea_medchol	Currently medicated for high cholesterol	discrete	character	
V153	W1_hea_medhiv	Currently medicated for HIV	discrete	character	
V154	W1_hea_medtbs	Currently medicated for TB	discrete	character	
V155	W1_hea_medasthm	Currently medicated for asthma	discrete	character	
V156	W1_hea_medcopd	Currently medicated for COPD or emphysema	discrete	character	
V157	W1_hea_meddepre	Currently medicated for mental health	discrete	character	
V158	W1_hea_medstk	Currently medicated for stroke	discrete	character	
V159	W1_hea_medother	Other current medication use	discrete	character	
V160	W1_hea_meddk	Unsure of current medication usage	discrete	character	
V161	W1_hea_medspec	Unsure of current medication usage specify	discrete	character	
V162	W1_hbp_dx_m	hypertension diagnosis (month)	discrete	character	
V163	W1_hbp_dx_y	hypertension diagnosis (year)	discrete	numeric	
V164	W1_hbp_treat	Seeking treatment for hypertension in past 12 months	discrete	character	
V165	W1_hbp_lapse	Difficulty accessing hypertension treatment in past 12 months	discrete	character	
V166	W1_hbp_lapsewhy1	Reason for difficulty accessing hypertension treatment	discrete	character	
V167	W1_hbp_lapsewhy2	Reason for difficulty accessing hypertension treatment specify	discrete	character	
V168	W1_dms_dx_m	Diabetes diagnosis (month)	discrete	character	
V169	W1_dms_dx_y	Diabetes diagnosis (year)	discrete	numeric	
V170	W1_dms_treat	Seeking treatment for diabetes in past 12 months	discrete	character	
V171	W1_dms_lapse	Difficulty accessing diabetes treatment in past 12 months	discrete	character	
V172	W1_dms_lapsewhy1	Reason for difficulty accessing diabetes treatment	discrete	character	
V173	W1_dms_lapsewhy2	Reason for difficulty accessing diabetes treatment specify	discrete	numeric	

ID	Name	Label	Type	Format	Question
V174	W1_stk_dx_m	Stroke diagnosis by medical professional (month)	discrete	character	
V175	W1_stk_dx_y	Stroke diagnosis by medical professional (year)	discrete	numeric	
V176	W1_stk_treat	Seeking treatment for stroke in past 12 months Seeking treatment for stroke in past 12 months	discrete	character	
V177	W1_stk_lapse	Difficulty accessing stroke treatment in past 12 months	discrete	character	
V178	W1_stk_lapsewhy1	Reason for difficulty accessing stroke treatment	discrete	numeric	
V179	W1_stk_lapsewhy2	Reason for difficulty accessing stroke treatment specify	discrete	numeric	
V180	W1_tbs_dx_m	TB diagnosis (month)	discrete	character	
V181	W1_tbs_dx_y	TB diagnosis (year)	discrete	numeric	
V182	W1_tbs_treat	Seeking treatment for TB in past 12 months	discrete	character	
V183	W1_tbs_lapse	Difficulty accessing TB treatment in past 12 months	discrete	character	
V184	W1_tbs_lapsewhy1	Reason for difficulty accessing TB treatment	discrete	numeric	
V185	W1_tbs_lapsewhy2	Reason for difficulty accessing TB treatment specify	discrete	numeric	
V186	W1_hiv_dx_m	HIV diagnosis (month)	discrete	character	
V187	W1_hiv_dx_y	HIV diagnosis (year)	contin	numeric	
V188	W1_hiv_treat	Seeking treatment for HIV in past 12 months	discrete	character	
V189	W1_hiv_lapse	Difficulty accessing HIV treatment in past 12 months	discrete	character	
V190	W1_hiv_lapsewhy1	Reason for difficulty accessing HIV treatment	discrete	character	
V191	W1_hiv_lapsewhy2	Reason for difficulty accessing HIV treatment specify	discrete	character	
V192	W1_foo_fastfood	Fast food meals per week	discrete	character	
V193	W1_foo_hungr	Household food shortage (Last 3 mo.)	discrete	character	
V194	W1_foo_hungrfreq	Frequency of food shortage (Last 3 mo.)	discrete	character	
V195	W1_foo_hungryr	Household food shortage (Last 1 yr.)	discrete	character	
V196	W1_foo_chicken	Consumption - chicken	discrete	character	
V197	W1_foo_redmeat	Consumption - red meat	discrete	character	
V198	W1_foo_procmeat	Consumption - processed meat	discrete	character	
V199	W1_foo_tradmeat	Consumption - traditional meat	discrete	character	
V200	W1_foo_fish	Consumption - fish	discrete	character	
V201	W1_foo_egg	Consumption - eggs	discrete	character	
V202	W1_foo_milk	Consumption - milk	discrete	character	
V203	W1_foo_cremora	Consumption - non-dairy creamer	discrete	character	
V204	W1_foo_yogurt	Consumption - yogurt	discrete	character	
V205	W1_foo_cheese	Consumption - cheese	discrete	character	
V206	W1_foo_legume	Consumption - legumes	discrete	character	
V207	W1_foo_nuts	Consumption - peanuts and nuts	discrete	character	
V208	W1_foo_bread	Consumption - white bread	discrete	character	
V209	W1_foo_brnbread	Consumption - brown bread	discrete	character	
V210	W1_foo_cereal	Consumption - breakfast cereal	discrete	character	

