**South Africa**

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# Emergent Properties

# Study Documentation

August 2, 2019

# Metadata Production

| Metadata Producer(s) | Africa Health Research Institute (AHRI) |
|---|---|
| Identification | DDI.AHRI.Emergent.Properties |

# Table of Contents

# Emergent Properties

## Overview

| Identification | AHRI.Emergent.Properties.v1 |
|---|---|
| Version | V1.0.0 |

**Abstract**
This survey was conducted to examine the association between hope, happiness, life satisfaction and risk behaviours in a sample of adolescents resident in the AHRI Demographic Surveillance Area (DSA). The survey includes age, gender, and a range of questions related to hope, happiness and life satisfaction. It also includes questions on whether respondents had ever used alcohol, dagga (cannabis), tik (methamphetamine), buttons (Mandrax), whoonga (heroin), ecstasy, or other drugs.
This survey was preceded and informed by a qualitative study involving key informant interviews and focus group discussions with adolescents regarding their conceptions of hope, happiness and life satisfaction. The Snyder Hope Scale was used as an exploratory starting point, but from the qualitative data it emerged that the Snyder Scale did not fully capture respondents' conceptualization of hope. We developed a new hope scale derived from the qualitative data. This included eight questions related to hope. The items aimed to address the issues raised in the qualitative work relating to hope and risk behaviour and included risk related to individuals not considering the future, i.e. living in the moment; hope providing a way to cope with current adversity, preventing risk behaviour; and hope related to a future orientation and an associated sense of control. These were scored in interviews using a Likert Scale.
Data from this survey were linked to data from the DSA on household and individual socio-economic characteristics (HSE data), including an index constructed from household asset ownership and the highest school grade attained.

| Kind of Data | Survey Data |
|---|---|
| Unit of Analysis | Individual |

## Scope & Coverage

| Keywords | Emergent properties, Hope, Adolescent risk behavior, Socio-economic status |
|---|---|
| Time Period(s) | 2016-2017 |
| Countries | South Africa |

**Geographic Coverage**
The study was conducted at a site within the AHRI DSA. The DSA is located near the market town of Mtubatuba, 250 km north of Durban in UMkhanyakude, a sub-district of Hlabisa.

**Universe**
Eligibility was limited to a sub-region within the DSA. Adolescents aged 15-18 years were eligible for inclusion.

## Producers & Sponsors

| Primary Investigator(s) | Chris Desmond, UKZN<br>Janet Seeley, AHRI, LSHTM<br>Tony Barnett, LSHTM, University of Manchester |
|---|---|
| Other Producer(s) | Africa Health Research Institute (AHRI) |
| Other Acknowledgment(s) | AHRI Research Data Management Team , Research Data Management , AHRI<br>AHRI Data Collection Team , Data Collection , AHRI<br>AHRI Community Engagement Team , Community Engagement , AHRI |

## Sampling

**Sampling Procedure**

Participants meeting the age inclusion criteria were randomly selected from the DSA database.

## Data Collection

| Data Collection Dates | start 2016-01-01<br>end 2017-09-01 |
| --- | --- |

## Accessibility

**Access Conditions**

The representative of the Receiving Organization agrees to comply with the following conditions:

