

# Kenya - GENDER, SANITATION, AND QUALITY OF LIFE: A CROSS-SECTIONAL STUDY IN URBAN AND RURAL AREAS OF KENYA, SanQoI

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# Overview

## Identification

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ID NUMBER  
DDI-KEN-APHRC-SANQOL-2023-V1

## Version

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VERSION DESCRIPTION

PRODUCTION DATE  
2024-11-05

NOTES  
N/A

## Overview

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**ABSTRACT**  
Background Information: Inadequate sanitation has important consequences for aspects of quality of life (QoL) beyond infectious disease, including for privacy, safety, and empowerment. Qualitative evidence suggests that women’s sanitation-related QoL outcomes are worse than men’s on average, but there is limited quantitative evidence for this assumption.

Objectives: The aim of the study is to estimate the gap in sanitation-related QoL outcomes between women and men in representative samples of 600 households in Kenya.

Methods: This cross-sectional study will be conducted in urban and rural areas of Kenya. Households from 60 different census enumeration areas (EAs) across the country will be sampled. These households will consist of 600 primary respondents (300 female and 300 male) and 400 secondary respondents of the opposite sex to the primary respondent, and within the same household. The EAs will be stratified by region and urban/rural distribution. For target population, the study will use a quota sampling method, applying quotas for sex, age, and socio-economic status to ensure representation. To estimate the gap between women and men across households for sanitation-related QoL outcomes, we will regress on those outcomes for all the observations (n=1,000) (additionally adjusting for clustering at the household level). The same analyses will be applied in exploring factors associated with any identified gap, but including a factorial interaction term between the female variable and, in turn, various possible explanatory factors of interest. To estimate the gap between women

and men within households for sanitation-related QoL outcomes, the analysis will be restricted to paired observations. Testing of null hypothesis if there is no difference between pairs of observations (1 male, 1 female) for an outcome within a household will be done and a variable; which is the difference between the male and female value for a continuous outcome within household will be generated. This will be followed by estimating a Generalized linear mixed models (GLMM) regressing on while adjusting for appropriate covariates and clustering at the EA and region level.

Study Outcomes: Quantifying gender disparities in outcomes could support the development of programmes which are most effective and efficient in reducing those disparities.

#### UNITS OF ANALYSIS

Individuals; male/female

## Scope

#### NOTES

Socio-economics, Housing & assets, Toilet usually used, Overall wellbeing (OECD), Mental wellbeing (WHO-5), Health (EQ-5D), Sanitation responsibilities, Sanitation & Quality of Life (SanQoL), Menstrual materials and Menstrual Practice Needs Scale (MPNS), Sanitation resources and responsibilities (ARISE), water security (IWISE-4), Disasters, HWF observations, Toilet observations, Other aspects of Sanitation Quality Index (EAWAG),

## Coverage

#### GEOGRAPHIC COVERAGE

National Coverage: households within 60 census enumeration areas in the country, stratified by region and to reflect the national urban/rural breakdown.

#### UNIVERSE

The survey covered household members, women and men aged above 18 years.

## Producers and Sponsors

#### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Sheillah Simiyu	African Population and Health Research Center
Ian Ross	London School of Hygiene & Tropical Medicine

#### OTHER PRODUCER(S)

Name	Affiliation	Role
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Blessing Mberu	African Population and Health Research Center	Provide technical expertise in the implementation of the study in Kenya, participate in dissemination and project related meetings, provide input to the manuscripts, and attend the end of year convening with stakeholders Provide technical expertise in the implementation of the study in Kenya, participate in dissemination and project related meetings, provide input to the manuscripts, and attend the end of year convening with stakeholders Provide technical expertise in the implementation of the study in Kenya, participate in dissemination and project related meetings, provide input to the manuscripts, and attend the end of year convening with stakeholders
Oliver Cumming	London School of Hygiene & Tropical Medicine	Participate in overall project management meetings, dissemination activities, and writing of dissemination products.
Naomi Njeri Karanja	African Population and Health Research Center	Research Officer
Bonface Butichi Ingumba	African Population and Health Research Center	Data Governance Officer

## FUNDING

Name	Abbreviation	Role
Bill & Melinda Gates Foundation	BMGF	Funder

## OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
African Population and Health Research Center	APHRC		Documentation of the DDI

## DATE OF METADATA PRODUCTION

2024-11-05

## DDI DOCUMENT VERSION

Version 1.0

## DDI DOCUMENT ID

DDI-KEN-APHRC-SANQOL-2023-V1

## Sampling

### Sampling Procedure

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600 primary respondents aged 18+ were sampled from 60 Enumeration Areas (EAs) across Kenya (10 households per EA), representing both urban and rural populations. Of the 600 respondents, half were women and half were men. Where possible, we also interviewed a second individual from the same household, of the opposite sex and as close in age as possible to the primary respondent. The final sample size was approximately 400 man-woman pairs (n=1,000 in total).

### Deviations from Sample Design

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N/A

### Response Rate

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The study achieved its target sample size by interviewing 600 primary respondents and 400 secondary respondents. (100%)

### Weighting

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For sampling of the 600 primary respondents, applied a sex quota, specifically 5 women and 5 men as primary respondent in each EA. To ensure representation of the target population we also applied quotas by age and socio-economic status, applying weighting via the random iterative method (RIM), also known as raking.

# Questionnaires

## Overview

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A household questionnaire was administered to a male and a female members of a household. Primary male respondents answered 56 questions while most females answered 65 questions due to questions on menstrual hygiene. The second respondents answered 41 questions and there were 14 observation variables answered by field interviewers.

The questionnaire included questions on Socio-economics, Housing & assets, Toilet usually used, Overall wellbeing (OECD), Mental wellbeing (WHO-5), Health (EQ-5D), Sanitation responsibilities, Sanitation & Quality of Life (SanQoL), Menstrual materials and Menstrual Practice Needs Scale (MPNS), Sanitation resources and responsibilities (ARISE), water security (IWISE-4), Disasters, HWF observations, Toilet observations, Other aspects of Sanitation Quality Index (EAWAG),

The questionnaire was developed in English and later translated to swahili.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2023-12-01	2023-12-22	N/A

### Data Collection Mode

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Face-to-face [f2f]

### Questionnaires

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### Supervision

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Interviewing was conducted by a team of interviewers supervised by Ipsos Kenya team

## Data Processing

### Data Editing

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Data was collected using the Ipsos iField application on android tablets

### Other Processing

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N/A



## Data Appraisal

### **Estimates of Sampling Error**

N/A

## File Description

## Variable List

## Sql dataset\_wide

Content	Socio-economics, Housing & assets, Toilet usually used, Overall wellbeing (OECD), Mental wellbeing (WHO-5), Health (EQ-5D), Sanitation responsibilities, Sanitation & Quality of Life (SanQoL), Menstrual materials and Menstrual Practice Needs Scale (MPNS), Sanitation resources and responsibilities (ARISE), water security (IWISE-4), Disasters, HWF observations, Toilet observations, Other aspects of Sanitation Quality Index (EAWAG),
Cases	600
Variable(s)	257
Structure	Type: Keys: ()
Version	Version 1.0
Producer	African Population and Health Research Center
Missing Data	N/A

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V296	int_id	int_id	discrete	character	N.a
V298	reg	County	contin	numeric	Please record in which region is the household
V299	int_district	Sub-County	contin	numeric	Please record in which district is the household.
V300	int_cluster	Village/town	contin	numeric	Please record in which village/town is the household.

V301	survey_intro_r1	SURVEY_INTRO_r1	discrete	numeric	Hello. My name is _____ from Ipsos Kenya. We are conducting some research on behalf of the London School of Hygiene and Tropical Medicine and the African Population and Health Research Centre about people's quality of life, and how men and women in Kenya may experience sanitation services differently. Approximately 1,000 interviews are being conducted across Kenya for this study with a random sample of adults aged 18+. This main interview would take about 15-20 minutes of your time and would just involve answering some questions about your experiences of sanitation services. Your participation is entirely voluntary but would be very grateful for your support with this important study. I would stress that the research is entirely confidential, and your responses would be anonymous and combined with the responses of others taking part when analysing the results. As part of this research, we are also keen to get the perspectives of a second member of the household. This would be a shorter
V302	soc_respage_r1_yn	soc_respage_r1	discrete	numeric	What is your age?
V304	respage_range_r1	respage_range_r1	discrete	numeric	What is your age?
V305	soc_sex_r1	soc_sex_r1	discrete	numeric	N.a
V331	int_consent_r1	int_consent_r1	discrete	numeric	n/a
V332	soc_hhsize_1soc_hhsize_r1	soc_hhsize_1soc_hhsize_r1	discrete	numeric	How many people live in your household?
V333	soc_hhsize_2soc_hhsize_r1	soc_hhsize_2soc_hhsize_r1	discrete	numeric	How many people live in your household?
V334	soc_hhsize_3soc_hhsize_r1	soc_hhsize_3soc_hhsize_r1	discrete	numeric	How many people live in your household?
V335	soc_hhsize_4soc_hhsize_r1	soc_hhsize_4soc_hhsize_r1	discrete	numeric	How many people live in your household?
V336	sochhsizerecode_1_c_1_r1	sochhsizerecode_1_C_1_r1	discrete	numeric	How many people live in your household?
V337	sochhsizerecode_2_c_2_r1	sochhsizerecode_2_C_2_r1	discrete	numeric	How many people live in your household?
V338	sochhsizerecode_3_c_3_r1	sochhsizerecode_3_C_3_r1	discrete	numeric	How many people live in your household?
V339	sochhsizerecode_4_c_4_r1	sochhsizerecode_4_C_4_r1	discrete	numeric	How many people live in your household?

V340	sochhsizkidsunder2_r1	sochhsizkidsunder2_r1	discrete	numeric	And are any of the children in the household under 2 years of age?
V341	soc_partner_r1	soc_partner_r1	discrete	numeric	What is your marital status?
V342	soc_part_age_r1	soc_part_age_r1	discrete	numeric	How old is your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V343	soc_part_age_c_1_r1	soc_part_age._C_1_r1	contin	numeric	How old is your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V344	soc_part_age_range_r1	soc_part_age_range_r1	discrete	numeric	May I ask which of the following broad age bands your partner falls into?
V345	soc_ageat_r1	soc_ageat_r1	discrete	numeric	. How old were you when you first started living with your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V346	soc_ageat_c_1_r1	soc_ageat._C_1_r1	contin	numeric	How old were you when you first started living with your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V347	soc_ageat_dk_r1	soc_ageat_dk_r1	discrete	numeric	I am going to read out a list of age ranges for you, if that would be helpful. Around what age did you start living with your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V348	soc_preg_r1	soc_preg_r1	discrete	numeric	Are you currently pregnant?
V349	soc_resp_school_r1	soc_resp_school_r1	discrete	numeric	What is the highest level of education that you have completed?
V350	resp_school_recode_r1	resp_school_recode_r1	discrete	numeric	What is the highest level of education that you have completed?
V351	soc_rel_r1	soc_rel_r1	discrete	numeric	What is your religion, if any?
V353	hh_occupancy_r1	hh_occupancy_r1	discrete	numeric	Does your household own this property or not?
V354	hh_wallmaterial_r1	hh_wallmaterial_r1	discrete	numeric	What is the main material of the exterior walls of the household structure?
V356	hh_floormaterial_r1	hh_floormaterial_r1	discrete	numeric	What is the main material of the floors of the household structure?

V358	hh_items_1_r1	hh_items_1_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V359	hh_items_2_r1	hh_items_2_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V360	hh_items_3_r1	hh_items_3_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V361	hh_items_4_r1	hh_items_4_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V362	hh_items_5_r1	hh_items_5_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V363	hh_items_6_r1	hh_items_6_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V364	hh_items_7_r1	hh_items_7_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V365	hh_items_8_r1	hh_items_8_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V366	hh_items_9_r1	hh_items_9_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V367	hh_items_10_r1	hh_items_10_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V368	hh_items_11_r1	hh_items_11_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V369	hh_items_12_r1	hh_items_12_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V370	hh_items_13_r1	hh_items_13_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V371	hh_items_14_r1	hh_items_14_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V372	hh_items_15_r1	hh_items_15_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V373	hh_items_16_r1	hh_items_16_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?

V374	hh_items_999_r1	hh_items_999_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V375	hh_items_any_1_r1	hh_items_any_1_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V376	hh_items_any_2_r1	hh_items_any_2_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V377	hh_items_any_3_r1	hh_items_any_3_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V378	hh_items_any_4_r1	hh_items_any_4_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V379	hh_items_any_5_r1	hh_items_any_5_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V380	hh_items_any_6_r1	hh_items_any_6_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V381	hh_items_any_7_r1	hh_items_any_7_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V382	hh_items_any_999_r1	hh_items_any_999_r1	discrete	numeric	Which, if any, of the following are owned by you OR someone else in your household?
V383	hh_decide_r1	hh_decide_r1	discrete	numeric	Which of the following statements best describes who is the main decision maker regarding major household purchases?
V384	hh_land_r1	hh_land_r1	discrete	numeric	Do you or anyone in your household own any agricultural land?
V385	hh_foodsec_r1	hh_foodsec_r1	discrete	numeric	In the past four weeks, did you or any other household member have to eat fewer meals than usual in a day, because there was not enough food?
V386	hh_watersource_r1	hh_watersource_r1	discrete	numeric	What is the main source of drinking water for the members of your household?
V387	hh_waterloc_r1	hh_waterloc_r1	discrete	numeric	Where is the water source for the household located?
V388	owb_lifesat_r1	owb_lifesat_r1	discrete	numeric	Overall, how satisfied are you with life as a whole these days?



V389	who5_cheerful_r1	who5_stats_1who5_stats_r1	discrete	numeric	Over the last 2 weeks I have felt cheerful and in good spirits
V390	who5_calm_r1	who5_stats_2who5_stats_r1	discrete	numeric	Over the last 2 weeks I have felt I have felt calm and relaxed
V391	who5_active_r1	who5_stats_3who5_stats_r1	discrete	numeric	Over the last 2 weeks I have felt I have felt active and vigorous
V392	who5_fresh_r1	who5_stats_4who5_stats_r1	discrete	numeric	Over the last 2 weeks I have felt I woke up feeling fresh and rested
V393	who5_interest_r1	who5_stats_5who5_stats_r1	discrete	numeric	Over the last 2 weeks I have felt my daily life has been filled with things that interest me
V394	eq5d_walk_r1	eq5d_walk_r1	discrete	numeric	Would you say that... 1. You have no problems in walking about? 2. You have slight problems in walking about? 3. You have moderate problems in walking about? 4. You have severe problems in walking about? You are unable to walk about?
V395	eq5d_pain_r1	eq5d_pain_r1	discrete	numeric	Would you say that... 1. You have no pain or discomfort? 2. You have slight pain or discomfort? 3. You have moderate pain or discomfort? 4. You have severe pain or discomfort? 5. You have extreme pain or discomfort?
V396	toilet_lastur_r1	toilet_lastur_r1	discrete	numeric	Thinking about the last time you peed/urinated, where did you go?
V397	toilet_lastdef_r1	toilet_lastdef_r1	discrete	numeric	Thinking about the last time you defecated/moved your bowels, where did you go?
V398	toilet_everod_r1	toilet_everOD_r1	discrete	numeric	Have you defecated/moved your bowels in the open (i.e. in the bushes, forest, stream etc.) at all in the past 7 days?
V399	toilet_od_time_r1	toilet_od_time_r1	discrete	numeric	You said the last time you defecated/moved your bowels you did so in the open. >; IF toilet_everOD = 1 SHOW < You said you have defecated/moved your bowels in the open in the past 7 days. Thinking about the most recent occasion you did this ...>] How much time (in minutes) did it take for you to walk or reach that place?