ID	Name	Label	Type	Format	Question
V211	W1_foo_porridge	Consumption - porridge	discrete	character	
V212	W1_foo_fried	Consumption - fat cakes	discrete	character	
V213	W1_foo_marg	Consumption - margarine	discrete	character	
V214	W1_foo_greenveg	Consumption - green vegetables	discrete	character	
V215	W1_foo_saladveg	Consumption - salad vegetables	discrete	character	
V216	W1_foo_otherveg	Consumption - other vegetables	discrete	character	
V217	W1_foo_boilpot	Consumption - boiled potatoes	discrete	character	
V218	W1_foo_frypot	Consumption - fried potatoes	discrete	character	
V219	W1_foo_citrus	Consumption - citrus fruits	discrete	character	
V220	W1_foo_othfruit	Consumption - other fruits	discrete	character	
V221	W1_foo_juice	Consumption - fruit juice	discrete	character	
V222	W1_foo_starch	Consumption - rice and pasta	discrete	character	
V223	W1_foo_corn	Consumption - samp and mielie rice	discrete	character	
V224	W1_foo_cake	Consumption - cakes and biscuits	discrete	character	
V225	W1_foo_pudding	Consumption - puddings	discrete	character	
V226	W1_foo_oil	Consumption - cooking fat and oil	discrete	character	
V227	W1_foo_sweets	Consumption - sweets and chocolates	discrete	character	
V228	W1_foo_crisps	Consumption - crisps and snacks	discrete	character	
V229	W1_foo_sugar	Consumption - added sugar	discrete	character	
V230	W1_foo_teaoff	Consumption - tea and coffee	discrete	character	
V231	W1_foo_softdrnk	Consumption - high-energy soft drinks	discrete	character	
V232	W1_foo_dietdrnk	Consumption - diet soft drinks	discrete	character	
V233	W1_foo_sauce	Consumption - sauces	discrete	character	
V234	W1_foo_alcohol	Consumption - alcoholic beverages	discrete	character	
V235	W1_tob_ever	Ever smoked regularly	discrete	character	
V236	W1_tob_now	Current tobacco use	discrete	character	
V237	W1_tob_freq	Frequency of tobacco use	discrete	character	
V238	W1_tob_startage	Age started smoking	discrete	character	
V239	W1_tob_ncigs	Average daily tobacco use	discrete	character	
V240	W1_tob_stop_m	Month quit smoking	discrete	character	
V241	W1_tob_stop_y	Year quit smoking	contin	numeric	
V242	W1_alc_ever	Alcohol use in last 12 months	discrete	character	
V243	W1_alc_freq	Frequency of alcohol use	discrete	character	
V244	W1_alc_ndrinks	Amount of alcohol consumed per day	discrete	character	
V245	W1_alc_drunk	Alcohol-Related intoxication in the past month	discrete	character	
V246	W1_alc_drunkfreq	Frequency of intoxication Last month	discrete	character	
V247	W1_sed_sit	Sitting time per day	discrete	character	
V248	W1_sed_exerfreq	Exercise days per week	discrete	character	

ID	Name	Label	Type	Format	Question
V249	W1_sed_exerdur	Exercise duration on active days	discrete	character	
V250	W1_slp_bedtime	Bedtime in past month	discrete	character	
V251	W1_slp_falldur	Time to fall asleep in past month	discrete	character	
V252	W1_slp_risetime	Wake-up time in past month	discrete	character	
V253	W1_slp_hrs	Hours of sleep per night	discrete	character	
V254	W1_slp_delay	Difficulty falling asleep	discrete	character	
V255	W1_slp_disrupt	Nighttime awakenings	discrete	character	
V256	W1_slp_nobreath	Breathing discomfort	discrete	character	
V257	W1_slp_snore	Loud coughing or snoring	discrete	character	
V258	W1_slp_pain	Loud coughing or snoring	discrete	character	
V259	c1_avsysbp	W1 Avg. 2nd and 3rd SBP	contin	numeric	
V260	c1_avdiabp	W1 Avg. 2nd and 3rd DBP	contin	numeric	
V261	c1_avpulse	W1 Avg. 2nd and 3rd Pulse	contin	numeric	
V262	W1_ant_height	Height (cm)	contin	numeric	
V263	W1_ant_weight	Weight (kgs)	contin	numeric	
V264	W1_ant_bmi	Body Mass Index	contin	numeric	
V265	W1_ant_waist	Waist circumference (cm)	contin	numeric	
V266	W1_sxb_npnr	Sexual partners in last 12 months	contin	numeric	
V267	W1_sxb_npnr_tot	Lifetime sexual partners count	contin	numeric	
V268	W1_sxb_sex_m	Last intercourse month	discrete	character	
V269	W1_sxb_sex_y	Last intercourse year	contin	numeric	
V270	W1_sxb_parttype	Recent partner type	discrete	character	
V271	W1_sxb_cond	Condom use in last intercourse	discrete	character	
V272	W1_sxb_condwhyno	Reason for not using a condom	discrete	character	
V273	W1_sxb_condwhyno2	Reason for not using a condom specify	discrete	character	
V274	W1_sxb_partniv	Knowledge of partner HIV status	discrete	character	
V275	W1_sxb_relship	Relationship with current partner	discrete	character	
V276	W1_sxb_cohab_m	Start married or cohabitation month	discrete	character	
V277	W1_sxb_cohab_y	Start married or cohabitation year	contin	numeric	
V278	W1_sxb_partnow	Ongoing relationship	discrete	character	
V279	W1_sxb_sti	Symptoms or diagnosis STD	discrete	character	
V280	z1_prg_status	Pregnancy in anthropometric module	discrete	character	
V281	W1_fwkw_intdurfw	Interview Time	contin	numeric	
V282	c1_res_hdssres	Agincourt resident	discrete	numeric	
V283	c1_responsesuccess	W1 interview success	discrete	numeric	
V284	c1_fwkw_int_d	W1 interview date	contin	numeric	
V285	c1_fwkw_int_m	c1_fwkw_int_m	discrete	numeric	
V286	c1_fwkw_int_y	W1 interview year	discrete	numeric	