1. Access to the restricted data will be limited to the Lead Researcher and other members of the research team listed in this request.
2. Copies of the restricted data or any data created on the basis of the original data will not be copied or made available to anyone other than those mentioned in this Data Access Agreement, unless formally authorized by the Data Archive.
3. The data will only be processed for the stated statistical and research purpose. They will be used for solely for reporting of aggregated information, and not for investigation of specific individuals or organizations. Data will not in any way be used for any administrative, proprietary or law enforcement purposes.
4. The Lead Researcher must state if it is their intention to match the restricted microdata with any other micro-dataset. If any matching is to take place, details must be provided of the datasets to be matched and of the reasons for the matching. Any datasets created as a result of matching will be considered to be restricted and must comply with the terms of this Data Access Agreement.
5. The Lead Researcher undertakes that no attempt will be made to identify any individual person, family, business, enterprise or organization. If such a unique disclosure is made inadvertently, no use will be made of the identity of any person or establishment discovered and full details will be reported to the Data Archive. The identification will not be revealed to any other person not included in the Data Access Agreement.
6. The Lead Researcher will implement security measures to prevent unauthorized access to licensed microdata acquired from the Data Archive. The microdata must be destroyed upon the completion of this research, unless the Data Archive obtains satisfactory guarantee that the data can be secured and provides written authorization to the Receiving Organization to retain them. Destruction of the microdata will be confirmed in writing by the Lead Researcher to the Data Archive.
7. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from the Data Archive will cite the source of data in accordance with the citation requirement provided with the dataset.
8. An electronic copy of all reports and publications based on the requested data will be sent to the Data Archive.
9. The original collector of the data, the Data Archive, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses.
10. This agreement will come into force on the date that approval is given for access to the restricted dataset and remain in force until the completion date of the project or an earlier date if the project is completed ahead of time.
11. If there are any changes to the project specification, security arrangements, personnel or organization detailed in this application form, it is the responsibility of the Lead Researcher to seek the agreement of the Data Archive to these changes. Where there is a change to the employer organization of the Lead Researcher this will involve a new application being made and termination of the original project.
12. Breaches of the agreement will be taken seriously and the Data Archive will take action against those responsible for the lapse if willful or accidental. Failure to comply with the directions of the Data Archive will be deemed to be a major breach of the agreement and may involve recourse to legal proceedings. The Data Archive will maintain and share with partner data archives a register of those individuals and organizations which are responsible for breaching the terms of the Data Access Agreement and will impose sanctions on release of future data to these parties.

**Citation Requirements**

https://doi.org/10.23664/AHRI.Emergent.Properties.v1

# Files Description

**Dataset contains 1 file(s)**

| Emergent Properties dataset for analysis | |
|---|---|
| **# Cases** | 503 |
| **# Variable(s)** | 66 |

# Variables List

**Dataset contains 66 variable(s)**

<table>
<tr><td colspan="8"><b>File Emergent Properties dataset for analysis</b></td></tr>
<tr><th>#</th><th>Name</th><th>Label</th><th>Type</th><th>Format</th><th>Valid</th><th>Invalid</th><th>Question</th></tr>
<tr><td>1</td><td>IIntId</td><td>The internal ID of the individual</td><td>continuous</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>2</td><td>ca_sex</td><td>Participant's Sex</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>3</td><td>dob</td><td>Date Of Birth</td><td>discrete</td><td>character-11</td><td>503</td><td>-</td><td>-</td></tr>
<tr><td>4</td><td>ca_age</td><td>Participant's Age</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>5</td><td>i_genera ..</td><td>I generally feel hopeful about my future</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>6</td><td>the_futu ..</td><td>The future will take care of itself.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>7</td><td>having_h ..</td><td>Having hope helps me cope with day-to-day challenges.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>8</td><td>i_have_s ..</td><td>I have set long-term goals for my life.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>9</td><td>i_believ ..</td><td>I believe that if I work hard today, I can achieve my long term goals</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>10</td><td>i_am_con ..</td><td>I am confident that I can get the things that I hope for.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>11</td><td>it_is_ea ..</td><td>It is easy for me to stick to my aims and accomplish my goals.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>12</td><td>i_am_con ..</td><td>I am confident that I could deal efficiently with unexpected events.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>13</td><td>a_young_ ..</td><td>Young people in general are in your community?</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>14</td><td>b_young_ ..</td><td>Young people like you are in your community?</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>15</td><td>c_young_ ..</td><td>Young people in general are in South Africa?</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>16</td><td>d_young_ ..</td><td>Young people like you are in South Africa?</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>17</td><td>e_you_ar ..</td><td>You are in your community?</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>18</td><td>in_gener ..</td><td>In general, I consider myself:</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>19</td><td>compared ..</td><td>Compared to most of my peers, I consider myself:</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>20</td><td>thinking ..</td><td>Thinking about the last month, how would you describe your happiness</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>21</td><td>in_most_ ..</td><td>In most ways my life is close to my ideal.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>22</td><td>the_cond ..</td><td>The conditions of my life are excellent.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
<tr><td>23</td><td>i_am_sat ..</td><td>I am satisfied with my life.</td><td>discrete</td><td>numeric-12.0</td><td>503</td><td>0</td><td>-</td></tr>
</table>