V400	toilet_od_time_c_1_r1	toilet_od_time_C_1_r1	discrete	numeric	How much time (in minutes) did it take for you to walk or reach that place?
V401	toilet_postod_r1	toilet_postod_r1	discrete	numeric	The last time you defecated/moved your bowels in the open, where did you go immediately after?
V402	toilet_postod_far_r1	toilet_postod_far_r1	discrete	numeric	Did going to the place where you defecated/moved your bowels add more than 10 minutes to the journey to your destination?
V403	toilet_od_yday_r1	toilet_od_yday_r1	discrete	numeric	How many times, if at all, did you defecate/move your bowels in the open yesterday?
V404	toilet_od_yday_c_1_r1	toilet_od_yday_C_1_r1	discrete	numeric	How many times, if at all, did you defecate/move your bowels in the open yesterday?
V407	toilet_shared_r1	toilet_shared_r1	discrete	numeric	Do you share that sanitation facility (e.g. the toilet, latrine, etc.) with others who are not members of your household?
V408	toilet_public_r1	toilet_public_r1	discrete	numeric	Still thinking about the sanitation facility (e.g. the toilet, latrine, etc.) you last visited to defecate/move your bowels. Is this a public facility (i.e. open to the use of the general public)?
V409	toilet_num_hh_r1	toilet_num_hh_r1	discrete	numeric	You said you share this sanitation facility (e.g. the toilet, latrine, etc.) with others who are not members of your household. Approximately, how many other households use this sanitation facility?
V411	toilet_num_people_r1	toilet_num_people_r1	discrete	numeric	Including your own household members, approximately how many people use this sanitation facility (e.g. the toilet, latrine, etc.)?
V413	toilet_loc_r1	toilet_loc_r1	discrete	numeric	Where is the sanitation facility (e.g. the toilet, latrine, etc.) you last visited to defecate/move your bowels located?
V414	cf_d_disp_r1	cf_d_disp_r1	discrete	numeric	How were the stools disposed of the last time a child defecated/moved their bowels?
V418	sanqol_stats_san_1sanqol_stats_s	sanqol_stats_san_1sanqol_stats_san_r1	discrete	numeric	How often do you feel disgusted when using the toilet?

V419	sanqol_stats_san_2sanqol_stats_s	sanqol_stats_san_2sanqol_stats_san_r1	discrete	numeric	How often do you worry that the toilet spreads diseases?
V420	sanqol_stats_san_3sanqol_stats_s	sanqol_stats_san_3sanqol_stats_san_r1	discrete	numeric	How often do you worry about being seen while using the toilet?
V421	sanqol_stats_san_4sanqol_stats_s	sanqol_stats_san_4sanqol_stats_san_r1	discrete	numeric	How often do you feel ashamed about using the toilet?
V422	sanqol_stats_san_5sanqol_stats_s	sanqol_stats_san_5sanqol_stats_san_r1	discrete	numeric	How often do you feel unsafe while using the toilet?
V423	sanqol_stats_od_1sanqol_stats_od	sanqol_stats_od_1sanqol_stats_od_r1	discrete	numeric	How often do you feel disgusted when defecating /moving your bowels in the open?
V424	sanqol_stats_od_2sanqol_stats_od	sanqol_stats_od_2sanqol_stats_od_r1	discrete	numeric	How often do you worry that defecating /moving your bowels in the open spreads diseases?
V425	sanqol_stats_od_3sanqol_stats_od	sanqol_stats_od_3sanqol_stats_od_r1	discrete	numeric	How often do you worry about being seen while defecating /moving your bowels in the open?
V426	sanqol_stats_od_4sanqol_stats_od	sanqol_stats_od_4sanqol_stats_od_r1	discrete	numeric	How often do you feel ashamed about defecating /moving your bowels in the open
V427	sanqol_stats_od_5sanqol_stats_od	sanqol_stats_od_5sanqol_stats_od_r1	discrete	numeric	How often do you feel unsafe while defecating /moving your bowels in the open?
V428	sanqol_vas_r1	sanqol_vas_C_1_r1	contin	numeric	Looking at this card, please consider this scale marked 0 to 100. Zero is the worst level of sanitation you can imagine, while 100 is the best sanitation you can imagine. Please mark an X on this scale to indicate how you feel about your level of sanitation today.
V429	menst_period_r1	menst_period_r1	discrete	numeric	Have you had a menstrual period in the past 12 months?
V430	menst_mats_r1	menst_mats_r1	discrete	numeric	During your most recent menstrual period, what materials did you mainly use?
V432	mpns_disp_stats_1mpns_disp_stats	mpns_disp_stats_1mpns_disp_stats_r1	discrete	numeric	During your most recent menstrual period were you able to dispose of your used materials in the way that you wanted to
V433	mpns_disp_stats_2mpns_disp_stats	mpns_disp_stats_2mpns_disp_stats_r1	discrete	numeric	During your most recent menstrual period were you concerned that others would see your used menstrual materials in the place you disposed of them?

V434	mpns_disp_stats_3mpns_disp_stats	mpns_disp_stats_3mpns_disp_stats_r1	discrete	numeric	During your most recent menstrual period were you able to wash your menstrual materials when you wanted to
V435	mpns_disp_stats_4mpns_disp_stats	mpns_disp_stats_4mpns_disp_stats_r1	discrete	numeric	During your most recent menstrual period were you able to change your menstrual materials when you wanted to?
V436	mpns_disp_stats_5mpns_disp_stats	mpns_disp_stats_5mpns_disp_stats_r1	discrete	numeric	During your most recent menstrual period were you satisfied with the place you used to change your menstrual materials (for example it was clean and had what you needed, etc.)?
V437	mpns_disp_stats_6mpns_disp_stats	mpns_disp_stats_6mpns_disp_stats_r1	discrete	numeric	During your most recent menstrual period were you worried that someone would see you while you were changing your menstrual materials?
V438	arise_control_r1	Control	discrete	numeric	To what extent, do you agree or disagree with: I have control over money that I could use to pay for toilet construction or maintenance.
V439	arise_depend_r1	Depend	discrete	numeric	To what extent, do you agree or disagree with: I depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.
V440	arise_respons_r1	Response	discrete	numeric	The sanitation-related needs and responsibilities of my household often make me miss out on other activities that I would like to do.
V441	arise_help_r1	help	discrete	numeric	To what extent, do you agree or disagree with: I have family members who would help me with sanitation-related chores.
V442	arise_change_r1	change	discrete	numeric	To what extent, do you agree or disagree with: I feel I can change sanitation conditions in my household or compound if I want to.
V443	arise_decision_r1	decision	discrete	numeric	To what extent, do you agree or disagree with: If my household was making a decision about sanitation-related issues, I would be welcome to participate in the discussion.

V444	arise_risk_r1	risk	discrete	numeric	To what extent, do you agree or disagree with: Women in my community face the risk of physical harm or sexual assault when going to sanitation locations.
V445	arise_needs_r1	needs	discrete	numeric	To what extent, do you agree or disagree with: I can easily use a toilet as often as I need do.
V446	arise_wb_r1	stress	discrete	numeric	To what extent, do you agree or disagree with: I feel stressed as a result of my access to sanitation.
V447	arise_permission_r1	permission	discrete	numeric	If you needed to use a sanitation facility (e.g. a toilet, latrine, etc.) when away from home during the day, which of the following best describes your situation?
V448	iwise_statements_1iwise_statemen	iwise_statements_1iwise_statements_r1	discrete	numeric	How often did you worry that you would not have enough water for all of your needs?
V449	iwise_statements_2iwise_statemen	iwise_statements_2iwise_statements_r1	discrete	numeric	How often did you have to change schedules or plans because of problems with water?
V450	iwise_statements_3iwise_statemen	iwise_statements_3iwise_statements_r1	discrete	numeric	How often did you not have as much water to drink as you would have liked?
V451	iwise_statements_4iwise_statemen	iwise_statements_4iwise_statements_r1	discrete	numeric	How often were you not able to wash your hands after dirty activities because of water problems?
V452	disas_any_1_r1	disas_any_1_r1	discrete	numeric	Which, if any, of the following natural disasters How often were you not able to wash your hands after dirty activities because of water problem? - Flooding
V453	disas_any_2_r1	disas_any_2_r1	discrete	numeric	Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - Drought(s)
V454	disas_any_3_r1	disas_any_3_r1	discrete	numeric	Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - Severe storm(s)
V455	disas_any_998_r1	disas_any_998_r1	discrete	numeric	Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - None of these

V456	disas_any_999_r1	disas_any_999_r1	discrete	numeric	Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - Don't know
V457	disas_all_1disas_all_r1	disas_all_1disas_all_r1	discrete	numeric	To what extent, if at all, did the following natural disasters affect your ability to meet your sanitation needs (i.e. to be able to defecate and urinate with privacy and in safety)? - Flooding
V458	disas_all_2disas_all_r1	disas_all_2disas_all_r1	discrete	numeric	To what extent, if at all, did the following natural disasters affect your ability to meet your sanitation needs (i.e. to be able to defecate and urinate with privacy and in safety)? - Drought(s)
V459	disas_all_3disas_all_r1	disas_all_3disas_all_r1	discrete	numeric	To what extent, if at all, did the following natural disasters affect your ability to meet your sanitation needs (i.e. to be able to defecate and urinate with privacy and in safety)? - Severe Storms
V460	hwf_type_r1	hwf_type_r1	discrete	numeric	Please observe and record type of facility where respondent and other household members wash their hands.
V461	hwf_water_soap_1hwf_water_soap_r	hwf_water_soap_1hwf_water_soap_r1	discrete	numeric	Please OBSERVE if any of the following is available or not at the place for handwashing. - Water
V462	hwf_water_soap_2hwf_water_soap_r	hwf_water_soap_2hwf_water_soap_r1	discrete	numeric	Please OBSERVE if any of the following is available or not at the place for handwashing. - soap/detergent/handwash
V463	san_fac_home_r1	San_fac_home_r1	discrete	numeric	Which, if any, of the following best describes the type of sanitation service you mainly use in your house/dwelling when you need to defecate/move your bowels?
V464	obs_consent_r1	obs_consent_r1	discrete	numeric	Please may I look at this toilet or latrine you and your household members usually use?

V465	obs_typeused_r1	obs_typeused_r1	discrete	numeric	Which of the following pictures most closely resembles the sanitation facility (e.g. toilet, latrine, etc.) usually used by you and your household members? Which of the following pictures most closely resembles the sanitation facility (e.g. toilet, latrine, etc.) usually used by you and your household members?
V466	obs_typeused_flush_r1	obs_typeused_flush_r1	discrete	numeric	To the best of your knowledge, when you flush the toilet, where does the waste go?
V467	obs_panslab_r1	obs_panslab_r1	discrete	numeric	What type of pan or slab does the toilet or latrine have?
V468	obs_interface_r1	obs_interface_r1	discrete	numeric	What is the flushing mechanism of the toilet or latrine?
V470	obs_water_available_r1	obs_water_available_r1	discrete	numeric	Is there a water near the toilet or latrine
V471	obs_wallsmat_r1	obs_wallsmat_r1	discrete	numeric	What material are the toilet / latrine walls mainly built from?
V472	obs_wallsmat_c_11_r1	obs_wallsmat_C_11_r1	discrete	character	What material are the toilet / latrine walls mainly built from?
V473	obs_insidelock_r1	obs_insidelock_r1	discrete	numeric	Can this toilet be locked from the inside?
V474	sqi_roof_r1	SQL_roof_r1	discrete	numeric	Does the sanitation facility have a solid roof, without holes?
V475	sqi_floor_r1	SQL_floor_r1	discrete	numeric	Does the sanitation facility have a solid floor, without cracks/holes?
V476	obs_only_stats_1obs_only_stats_r	obs_only_stats_1obs_only_stats_r1	discrete	numeric	Is there a strong smell of urine inside the toilet facility?
V477	obs_only_stats_2obs_only_stats_r	obs_only_stats_2obs_only_stats_r1	discrete	numeric	Is there a strong smell of faeces inside the toilet facility?
V478	obs_only_stats_3obs_only_stats_r	obs_only_stats_3obs_only_stats_r1	discrete	numeric	Is there solid waste inside the cubicle?
V479	obs_only_stats_4obs_only_stats_r	obs_only_stats_4obs_only_stats_r1	discrete	numeric	Are there visible faeces in or around the pan/hole?
V480	obs_only_stats_5obs_only_stats_r	obs_only_stats_5obs_only_stats_r1	discrete	numeric	Are there Insects inside the cubicle?
V481	obs_only_stats_6obs_only_stats_r	obs_only_stats_6obs_only_stats_r1	discrete	numeric	Is the toilet/latrine clogged or full?
V482	photo_taken	HWF_INT1HWF_INT1_r1	discrete	numeric	N.a

V488	survey_intro_2_f_r2	SURVEY_INTRO_2_F_r2	discrete	numeric	Hello. My name is _____ from Ipsos Kenya. We are conducting some research on behalf of the London School of Hygiene and Tropical Medicine and the African Population and Health Research Centre about people's quality of life, and how men and women in Kenya may experience sanitation services differently. Approximately 1,000 interviews are being conducted across Kenya for this study with a random sample of adults aged 18+. As I believe you know, we have already interviewed another member of your household. However, for this research we need to get the perspectives of two household members of different genders. This second interview is shorter and takes about 10 minutes. Your participation is entirely voluntary but would be very grateful for your support with this important study. I would stress that the research is completely confidential, and your responses would be anonymous and combined with the responses of others taking part when analysing the results. Would you be willing to help?
V489	soc_respage_r2	soc_respage_C_1_F_r2	contin	numeric	What is your age?
V490	respage_range_r2	respage_range_F_r2	discrete	numeric	What is your age?
V491	soc_sex_f_r2	soc_sex_F_r2	discrete	numeric	1. Male 2. Female
V492	int_consent_f_r2	int_consent_F_r2	discrete	numeric	Based on the information provided, can I just check if you are willing to take part in the survey, or not?
V493	soc_reltofirst_f_r2	soc_reltofirst_F_r2	discrete	numeric	What is your relationship to xxx we interviewed earlier in this household? That person is your... SINGLE CODE 1. Husband/wife 2. Partner living as if married 3. Father/mother 4. Father/mother-in-law 5. Brother/sister 6. Brother/sister-in-law 7. Aunt/uncle 8. Niece/nephew 9. Grandparent 10. Grandchild 11. Any other relative 12. Not related 13. Prefer not to say