ID	Name	Label	Type	Format	Question
V287	c1_pre_dob_y	Dob year	contin	numeric	
V288	c1_pre_age	Age at w1 interview	contin	numeric	
V289	c1_pre_age2018	Age as of 01JAN2018	contin	numeric	
V290	respondent_sex	Created Sex-Gender variable	discrete	character	
V291	W1_personwgt	Wave 1 Person Post-Sampling Weight	contin	numeric	
V292	W1_repository	Wave 1 Repository Dataset Indicator	discrete	numeric	

Respondent id (respondent_id)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 5

Valid cases: 3092
Invalid: 0

Represents participant's village of origin that has been anonymised
(c1_pre_origin_cat)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 5

Valid cases: 3092
Invalid: 0

Represents the participants current place of residence at an aggregated provincial level. It further distinguished participants resident in the HDSS study site (in Mpumalanga) from participants residing in other parts of the Mpumalanga province.

(c1_res_current_cat)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 3092
Invalid: 0

Informed consent signed for anthropometric measures
(W1_cns_anthro)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 3092
Invalid: 0

Currently in school or training (W1_edu_enrol)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 3092
Invalid: 0

Level of education currently engaged (W1_edu_enrolev)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 48

Valid cases: 455
 Invalid: 0

level of education currently engaged specify (W1_edu_enrolev2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 27

Valid cases: 4
 Invalid: 0

Full or part-time studies (W1_edu_fullpart)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 457
 Invalid: 0

Highest level of education completed (W1_edu_highlev)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 51

Valid cases: 3092
 Invalid: 0

Highest level of education completed specify (W1_edu_highlev2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 29

Valid cases: 27
 Invalid: 0

Employment status (W1_emp_status)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 35

Valid cases: 3092
 Invalid: 0

Type of work (W1_emp_type)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 52

Valid cases: 1409
 Invalid: 0

Type of work specify (W1_emp_type2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 37

Valid cases: 231
 Invalid: 0

Employment contract type (W1_emp_term)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 26

Valid cases: 1415
 Invalid: 0

Average weekly work hours (W1_emp_hrs)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 10

Valid cases: 1416
 Invalid: 0

Represents the overall household population, including adults,
 children, and respondents (c1_hh_size)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 1-13

Valid cases: 3092
 Invalid: 0

Specifies the count of household members under the age of 18
 (c1_hh_kids)

File: MHFUS_W1_v1

Overview

Specifies the count of household members under the age of 18
(c1_hh_kids)

File: MHFUS_W1_v1

Type: Discrete
Format: numeric
Decimals: 0
Range: 0-8

Valid cases: 3092
Invalid: 0

Reveals the number of household members aged 18 and above
(c1_hh_adults)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 1-12

Valid cases: 3092
Invalid: 0

Person 1 gender (W1_h01_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 2329
Invalid: 0

Person 1 relation to respondent (W1_h01_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 35

Valid cases: 2329
Invalid: 0

Person 1 relation to respondent specify (W1_h01_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 58
Invalid: 0

Person 1 occupation (W1_h01_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 2329
Invalid: 0

Person 1 occupation specify (W1_h01_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 28

Valid cases: 99
 Invalid: 0

Person 1 age (W1_h01_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1-98

Valid cases: 2331
 Invalid: 761
 Minimum: 1
 Maximum: 98
 Mean: 44
 Standard deviation: 23.5

Person 2 gender (W1_h02_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 6

Valid cases: 1932
 Invalid: 0

Person 2 relation to respondent (W1_h02_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 35

Valid cases: 1934
 Invalid: 0

Person 2 relation to respondent specify (W1_h02_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 20

Valid cases: 64
 Invalid: 0

Person 2 occupation (W1_h02_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 52

Valid cases: 1934
 Invalid: 0

Person 2 occupation specify (W1_h02_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 23

Valid cases: 46
Invalid: 0

Person 2 age (W1_h02_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-96

Valid cases: 1933
Invalid: 1159
Minimum: 0
Maximum: 96
Mean: 27
Standard deviation: 18.4

Person 3 gender (W1_h03_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 1539
Invalid: 0

Person 3 relation to respondent (W1_h03_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 35

Valid cases: 1539
Invalid: 0

Person 3 relation to respondent specify (W1_h03_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 42
Invalid: 0