# File Emergent Properties dataset for analysis

| # | Name | Label | Type | Format | Valid | Invalid | Question |
|---|------|-------|------|--------|-------|---------|----------|
| 24 | so_far_i .. | So far I have gotten the important things I want in life. | discrete | numeric-12.0 | 503 | 0 | - |
| 25 | if_i_cou .. | If I could live my life over, I would change almost nothing. | discrete | numeric-12.0 | 503 | 0 | - |
| 26 | ever_use .. | Have you ever used Alcohol | discrete | numeric-12.0 | 503 | 0 | - |
| 27 | ever_use .. | Have you ever used Dagga (Zol) | discrete | numeric-12.0 | 503 | 0 | - |
| 28 | ever_use .. | Have you ever used Tik(Meth) | discrete | numeric-12.0 | 503 | 0 | - |
| 29 | ever_use .. | Have you ever used Buttons(Mandrax) | discrete | numeric-12.0 | 503 | 0 | - |
| 30 | ever_use .. | Have you ever used Whoonga(Heroin) | discrete | numeric-12.0 | 503 | 0 | - |
| 31 | ever_use .. | Have you ever used E(Ecstacy) | discrete | numeric-12.0 | 503 | 0 | - |
| 32 | ever_use .. | Have you ever used other drugs | discrete | numeric-12.0 | 503 | 0 | - |
| 33 | HighestS .. | Highest School Level | discrete | numeric-12.0 | 496 | 7 | - |
| 34 | DrinkWat .. | What is the most often used source of drinking water in the household | discrete | numeric-12.0 | 476 | 27 | - |
| 35 | ToiletType | What kind of toilet does the HH use | discrete | numeric-12.0 | 476 | 27 | - |
| 36 | IsElectr .. | Is this household connected to an electricity supply | discrete | numeric-12.0 | 476 | 27 | - |
| 37 | MainCook .. | What is the main fuel used for cooking | discrete | numeric-12.0 | 476 | 27 | - |
| 38 | BDN | Does the household have any of the following items in good working order | discrete | numeric-12.0 | 476 | 27 | - |
| 39 | BED | Doe HH have ... Bed | discrete | numeric-12.0 | 476 | 27 | - |
| 40 | BIC | Doe HH have ... Bicycle | discrete | numeric-12.0 | 476 | 27 | - |
| 41 | BLM | Doe HH have ... Blockmaker | discrete | numeric-12.0 | 476 | 27 | - |
| 42 | CAR | Doe HH have ... Car | discrete | numeric-12.0 | 476 | 27 | - |
| 43 | CBE | Doe HH have ... Car battery | discrete | numeric-12.0 | 476 | 27 | - |
| 44 | CTL | Doe HH have ... Cattle | discrete | numeric-12.0 | 476 | 27 | - |
| 45 | ECO | Doe HH have ... Electric cooker with oven | discrete | numeric-12.0 | 476 | 27 | - |
| 46 | EHP | Doe HH have ... Electric hotplate | discrete | numeric-12.0 | 476 | 27 | - |
| 47 | EKT | Doe HH have ... Electric kettle | discrete | numeric-12.0 | 476 | 27 | - |
| 48 | FRG | Doe HH have ... Fridge | discrete | numeric-12.0 | 476 | 27 | - |
| 49 | GCK | Doe HH have ... Gas cooker | discrete | numeric-12.0 | 476 | 27 | - |
| 50 | HSF | Doe HH have ... Hoe/Spade/ Fork | discrete | numeric-12.0 | 476 | 27 | - |