V494	soc_partner_f_r2	soc_partner_F_r2	discrete	numeric	What is your marital status?
V495	soc_part_age_f_r2	soc_part_age_F_r2	discrete	numeric	How old is your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V496	soc_part_age_c_1_f_r2	soc_part_age_C_1_F_r2	contin	numeric	How old is your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V497	soc_part_age_range_f_r2	soc_part_age_range_F_r2	discrete	numeric	May I ask which of the following broad age bands your partner falls into?
V498	soc_ageat_f_r2	soc_ageat_F_r2	discrete	numeric	How old were you when you first started living with your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V499	soc_ageat_c_1_f_r2	soc_ageat_C_1_F_r2	contin	numeric	How old were you when you first started living with your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V500	soc_ageat_dk_f_r2	soc_ageat_dk_F_r2	discrete	numeric	I am going to read out a list of age ranges for you, if that would be helpful. Around what age did you start living with your <SHOW 'Husband/partner' if SOC_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC_SEX = 1 'MALE'>?
V501	soc_resp_school_r2	soc_resp_school_F_r2	discrete	numeric	What is the highest level of education that you have completed?
V502	resp_school_recode_f_r2	resp_school_recode_F_r2	discrete	numeric	What is the highest level of education that you have completed?
V503	hh_decide_f_r2	hh_decide_F_r2	discrete	numeric	Which of the following statements best describes who is the main decision maker regarding major household purchases?
V504	owb_lifesat_r2	owb_lifesat_F_r2	discrete	numeric	Overall, how satisfied are you with life as a whole these days?
V505	who5_cheerful_r2	who5_stats_1who5_stats_F_r2	discrete	numeric	Over the last 2 weeks I have felt cheerful and in good spirits
V506	who5_calm_r2	who5_stats_2who5_stats_F_r2	discrete	numeric	Over the last 2 weeks I have felt I have felt calm and relaxed
V507	who5_active_r2	who5_stats_3who5_stats_F_r2	discrete	numeric	Over the last 2 weeks I have felt I have felt active and vigorous

V508	who5_fresh_r2	who5_stats_4who5_stats_F_r2	discrete	numeric	Over the last 2 weeks I have felt I woke up feeling fresh and rested
V509	who5_interest_r2	who5_stats_5who5_stats_F_r2	discrete	numeric	Over the last 2 weeks I have felt my daily life has been filled with things that interest me
V510	eq5d_walk_f_r2	eq5d_walk_F_r2	discrete	numeric	Would you say that... 1. You have no problems in walking about? 2. You have slight problems in walking about? 3. You have moderate problems in walking about? 4. You have severe problems in walking about? You are unable to walk about?
V511	eq5d_pain_f_r2	eq5d_pain_F_r2	discrete	numeric	Would you say that... 1. You have no pain or discomfort? 2. You have slight pain or discomfort? 3. You have moderate pain or discomfort? 4. You have severe pain or discomfort? 5. You have extreme pain or discomfort?
V512	toilet_lastur_f_r2	toilet_lastur_F_r2	discrete	numeric	Thinking about the last time you peed/urinated, where did you go?
V513	toilet_lastdef_r2	toilet_lastdef_F_r2	discrete	numeric	Thinking about the last time you defecated/moved your bowels, where did you go?
V514	toilet_everod_r2	toilet_everOD_F_r2	discrete	numeric	Have you defecated/moved your bowels in the open (i.e. in the bushes, forest, stream etc.) at all in the past 7 days?
V515	toilet_od_time_f_r2	toilet_od_time_F_r2	contin	numeric	You said the last time you defecated/moved your bowels you did so in the open. >; IF toilet_everOD = 1 SHOW < You said you have defecated/moved your bowels in the open in the past 7 days. Thinking about the most recent occasion you did this ...>] How much time (in minutes) did it take for you to walk or reach that place?
V516	sochhsizkidsunder2_f_r2	sochhsizkidsunder2_F_r2	discrete	numeric	And are any of the children in the household under 2 years of age?
V517	cfdisp_f_r2	cfdisp_F_r2	discrete	numeric	How were the stools disposed of the last time a child defecated/moved their bowels?

V520	cf_d_times_c_1_f_r2	cf_d_times._C_1_F_r2	discrete	numeric	Yesterday, how many times, if at all, did you personally clean a child aged under 2 after they defecated/moved their bowels and then dispose of their stools?
V521	sanqol_toilet1_r2	sanqol_toilet1_r2	discrete	numeric	How often do you feel disgusted when using the toilet?
V522	sanqol_toilet2_r2	sanqol_toilet2_r2	discrete	numeric	How often do you worry that the toilet spreads diseases?
V523	sanqol_toilet3_r2	sanqol_toilet3_r2	discrete	numeric	How often do you worry about being seen while using the toilet?
V524	sanqol_toilet4_r2	sanqol_toilet4_r2	discrete	numeric	How often do you feel ashamed about using the toilet?
V525	sanqol_toilet5_r2	sanqol_toilet5_r2	discrete	numeric	How often do you feel unsafe while using the toilet?
V526	sanqol_od1_r2	sanqol_od1_r2	discrete	numeric	How often do you feel disgusted when defecating /moving your bowels in the open?
V527	sanqol_od2_r2	sanqol_od2_r2	discrete	numeric	How often do you worry that defecating /moving your bowels in the open spreads diseases?
V528	sanqol_od3_r2	sanqol_od3_r2	discrete	numeric	How often do you worry about being seen while defecating /moving your bowels in the open?
V529	sanqol_od4_r2	sanqol_od4_r2	discrete	numeric	How often do you feel ashamed about defecating /moving your bowels in the open?
V530	sanqol_od5_r2	sanqol_od5_r2	discrete	numeric	How often do you feel unsafe while defecating /moving your bowels in the open?
V531	sanqol_vas_r2	sanqol_vas_F_r2	contin	numeric	Looking at this card, please consider this scale marked 0 to 100. Zero is the worst level of sanitation you can imagine, while 100 is the best sanitation you can imagine. Please mark an X on this scale to indicate how you feel about your level of sanitation today.
V532	menst_period_f_r2	menst_period_F_r2	discrete	numeric	Have you had a menstrual period in the past 12 months?
V533	menst_mats_f_r2	menst_mats_F_r2	discrete	numeric	During your most recent menstrual period, what materials did you mainly use?

V535	mpns1_r2	mpns1_r2	discrete	numeric	During your most recent menstrual period were you able to dispose of your used materials in the way that you wanted to
V536	mpns2_r2	mpns2_r2	discrete	numeric	During your most recent menstrual period were you concerned that others would see your used menstrual materials in the place you disposed of them?
V537	mpns3_r2	mpns3_r2	discrete	numeric	During your most recent menstrual period were you able to wash your menstrual materials when you wanted to
V538	mpns4_r2	mpns4_r2	discrete	numeric	During your most recent menstrual period were you able to change your menstrual materials when you wanted to?
V539	mpns5_r2	mpns5_r2	discrete	numeric	During your most recent menstrual period were you satisfied with the place you used to change your menstrual materials (for example it was clean and had what you needed, etc.)?
V540	mpns6_r2	mpns6_r2	discrete	numeric	During your most recent menstrual period were you worried that someone would see you while you were changing your menstrual materials?
V541	arise_depend_r2	arise2_r2	discrete	numeric	To what extent, do you agree or disagree with: I depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.
V542	arise_respons_r2	arise3_r2	discrete	numeric	The sanitation-related needs and responsibilities of my household often make me miss out on other activities that I would like to do.
V543	arise_help_r2	arise4_r2	discrete	numeric	To what extent, do you agree or disagree with: I have family members who would help me with sanitation-related chores.
V544	arise_change_r2	arise5_r2	discrete	numeric	To what extent, do you agree or disagree with: I feel I can change sanitation conditions in my household or compound if I want to.
V545	arise_needs_r2	arise8_r2	discrete	numeric	To what extent, do you agree or disagree with: I can easily use a toilet as often as I need do.

V546	arise_wb_r2	arise9_r2	discrete	numeric	To what extent, do you agree or disagree with: I feel stressed as a result of my access to sanitation.
V547	arise_permission_r2	arise_permission_F_r2	discrete	numeric	If you needed to use a sanitation facility (e.g. a toilet, latrine, etc.) when away from home during the day, which of the following best describes your situation?
V548	iwise1_r2	iwise1_r2	discrete	numeric	How often did you worry that you would not have enough water for all of your needs?
V549	iwise2_r2	iwise2_r2	discrete	numeric	How often did you have to change schedules or plans because of problems with water?
V550	iwise3_r2	iwise3_r2	discrete	numeric	How often did you not have as much water to drink as you would have liked?
V551	iwise4_r2	iwise4_r2	discrete	numeric	How often were you not able to wash your hands after dirty activities because of water problems?
V552	final_notes_f_r2	Final_notes_F_r2	discrete	character	N.a
V636	diff_sq		contin	numeric	N.a
V637	diff_age		contin	numeric	N.a
V644	arise_depend_diff		discrete	numeric	1. I depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.
V645	arise_respons_diff		discrete	numeric	1. The sanitation-related needs and responsibilities of my household often make me miss out on other activities that I would like to do.
V646	arise_help_diff		discrete	numeric	I have family members who would help me with sanitation-related chores.
V647	arise_change_diff		discrete	numeric	I feel I can change sanitation conditions in my household or compound if I want to.
V648	arise_needs_diff		discrete	numeric	N.a
V649	arise_wb_diff		discrete	numeric	To what extent, do you agree or disagree with: I feel stressed as a result of my access to sanitation.
V650	arise_permission_diff		discrete	numeric	If you needed to use a sanitation facility (e.g. a toilet, latrine, etc.) when away from home during the day, which of the following best describes your situation?

V651	sq_heal_diff	discrete	numeric	How often do you worry that the toilet spreads diseases?
V652	sq_disg_diff	discrete	numeric	How often do you feel disgusted when using the toilet?
V653	sq_safe_diff	discrete	numeric	How often do you feel unsafe while using the toilet?
V654	sq_priv_diff	discrete	numeric	How often do you worry about being seen while using the toilet?
V655	sq_sham_diff	discrete	numeric	How often do you feel ashamed about using the toilet?
V656	diff_lifesat	discrete	numeric	Overall, how satisfied are you with life as a whole these days? Please use a scale of 0 to 10, where 0 means you feel "not at all satisfied" and 10 means you feel "completely satisfied".
V657	sq_males_intra	contin	numeric	N.a
V658	sq_females_intra	contin	numeric	N.a
V659	vas_males_intra	contin	numeric	N.a
V660	vas_females_intra	contin	numeric	N.a
V661	who5_males_intra	contin	numeric	N.a
V662	who5_females_intra	contin	numeric	N.a
V663	lifesat_males_intra	discrete	numeric	N.a
V664	lifesat_females_intra	discrete	numeric	N.a
V665	arise_depend_males_intra	discrete	numeric	N.a
V666	arise_respons_males_intra	discrete	numeric	N.a
V667	arise_help_males_intra	discrete	numeric	N.a
V668	arise_change_males_intra	discrete	numeric	N.a
V669	arise_needs_males_intra	discrete	numeric	N.a
V670	arise_wb_males_intra	discrete	numeric	
V671	arise_permission_males_intra	discrete	numeric	N.a
V672	arise_depend_females_intra	discrete	numeric	N.a
V673	arise_respons_females_intra	discrete	numeric	N.a
V674	arise_help_females_intra	discrete	numeric	N.a
V675	arise_change_females_intra	discrete	numeric	N.a
V676	arise_needs_females_intra	discrete	numeric	N.a
V677	arise_wb_females_intra	discrete	numeric	N.a
V678	arise_permission_females_intra	discrete	numeric	N.a
V679	sq_heal_males_intra	discrete	numeric	N.a
V680	sq_disg_males_intra	discrete	numeric	N.a
V681	sq_safe_males_intra	discrete	numeric	N.a
V682	sq_priv_males_intra	discrete	numeric	N.a
V683	sq_sham_males_intra	discrete	numeric	N.a
V684	sq_heal_females_intra	discrete	numeric	N.a

V685	sq_disg_females_intra	discrete	numeric	N.a
V686	sq_safe_females_intra	discrete	numeric	N.a
V687	sq_priv_females_intra	discrete	numeric	N.a
V688	sq_sham_females_intra	discrete	numeric	N.a





int\_id (int\_id)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: character  
Width: 7

Valid cases: 600  
Invalid: 0

**Description**

Interviewer ID

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

County (reg)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-36

Valid cases: 600  
Invalid: 0  
Minimum: 1  
Maximum: 36  
Mean: 15.8  
Standard deviation: 10.7

**Description**

N.a

**Universe**

N/a

**Source of information**

Field Interviewer

**Pre question**

N/a

**Literal question**

Please record in which region is the household

**Post question**

N/a

**Interviewer instructions**

N/a

Sub-County (int\_district)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-58

Valid cases: 600  
 Invalid: 0  
 Minimum: 1  
 Maximum: 58  
 Mean: 29  
 Standard deviation: 16.6

**Description**

District where the respondent resides

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N/a

**Literal question**

Please record in which district is the household.

**Post question**

N/a

**Interviewer instructions**

N/a

## Village/town (int\_cluster)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-60

Valid cases: 600  
 Invalid: 0  
 Minimum: 1  
 Maximum: 60  
 Mean: 30.2  
 Standard deviation: 17.3

**Description**

Village/town of the household.

**Universe**

n.a

**Source of information**

Field Interviewer

**Pre question**

N/a

**Literal question**

Please record in which village/town is the household.

**Post question**

N/a

**Interviewer instructions**

N/a

## SURVEY\_INTRO\_r1 (survey\_intro\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-1

Valid cases: 600  
 Invalid: 0

#### Description

n.a

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

N/a

#### Literal question

Hello. My name is \_\_\_\_ from Ipsos Kenya. We are conducting some research on behalf of the London School of Hygiene and Tropical Medicine and the African Population and Health Research Centre about people's quality of life, and how men and women in Kenya may experience sanitation services differently. Approximately 1,000 interviews are being conducted across Kenya for this study with a random sample of adults aged 18+.

This main interview would take about 15-20 minutes of your time and would just involve answering some questions about your experiences of sanitation services. Your participation is entirely voluntary but would be very grateful for your support with this important study.

I would stress that the research is entirely confidential, and your responses would be anonymous and combined with the responses of others taking part when analysing the results.

As part of this research, we are also keen to get the perspectives of a second member of the household. This would be a shorter

#### Post question

N/a

#### Interviewer instructions

N/a

soc\_respage\_r1 (soc\_respage\_r1\_yn)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 600  
 Invalid: 0

#### Description

Respondent's age

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

N/a

#### Literal question

What is your age?

#### Post question

N/a

#### Interviewer instructions

N/a

## respage\_range\_r1 (respage\_range\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 2-7

Valid cases: 600  
 Invalid: 0

**Description**

1st respondent age range

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

If respondent Refuses to provide exact age at previous question, then ask: May I ask which of the broad age bands you fall into? Read out options 1-7.

**Literal question**

What is your age?

**Post question**

N/a

**Interviewer instructions**

What is your age?

## soc\_sex\_r1 (soc\_sex\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 600  
 Invalid: 0

**Description**

N.a

**Universe**

Male/Female household members above 18 years

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

Record gender of respondent.