Person 3 occupation (W1_h03_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 1538
Invalid: 0

Person 3 occupation specify (W1_h03_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 7
Invalid: 0

Person 3 age (W1_h03_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-93

Valid cases: 1539
Invalid: 1553
Minimum: 0
Maximum: 93
Mean: 18.2
Standard deviation: 12.8

Person 4 gender (W1_h04_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 1123
Invalid: 0

Person 4 relation to respondent (W1_h04_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 35

Valid cases: 1123
Invalid: 0

Person 4 relation to respondent specify (W1_h04_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 33
Invalid: 0

Person 4 occupation (W1_h04_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 1121
Invalid: 0

Person 4 occupation specify (W1_h04_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 14

Valid cases: 3
Invalid: 0

Person 4 age (W1_h04_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-84

Valid cases: 1123
Invalid: 1969
Minimum: 0
Maximum: 84
Mean: 14.6
Standard deviation: 10.9

Person 5 gender (W1_h05_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 758
Invalid: 0

Person 5 relation to respondent (W1_h05_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 35

Valid cases: 758
Invalid: 0

Person 5 relation to respondent specify (W1_h05_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 15

Valid cases: 22
Invalid: 0

Person 5 occupation (W1_h05_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 757
Invalid: 0

Person 5 occupation specify (W1_h05_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 6

Valid cases: 2
 Invalid: 0

Person 5 age (W1_h05_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 0-83

Valid cases: 758
 Invalid: 2334
 Minimum: 0
 Maximum: 83
 Mean: 13
 Standard deviation: 10.2

Person 6 gender (W1_h06_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 6

Valid cases: 531
 Invalid: 0

Person 6 relation to respondent (W1_h06_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 35

Valid cases: 531
 Invalid: 0

Person 6 relation to respondent specify (W1_h06_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 10
 Invalid: 0

Person 6 occupation (W1_h06_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 52

Valid cases: 531
 Invalid: 0

Person 6 occupation specify (W1_h06_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 7

Valid cases: 6
Invalid: 0

Person 6 age (W1_h06_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-82

Valid cases: 531
Invalid: 2561
Minimum: 0
Maximum: 82
Mean: 11.7
Standard deviation: 9.6

Person 7 gender (W1_h07_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 343
Invalid: 0

Person 7 relation to respondent (W1_h07_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 35

Valid cases: 345
Invalid: 0

Person 7 relation to respondent specify (W1_h07_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 11
Invalid: 0

Person 7 occupation (W1_h07_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 345
Invalid: 0

Person 7 occupation specify (W1_h07_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 3
Invalid: 0

Person 7 age (W1_h07_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-87

Valid cases: 345
Invalid: 2747
Minimum: 0
Maximum: 87
Mean: 10.9
Standard deviation: 10.3

Person 8 gender (W1_h08_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 171
Invalid: 0

Person 8 relation to respondent (W1_h08_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 35

Valid cases: 171
Invalid: 0

Person 8 relation to respondent specify (W1_h08_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 4
Invalid: 0

Person 8 occupation (W1_h08_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 45

Valid cases: 171
Invalid: 0

Person 8 occupation specify (W1_h08_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 2
Invalid: 0

Person 8 age (W1_h08_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-79

Valid cases: 171
Invalid: 2921
Minimum: 0
Maximum: 79
Mean: 9.9
Standard deviation: 10.5

Person 9 gender (W1_h09_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 102
Invalid: 0

Person 9 relation to respondent (W1_h09_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 20

Valid cases: 102
Invalid: 0

Person 9 relation to respondent specify (W1_h09_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 2
Invalid: 0

Person 9 occupation (W1_h09_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 45

Valid cases: 102
Invalid: 0

Person 9 occupation specify (W1_h09_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0

Valid cases: 0
Invalid: 3092

Person 9 age (W1_h09_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 0-66

Valid cases: 102
Invalid: 2990
Minimum: 0
Maximum: 66
Mean: 8.7
Standard deviation: 9.5

Person 10 gender (W1_h10_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 52
Invalid: 0

Person 10 relation to respondent (W1_h10_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 14

Valid cases: 52
Invalid: 0

Person 10 relation to respondent specify (W1_h10_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 2
Invalid: 0

Person 10 occupation (W1_h10_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 52
Invalid: 0

Person 10 occupation specify (W1_h10_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0

Valid cases: 0
 Invalid: 3092

Person 10 age (W1_h10_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1-30

Valid cases: 52
 Invalid: 3040
 Minimum: 1
 Maximum: 30
 Mean: 7.1
 Standard deviation: 6.5

Person 11 gender (W1_h11_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 6

Valid cases: 35
 Invalid: 0

Person 11 relation to respondent (W1_h11_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 35
 Invalid: 0

Person 11 relation to you specify (W1_h11_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 1
 Invalid: 0

Person 11 occupation (W1_h11_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 45

Valid cases: 35
 Invalid: 0

Person 11 occupation specify (W1_h11_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0

Valid cases: 0
 Invalid: 3092

Person 11 age (W1_h11_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 0-39

Valid cases: 35
 Invalid: 3057
 Minimum: 0
 Maximum: 39
 Mean: 9.5
 Standard deviation: 10

Person 12 gender (W1_h12_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 6

Valid cases: 21
 Invalid: 0

Person 12 relation to respondent (W1_h12_rel)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 21
 Invalid: 0