## File Emergent Properties dataset for analysis

| # | Name | Label | Type | Format | Valid | Invalid | Question |
|---|------|-------|------|--------|-------|---------|----------|
| 51 | KLT | Doe HH have ... Kombi/ Lorry/Tractor | discrete | numeric-12.0 | 476 | 27 | - |
| 52 | KTS | Doe HH have ... Kitchen sink | discrete | numeric-12.0 | 476 | 27 | - |
| 53 | MCS | Doe HH have ... Motorcycle | discrete | numeric-12.0 | 476 | 27 | - |
| 54 | OLS | Doe HH have ... Other livestock (i.e. not cattle) | discrete | numeric-12.0 | 476 | 27 | - |
| 55 | PMC | Doe HH have ... Primus cooker | discrete | numeric-12.0 | 476 | 27 | - |
| 56 | RAD | Doe HH have ... Radio | discrete | numeric-12.0 | 476 | 27 | - |
| 57 | SOF | Doe HH have ... Sofa | discrete | numeric-12.0 | 476 | 27 | - |
| 58 | SWM | Doe HH have ... Sewing machine | discrete | numeric-12.0 | 476 | 27 | - |
| 59 | TBC | Doe HH have ... Table & Chairs | discrete | numeric-12.0 | 476 | 27 | - |
| 60 | TLL | Doe HH have ... Telephone | discrete | numeric-12.0 | 476 | 27 | - |
| 61 | TMB | Doe HH have ... Cellphone | discrete | numeric-12.0 | 476 | 27 | - |
| 62 | TVS | Doe HH have ... TV | discrete | numeric-12.0 | 476 | 27 | - |
| 63 | VCR | Doe HH have ... Video | discrete | numeric-12.0 | 476 | 27 | - |
| 64 | WBR | Doe HH have ... Wheelbarrow | discrete | numeric-12.0 | 476 | 27 | - |
| 65 | AssetInd .. | Asset Index Quintile | discrete | numeric-8.0 | 476 | 27 | - |
| 66 | AssetIndex | Asset Index | continuous | numeric-9.0 | 473 | 30 | - |

# Variables Description

**Dataset contains 66 variable(s)**

# File : Emergent Properties dataset for analysis

## # IIntId: The internal ID of the individual

| Information | [Type= continuous] [Format=numeric] [Range= 48-206880] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] [Mean=90938.608 /-] [StdDev=42596.201 /-] |

## # ca_sex: Participant's Sex

| Information | [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Male | 261 | 51.9% |
| 2 | Female | 242 | 48.1% |

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

## # dob: Date Of Birth

| Information | [Type= discrete] [Format=character] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] |

## # ca_age: Participant's Age

| Information | [Type= discrete] [Format=numeric] [Range= 15-18] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

## # i_generally_feel_hopeful: I generally feel hopeful about my future

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 3 | 0.6% |
| 2 | Disagree | 3 | 0.6% |
| 3 | Neutral | 13 | 2.6% |
| 4 | Agree | 245 | 48.7% |
| 5 | Strongly Agree | 239 | 47.5% |

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*
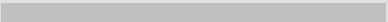
## # the_future_will_take_car: The future will take care of itself.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 237 | 47.1% |
| 2 | Disagree | 15 | 3.0% |
| 3 | Neutral | 59 | 11.7% |
| 4 | Agree | 121 | 24.1% |
| 5 | Strongly Agree | 71 | 14.1% |

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*
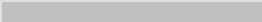
## # having_hope_helps_me_cop: Having hope helps me cope with day-to-day challenges.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 7 | 1.4% |

# File : Emergent Properties dataset for analysis

## # having_hope_helps_me_cop: Having hope helps me cope with day-to-day challenges.

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 2 | Disagree | 4 | 0.8% |
| 3 | Neutral | 8 | 1.6% |
| 4 | Agree | 286 | 56.9% |
| 5 | Strongly Agree | 198 | 39.4% |

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

## # i_have_set_long_term_goa: I have set long-term goals for my life.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 34 | 6.8% |
| 2 | Disagree | 5 | 1.0% |
| 3 | Neutral | 18 | 3.6% |
| 4 | Agree | 268 | 53.3% |
| 5 | Strongly Agree | 178 | 35.4% |

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

## # i_believe_that_if_i_work: I believe that if I work hard today, I can achieve my long term goals

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 6 | 1.2% |
| 2 | Disagree | 0 | |
| 3 | Neutral | 8 | 1.6% |
| 4 | Agree | 264 | 52.5% |
| 5 | Strongly Agree | 225 | 44.7% |

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

## # i_am_confident_that_i_ca: I am confident that I can get the things that I hope for.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 31 | 6.2% |
| 2 | Disagree | 2 | 0.4% |
| 3 | Neutral | 34 | 6.8% |
| 4 | Agree | 254 | 50.5% |
| 5 | Strongly Agree | 182 | 36.2% |

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

## # it_is_easy_for_me_to_sti: It is easy for me to stick to my aims and accomplish my goals.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 51 | 10.1% |
| 2 | Disagree | 1 | 0.2% |

# File : Emergent Properties dataset for analysis

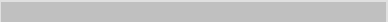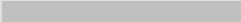## # it_is_easy_for_me_to_sti: It is easy for me to stick to my aims and accomplish my goals.