## int\_consent\_r1 (int\_consent\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-1

Valid cases: 600  
 Invalid: 0

**Description**

Consent from respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

n/a

**Post question**

n/a

**Interviewer instructions**

n/a

soc\_hhsize\_1soc\_hhsize\_r1 (soc\_hhsize\_1soc\_hhsize\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-18

Valid cases: 600  
 Invalid: 0

**Description**

Number of adults aged 18 or over including the respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

soc\_hhsize\_2soc\_hhsize\_r1 (soc\_hhsize\_2soc\_hhsize\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-12

Valid cases: 600  
 Invalid: 0

**Description**

Number of children or young people aged 5 - 17

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

soc\_hhsize\_3soc\_hhsize\_r1 (soc\_hhsize\_3soc\_hhsize\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-7

Valid cases: 600  
 Invalid: 0

**Description**

Number of children aged under 5

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

soc\_hhsize\_4soc\_hhsize\_r1 (soc\_hhsize\_4soc\_hhsize\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-14

Valid cases: 600  
 Invalid: 0

**Description**

Total household members

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

sochhsizerecode\_1\_C\_1\_r1 (sochhsizerecode\_1\_c\_1\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 1-14

Valid cases: 600

Invalid: 0

**Description**

Total number of people in a household ( HH)

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

sochhsizerecode\_2\_C\_2\_r1 (sochhsizerecode\_2\_c\_2\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-9

Valid cases: 600

Invalid: 0

**Description**

Total number of children or young people aged under 17 in HH

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

sochhsizerecode\_3\_C\_3\_r1 (sochhsizerecode\_3\_c\_3\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-8

Valid cases: 600

Invalid: 0

**Description**

Total number of children or young people aged 5-17 in HH

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...

**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

sochhsizerecode\_4\_C\_4\_r1 (sochhsizerecode\_4\_c\_4\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-7

Valid cases: 600

Invalid: 0

**Description**

Total number of children or young people aged under 5 in HH

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to continue with a few more questions about you and your household...



**Literal question**

How many people live in your household?

**Post question**

Please include yourself and any other adults or children / young people who are currently living or staying at this address.

**Interviewer instructions**

n/a

sochhsizeskidsunder2\_r1 (sochhsizeskidsunder2\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 212  
Invalid: 388

**Description**

Total number of children or young people aged under 2 in a HH

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

ASK IF soc\_hhsize\_3 = 2-11

**Literal question**

And are any of the children in the household under 2 years of age?

**Post question**

n.a

**Interviewer instructions**

n.a

soc\_partner\_r1 (soc\_partner\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-6

Valid cases: 600  
Invalid: 0

**Description**

marital status

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

What is your marital status?

**Post question**

n.a

**Interviewer instructions**

Probe and read out options 1-5, if necessary.

soc\_part\_age\_r1 (soc\_part\_age\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 380  
Invalid: 220

**Description**

Partner's age

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

How old is your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n.a

**Interviewer instructions**

n.a

soc\_part\_age.\_C\_1\_r1 (soc\_part\_age\_c\_1\_r1)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 19-78

Valid cases: 375  
Invalid: 225  
Minimum: 19  
Maximum: 78  
Mean: 38.5  
Standard deviation: 12.9

**Description**

Partner's age

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

How old is your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n.a

**Interviewer instructions**

n.a

## soc\_part\_age\_range\_r1 (soc\_part\_age\_range\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 2-7

Valid cases: 380  
 Invalid: 220

**Description**

Age range of partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

If respondent refuses to provide age of their partner at previous question then ask

**Literal question**

May I ask which of the following broad age bands your partner falls into?

**Post question**

Read out options 1-7.

**Interviewer instructions**

n.a

## soc\_ageat\_r1 (soc\_ageat\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 380  
 Invalid: 220

**Description**

age at which the respondent started living with their partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

. How old were you when you first started living with your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n/a

**Interviewer instructions**

n/a

## soc\_ageat.C\_1\_r1 (soc\_ageat\_c\_1\_r1)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 14-40

Valid cases: 367  
 Invalid: 233  
 Minimum: 14  
 Maximum: 40  
 Mean: 23.9  
 Standard deviation: 4.2

**Description**

Age at which respondent got married/started living with partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

How old were you when you first started living with your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n.a

**Interviewer instructions**

n.a

soc\_ageat\_dk\_r1 (soc\_ageat\_dk\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 380  
 Invalid: 220

**Description**

Age range of when respondent started living with partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

I am going to read out a list of age ranges for you, if that would be helpful. Around what age did you start living with your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n.a

**Interviewer instructions**

n.a

soc\_preg\_r1 (soc\_preg\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 298  
 Invalid: 302

**Description**

Variable indicates whether the respondent is pregnant or not

**Universe**

Female household members age 18 years and above

**Source of information**

Female respondents

**Pre question**

N.a

**Literal question**

Are you currently pregnant?

**Post question**

N.a

**Interviewer instructions**

N.a

soc\_resp\_school\_r1 (soc\_resp\_school\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9

Valid cases: 600  
 Invalid: 0

**Description**

highest level of education completed by the 1st respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

What is the highest level of education that you have completed?

**Post question**

Probe and read out options 1-10, as necessary

**Interviewer instructions**

What is the highest level of education that you have completed?

resp\_school\_recode\_r1 (resp\_school\_recode\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 600  
 Invalid: 0

**Description**

Highest level of education completed by 1st respondent categorised

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

What is the highest level of education that you have completed?

**Post question**

n/a

**Interviewer instructions**

n/a

soc\_rel\_r1 (soc\_rel\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-11

Valid cases: 600  
Invalid: 0

**Description**

Respondent's religion

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

We would like to ask you about religion. Collecting such information enables us to ensure the data is representative of the population. Please note this information will be kept securely and will only be reported when combined with the responses of others taking part so that you cannot be identified.

**Literal question**

What is your religion, if any?

**Post question**

Probe and read out options 1-10, as necessary.

**Interviewer instructions**

n.a

hh\_occupancy\_r1 (hh\_occupancy\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-3

Valid cases: 600  
Invalid: 0

**Description**

Ownership status of respondent's house

**Universe**

house

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Does your household own this property or not?

**Post question**

If property not owned, probe and read out options 2-4, as necessary. If property not owned, probe and read out options 2-4, as necessary.

**Interviewer instructions**

n.a

## hh\_wallmaterial\_r1 (hh\_wallmaterial\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 1-17

Valid cases: 600

Invalid: 0

**Description**

The main material of the exterior walls of the household structure

**Universe**

house

**Source of information**

Field Interviewer

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

What is the main material of the exterior walls of the household structure?

**Post question**

n/a

**Interviewer instructions**

INTERVIEWER: OBSERVE AND CODE ACCORDINGLY - DO NOT ASK UNLESS IT IS NECESSARY TO CHECK THIS WITH THE RESPONDENT. Please refer to the project briefing notes.

## hh\_floormaterial\_r1 (hh\_floormaterial\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 1-9

Valid cases: 600

Invalid: 0

**Description**

The main material of the floors of the household structure

**Universe**

house

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

What is the main material of the floors of the household structure?

**Post question**

n.a

**Interviewer instructions**

OBSERVE AND CODE ACCORDINGLY - DO NOT ASK UNLESS IT IS NECESSARY TO CHECK THIS WITH THE RESPONDENT.  
Please refer to the project briefing notes.

hh\_items\_1\_r1 (hh\_items\_1\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_2\_r1 (hh\_items\_2\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?



**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_3\_r1 (hh\_items\_3\_r1)

### File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_4\_r1 (hh\_items\_4\_r1)

### File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_5\_r1 (hh\_items\_5\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_6\_r1 (hh\_items\_6\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_7\_r1 (hh\_items\_7\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

#### Description

Items in the respondent's household

#### Universe

household items

#### Source of information

Male/female household members above 18 years

#### Pre question

The next few questions are about your housing and things you have in your household.

#### Literal question

Which, if any, of the following are owned by you OR someone else in your household?

#### Post question

Please select all that apply.

#### Interviewer instructions

Read out options 1-16.

hh\_items\_8\_r1 (hh\_items\_8\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

#### Description

Items in the respondent's household

#### Universe

household items

#### Source of information

Male/female household members above 18 years

#### Pre question

The next few questions are about your housing and things you have in your household.

#### Literal question

Which, if any, of the following are owned by you OR someone else in your household?

#### Post question

Please select all that apply.

#### Interviewer instructions

Read out options 1-16.

hh\_items\_9\_r1 (hh\_items\_9\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_10\_r1 (hh\_items\_10\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_11\_r1 (hh\_items\_11\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_12\_r1 (hh\_items\_12\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-1

Valid cases: 600

Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_13\_r1 (hh\_items\_13\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-1

Valid cases: 600

Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_14\_r1 (hh\_items\_14\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

## hh\_items\_15\_r1 (hh\_items\_15\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

# hh\_items\_16\_r1 (hh\_items\_16\_r1)

## File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

# hh\_items\_999\_r1 (hh\_items\_999\_r1)

## File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items in the respondent's household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_1\_r1 (hh\_items\_any\_1\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_2\_r1 (hh\_items\_any\_2\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_3\_r1 (hh\_items\_any\_3\_r1)

File: Sql dataset\_wide

**Overview**



Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_4\_r1 (hh\_items\_any\_4\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_5\_r1 (hh\_items\_any\_5\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_6\_r1 (hh\_items\_any\_6\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_7\_r1 (hh\_items\_any\_7\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-0

Valid cases: 600  
Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_items\_any\_999\_r1 (hh\_items\_any\_999\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-1

Valid cases: 600

Invalid: 0

**Description**

Items owned by the respondent/someone else in the household

**Universe**

household items

**Source of information**

Male/female household members above 18 years

**Pre question**

The next few questions are about your housing and things you have in your household.

**Literal question**

Which, if any, of the following are owned by you OR someone else in your household?

**Post question**

Please select all that apply.

**Interviewer instructions**

Read out options 1-16.

hh\_decide\_r1 (hh\_decide\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 1-4

Valid cases: 600

Invalid: 0

**Description**

decision making power of the respondent in the household

**Universe**

household

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Which of the following statements best describes who is the main decision maker regarding major household purchases?

**Post question**

By major household purchases we mean things like furniture or livestock, etc.

**Interviewer instructions**

n.a

## hh\_land\_r1 (hh\_land\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-3

Valid cases: 600  
Invalid: 0

**Description**

Land ownership by the respondent

**Universe**

n.a

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Do you or anyone in your household own any agricultural land?

**Post question**

n.a

**Interviewer instructions**

n.a

## hh\_foodsec\_r1 (hh\_foodsec\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 600  
Invalid: 0

**Description**

This variable measures the level of food security in a household

**Universe**

household

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

In the past four weeks, did you or any other household member have to eat fewer meals than usual in a day, because there was not enough food?

**Post question**

n.a

**Interviewer instructions**

n.a

## hh\_watersource\_r1 (hh\_watersource\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-17

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicating the source of water for a household

**Universe**

household

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

What is the main source of drinking water for the members of your household?

**Post question**

If you use more than one source of drinking water, please think about the source used most often.

**Interviewer instructions**

Probe and read out options 1-17, as necessary. Please refer to the project briefing notes.

## hh\_waterloc\_r1 (hh\_waterloc\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 483  
 Invalid: 117

**Description**

This variable indicates where the household's water source is located

**Universe**

household

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Where is the water source for the household located?

**Post question**

n.a

**Interviewer instructions**

Read out options 1-3.

## owb\_lifesat\_r1 (owb\_lifesat\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-10

Valid cases: 599  
 Invalid: 1

**Description**

This variable measures life satisfaction of the respondent in recent days

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The next questions are about your overall wellbeing.

**Literal question**

Overall, how satisfied are you with life as a whole these days?

**Post question**

Please use a scale of 0 to 10, where 0 means you feel "not at all satisfied" and 10 means you feel "completely satisfied".

## who5\_stats\_1who5\_stats\_r1 (who5\_cheerful\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-5

Valid cases: 598  
 Invalid: 2

**Description**

variable indicates the level of cheerfulness experienced by the respondent over a period of 2 weeks

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

**Literal question**

Over the last 2 weeks I have felt cheerful and in good spirits

**Post question**

n.a

**Interviewer instructions**

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

## who5\_stats\_2who5\_stats\_r1 (who5\_calm\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-5

Valid cases: 600  
 Invalid: 0

#### Description

variable indicates the level of calmness experienced by the respondent over a period of 2 weeks

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt I have felt calm and relaxed

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_3who5\_stats\_r1 (who5\_active\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-5

Valid cases: 600  
 Invalid: 0

#### Description

variable indicates the level of being active experienced by the respondent over a period of 2 weeks

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt I have felt active and vigorous

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_4who5\_stats\_r1 (who5\_fresh\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-5

Valid cases: 599  
 Invalid: 1

#### Description

variable indicates the level of feeling fresh experienced by the respondent over a period of 2 weeks

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt I woke up feeling fresh and rested

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_5who5\_stats\_r1 (who5\_interest\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-5

Valid cases: 596  
Invalid: 4

#### Description

variable indicates the level of respondent's daily life has being filled with things that interest them over a period of 2 weeks

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt my daily life has been filled with things that interest me

#### Post question

n.a

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

eq5d\_walk\_r1 (eq5d\_walk\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-4

Valid cases: 600  
Invalid: 0

#### Description

Variable indicating whether the respondent has problems when walking

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

I would now like to ask you about your mobility



**Literal question**

Would you say that...

1. You have no problems in walking about?
2. You have slight problems in walking about?
3. You have moderate problems in walking about?
4. You have severe problems in walking about?

You are unable to walk about?

**Post question**

n.a

**Interviewer instructions**

n.a

eq5d\_pain\_r1 (eq5d\_pain\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-6

Valid cases: 600  
Invalid: 0

**Description**

Variable showing the levels of pain experienced by respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

I would like to ask you about any pain or discomfort that you may experience.

**Literal question**

Would you say that...

1. You have no pain or discomfort?
2. You have slight pain or discomfort?
3. You have moderate pain or discomfort?
4. You have severe pain or discomfort?
5. You have extreme pain or discomfort?

**Post question**

n.a

**Interviewer instructions**

n.a

toilet\_lastur\_r1 (toilet\_lastur\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-5

Valid cases: 600  
Invalid: 0

**Description**

Variable indicating where the respondent urinated last

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Thinking about the last time you peed/urinated, where did you go?

**Post question**

n.a

**Interviewer instructions**

Read out each statement 1-4

toilet\_lastdef\_r1 (toilet\_lastdef\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 1-4

Valid cases: 600

Invalid: 0

**Description**

Variable indicating where the respondent defecated last

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Thinking about the last time you defecated/moved your bowels, where did you go?

**Post question**

n.a

**Interviewer instructions**

Read out each statement 1-4

toilet\_everOD\_r1 (toilet\_everod\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 1-2

Valid cases: 587

Invalid: 13

**Description**

Variable indicating whether the respondent practised open defecation in the previous 7 days

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Have you defecated/moved your bowels in the open (i.e. in the bushes, forest, stream etc.) at all in the past 7 days?