Person 12 relation to respondent specify (W1_h12_rel2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 1
 Invalid: 0

Person 12 occupation (W1_h12_occ)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 45

Valid cases: 21
 Invalid: 0

Person 12 occupation specify (W1_h12_occ2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0

Valid cases: 0
 Invalid: 3092

Person 12 age (W1_h12_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1-54

Valid cases: 21
 Invalid: 3071
 Minimum: 1
 Maximum: 54
 Mean: 11.2
 Standard deviation: 14.3

Lived elsewhere >6mo since age 15 (W1_rhs_outhdss)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 1760
 Invalid: 0

Lived elsewhere >6mo since age 15(excl. current or origin)
 (W1_rhs_mighist)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 0-5

Valid cases: 1968
 Invalid: 1124

Family nearby (W1_soc_famnear)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 3090
 Invalid: 0

Received family help (W1_soc_famhelp)

File: MHFUS_W1_v1

Overview

Received family help (W1_soc_famhelp)

File: MHFUS_W1_v1

Type: Discrete
 Format: character
 Width: 9

Valid cases: 1986
 Invalid: 0

Assistance type - Food (W1_soc_famfood)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Money (W1_soc_fammoney)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Groceries (W1_soc_famhouse)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Uniform (W1_soc_famuni)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Clothing (W1_soc_famcloth)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Childcare (W1_soc_famchild)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Transport (W1_soc_famtrans)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Sick care (W1_soc_famsick)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Elderly care (W1_soc_famcold)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Fuel (W1_soc_famfuel)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Household chores (W1_soc_famchore)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Guidance (W1_soc_famguide)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Job help (W1_soc_famwork)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Other (W1_soc_famoth)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Unsure (W1_soc_famdk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type- Unsure specify (W1_soc_famspec)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 34

Valid cases: 3
 Invalid: 0

Nearby friend (W1_soc_fndnear)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3089
 Invalid: 0

Friend assistance (W1_soc_fndhelp)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 1862
 Invalid: 0

Assistance type - Food (W1_soc_fndfood)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Money (W1_soc_fndmoney)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Groceries (W1_soc_fndhouse)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Uniform (W1_soc_fnduni)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Clothing (W1_soc_fndcloth)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Childcare (W1_soc_fndchild)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Transport (W1_soc_fndtrans)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Sick care (W1_soc_fndsick)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Elderly care (W1_soc_fndcold)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Fuel (W1_soc_fndfuel)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Household chores (W1_soc_fndchore)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Guidance (W1_soc_fndguide)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Job help (W1_soc_fndwork)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Other (W1_soc_fndoth)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type - Unsure (W1_soc_fnddk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Assistance type- Unsure specify (W1_soc_fnds spec)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 28

Valid cases: 17
 Invalid: 0

Health today rating (W1_he_a_srh1)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3090
 Invalid: 0

Health compared to last year (W1_hea_srh2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 11

Valid cases: 3090
Invalid: 0

Health compared to peers (W1_hea_srh3)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 11

Valid cases: 3090
Invalid: 0

Difficulty in work or household (W1_hea_difftask)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 3090
Invalid: 0

Sick and unable to work or school (W1_hea_sick)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 3090
Invalid: 0

Duration of sickness (W1_hea_sickdur)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 243
Invalid: 0

Continuous sickness past year (W1_hea_sickmo)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 3089
Invalid: 0

Diagnosis of chronic illness (W1_hea_dx)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3090
 Invalid: 0

Diagnosed with hypertension (W1_hea_dxhbp)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with diabetes (W1_hea_dxdms)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with high cholesterol (W1_hea_dxchol)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with HIV (W1_hea_dxhiv)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with TB (W1_hea_dxtbs)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with asthma (W1_hea_dxasthm)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with COPD or emphysema (W1_hea_dxcopd)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with depression mental health (W1_hea_dxdepre)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with stroke (W1_hea_dxstk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Diagnosed with other illness (W1_hea_dxoth)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Don't know diagnosis (W1_hea_dxdk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Don't know diagnosis specify (W1_hea_dxoth2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 18

Valid cases: 19
 Invalid: 0

Chronic medication usage (W1_hea_med)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 334
 Invalid: 0

Currently medicated for hypertension (W1_hea_medhbp)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for diabetes (W1_hea_meddms)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for high cholesterol (W1_hea_medchol)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for HIV (W1_hea_medhiv)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for TB (W1_hea_medtbs)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for asthma (W1_hea_medasthm)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for COPD or emphysema (W1_hea_medcopd)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for mental health (W1_hea_meddepre)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Currently medicated for stroke (W1_hea_medstk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Other current medication use (W1_hea_medother)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3092
 Invalid: 0

Unsure of current medication usage (W1_hea_meddk)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 3092
Invalid: 0

Unsure of current medication usage specify (W1_hea_medspec)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 13
Invalid: 0

hypertension diagnosis (month) (W1_hbp_dx_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 45
Invalid: 0

hypertension diagnosis (year) (W1_hbp_dx_y)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 2000-2018

Valid cases: 45
Invalid: 3047

Seeking treatment for hypertension in past 12 months (W1_hbp_treat)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 45
Invalid: 0