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 3 | Neutral | 34 | 6.8% |
| 4 | Agree | 248 | 49.3% |
| 5 | Strongly Agree | 169 | 33.6% |

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

## # i_am_confident_that_i_co: I am confident that I could deal efficiently with unexpected events.
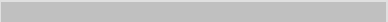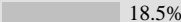
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Agree | 44 | 8.7% |
| 2 | Disagree | 1 | 0.2% |
| 3 | Neutral | 35 | 7.0% |
| 4 | Agree | 261 | 51.9% |
| 5 | Strongly Agree | 162 | 32.2% |

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

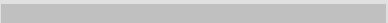## # a_young_people_in_general: Young people in general are in your community?
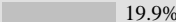
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Not Important | 14 | 2.8% |
| 2 | Slightly Important | 50 | 9.9% |
| 3 | Moderately Important | 42 | 8.3% |
| 4 | Very Important | 304 | 60.4% |
| 5 | Extremely Important | 93 | 18.5% |

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

## # b_young_people_like_you_ar: Young people like you are in your community?

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Not Important | 15 | 3.0% |
| 2 | Slightly Important | 33 | 6.6% |
| 3 | Moderately Important | 16 | 3.2% |
| 4 | Very Important | 339 | 67.4% |
| 5 | Extremely Important | 100 | 19.9% |

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

## # c_young_people_in_general: Young people in general are in South Africa?

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Not Important | 11 | 2.2% |
| 2 | Slightly Important | 21 | 4.2% |
| 3 | Moderately Important | 14 | 2.8% |

# File : Emergent Properties dataset for analysis
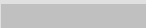
## # c_young_people_in_general: Young people in general are in South Africa?

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 4 | Very Important | 313 | 62.2% |
| 5 | Extremely Important | 144 | 28.6% |

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

## # d_young_people_like_you_ar: Young people like you are in South Africa?

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Not Important | 3 | 0.6% |
| 2 | Slightly Important | 11 | 2.2% |
| 3 | Moderately Important | 16 | 3.2% |
| 4 | Very Important | 337 | 67.0% |
| 5 | Extremely Important | 136 | 27.0% |

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

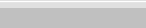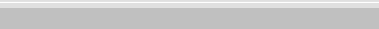## # e_you_are_in_your_communit: You are in your community?
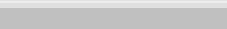
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Not Important | 17 | 3.4% |
| 2 | Slightly Important | 17 | 3.4% |
| 3 | Moderately Important | 32 | 6.4% |
| 4 | Very Important | 300 | 59.6% |
| 5 | Extremely Important | 137 | 27.2% |

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

## # in_general_i_consider_my: In general, I consider myself:
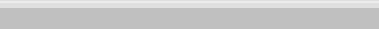
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Extremely unhappy | 6 | 1.2% |
| 2 | Unhappy | 12 | 2.4% |
| 3 | Neutral | 104 | 20.7% |
| 4 | Happy | 230 | 45.7% |
| 5 | Extremely Happy | 151 | 30.0% |

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

## # compared_to_most_of_my_p: Compared to most of my peers, I consider myself:

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Extremely unhappy | 8 | 1.6% |
| 2 | Unhappy | 18 | 3.6% |
| 3 | Neutral | 92 | 18.3% |
| 4 | Happy | 199 | 39.6% |

# File : Emergent Properties dataset for analysis
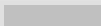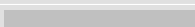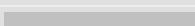
## # compared_to_most_of_my_p: Compared to most of my peers, I consider myself:

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 5 | Extremely Happy | 186 | 37.0% |

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

## # thinking_about_the_last: Thinking about the last month, how would you describe your happiness

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Extremely unhappy | 54 | 10.7% |
| 2 | Unhappy | 27 | 5.4% |
| 3 | Neutral | 209 | 41.6% |
| 4 | Happy | 104 | 20.7% |
| 5 | Extremely Happy | 109 | 21.7% |

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

## # in_most_ways_my_life_is: In most ways my life is close to my ideal.
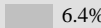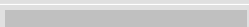
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Disgree | 45 | 8.9% |
| 2 | Disagree | 32 | 6.4% |
| 3 | Neither agree nor disagree | 56 | 11.1% |
| 4 | Agree | 227 | 45.1% |
| 5 | Strongly Agree | 143 | 28.4% |