#### Post question

n.a

#### Interviewer instructions

Have you defecated/moved your bowels in the open (i.e. in the bushes, forest, stream etc.) at all in the past 7 days?

toilet\_od\_time\_r1 (toilet\_od\_time\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-1

Valid cases: 53  
Invalid: 547

#### Description

Respondent did an open defecation on their last occasion

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

n.a

#### Literal question

You said the last time you defecated/moved your bowels you did so in the open. > IF toilet\_everOD = 1 SHOW < You said you have defecated/moved your bowels in the open in the past 7 days. Thinking about the most recent occasion you did this ...>]

How much time (in minutes) did it take for you to walk or reach that place?

#### Post question

Please only consider a one-way trip to that place.

#### Interviewer instructions

Please write the number of minutes in the relevant box.

toilet\_od\_time.\_C\_1\_r1 (toilet\_od\_time\_c\_1\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-15

Valid cases: 53  
Invalid: 547

#### Description

Variable indicating total amount of time taken for one-way open defecation trip

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

You said the last time you defecated/moved your bowels you did so in the open. Thinking about the most recent occasion you did this...

#### Literal question

How much time (in minutes) did it take for you to walk or reach that place?

#### Post question

Please only consider a one-way trip to that place.

#### Interviewer instructions

Please write the number of minutes in the relevant box.

toilet\_postod\_r1 (toilet\_postod\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-3

Valid cases: 53  
Invalid: 547

#### Description

Shows where the respondent went after defecation

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

n.a

#### Literal question

The last time you defecated/moved your bowels in the open, where did you go immediately after?

#### Post question

n.a

#### Interviewer instructions

Read out options 1-3

toilet\_postod\_far\_r1 (toilet\_postod\_far\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 30  
Invalid: 570

#### Description

Variable showing whether the place used last for defecation added more time to their destination

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Still thinking about the last time you defecated/moved your bowels in the open and then went [SHOW < to work with crops / animals > IF toilet\_postod = 2; SHOW <somewhere else> IF toilet\_postod = 3].

#### Literal question

Did going to the place where you defecated/moved your bowels add more than 10 minutes to the journey to your destination?

## toilet\_od\_yday\_r1 (toilet\_od\_yday\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-1

Valid cases: 53  
 Invalid: 547

**Description**

This variable shows respondents who stated that they practiced open defecation the previous day.

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

How many times, if at all, did you defecate/move your bowels in the open yesterday?

**Post question**

n.a

**Interviewer instructions**

n.a

## toilet\_od\_yday.\_C\_1\_r1 (toilet\_od\_yday\_c\_1\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-10

Valid cases: 53  
 Invalid: 547

**Description**

The number of times respondent practised open defecation the previous day

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

How many times, if at all, did you defecate/move your bowels in the open yesterday?

**Post question**

Please write the number of times in the relevant box

**Interviewer instructions**

n.a

## toilet\_shared\_r1 (toilet\_shared\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 580  
 Invalid: 20

#### Description

Variable showing whether their sanitation facility is shared with people who are not their household members

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

N.a

#### Literal question

Do you share that sanitation facility (e.g. the toilet, latrine, etc.) with others who are not members of your household?

#### Post question

N.a

#### Interviewer instructions

N.a

toilet\_public\_r1 (toilet\_public\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 213  
 Invalid: 387

#### Description

variable indicating whether the last sanitation facility visited by the respondent was a public sanitation facility

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

N.a

#### Literal question

Still thinking about the sanitation facility (e.g. the toilet, latrine, etc.) you last visited to defecate/move your bowels. Is this a public facility (i.e. open to the use of the general public)?

#### Post question

N.a

#### Interviewer instructions

N.a

toilet\_num\_hh\_r1 (toilet\_num\_hh\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 158  
 Invalid: 442

#### Description

variable indicates how many other households share the same sanitation facility (for respondents who indicated that they used a public sanitation facility)

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

n.a

#### Literal question

You said you share this sanitation facility (e.g. the toilet, latrine, etc.) with others who are not members of your household. Approximately, how many other households use this sanitation facility?

#### Post question

n.a

#### Interviewer instructions

The number of household members sharing the sanitation facility

toilet\_num\_people\_r1 (toilet\_num\_people\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 158  
 Invalid: 442

#### Description

Variable indicating an estimate of the number of people sharing the respondent's sanitation facility

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

N.a

#### Literal question

Including your own household members, approximately how many people use this sanitation facility (e.g. the toilet, latrine, etc.)?

#### Post question

Please write the number of People in the relevant box

#### Interviewer instructions

N.a

toilet\_loc\_r1 (toilet\_loc\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 580  
 Invalid: 20

**Description**

Variable indicating the location of the sanitation facility last used by the respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Where is the sanitation facility (e.g. the toilet, latrine, etc.) you last visited to defecate/move your bowels located?

**Post question**

n.a

**Interviewer instructions**

Please read out options 1-3.

cfdisp\_r1 (cfdisp\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 107  
 Invalid: 493

**Description**

Variable indicating how stool was disposed for children below 2 years the last time they defecated

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Please now think about children in the household aged under 2.

**Literal question**

How were the stools disposed of the last time a child defecated/moved their bowels?

**Post question**

N.a

**Interviewer instructions**

Please read out options 1-8, if necessary

sanqol\_stats\_san\_1sanqol\_stats\_san\_r1

(sanqol\_stats\_san\_1sanqol\_stats\_s)

File: Sql dataset\_wide

**Overview**



Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 580  
 Invalid: 20

**Description**

Respondent's experience of disgust when using a sanitation facility

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel disgusted when using the toilet?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_san\_2sanqol\_stats\_san\_r1  
 (sanqol\_stats\_san\_2sanqol\_stats\_s)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 580  
 Invalid: 20

**Description**

Respondent's experience of worrying about getting a disease when using a sanitation facility

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you worry that the toilet spreads diseases?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_san\_3sanqol\_stats\_san\_r1  
 (sanqol\_stats\_san\_3sanqol\_stats\_s)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 580  
 Invalid: 20

**Description**

Respondent's experience of worry of being seen when using a sanitation facility

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you worry about being seen while using the toilet?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_san\_4sanqol\_stats\_san\_r1  
 (sanqol\_stats\_san\_4sanqol\_stats\_s)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 580  
 Invalid: 20

**Description**

Respondent's experience of feeling ashamed when using a sanitation facility

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel ashamed about using the toilet?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_san\_5sanqol\_stats\_san\_r1  
 (sanqol\_stats\_san\_5sanqol\_stats\_s)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 580  
 Invalid: 20

**Description**

Respondent's experience when using a sanitation facility

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel unsafe while using the toilet?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_od\_1sanqol\_stats\_od\_r1  
 (sanqol\_stats\_od\_1sanqol\_stats\_od)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 13  
 Invalid: 587

**Description**

Respondent's experience of disgust when practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel disgusted when defecating /moving your bowels in the open?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_od\_2sanqol\_stats\_od\_r1  
 (sanqol\_stats\_od\_2sanqol\_stats\_od)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 13  
 Invalid: 587

**Description**

Respondent's experience of worry that they could spread diseases when practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you worry that defecating /moving your bowels in the open spreads diseases?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_od\_3sanqol\_stats\_od\_r1  
 (sanqol\_stats\_od\_3sanqol\_stats\_od)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 13  
 Invalid: 587

**Description**

Respondent's experience when of being seen while practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you worry about being seen while defecating /moving your bowels in the open?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_od\_4sanqol\_stats\_od\_r1  
 (sanqol\_stats\_od\_4sanqol\_stats\_od)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 13  
 Invalid: 587

**Description**

Respondent's experience of shame when practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel ashamed about defecating /moving your bowels in the open

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_stats\_od\_5sanqol\_stats\_od\_r1  
 (sanqol\_stats\_od\_5sanqol\_stats\_od)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 13  
 Invalid: 587

**Description**

Respondent's experience of feeling unsafe when practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel unsafe while defecating /moving your bowels in the open?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_vas.\_C\_1\_r1 (sanqol\_vas\_r1)  
 File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-100

Valid cases: 598  
 Invalid: 2  
 Minimum: 0  
 Maximum: 100  
 Mean: 64.6  
 Standard deviation: 20.9

**Description**

Variable indicating how the respondents felt about their level of sanitation that day

**Universe**

Male/female household members above 18 years

**Source of information**

Respondent

**Pre question**

N.a

**Literal question**

Looking at this card, please consider this scale marked 0 to 100. Zero is the worst level of sanitation you can imagine, while 100 is the best sanitation you can imagine. Please mark an X on this scale to indicate how you feel about your level of sanitation today.

**Post question**

N.a

**Interviewer instructions**

[INTERVIEWER: PASS RESPONDENT SHOWCARD X]

## menst\_period\_r1 (menst\_period\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 298  
 Invalid: 302

**Description**

The variable indicates female respondents who had a menstrual period in the previous 12 months

**Universe**

Female respondents over 18 years

**Source of information**

Female respondents over 18 years

**Pre question**

The following questions are about your experiences with menstruation in the past 12 months.  
 A "Prefer not to say" option is available for you to use, at your discretion.

Participation is always voluntary, and your responses are used for research purposes only, combined with the answers from all other participants. Please note this information will be kept securely and will only be reported when combined with responses of others so that you cannot be identified.

**Literal question**

Have you had a menstrual period in the past 12 months?

**Post question**

n.a

**Interviewer instructions**

n.a

## menst\_mats\_r1 (menst\_mats\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-8

Valid cases: 213  
 Invalid: 387

**Description**

Variable indicating the type of menstrual materials used by the respondent when they were at home

**Universe**

Female respondents over 18 years

**Source of information**

Female respondents over 18 years

**Pre question**

Please consider your most recent menstrual period and think about when you were at home.

**Literal question**

During your most recent menstrual period, what materials did you mainly use?

**Post question**

n.a

**Interviewer instructions**

Please probe and read out options 1-7 as necessary.

mpns\_disp\_stats\_1mpns\_disp\_stats\_r1  
 (mpns\_disp\_stats\_1mpns\_disp\_stats)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 182  
 Invalid: 418

**Description**

Variable indicating whether the respondent was able to dispose of their used materials in the way that they wanted to

**Universe**

Female respondents over 18 years

**Source of information**

Female respondents over 18 years

**Pre question**

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

**Literal question**

During your most recent menstrual period were you able to dispose of your used materials in the way that you wanted to

**Post question**

n.a

**Interviewer instructions**

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns\_disp\_stats\_2mpns\_disp\_stats\_r1  
 (mpns\_disp\_stats\_2mpns\_disp\_stats)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 182  
 Invalid: 418

**Description**

Variable shows respondents who were concerned that others would see their used menstrual materials in the place that they disposed of them?

**Universe**

Female respondents over 18 years

**Source of information**

Female respondents over 18 years

**Pre question**

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

**Literal question**

During your most recent menstrual period were you concerned that others would see your used menstrual materials in the place you disposed of them?

**Post question**

n.a

**Interviewer instructions**

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns\_disp\_stats\_3mpns\_disp\_stats\_r1  
 (mpns\_disp\_stats\_3mpns\_disp\_stats)  
 File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 30  
 Invalid: 570

**Description**

Variable indicating washable material users who were able to wash their used material when they wanted to

**Universe**

Female respondents over 18 years

**Source of information**

Female respondents over 18 years

**Pre question**

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

**Literal question**

During your most recent menstrual period were you able to wash your menstrual materials when you wanted to

**Post question**

n.a

**Interviewer instructions**

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.



mpns\_disp\_stats\_4mpns\_disp\_stats\_r1  
 (mpns\_disp\_stats\_4mpns\_disp\_stats)  
 File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 213  
 Invalid: 387

#### Description

Variable indicating respondent who were able to change their materials when they wanted to

#### Universe

Female respondents over 18 years

#### Source of information

Female respondents over 18 years

#### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

#### Literal question

During your most recent menstrual period were you able to change your menstrual materials when you wanted to?

#### Post question

n.a

#### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns\_disp\_stats\_5mpns\_disp\_stats\_r1  
 (mpns\_disp\_stats\_5mpns\_disp\_stats)  
 File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 213  
 Invalid: 387

#### Description

Show respondents who were satisfied with the place used to change their menstrual materials

#### Universe

Female respondents over 18 years

#### Source of information

Female respondents over 18 years

#### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

#### Literal question

During your most recent menstrual period were you satisfied with the place you used to change your menstrual materials (for example it was clean and had what you needed, etc.)?

#### Post question

n.a

#### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

## mpns\_disp\_stats\_6mpns\_disp\_stats\_r1 (mpns\_disp\_stats\_6mpns\_disp\_stats) File: Sql dataset\_wide

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-4

Valid cases: 213  
Invalid: 387

### Description

Shows the respondents who were worried about being seen while changing their menstrual materials

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you worried that someone would see you while you were changing your menstrual materials?

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

## Control (arise\_control\_r1) File: Sql dataset\_wide

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-3

Valid cases: 600  
Invalid: 0

### Description

Variable indicating the level of control the respondent has over money that could be used to pay for toilet construction or maintenance.

### Universe

Male/Female respondents above 18 years in a household

### Source of information

Male/Female respondents above 18 years in a household

### Pre question

The following questions are about your control over resources for sanitation.

### Literal question

To what extent, do you agree or disagree with:  
I have control over money that I could use to pay for toilet construction or maintenance.

### Post question

n.a

### Interviewer instructions

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

## Depend (arise\_depend\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 599  
 Invalid: 1

**Description**

Variable indicating the level which the respondent depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

## Response (arise\_respons\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 599  
 Invalid: 1

**Description**

Variable indicating the level which sanitation-related needs and responsibilities makes the respondent miss out on other activities that they would like to do.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

The sanitation-related needs and responsibilities of my household often make me miss out on other activities that I would like to do.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

## help (arise\_help\_r1)

### File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-3

Valid cases: 599  
Invalid: 1

#### Description

Variable indicating the level which the respondent has family members who would help them with sanitation-related chores.

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your control over resources for sanitation.

#### Literal question

To what extent, do you agree or disagree with:  
I have family members who would help me with sanitation-related chores.

#### Post question

n.a

#### Interviewer instructions

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

## change (arise\_change\_r1)

### File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-3

Valid cases: 600  
Invalid: 0

#### Description

Variable indicating the level which respondents feel they can change sanitation conditions in their household or compound if they want to.

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your control over resources for sanitation.

#### Literal question

To what extent, do you agree or disagree with:  
I feel I can change sanitation conditions in my household or compound if I want to.

#### Post question

n.a

#### Interviewer instructions

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

## decision (arise\_decision\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicating to what level the respondents agrees that they are welcome to participate in making a decision about sanitation-related issues.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 If my household was making a decision about sanitation-related issues, I would be welcome to participate in the discussion.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

## risk (arise\_risk\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 591  
 Invalid: 9

**Description**

Variable indicating to what level women in their community face the risk of physical harm or sexual assault when going to sanitation locations

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 Women in my community face the risk of physical harm or sexual assault when going to sanitation locations.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

needs (arise\_needs\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicating to what level the respondent agrees that they can easily use a toilet as often as they need do.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I can easily use a toilet as often as I need do.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

stress (arise\_wb\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicating the level the respondent agrees that they feel stressed as a result of their access to sanitation.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I feel stressed as a result of my access to sanitation.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

permission (arise\_permission\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-6

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicating the level of control the respondent has

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

If you needed to use a sanitation facility (e.g. a toilet, latrine, etc.) when away from home during the day, which of the following best describes your situation?