Difficulty accessing hypertension treatment in past 12 months (W1_hbp_lapse)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 21
Invalid: 0

Reason for difficulty accessing hypertension treatment

(W1_hbp_lapsewhy1)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 2
Invalid: 0

Reason for difficulty accessing hypertension treatment specify

(W1_hbp_lapsewhy2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 31

Valid cases: 1
Invalid: 0

Diabetes diagnosis (month) (W1_dms_dx_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 6
Invalid: 0

Diabetes diagnosis (year) (W1_dms_dx_y)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 2003-2017

Valid cases: 6
Invalid: 3086

Seeking treatment for diabetes in past 12 months (W1_dms_treat)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 6
Invalid: 0

Difficulty accessing diabetes treatment in past 12 months

(W1_dms_lapse)

File: MHFUS_W1_v1

Overview

Difficulty accessing diabetes treatment in past 12 months (W1_dms_lapse)

File: MHFUS_W1_v1

Type: Discrete
Format: character
Width: 3

Valid cases: 4
Invalid: 0

Reason for difficulty accessing diabetes treatment (W1_dms_lapsewhy1)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 38

Valid cases: 1
Invalid: 0

Reason for difficulty accessing diabetes treatment specify (W1_dms_lapsewhy2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0

Valid cases: 0
Invalid: 3092

Stroke diagnosis by medical professional (month) (W1_stk_dx_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 4

Valid cases: 1
Invalid: 0

Stroke diagnosis by medical professional (year) (W1_stk_dx_y)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0
Range: 2017-2017

Valid cases: 1
Invalid: 3091

Seeking treatment for stroke in past 12 months Seeking treatment for stroke in past 12 months (W1_stk_treat)

File: MHFUS_W1_v1

Overview

Seeking treatment for stroke in past 12 months Seeking treatment for stroke in past 12 months (W1_stk_treat)

File: MHFUS_W1_v1

Type: Discrete
Format: character
Width: 3

Valid cases: 1
Invalid: 0

Difficulty accessing stroke treatment in past 12 months (W1_stk_lapse)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1
Invalid: 0

Reason for difficulty accessing stroke treatment (W1_stk_lapsewhy1)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0

Valid cases: 0
Invalid: 3092

Reason for difficulty accessing stroke treatment specify (W1_stk_lapsewhy2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: numeric
Decimals: 0

Valid cases: 0
Invalid: 3092

TB diagnosis (month) (W1_tbs_dx_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 10
Invalid: 0

TB diagnosis (year) (W1_tbs_dx_y)

File: MHFUS_W1_v1

Overview

TB diagnosis (year) (W1_tbs_dx_y)

File: MHFUS_W1_v1

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 2000-2018

Valid cases: 10
 Invalid: 3082

Seeking treatment for TB in past 12 months (W1_tbs_treat)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 10
 Invalid: 0

Difficulty accessing TB treatment in past 12 months (W1_tbs_lapse)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 2

Valid cases: 7
 Invalid: 0

Reason for difficulty accessing TB treatment (W1_tbs_lapsewhy1)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0

Valid cases: 0
 Invalid: 3092

Reason for difficulty accessing TB treatment specify
(W1_tbs_lapsewhy2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0

Valid cases: 0
 Invalid: 3092

HIV diagnosis (month) (W1_hiv_dx_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 246
 Invalid: 0

HIV diagnosis (year) (W1_hiv_dx_y)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1991-2019

Valid cases: 246
 Invalid: 2846
 Minimum: 1991
 Maximum: 2019
 Mean: 2013.9
 Standard deviation: 3.6

Seeking treatment for HIV in past 12 months (W1_hiv_treat)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 246
 Invalid: 0

Difficulty accessing HIV treatment in past 12 months (W1_hiv_lapse)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 191
 Invalid: 0

Reason for difficulty accessing HIV treatment (W1_hiv_lapsewhy1)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 5

Valid cases: 2
 Invalid: 0

Reason for difficulty accessing HIV treatment specify
(W1_hiv_lapsewhy2)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 255

Valid cases: 2

Fast food meals per week (W1_foo_fastfood)

File: MHFUS_W1_v1

Overview

Fast food meals per week (W1_foo_fastfood)

File: MHFUS_W1_v1

Type: Discrete
 Format: character
 Width: 22

Valid cases: 3088
 Invalid: 0

Household food shortage (Last 3 mo.) (W1_foo_hungr)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 3088
 Invalid: 0

Frequency of food shortage (Last 3 mo.) (W1_foo_hungrfreq)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 10

Valid cases: 251
 Invalid: 0

Household food shortage (Last 1 yr.) (W1_foo_hungryr)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 2833
 Invalid: 0

Consumption - chicken (W1_foo_chicken)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - red meat (W1_foo_redmeat)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - processed meat (W1_foo_procmeat)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - traditional meat (W1_foo_tradmeat)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - fish (W1_foo_fish)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - eggs (W1_foo_egg)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3086
 Invalid: 0

Consumption - milk (W1_foo_milk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - non-dairy creamer (W1_foo_cremora)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - yogurt (W1_foo_yogurt)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - cheese (W1_foo_cheese)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - legumes (W1_foo_legume)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - peanuts and nuts (W1_foo_nuts)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - white bread (W1_foo_bread)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3086
 Invalid: 0