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

## # the_conditions_of_my_lif: The conditions of my life are excellent.
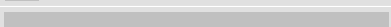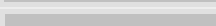
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Disgree | 32 | 6.4% |
| 2 | Disagree | 18 | 3.6% |
| 3 | Neither agree nor disagree | 31 | 6.2% |
| 4 | Agree | 259 | 51.5% |
| 5 | Strongly Agree | 163 | 32.4% |

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

## # i_am_satisfied_with_my_l: I am satisfied with my life.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Disgree | 36 | 7.2% |
| 2 | Disagree | 19 | 3.8% |
| 3 | Neither agree nor disagree | 24 | 4.8% |
| 4 | Agree | 273 | 54.3% |
| 5 | Strongly Agree | 151 | 30.0% |

# File : Emergent Properties dataset for analysis
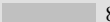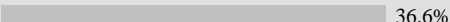
## # i_am_satisfied_with_my_l: I am satisfied with my life.

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

## # so_far_i_have_gotten_the: So far I have gotten the important things I want in life.
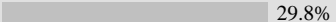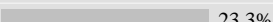
| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Disgree | 161 | 32.0% |
| 2 | Disagree | 28 | 5.6% |
| 3 | Neither agree nor disagree | 45 | 8.9% |
| 4 | Agree | 184 | 36.6% |
| 5 | Strongly Agree | 85 | 16.9% |

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

## # if_i_could_live_my_life: If I could live my life over, I would change almost nothing.

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Strongly Disgree | 150 | 29.8% |
| 2 | Disagree | 5 | 1.0% |
| 3 | Neither agree nor disagree | 14 | 2.8% |
| 4 | Agree | 217 | 43.1% |
| 5 | Strongly Agree | 117 | 23.3% |

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

## # ever_used_alcohol: Have you ever used Alcohol

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 361 | 71.8% |
| 1 | Yes | 142 | 28.2% |

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

## # ever_used_dagga: Have you ever used Dagga (Zol)

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 501 | 99.6% |
| 1 | Yes | 2 | 0.4% |

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

## # ever_used_tik: Have you ever used Tik(Meth)

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 502 | 99.8% |
| 1 | Yes | 1 | 0.2% |

# File : Emergent Properties dataset for analysis

## # ever_used_tik: Have you ever used Tik(Meth)

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

## # ever_used_buttons: Have you ever used Buttons(Mandrax)

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 503 | | 100.0% |
| 1 | Yes | 0 | | |

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

## # ever_used_whoonga: Have you ever used Whoonga(Heroin)

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 502 | | 99.8% |
| 1 | Yes | 1 | 0.2% | |

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

## # ever_used_ecstacy: Have you ever used E(Ecstacy)

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 503 | | 100.0% |
| 1 | Yes | 0 | | |

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

## # ever_used_other_drugs: Have you ever used other drugs

| Information | [Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=503 /-] [Invalid=0 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 503 | | 100.0% |
| 1 | Yes | 0 | | |

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

## # HighestSchoolLevel: Highest School Level

| Information | [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=496 /-] [Invalid=7 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 1 | Never went to school | 0 | | |
| 2 | None | 0 | | |
| 3 | Less than one year | 0 | | |
| 4 | Grade 1 or Sub A/Class1 | 0 | | |
| 5 | Grade 2 or Sub B/Class2 | 1 | 0.2% | |
| 6 | Grade 3 / Standard 1 | 0 | | |
| 7 | Grade 4 / Standard 2 | 3 | 0.6% | |
| 8 | Grade 5 / Standard 3 | 10 | 2.0% | |

# File : Emergent Properties dataset for analysis

## # HighestSchoolLevel: Highest School Level

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 9 | Grade 6 / Standard 4 | 42 | 8.5% |
| 10 | Grade 7 / Standard 5 | 77 | 15.5% |
| 11 | Grade 8 / Standard 6 | 108 | 21.8% |
| 12 | Grade 9 / Standard 7 | 129 | 26.0% |
| 13 | Grade 10 / Standard 8 | 87 | 17.5% |
| 14 | Grade 11 / Standard 9 | 32 | 6.5% |
| 15 | Grade 12 / Standard 10 | 7 | 1.4% |
| 16 | Certificate (NTC) | 0 | |
| 17 | Diploma | 0 | |
| 18 | Bachelor's Degree (University) | 0 | |
| 19 | Bachelor's Degree with Diploma | 0 | |
| 20 | Hons/Masters Degree or higher | 0 | |
| 92 | Deprecated | 0 | |
| 93 | Refused | 0 | |
| 94 | Query | 0 | |
| 95 | Default | 0 | |
| 96 | Other | 0 | |
| 97 | Not Applicable | 0 | |
| 98 | Don't know | 0 | |
| 99 | Missing | 0 | |
| Sysmiss | | 7 | |