**Post question**

n.a

**Interviewer instructions**

Please read out 1-5

iwise\_statements\_1iwise\_statements\_r1

(iwise\_statements\_1iwise\_statemen)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicates how often the respondent worried about not having enough water for all of their needs

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often did you worry that you would not have enough water for all of your needs?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

iwise\_statements\_2iwise\_statements\_r1

(iwise\_statements\_2iwise\_statemen)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicates how often the respondent changed schedules or plans because of problems with water

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often did you have to change schedules or plans because of problems with water?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

iwise\_statements\_3iwise\_statements\_r1

(iwise\_statements\_3iwise\_statemen)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-6

Valid cases: 600  
 Invalid: 0

**Description**

Variable indicates how often the respondent did not have as much water to drink as they would have liked

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often did you not have as much water to drink as you would have liked?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

iwise\_statements\_4iwise\_statements\_r1

(iwise\_statements\_4iwise\_statemen)

File: Sql dataset\_wide

**Overview**



Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 600  
 Invalid: 0

### Description

Variable indicates how often the respondent was not able to wash your hands after dirty activities because of water problems

### Universe

Male/Female respondents above 18 years in a household

### Source of information

Male/Female respondents above 18 years in a household

### Pre question

The following questions are about your experiences with water in the past 4 weeks.

### Literal question

How often were you not able to wash your hands after dirty activities because of water problems?

### Post question

n.a

### Interviewer instructions

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

disas\_any\_1\_r1 (disas\_any\_1\_r1)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

### Description

Indicates whether flooding occurred within the previous 12 months

### Universe

Male/Female respondents above 18 years in a household

### Source of information

Male/Female respondents above 18 years in a household

### Pre question

The following questions are about your experience with natural disasters.

### Literal question

Which, if any, of the following natural disasters How often were you not able to wash your hands after dirty activities because of water problem? - Flooding

### Post question

Please read out 1-3

disas\_any\_2\_r1 (disas\_any\_2\_r1)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-1

Valid cases: 600  
 Invalid: 0

### Description

Indicates whether a drought occurred within the previous 12 months

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your experience with natural disasters.

#### Literal question

Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - Drought(s)

#### Post question

Please read out 1-3

disas\_any\_3\_r1 (disas\_any\_3\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

#### Description

Indicates whether severe storm(s) has/have occurred within the previous 12 months

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your experience with natural disasters.

#### Literal question

Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - Severe storm(s)

#### Post question

Please read out 1-3

disas\_any\_998\_r1 (disas\_any\_998\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

#### Description

No disaster occurred

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your experience with natural disasters.

#### Literal question

Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - None of these

#### Post question

Please read out 1-3

disas\_any\_999\_r1 (disas\_any\_999\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-1

Valid cases: 600  
Invalid: 0

#### Description

Responded who were not aware whether any disaster occurred

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your experience with natural disasters.

#### Literal question

Which, if any, of the following natural disasters have occurred in your community in the past 12 months? - Don't know

#### Post question

Please read out 1-3

#### Interviewer instructions

n.a

disas\_all\_1disas\_all\_r1 (disas\_all\_1disas\_all\_r1)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-4

Valid cases: 89  
Invalid: 511

#### Description

Indicates whether flooding affected the respondent's ability to meet their sanitation needs

#### Universe

Male/Female respondents above 18 years in a household

#### Source of information

Male/Female respondents above 18 years in a household

#### Pre question

The following questions are about your experience with natural disasters.

#### Literal question

To what extent, if at all, did the following natural disasters affect your ability to meet your sanitation needs (i.e. to be able to defecate and urinate with privacy and in safety)? - Flooding

#### Post question

Please read out 1-3

#### Interviewer instructions

Please read out each of the statements 1-3, then the sentence in the middle and then read scale 1-4. Repeat the scale as many times as necessary.

disas\_all\_2disas\_all\_r1 (disas\_all\_2disas\_all\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 152  
 Invalid: 448

**Description**

Indicates whether drought affected the respondent's ability to meet their sanitation needs

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experience with natural disasters.

**Literal question**

To what extent, if at all, did the following natural disasters affect your ability to meet your sanitation needs (i.e. to be able to defecate and urinate with privacy and in safety)? - Drought(s)

**Post question**

Please read out 1-3

**Interviewer instructions**

Please read out each of the statements 1-3, then the sentence in the middle and then read scale 1-4. Repeat the scale as many times as necessary.

disas\_all\_3disas\_all\_r1 (disas\_all\_3disas\_all\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 31  
 Invalid: 569

**Description**

Indicates whether sever storm affected the respondent's ability to meet their sanitation needs

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experience with natural disasters.

**Literal question**

To what extent, if at all, did the following natural disasters affect your ability to meet your sanitation needs (i.e. to be able to defecate and urinate with privacy and in safety)? - Severe Storms

**Post question**

Please read out 1-3

**Interviewer instructions**

Please read out each of the statements 1-3, then the sentence in the middle and then read scale 1-4. Repeat the scale as many times as necessary.

hwf\_type\_r1 (hwf\_type\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 600  
 Invalid: 0

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

With your permission, we would like to have a look at where you and other members of your household may wash your hands most often.

Can I just see where you and other members of your household wash your/their hands?

If you don't have a fixed facility (e.g. a sink, tap, etc.) please tell me how do you usually do this.

**Literal question**

Please observe and record type of facility where respondent and other household members wash their hands.

**Post question**

n.a

**Interviewer instructions**

n.a

hwf\_water\_soap\_1hwf\_water\_soap\_r1

(hwf\_water\_soap\_1hwf\_water\_soap\_r)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 401  
 Invalid: 199

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

With your permission, we would like to have a look at where you and other members of your household may wash your hands most often.

Can I just see where you and other members of your household wash your/their hands?

If you don't have a fixed facility (e.g. a sink, tap, etc.) please tell me how do you usually do this.

**Literal question**

Please OBSERVE if any of the following is available or not at the place for handwashing. - Water

**Post question**

n.a

**Interviewer instructions**

DO NOT ASK

## hwf\_water\_soap\_2hwf\_water\_soap\_r1 (hwf\_water\_soap\_2hwf\_water\_soap\_r) File: Sql dataset\_wide

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 401  
Invalid: 199

### Description

N.a

### Universe

N.a

### Source of information

Field Interviewer

### Pre question

With your permission, we would like to have a look at where you and other members of your household may wash your hands most often.

Can I just see where you and other members of your household wash your/their hands?

If you don't have a fixed facility (e.g. a sink, tap, etc.) please tell me how do you usually do this.

### Literal question

Please OBSERVE if any of the following is available or not at the place for handwashing. - soap/detergent/handwash

### Post question

n.a

## San\_fac\_home\_r1 (san\_fac\_home\_r1) File: Sql dataset\_wide

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-5

Valid cases: 600  
Invalid: 0

### Description

N.a

### Universe

N.a

### Source of information

Field Interviewer

### Pre question

You said earlier that last time you defecated/moved your bowels you used a toilet or latrine within the house/dwelling.>

SHOW IF toilet\_loc =2 < You said earlier that last time you defecated/moved your bowels you used a toilet or latrine in the yard /plot of the house/dwelling.>

### Literal question

Which, if any, of the following best describes the type of sanitation service you mainly use in your house/dwelling when you need to defecate/move your bowels?

### Post question

n.a

### Interviewer instructions

Read out 1-4

## obs\_consent\_r1 (obs\_consent\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Respondent

**Pre question**

For the next few questions, we would like your permission to have a look at the sanitation facility used by you and your household members.

Please note this information will be kept securely and reported with the responses of others so that you cannot be identified. Participation is always voluntary, and your responses are used for research purposes only.

**Literal question**

Please may I look at this toilet or latrine you and your household members usually use?

**Post question**

N.a

**Interviewer instructions**

N.a

## obs\_typeused\_r1 (obs\_typeused\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-6

Valid cases: 600  
 Invalid: 0

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

Which of the following pictures most closely resembles the sanitation facility (e.g. toilet, latrine, etc.) usually used by you and your household members?

Which of the following pictures most closely resembles the sanitation facility (e.g. toilet, latrine, etc.) usually used by you and your household members?

**Interviewer instructions**

Please observe toilet facility and code which type of toilet facility most closely resembles the sanitation facility used by the respondents and their household members. Please also refer to briefing notes. Please ask respondent if not clear

## obs\_typeused\_flush\_r1 (obs\_typeused\_flush\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 110  
 Invalid: 490

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

To the best of your knowledge, when you flush the toilet, where does the waste go?

**Post question**

n.a

**Interviewer instructions**

n.a

## obs\_panslab\_r1 (obs\_panslab\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

What type of pan or slab does the toilet or latrine have?

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code what type of pan or slab it has, referring to briefing notes. Please ask respondent if not clear.

## obs\_interface\_r1 (obs\_interface\_r1)

File: Sql dataset\_wide



**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

What is the flushing mechanism of the toilet or latrine?

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code what type of flushing mechanism it has, referring to briefing notes. Please ask respondent if not clear.

obs\_water\_available\_r1 (obs\_water\_available\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

Is there a water near the toilet or latrine

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code if any water is available near the toilet or latrine. Please ask respondent if not clear.

obs\_wallsmat\_r1 (obs\_wallsmat\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-12

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

What material are the toilet / latrine walls mainly built from?

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code the main material of the walls of the toilet or latrine. Please ask respondent if not clear.

obs\_wallsmat.\_C\_11\_r1 (obs\_wallsmat\_c\_11\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 14  
 Invalid: 0

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

What material are the toilet / latrine walls mainly built from?

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code the main material of the walls of the toilet or latrine. Please ask respondent if not clear.

obs\_insidelock\_r1 (obs\_insidelock\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

Can this toilet be locked from the inside?

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code if this toilet can be locked from the inside. Please ask respondent if not clear.

SQL\_roof\_r1 (sqi\_roof\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

n.a

**Literal question**

Does the sanitation facility have a solid roof, without holes?

**Post question**

n.a

**Interviewer instructions**

Please observe toilet facility and code if there is a solid roof, without holes in the facility. Please ask respondent if not clear.

SQL\_floor\_r1 (sqi\_floor\_r1)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 560  
 Invalid: 40

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Does the sanitation facility have a solid floor, without cracks/holes?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code if there is a solid floor, without cracks/holes, in the facility. Please ask respondent if not clear.

obs\_only\_stats\_1obs\_only\_stats\_r1 (obs\_only\_stats\_1obs\_only\_stats\_r)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 491  
Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Is there a strong smell of urine inside the toilet facility?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code each of the following accordingly. DO NOT ASK RESPONDENT.

obs\_only\_stats\_2obs\_only\_stats\_r1 (obs\_only\_stats\_2obs\_only\_stats\_r)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 491  
Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Is there a strong smell of faeces inside the toilet facility?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code each of the following accordingly. DO NOT ASK RESPONDENT.

obs\_only\_stats\_3obs\_only\_stats\_r1 (obs\_only\_stats\_3obs\_only\_stats\_r)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 491  
Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Is there solid waste inside the cubicle?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code each of the following accordingly. DO NOT ASK RESPONDENT.

obs\_only\_stats\_4obs\_only\_stats\_r1 (obs\_only\_stats\_4obs\_only\_stats\_r)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 491  
Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Are there visible faeces in or around the pan/hole?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code each of the following accordingly. DO NOT ASK RESPONDENT.

obs\_only\_stats\_5obs\_only\_stats\_r1 (obs\_only\_stats\_5obs\_only\_stats\_r)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 491  
Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Are there Insects inside the cubicle?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code each of the following accordingly. DO NOT ASK RESPONDENT.

obs\_only\_stats\_6obs\_only\_stats\_r1 (obs\_only\_stats\_6obs\_only\_stats\_r)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 491  
Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

Is the toilet/latrine clogged or full?

**Post question**

N.a

**Interviewer instructions**

Please observe toilet facility and code each of the following accordingly. DO NOT ASK RESPONDENT.

## HWF\_INT1HWF\_INT1\_r1 (photo\_taken)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 491  
 Invalid: 109

**Description**

N.a

**Universe**

N.a

**Source of information**

Field Interviewer

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

## SURVEY\_INTRO\_2\_F\_r2 (survey\_intro\_2\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-1

Valid cases: 400  
 Invalid: 200

**Description**

n.a

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

N/a

**Literal question**

Hello. My name is \_\_\_\_ from Ipsos Kenya. We are conducting some research on behalf of the London School of Hygiene and Tropical Medicine and the African Population and Health Research Centre about people's quality of life, and how men and women in Kenya may experience sanitation services differently. Approximately 1,000 interviews are being conducted across Kenya for this study with a random sample of adults aged 18+.

As I believe you know, we have already interviewed another member of your household. However, for this research we need to get the perspectives of two household members of different genders. This second interview is shorter and takes about 10 minutes.

Your participation is entirely voluntary but would be very grateful for your support with this important study. I would stress that the research is completely confidential, and your responses would be anonymous and combined with the responses of others taking part when analysing the results. Would you be willing to help?

**Post question**

N/a

**Interviewer instructions**

N/a

soc\_respage.\_C\_1\_F\_r2 (soc\_respage\_r2)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 18-79

Valid cases: 400  
 Invalid: 200  
 Minimum: 18  
 Maximum: 79  
 Mean: 33.9  
 Standard deviation: 13

**Description**

2nd respondent's age, (range)

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

N/a

**Literal question**

What is your age?

**Post question**

N/a

**Interviewer instructions**

IF WILLING TO PARTICIPATE PLEASE CHECK AGE OF RESPONDENT

respage\_range\_F\_r2 (respage\_range\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 2-7

Valid cases: 400  
 Invalid: 200

**Description**

2nd respondent age range

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

If respondent Refuses to provide exact age at previous question, then ask: May I ask which of the broad age bands you fall into? Read out options 1-7.

**Literal question**

What is your age?

**Post question**

N/a

**Interviewer instructions**

What is your age?



soc\_sex\_F\_r2 (soc\_sex\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 400  
 Invalid: 200

**Description**

Respondent's sex

**Universe**

Male/female household members above 18 years

**Source of information**

Field interviewer

**Pre question**

N/a

**Literal question**

1. Male
2. Female

**Post question**

N/a

**Interviewer instructions**

Record gender of respondent.

int\_consent\_F\_r2 (int\_consent\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-1

Valid cases: 400  
 Invalid: 200

**Description**

Obtaining Consent from the second respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Just to confirm you are eligible to take part in the survey. I would like to provide you with some further background about this research.

**Literal question**

Based on the information provided, can I just check if you are willing to take part in the survey, or not?

**Post question**

N.a

**Interviewer instructions**

N.a

## soc\_reltofirst\_F\_r2 (soc\_reltofirst\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-12

Valid cases: 400  
 Invalid: 200

**Description**

Relationship between first and second respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

N.a

**Literal question**

What is your relationship to xxx we interviewed earlier in this household? That person is your...