Consumption - brown bread (W1_foo_brnbread)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - breakfast cereal (W1_foo_cereal)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3086
 Invalid: 0

Consumption - porridge (W1_foo_porridge)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - fat cakes (W1_foo_fried)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - margarine (W1_foo_marg)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - green vegetables (W1_foo_greenveg)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3085
 Invalid: 0

Consumption - salad vegetables (W1_foo_saladveg)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - other vegetables (W1_foo_otherveg)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3085
 Invalid: 0

Consumption - boiled potatoes (W1_foo_boilpot)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3086
 Invalid: 0

Consumption - fried potatoes (W1_foo_frypot)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - citrus fruits (W1_foo_citrus)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - other fruits (W1_foo_othfruit)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - fruit juice (W1_foo_juice)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - rice and pasta (W1_foo_starch)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - samp and mielie rice (W1_foo_corn)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - cakes and biscuits (W1_foo_cake)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3086
 Invalid: 0

Consumption - puddings (W1_foo_pudding)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - cooking fat and oil (W1_foo_oil)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - sweets and chocolates (W1_foo_sweets)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3084
 Invalid: 0

Consumption - crisps and snacks (W1_foo_crisps)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - added sugar (W1_foo_sugar)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - tea and coffee (W1_foo_teacoff)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - high-energy soft drinks (W1_foo_softdrnk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - diet soft drinks (W1_foo_dietdrnk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3087
 Invalid: 0

Consumption - sauces (W1_foo_sauce)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 21

Valid cases: 3088
 Invalid: 0

Consumption - alcoholic beverages (W1_foo_alcohol)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 21

Valid cases: 3088
Invalid: 0

Ever smoked regularly (W1_tob_ever)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 20

Valid cases: 3089
Invalid: 0

Current tobacco use (W1_tob_now)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 318
Invalid: 0

Frequency of tobacco use (W1_tob_freq)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 23

Valid cases: 318
Invalid: 0

Age started smoking (W1_tob_startage)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 12

Valid cases: 374
Invalid: 0

Average daily tobacco use (W1_tob_ncigs)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 312
Invalid: 0

Month quit smoking (W1_tob_stop_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 9

Valid cases: 64
 Invalid: 0

Year quit smoking (W1_tob_stop_y)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1988-2018

Valid cases: 64
 Invalid: 3028
 Minimum: 1988
 Maximum: 2018
 Mean: 2012.8
 Standard deviation: 6.2

Alcohol use in last 12 months (W1_alc_ever)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 3089
 Invalid: 0

Frequency of alcohol use (W1_alc_freq)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 22

Valid cases: 1279
 Invalid: 0

Amount of alcohol consumed per day (W1_alc_ndrinks)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 19

Valid cases: 1270
 Invalid: 0

Alcohol-Related intoxication in the past month (W1_alc_drunk)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 3

Valid cases: 1276
 Invalid: 0

Frequency of intoxication Last month (W1_alc_drunkfreq)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 10

Valid cases: 573
 Invalid: 0

Sitting time per day (W1_sed_sit)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 18

Valid cases: 3089
 Invalid: 0

Exercise days per week (W1_sed_exerfreq)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 15

Valid cases: 3089
 Invalid: 0

Exercise duration on active days (W1_sed_exerdur)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 20

Valid cases: 618
 Invalid: 0

Bedtime in past month (W1_slp_bedtime)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 15

Valid cases: 3089
 Invalid: 0

Time to fall asleep in past month (W1_slp_falldur)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 14

Valid cases: 3089
 Invalid: 0

Wake-up time in past month (W1_slp_risetime)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 4

Valid cases: 3089
Invalid: 0

Hours of sleep per night (W1_slp_hrs)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 3089
Invalid: 0

Difficulty falling asleep (W1_slp_delay)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 3089
Invalid: 0

Nighttime awakenings (W1_slp_disrupt)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 3089
Invalid: 0

Breathing discomfort (W1_slp_nobreath)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 3089
Invalid: 0

Loud coughing or snoring (W1_slp_snore)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 3089
Invalid: 0

Loud coughing or snoring (W1_slp_pain)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 3089
Invalid: 0

W1 Avg. 2nd and 3rd SBP (c1_avsysbp)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 87-193

Valid cases: 2282
Invalid: 810
Minimum: 87
Maximum: 193
Mean: 124.2
Standard deviation: 13.2

W1 Avg. 2nd and 3rd DBP (c1_avdiabp)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 47-139

Valid cases: 2282
Invalid: 810
Minimum: 47
Maximum: 139
Mean: 77.4
Standard deviation: 10.2

W1 Avg. 2nd and 3rd Pulse (c1_avpulse)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 38-153

Valid cases: 2282
Invalid: 810
Minimum: 38
Maximum: 153
Mean: 79.3
Standard deviation: 12.6

Height (cm) (W1_ant_height)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 2
Range: 139.5-196.5

Valid cases: 2271
Invalid: 821
Minimum: 139.5
Maximum: 196.5
Mean: 167.1
Standard deviation: 8.8

Weight (kgs) (W1_ant_weight)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 37.900002-178.8

Valid cases: 2270
 Invalid: 822
 Minimum: 37.9
 Maximum: 178.8
 Mean: 71.4
 Standard deviation: 16.1

Body Mass Index (W1_ant_bmi)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 14.757327-61.730537