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

## # DrinkWaterSource1: What is the most often used source of drinking water in the household

| Information | [Type= discrete] [Format=numeric] [Range= 1-255] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Piped-Internal | 10 | 2.1% |
| 2 | Dam/stagnant water | 15 | 3.2% |
| 3 | Piped-yard tap | 0 | |
| 4 | Well/non-borehole | 13 | 2.7% |
| 5 | Piped-public tap/kiosk(paid) | 18 | 3.8% |
| 6 | Protected spring | 1 | 0.2% |
| 7 | Piped-public tap/kiosk(free) | 152 | 31.9% |
| 8 | Water carrier or tanker | 57 | 12.0% |
| 9 | Borehole | 121 | 25.4% |
| 10 | _other | 67 | 14.1% |
| 11 | Rainwater | 8 | 1.7% |
| 12 | _refused | 0 | |
| 13 | Flowing river/stream | 14 | 2.9% |
| 14 | _don't know | 0 | |
| 93 | _none | 0 | |
| 94 | _query | 0 | |
| 95 | _missing | 0 | |

# File : Emergent Properties dataset for analysis

## # DrinkWaterSource1: What is the most often used source of drinking water in the household

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 96 | _non applicable | 0 | |
| 255 | _default | 0 | |
| Sysmiss | | 27 | |

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

## # ToiletType: What kind of toilet does the HH use

| Information | [Type= discrete] [Format=numeric] [Range= 1-255] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Flush toilet | 5 | 1.1% |
| 2 | _other | 35 | 7.4% |
| 3 | Ventilation Improved Pit | 124 | 26.1% |
| 4 | _refused | 1 | 0.2% |
| 5 | Other pit latrine | 287 | 60.3% |
| 6 | _don't know | 2 | 0.4% |
| 7 | Bucket toilet | 8 | 1.7% |
| 8 | _none | 14 | 2.9% |
| 9 | Chemical toilet | 0 | |
| 94 | _query | 0 | |
| 95 | _missing | 0 | |
| 96 | _non applicable | 0 | |
| 255 | _default | 0 | |
| Sysmiss | | 27 | |

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

## # IsElectrified: Is this household connected to an electricity supply

| Information | [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Yes | 456 | 95.8% |
| 2 | No | 20 | 4.2% |
| 90 | SpecialQuery | 0 | |
| 92 | Deprecated | 0 | |
| 93 | Refused | 0 | |
| 94 | Query | 0 | |
| 95 | Default | 0 | |
| 96 | Other | 0 | |
| 97 | Not Applicable | 0 | |
| 98 | Don't know | 0 | |
| 99 | Missing | 0 | |
| Sysmiss | | 27 | |

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

## # MainCookingFuel: What is the main fuel used for cooking

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

# File : Emergent Properties dataset for analysis

## # MainCookingFuel: What is the main fuel used for cooking

| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |
|---|---|

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Coal | 0 | |
| 2 | Electricity from generator | 0 | |
| 3 | Electricity from grid | 388 | 81.5% |
| 4 | Electricity from Solar energy | 4 | 0.8% |
| 5 | Gas(LPG) | 7 | 1.5% |
| 6 | Paraffin | 0 | |
| 7 | Wood | 77 | 16.2% |
| 93 | Refused | 0 | |
| 96 | Other | 0 | |
| 98 | Don't know | 0 | |
| 99 | Missing | 0 | |
| Sysmiss | | 27 | |

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

## # BDN: Does the household have any of the following items in good working order

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 471 | 98.9% |
| 1 | Yes | 5 | 1.1% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # BED: Doe HH have ... Bed

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 10 | 2.1% |
| 1 | Yes | 466 | 97.9% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # BIC: Doe HH have ... Bicycle

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 459 | 96.4% |
| 1 | Yes | 17 | 3.6% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# File : Emergent Properties dataset for analysis