**SINGLE CODE**

1. Husband/wife
2. Partner living as if married
3. Father/mother
4. Father/mother-in-law
5. Brother/sister
6. Brother/sister-in-law
7. Aunt/uncle
8. Niece/nephew
9. Grandparent
10. Grandchild
11. Any other relative
12. Not related
13. Prefer not to say

**Post question**

N.a

**Interviewer instructions**

Probe and read out options 1-12, as necessary.

## soc\_partner\_F\_r2 (soc\_partner\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 400  
 Invalid: 200

**Description**

marital status

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

What is your marital status?

#### Post question

n.a

#### Interviewer instructions

Probe and read out options 1-5, if necessary.

soc\_part\_age\_F\_r2 (soc\_part\_age\_f\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-2

Valid cases: 281  
Invalid: 319

#### Description

Partner's age

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

n.a

#### Literal question

How old is your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

#### Post question

n.a

#### Interviewer instructions

n.a

soc\_part\_age\_C\_1\_F\_r2 (soc\_part\_age\_c\_1\_f\_r2)

File: Sql dataset\_wide

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 19-78

Valid cases: 278  
Invalid: 322  
Minimum: 19  
Maximum: 78  
Mean: 38  
Standard deviation: 12.7

#### Description

Partner's age

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

n.a

#### Literal question

How old is your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

#### Post question

n.a

#### Interviewer instructions

n.a

## soc\_part\_age\_range\_F\_r2 (soc\_part\_age\_range\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 2-7

Valid cases: 281  
 Invalid: 319

**Description**

Age range of partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

If respondent refuses to provide age of their partner at previous question then ask

**Literal question**

May I ask which of the following broad age bands your partner falls into?

**Post question**

Read out options 1-7.

**Interviewer instructions**

n.a

## soc\_ageat\_F\_r2 (soc\_ageat\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 281  
 Invalid: 319

**Description**

Age at which the respondent started living with partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

How old were you when you first started living with your &lt;SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'&gt;?

**Post question**

n/a

**Interviewer instructions**

n/a

## soc\_ageat.\_C\_1\_F\_r2 (soc\_ageat\_c\_1\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 13-45

Valid cases: 274  
 Invalid: 326  
 Minimum: 13  
 Maximum: 45  
 Mean: 24  
 Standard deviation: 5.2

**Description**

Age at which respondent got married/started living with partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

How old were you when you first started living with your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n.a

**Interviewer instructions**

n.a

## soc\_ageat\_dk\_F\_r2 (soc\_ageat\_dk\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 281  
 Invalid: 319

**Description**

Age range of when respondent started living with partner

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

I am going to read out a list of age ranges for you, if that would be helpful. Around what age did you start living with your <SHOW 'Husband/partner' if SOC\_SEX = 2 'FEMALE'; SHOW 'Wife/partner' if SOC\_SEX = 1 'MALE'>?

**Post question**

n.a

**Interviewer instructions**

n.a

## soc\_resp\_school\_F\_r2 (soc\_resp\_school\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9

Valid cases: 400  
 Invalid: 200

**Description**

highest level of education completed by the 1st respondent

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

What is the highest level of education that you have completed?

**Post question**

Probe and read out options 1-10, as necessary

**Interviewer instructions**

What is the highest level of education that you have completed?

## resp\_school\_recode\_F\_r2 (resp\_school\_recode\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 400  
 Invalid: 200

**Description**

Highest level of education completed by 1st respondent categorised

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n/a

**Literal question**

What is the highest level of education that you have completed?

**Post question**

n/a

**Interviewer instructions**

n/a

## hh\_decide\_F\_r2 (hh\_decide\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 400  
 Invalid: 200

**Description**

decision making power of the respondent in the household

**Universe**

household

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Which of the following statements best describes who is the main decision maker regarding major household purchases?

**Post question**

By major household purchases we mean things like furniture or livestock, etc.

**Interviewer instructions**

n.a

owb\_lifesat\_F\_r2 (owb\_lifesat\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-10

Valid cases: 400  
 Invalid: 200

**Description**

This variable measures life satisfaction of the respondent in recent days

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The next questions are about your overall wellbeing.

**Literal question**

Overall, how satisfied are you with life as a whole these days?

**Post question**

Please use a scale of 0 to 10, where 0 means you feel "not at all satisfied" and 10 means you feel "completely satisfied".

who5\_stats\_1who5\_stats\_F\_r2 (who5\_cheerful\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-5

Valid cases: 400  
 Invalid: 200

**Description**

variable indicates the level of cheerfulness experienced by the respondent over a period of 2 weeks

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

**Literal question**

Over the last 2 weeks I have felt cheerful and in good spirits

**Post question**

n.a

**Interviewer instructions**

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_2who5\_stats\_F\_r2 (who5\_calm\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-5

Valid cases: 400

Invalid: 200

**Description**

variable indicates the level of calmness experienced by the respondent over a period of 2 weeks

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

**Literal question**

Over the last 2 weeks I have felt I have felt calm and relaxed

**Interviewer instructions**

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_3who5\_stats\_F\_r2 (who5\_active\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 10

Decimals: 0

Range: 0-5

Valid cases: 399

Invalid: 201

**Description**

variable indicates the level of being active experienced by the respondent over a period of 2 weeks

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**



Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt I have felt active and vigorous

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_4who5\_stats\_F\_r2 (who5\_fresh\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-5

Valid cases: 400  
Invalid: 200

#### Description

variable indicates the level of feeling fresh experienced by the respondent over a period of 2 weeks

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt I woke up feeling fresh and rested

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

who5\_stats\_5who5\_stats\_F\_r2 (who5\_interest\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 0-5

Valid cases: 399  
Invalid: 201

#### Description

variable indicates the level of respondent's daily life has being filled with things that interest them over a period of 2 weeks

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

Please indicate for each statement that I am going to read out, which answer is closest to how you have been feeling over the last two weeks.

#### Literal question

Over the last 2 weeks I have felt my daily life has been filled with things that interest me

#### Post question

n.a

#### Interviewer instructions

Read out each statement and options 1-6 on the scale. Repeat scale as many times as necessary while reading statements.

eq5d\_walk\_F\_r2 (eq5d\_walk\_f\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-5

Valid cases: 400  
Invalid: 200

#### Description

Variable indicating whether the respondent has problems when walking

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

I would now like to ask you about your mobility

#### Literal question

Would you say that...

1. You have no problems in walking about?
2. You have slight problems in walking about?
3. You have moderate problems in walking about?
4. You have severe problems in walking about?

You are unable to walk about?

#### Post question

n.a

#### Interviewer instructions

n.a

eq5d\_pain\_F\_r2 (eq5d\_pain\_f\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-5

Valid cases: 400  
Invalid: 200

#### Description

Variable showing the levels of pain experienced by respondent

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

I would like to ask you about any pain or discomfort that you may experience.

#### Literal question

Would you say that...

1. You have no pain or discomfort?
2. You have slight pain or discomfort?
3. You have moderate pain or discomfort?
4. You have severe pain or discomfort?
5. You have extreme pain or discomfort?

**Post question**

n.a

**Interviewer instructions**

n.a

toilet\_lastur\_F\_r2 (toilet\_lastur\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicating where the respondent urinated last

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Thinking about the last time you peed/urinated, where did you go?

**Post question**

n.a

**Interviewer instructions**

Read out each statement 1-4

toilet\_lastdef\_F\_r2 (toilet\_lastdef\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicating where the respondent defecated last

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Thinking about the last time you defecated/moved your bowels, where did you go?

**Post question**

n.a

**Interviewer instructions**

Read out each statement 1-4

## toilet\_everOD\_F\_r2 (toilet\_everod\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 393  
 Invalid: 207

**Description**

Variable indicating whether the respondent practised open defecation in the previous 7 days

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

Have you defecated/moved your bowels in the open (i.e. in the bushes, forest, stream etc.) at all in the past 7 days?

**Post question**

n.a

**Interviewer instructions**

Have you defecated/moved your bowels in the open (i.e. in the bushes, forest, stream etc.) at all in the past 7 days?

## toilet\_od\_time\_F\_r2 (toilet\_od\_time\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 2-28

Valid cases: 21  
 Invalid: 579  
 Minimum: 2  
 Maximum: 28  
 Mean: 7  
 Standard deviation: 6.2

**Description**

Respondent did an open defecation on their last occasion

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

n.a

**Literal question**

You said the last time you defecated/moved your bowels you did so in the open. >; IF toilet\_everOD = 1 SHOW < You said you have defecated/moved your bowels in the open in the past 7 days. Thinking about the most recent occasion you did this ...>]

How much time (in minutes) did it take for you to walk or reach that place?

**Post question**

Please only consider a one-way trip to that place.

**Interviewer instructions**

Please write the number of minutes in the relevant box.

## sochhsizekidsunder2\_F\_r2 (sochhsizekidsunder2\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 400  
 Invalid: 200

**Description**

Total number of children or young people aged under 2 in a HH

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

ASK IF soc\_hhsize\_3 = 2-11

**Literal question**

And are any of the children in the household under 2 years of age?

**Post question**

n.a

**Interviewer instructions**

n.a

## cfd\_disp\_F\_r2 (cfd\_disp\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-8

Valid cases: 88  
 Invalid: 512

**Description**

Variable indicating how stool was disposed for children below 2 years the last time they defecated

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

Please now think about children in the household aged under 2.

**Literal question**

How were the stools disposed of the last time a child defecated/moved their bowels?

**Post question**

N.a

**Interviewer instructions**

Please read out options 1-8, if necessary

## cfd\_times\_C\_1\_F\_r2 (cfd\_times\_c\_1\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-6

Valid cases: 77  
 Invalid: 523

**Description**

Variable showing the number of times the respondent personally clean a child aged under 2 after they defecated and then disposed their stool.

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

N.a

**Literal question**

Yesterday, how many times, if at all, did you personally clean a child aged under 2 after they defecated/moved their bowels and then dispose of their stools?

**Post question**

N.a

**Interviewer instructions**

Please write the number of times in the relevant box.

sanqol\_toilet1\_r2 (sanqol\_toilet1\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 389  
 Invalid: 211

**Description**

Respondent's experience of disgust when using a sanitation facility

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel disgusted when using the toilet?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_toilet2\_r2 (sanqol\_toilet2\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 389  
 Invalid: 211

### Description

Respondent's experience of worrying about getting a disease when using a sanitation facility

### Universe

Male/female household members above 18 years

### Source of information

Male/female household members above 18 years

### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

### Literal question

How often do you worry that the toilet spreads diseases?

### Post question

n.a

### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_toilet3\_r2 (sanqol\_toilet3\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 389  
 Invalid: 211

### Description

Respondent's experience of worry of being seen when using a sanitation facility

### Universe

Male/female household members above 18 years

### Source of information

Male/female household members above 18 years

### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

### Literal question

How often do you worry about being seen while using the toilet?

### Post question

n.a

### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_toilet4\_r2 (sanqol\_toilet4\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 389  
 Invalid: 211

### Description

Respondent's experience of feeling ashamed when using a sanitation facility

### Universe

Male/female household members above 18 years

### Source of information

Male/female household members above 18 years

### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

### Literal question

How often do you feel ashamed about using the toilet?

### Post question

n.a

### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_toilet5\_r2 (sanqol\_toilet5\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 389  
 Invalid: 211

### Description

Respondent's experience when using a sanitation facility

### Universe

Male/female household members above 18 years

### Source of information

Male/female household members above 18 years

### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

### Literal question

How often do you feel unsafe while using the toilet?

### Post question

n.a

### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_od1\_r2 (sanqol\_od1\_r2)

File: Sql dataset\_wide

### Overview



Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 7  
 Invalid: 593

**Description**

Respondent's experience of disgust when practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you feel disgusted when defecating /moving your bowels in the open?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_od2\_r2 (sanqol\_od2\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 7  
 Invalid: 593

**Description**

Respondent's experience of worry that they could spread diseases when practising open defecation

**Universe**

Male/female household members above 18 years

**Source of information**

Male/female household members above 18 years

**Pre question**

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

**Literal question**

How often do you worry that defecating /moving your bowels in the open spreads diseases?

**Post question**

n.a

**Interviewer instructions**

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_od3\_r2 (sanqol\_od3\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 7  
 Invalid: 593

#### Description

Respondent's experience when of being seen while practising open defecation

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

#### Literal question

How often do you worry about being seen while defecating /moving your bowels in the open?

#### Post question

n.a

#### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_od4\_r2 (sanqol\_od4\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 7  
 Invalid: 593

#### Description

Respondent's experience of shame when practising open defecation

#### Universe

Male/female household members above 18 years

#### Source of information

Male/female household members above 18 years

#### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

#### Literal question

How often do you feel ashamed about defecating /moving your bowels in the open

#### Post question

n.a

#### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_od5\_r2 (sanqol\_od5\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-3

Valid cases: 7  
 Invalid: 593

### Description

Respondent's experience of feeling unsafe when practising open defecation

### Universe

Male/female household members above 18 years

### Source of information

Male/female household members above 18 years

### Pre question

The following questions are about your sanitation experiences in the past 4 weeks, meaning moving your bowels/defecating, peeing/urination and anything else you do in a toilet

### Literal question

How often do you feel unsafe while defecating /moving your bowels in the open?

### Post question

n.a

### Interviewer instructions

Please read out each of the following questions and options 1-3. Repeat scale as many times as necessary.

sanqol\_vas\_F\_r2 (sanqol\_vas\_r2)

File: Sql dataset\_wide

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-100

Valid cases: 400  
 Invalid: 200  
 Minimum: 0  
 Maximum: 100  
 Mean: 63.7  
 Standard deviation: 22.1

### Description

Variable indicating how the respondents felt about their level of sanitation that day

### Universe

Male/female household members above 18 years

### Source of information

Male/female household members above 18 years

### Pre question

n.a

### Literal question

Looking at this card, please consider this scale marked 0 to 100. Zero is the worst level of sanitation you can imagine, while 100 is the best sanitation you can imagine. Please mark an X on this scale to indicate how you feel about your level of sanitation today.

### Post question

n.a

### Interviewer instructions

[INTERVIEWER: PASS RESPONDENT SHOWCARD X],

menst\_period\_F\_r2 (menst\_period\_f\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-2

Valid cases: 216  
 Invalid: 384

#### Description

The variable indicates female respondents who had a menstrual period in the previous 12 months

#### Universe

Female respondents over 18 years

#### Source of information

Female respondents over 18 years

#### Pre question

The following questions are about your experiences with menstruation in the past 12 months.  
 A "Prefer not to say" option is available for you to use, at your discretion.

Participation is always voluntary, and your responses are used for research purposes only, combined with the answers from all other participants. Please note this information will be kept securely and will only be reported when combined with responses of others so that you cannot be identified.

#### Literal question

Have you had a menstrual period in the past 12 months?

#### Post question

n.a

#### Interviewer instructions

n.a

menst\_mats\_F\_r2 (menst\_mats\_f\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-9

Valid cases: 170  
 Invalid: 430

#### Description

Variable indicating the type of menstrual materials used by the respondent when they were at home

#### Universe

Female respondents over 18 years

#### Source of information

Female respondents over 18 years

#### Pre question

Please consider your most recent menstrual period and think about when you were at home.