Valid cases: 2270
 Invalid: 822
 Minimum: 14.8
 Maximum: 61.7
 Mean: 25.7
 Standard deviation: 5.9

Waist circumference (cm) (W1_ant_waist)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 30-182.7

Valid cases: 2256
 Invalid: 836
 Minimum: 30
 Maximum: 182.7
 Mean: 84.6
 Standard deviation: 14.1

Sexual partners in last 12 months (W1_sxb_nptr)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 0-50

Valid cases: 3089
 Invalid: 3
 Minimum: 0
 Maximum: 50
 Mean: 1.3
 Standard deviation: 1.5

Lifetime sexual partners count (W1_sxb_nptr_tot)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 0-200

Valid cases: 3086
 Invalid: 6
 Minimum: 0
 Maximum: 200
 Mean: 5.5
 Standard deviation: 8

Last intercourse month (W1_sxb_sex_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 2941
Invalid: 0

Last intercourse year (W1_sxb_sex_y)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 1998-2019

Valid cases: 2939
Invalid: 153
Minimum: 1998
Maximum: 2019
Mean: 2017.9
Standard deviation: 1.2

Recent partner type (W1_sxb_parttype)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 2981
Invalid: 0

Condom use in last intercourse (W1_sxb_cond)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 2980
Invalid: 0

Reason for not using a condom (W1_sxb_condwhyno)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 27

Valid cases: 1434
Invalid: 0

Reason for not using a condom specify (W1_sxb_condwhyno2)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 56

Valid cases: 17
Invalid: 0

Knowledge of partner HIV status (W1_sxb_parthiv)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 2976
Invalid: 0

Relationship with current partner (W1_sxb_relnship)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 37

Valid cases: 2780
Invalid: 0

Start married or cohabitation month (W1_sxb_cohab_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 748
Invalid: 0

Start married or cohabitation year (W1_sxb_cohab_y)

File: MHFUS_W1_v1

Overview

Type: Continuous
Format: numeric
Decimals: 0
Range: 1992-2019

Valid cases: 748
Invalid: 2344
Minimum: 1992
Maximum: 2019
Mean: 2011.6
Standard deviation: 5.2

Ongoing relationship (W1_sxb_partnow)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 2780
Invalid: 0

Symptoms or diagnosis STD (W1_sxb_sti)

File: MHFUS_W1_v1

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 3089
Invalid: 0

Pregnancy in anthropometric module (z1_prg_status)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 17

Valid cases: 1041
 Invalid: 0

Interview Time (W1_fwkw_intdurfw)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 4-213047

Valid cases: 3091
 Invalid: 1
 Minimum: 4
 Maximum: 213047
 Mean: 310.1
 Standard deviation: 5644.7

Agincourt resident (c1_res_hdssres)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 0-1

Valid cases: 3092
 Invalid: 0

W1 interview success (c1_responsesuccess)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 1-1

Valid cases: 3092
 Invalid: 0

W1 interview date (c1_fwkw_int_d)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1-31

Valid cases: 3092
 Invalid: 0
 Minimum: 1
 Maximum: 31
 Mean: 15.4
 Standard deviation: 8.4

c1_fwkw_int_m (c1_fwkw_int_m)

File: MHFUS_W1_v1

c1_fwkw_int_m (c1_fwkw_int_m)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 2-12

Valid cases: 3092
 Invalid: 0

W1 interview year (c1_fwkw_int_y)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 2018-2019

Valid cases: 3092
 Invalid: 0

Dob year (c1_pre_dob_y)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 1978-1999

Valid cases: 3092
 Invalid: 0
 Minimum: 1978
 Maximum: 1999
 Mean: 1989.3
 Standard deviation: 5.7

Age at w1 interview (c1_pre_age)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 18-40

Valid cases: 3092
 Invalid: 0
 Minimum: 18
 Maximum: 40
 Mean: 28.3
 Standard deviation: 5.7

Age as of 01JAN2018 (c1_pre_age2018)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 0
 Range: 18-40

Valid cases: 3092
 Invalid: 0
 Minimum: 18
 Maximum: 40
 Mean: 27.7
 Standard deviation: 5.7

Created Sex-Gender variable (respondent_sex)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: character
 Width: 1

Valid cases: 3092
 Invalid: 0

Wave 1 Person Post-Sampling Weight (W1_personwgt)

File: MHFUS_W1_v1

Overview

Type: Continuous
 Format: numeric
 Decimals: 2
 Range: 1.0178192-2.6228576

Valid cases: 3092
 Invalid: 0
 Minimum: 1
 Maximum: 2.6
 Mean: 1.2
 Standard deviation: 0.1

Wave 1 Repository Dataset Indicator (W1_repository)

File: MHFUS_W1_v1

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 1-1

Valid cases: 3092
 Invalid: 0

Documentation

Questionnaires

MHFUS WAVE ONE QUESTIONNAIRE

Title	MHFUS WAVE ONE QUESTIONNAIRE
Date	2018-2019
Country	South Africa
Language	English and Tsonga
Publisher(s)	Prof. Mark Collinson, Prof. Michael J White, Prof. Stephen Tollman, Dr. Carren Ginsburg, Dr. Francesc Xavier Gomez-Olive
Filename	MHFUS wave 1 codebook _ REDCap.pdf