#### Literal question

During your most recent menstrual period, what materials did you mainly use?

#### Post question

n.a

#### Interviewer instructions

Please probe and read out options 1-7 as necessary.

mpns1\_r2 (mpns1\_r2)

File: Sql dataset\_wide

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 144  
 Invalid: 456

### Description

Variable indicating whether the respondent was able to dispose of their used materials in the way that they wanted to

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you able to dispose of your used materials in the way that you wanted to

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns2\_r2 (mpns2\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 144  
 Invalid: 456

### Description

Variable shows respondents who were concerned that others would see their used menstrual materials in the place that they disposed of them?

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you concerned that others would see your used menstrual materials in the place you disposed of them?

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns3\_r2 (mpns3\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 25  
 Invalid: 575

### Description

Variable indicating washable material users who were able to wash their used material when they wanted to

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you able to wash your menstrual materials when you wanted to

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns4\_r2 (mpns4\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 170  
 Invalid: 430

### Description

Variable indicating respondent who were able to change their materials when they wanted to

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you able to change your menstrual materials when you wanted to?

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns5\_r2 (mpns5\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-4

Valid cases: 170  
 Invalid: 430

### Description

Show respondents who were satisfied with the place used to change their menstrual materials

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you satisfied with the place you used to change your menstrual materials (for example it was clean and had what you needed, etc.)?

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

mpns6\_r2 (mpns6\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 170  
 Invalid: 430

### Description

Shows the respondents who were worried about being seen while changing their menstrual materials

### Universe

Female respondents over 18 years

### Source of information

Female respondents over 18 years

### Pre question

The next questions are about your most recent menstrual period, and we are only asking about when you were at home.

### Literal question

During your most recent menstrual period were you worried that someone would see you while you were changing your menstrual materials?

### Post question

n.a

### Interviewer instructions

Please read out each question and list of options 1-4. Repeat list as many times as needed. If necessary, remind respondent we are only asking about when they were at home for these questions.

arise2\_r2 (arise\_depend\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 399  
 Invalid: 201

### Description

Variable indicating the level which the respondent depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.

### Universe

Male/Female respondents above 18 years in a household

### Source of information

Male/Female respondents above 18 years in a household

### Pre question

The following questions are about your control over resources for sanitation.

### Literal question

To what extent, do you agree or disagree with:  
 I depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.

### Post question

n.a

### Interviewer instructions

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

arise3\_r2 (arise\_respons\_r2)

File: Sql dataset\_wide

### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 400  
 Invalid: 200

### Description

Variable indicating the level which sanitation-related needs and responsibilities makes the respondent miss out on other activities that they would like to do.

### Universe

Male/Female respondents above 18 years in a household

### Source of information

Male/Female respondents above 18 years in a household

### Pre question

The following questions are about your control over resources for sanitation.

### Literal question

The sanitation-related needs and responsibilities of my household often make me miss out on other activities that I would like to do.

### Post question

n.a

### Interviewer instructions

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

arise4\_r2 (arise\_help\_r2)

File: Sql dataset\_wide

### Overview



Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 399  
 Invalid: 201

**Description**

Variable indicating the level which the respondent has family members who would help them with sanitation-related chores.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I have family members who would help me with sanitation-related chores.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

arise5\_r2 (arise\_change\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicating the level which respondents feel they can change sanitation conditions in their household or compound if they want to.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I feel I can change sanitation conditions in my household or compound if I want to.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

arise8\_r2 (arise\_needs\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicating to what level the respondent agrees that they can easily use a toilet as often as they need do.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I can easily use a toilet as often as I need do.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

arise9\_r2 (arise\_wb\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 0-3

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicating the level the respondent agrees that they feel stressed as a result of their access to sanitation.

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

To what extent, do you agree or disagree with:  
 I feel stressed as a result of my access to sanitation.

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-4. Repeat list as many times as needed.

arise\_permission\_F\_r2 (arise\_permission\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicating the level of control the respondent has

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your control over resources for sanitation.

**Literal question**

If you needed to use a sanitation facility (e.g. a toilet, latrine, etc.) when away from home during the day, which of the following best describes your situation?

**Post question**

n.a

**Interviewer instructions**

Please read out 1-5

iwise1\_r2 (iwise1\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicates how often the respondent worried about not having enough water for all of their needs

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often did you worry that you would not have enough water for all of your needs?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

iwise2\_r2 (iwise2\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicates how often the respondent changed schedules or plans because of problems with water

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often did you have to change schedules or plans because of problems with water?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

iwise3\_r2 (iwise3\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicates how often the respondent did not have as much water to drink as they would have liked

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often did you not have as much water to drink as you would have liked?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

iwise4\_r2 (iwise4\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1-5

Valid cases: 400  
 Invalid: 200

**Description**

Variable indicates how often the respondent was not able to wash your hands after dirty activities because of water problems

**Universe**

Male/Female respondents above 18 years in a household

**Source of information**

Male/Female respondents above 18 years in a household

**Pre question**

The following questions are about your experiences with water in the past 4 weeks.

**Literal question**

How often were you not able to wash your hands after dirty activities because of water problems?

**Post question**

n.a

**Interviewer instructions**

Please read out each statement and list of options 1-5. Repeat list as many times as needed.

Final\_notes\_F\_r2 (final\_notes\_f\_r2)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Valid cases: 400

Format: character

Width: 186

**Description**

N.a

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(diff\_sq)

File: Sql dataset\_wide

**Overview**

Type: Continuous

Valid cases: 386

Format: numeric

Invalid: 214

Width: 9

Minimum: -1

Decimals: 0

Maximum: 1

Range: -1-1

Mean: 0

Standard deviation: 0.2

**Description**

A secondary variable indicating the difference between men and women in sanqol index

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(diff\_age)

File: Sql dataset\_wide

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: -51-43

Valid cases: 400

Invalid: 200

Minimum: -51

Maximum: 43

Mean: 1.8

Standard deviation: 12.8

**Description**

secondary variable indicating age differences between the 1st and 2nd respondent

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_depend\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: -3-3

Valid cases: 398

Invalid: 202

**Description**

Difference between male and female dependance on their partners to provide small items e.g soap

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

1. I depend on someone else to pay for small sanitation-related expenses, such as toilet paper or soap.

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_respons\_diff)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -3-3

Valid cases: 400  
Invalid: 200

**Description**

Difference between male and female on sanitation-related needs and responsibilities making miss out on other activities that they would like to do.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

1. The sanitation-related needs and responsibilities of my household often make me miss out on other activities that I would like to do.

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_help\_diff)  
File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -3-3

Valid cases: 398  
Invalid: 202

**Description**

scores for males within households on

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

I have family members who would help me with sanitation-related chores.

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_change\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -3-3

Valid cases: 400  
 Invalid: 200

**Description**

The difference between men and women on how they feel about changing sanitation conditions in their household or compound if they wanted to.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

I feel I can change sanitation conditions in my household or compound if I want to.

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_needs\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -3-3

Valid cases: 400  
 Invalid: 200

**Description**

Total difference in arise scores for men and women

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a



(arise\_wb\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -3-3

Valid cases: 400  
 Invalid: 200

**Description**

Difference between men & women on the level they agree that they feel stressed as a result of their access to sanitation.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

To what extent, do you agree or disagree with:  
 I feel stressed as a result of my access to sanitation.

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_permission\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -4-5

Valid cases: 400  
 Invalid: 200

**Description**

Differences in ability to use a sanitation facility alone away from home between men and women in a household

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

If you needed to use a sanitation facility (e.g. a toilet, latrine, etc.) when away from home during the day, which of the following best describes your situation?

**Post question**

N.a

**Interviewer instructions**

Please read out 1-5

(sq\_heal\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -2-2

Valid cases: 391  
 Invalid: 209

**Description**

Difference between men and women in a household in perception of disease (SanQol index)

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

How often do you worry that the toilet spreads diseases?

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_disg\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -2-2

Valid cases: 393  
 Invalid: 207

**Description**

Difference between men and women in a household in feeling disgusted when using the toilet (SanQol index)

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

How often do you feel disgusted when using the toilet?

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_safe\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -2-2

Valid cases: 391  
 Invalid: 209

**Description**

Difference between men and women in a household in feeling unsafe while using the toilet

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

How often do you feel unsafe while using the toilet?

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_priv\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -2-2

Valid cases: 391  
 Invalid: 209

**Description**

Difference between men and women in a household in worrying about being seen while using the toilet

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

How often do you worry about being seen while using the toilet?

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_sham\_diff)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -2-2

Valid cases: 392  
 Invalid: 208

**Description**

Difference between men and women in a household in feeling ashamed about using the toilet

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

How often do you feel ashamed about using the toilet?

**Post question**

N.a

**Interviewer instructions**

N.a

(diff\_lifesat)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -10-9

Valid cases: 400  
Invalid: 200

**Description**

Difference between men and women in a household in their satisfaction with life in recent days

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

Overall, how satisfied are you with life as a whole these days?

Please use a scale of 0 to 10, where 0 means you feel “not at all satisfied” and 10 means you feel “completely satisfied”.

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 211  
Invalid: 389  
Minimum: 0  
Maximum: 1  
Mean: 0.8  
Standard deviation: 0.2

**Description**

Sanqol scores for males - within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

n.a

**Post question**

N.a

**Interviewer instructions**

N.a

## (sq\_females\_intra)

### File: Sql dataset\_wide

**Overview**

Type: Continuous	Valid cases: 180
Format: numeric	Invalid: 420
Width: 9	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.8
	Standard deviation: 0.2

**Description**

sanqol scores for females - within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

## (vas\_males\_intra)

### File: Sql dataset\_wide

**Overview**

Type: Continuous	Valid cases: 216
Format: numeric	Invalid: 384
Width: 9	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 62.3
	Standard deviation: 22.9

**Description**

score for males felt about their level of sanitation in their households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(vas\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 0-100

Valid cases: 184

Invalid: 416

Minimum: 0

Maximum: 100

Mean: 65.3

Standard deviation: 21.1

**Description**

score for females felt about their level of sanitation in their households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(who5\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 8-100

Valid cases: 214

Invalid: 386

Minimum: 8

Maximum: 100

Mean: 54.4

Standard deviation: 20

**Description**

WHO5 score for males within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(who5\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 4-92

Valid cases: 184

Invalid: 416

Minimum: 4

Maximum: 92

Mean: 53.8

Standard deviation: 21.5

**Description**

WHO5 score for males within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(lifesat\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 0-10

Valid cases: 216

Invalid: 384

**Description**

Life satisfaction score for males within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(lifesat\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-10

Valid cases: 184  
 Invalid: 416

**Description**

Life satisfaction score for females within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_depend\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 215  
 Invalid: 385

**Description**

score for male dependance on their partners to provide small items e.g soap within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a



(arise\_respons\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 216  
 Invalid: 384

**Description**

score for males within households on sanitation-related needs and responsibilities making them miss out on other activities that they would like to do.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_help\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 216  
 Invalid: 384

**Description**

score for males within households on having family members who would help with sanitation-related chores

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_change\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 216  
 Invalid: 384

**Description**

score for males within households on how they feel about changing sanitation conditions in their household or compound if they wanted to.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_needs\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 216  
 Invalid: 384

**Description**

total Arise scales scores for males within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_wb\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 216  
 Invalid: 384

**Description**

score for males within households on

(arise\_permission\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 1-5

Valid cases: 216  
 Invalid: 384

**Description**

scores for males within households on ability to use a sanitation facility alone away from home between men and women in a household

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_depend\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 184  
 Invalid: 416

**Description**

score for female dependance on their partners to provide small items e.g soap within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_respons\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 184  
 Invalid: 416

**Description**

core for females within households on sanitation-related needs and responsibilities making miss out on other activities that they would like to do.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_help\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 183  
 Invalid: 417

**Description**

score for women within households on having family members whou would help with sanitation-related chores

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_change\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 184  
 Invalid: 416

**Description**

scores for women within households on on how they feel about changing sanitation conditions in their household or compound if they wanted to.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_needs\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 184  
 Invalid: 416

**Description**

total Arise scores for women within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_wb\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-3

Valid cases: 184  
 Invalid: 416

**Description**

level the women within households agree that they feel stressed as a result of their access to sanitation.

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(arise\_permission\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 1-5

Valid cases: 184  
 Invalid: 416

**Description**

scores for women within households on ability to use a sanitation facility alone away from home between men and women in a household

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_heal\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-2

Valid cases: 212  
 Invalid: 388

**Description**

Score for men on perception of disease (SanQol index) within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_disg\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-2

Valid cases: 213  
 Invalid: 387

**Description**

Score for men on feeling disgusted when using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_safe\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-2

Valid cases: 214  
 Invalid: 386

**Description**

Score for men on feeling unsafe while using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_priv\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-2

Valid cases: 214  
Invalid: 386

**Description**

Score for men on worrying about being seen while using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_sham\_males\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-2

Valid cases: 214  
Invalid: 386

**Description**

Score for men on feeling ashamed about using the toilet within households

**Universe**

N.a



**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_heal\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 0-2

Valid cases: 181

Invalid: 419

**Description**

Score for women on within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_disg\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 0-2

Valid cases: 182

Invalid: 418

**Description**

Score for women on feeling disgusted when using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_safe\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 0-2

Valid cases: 181

Invalid: 419

**Description**

Score for women on feeling unsafe while using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_priv\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 0-2

Valid cases: 182

Invalid: 418

**Description**

Score for women on worrying about being seen while using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

(sq\_sham\_females\_intra)

File: Sql dataset\_wide

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: 0-2

Valid cases: 180  
 Invalid: 420

**Description**

Score for women on feeling ashamed about using the toilet within households

**Universe**

N.a

**Source of information**

N.a

**Pre question**

N.a

**Literal question**

N.a

**Post question**

N.a

**Interviewer instructions**

N.a

## Documentation

### Questionnaires

#### ken\_qnn\_r2.docx

---

Title	ken_qnn_r2.docx
Author(s)	African Population and Health Research Center and London School of Hygiene & Tropical Medicine
Date	12/06/2025
Country	KENYA
Language	ENGLISH
Contributor(s)	Sheillah Simiyu and Ian Ross
Publisher(s)	APHRC
Filename	ken_qnn_r2.docx

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#### ken\_qnn\_r1.docx

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Title	ken_qnn_r1.docx
Author(s)	African Population and Health Research Center and London School of Hygiene & Tropical Medicine
Date	12/06/2025
Country	KENYA
Language	ENGLISH
Contributor(s)	Sheillah Simiyu and Ian Ross
Publisher(s)	APHRC
Filename	ken_qnn_r1.docx

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### Other materials

#### SAN-QOL Protocol.pdf

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Title	SAN-QOL Protocol.pdf
Author(s)	African Population and Health Research Center and London School of Hygiene & Tropical Medicine
Date	12/06/2015
Country	KENYA
Language	ENGLISH
Contributor(s)	Sheillah Simiyu and Ian Ross
Publisher(s)	APHRC
Filename	SAN-QOL Protocol.pdf

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