## # BLM: Doe HH have ... Blockmaker

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 429 | | 90.1% |
| 1 | Yes | 47 | | 9.9% |
| 9 | Unknown | 0 | | |
| Sysmiss | | 27 | | |

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

## # CAR: Doe HH have ... Car

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 358 | | 75.2% |
| 1 | Yes | 118 | | 24.8% |
| 9 | Unknown | 0 | | |
| Sysmiss | | 27 | | |

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

## # CBE: Doe HH have ... Car battery

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 466 | | 97.9% |
| 1 | Yes | 10 | | 2.1% |
| 9 | Unknown | 0 | | |
| Sysmiss | | 27 | | |

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

## # CTL: Doe HH have ... Cattle

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 375 | | 78.8% |
| 1 | Yes | 101 | | 21.2% |
| 9 | Unknown | 0 | | |
| Sysmiss | | 27 | | |

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

## # ECO: Doe HH have ... Electric cooker with oven

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage | |
|---|---|---|---|---|
| 0 | No | 298 | | 62.6% |
| 1 | Yes | 178 | | 37.4% |

# File : Emergent Properties dataset for analysis

## # ECO: Doe HH have ... Electric cooker with oven

| Value | Label | Cases | Percentage |
|-------|-------|-------|------------|
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # EHP: Doe HH have ... Electric hotplate

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|-------------|-------------------------------------------------------------|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|-------|-------|-------|------------|
| 0 | No | 127 | 26.7% |
| 1 | Yes | 349 | 73.3% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # EKT: Doe HH have ... Electric kettle

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|-------------|-------------------------------------------------------------|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|-------|-------|-------|------------|
| 0 | No | 121 | 25.4% |
| 1 | Yes | 355 | 74.6% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # FRG: Doe HH have ... Fridge

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|-------------|-------------------------------------------------------------|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|-------|-------|-------|------------|
| 0 | No | 51 | 10.7% |
| 1 | Yes | 425 | 89.3% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # GCK: Doe HH have ... Gas cooker

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|-------------|-------------------------------------------------------------|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|-------|-------|-------|------------|
| 0 | No | 316 | 66.4% |
| 1 | Yes | 160 | 33.6% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# File : Emergent Properties dataset for analysis

## # HSF: Doe HH have ... Hoe/Spade/Fork

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| **Statistics [NW/ W]** | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 49 | 10.3% |
| 1 | Yes | 427 | 89.7% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # KLT: Doe HH have ... Kombi/Lorry/Tractor

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 467 | 98.1% |
| 1 | Yes | 9 | 1.9% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # KTS: Doe HH have ... Kitchen sink

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 441 | 92.6% |
| 1 | Yes | 35 | 7.4% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # MCS: Doe HH have ... Motorcycle

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 471 | 98.9% |
| 1 | Yes | 5 | 1.1% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # OLS: Doe HH have ... Other livestock (i.e. not cattle)

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 147 | 30.9% |
| 1 | Yes | 329 | 69.1% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # PMC: Doe HH have ... Primus cooker

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 448 | 94.1% |
| 1 | Yes | 28 | 5.9% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

# # PMC: Doe HH have ... Primus cooker

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

# # RAD: Doe HH have ... Radio

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 98 | 20.6% |
| 1 | Yes | 378 | 79.4% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # SOF: Doe HH have ... Sofa

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 113 | 23.7% |
| 1 | Yes | 363 | 76.3% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # SWM: Doe HH have ... Sewing machine

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 459 | 96.4% |
| 1 | Yes | 17 | 3.6% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # TBC: Doe HH have ... Table & Chairs

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 242 | 50.8% |
| 1 | Yes | 234 | 49.2% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

# # TLL: Doe HH have ... Telephone

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 471 | 98.9% |
| 1 | Yes | 5 | 1.1% |

## # TLL: Doe HH have ... Telephone

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # TMB: Doe HH have ... Cellphone

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 8 | 1.7% |
| 1 | Yes | 468 | 98.3% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # TVS: Doe HH have ... TV

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 43 | 9.0% |
| 1 | Yes | 433 | 91.0% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # VCR: Doe HH have ... Video

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 151 | 31.7% |
| 1 | Yes | 325 | 68.3% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # WBR: Doe HH have ... Wheelbarrow

| Information | [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 0 | No | 83 | 17.4% |
| 1 | Yes | 393 | 82.6% |
| 9 | Unknown | 0 | |
| Sysmiss | | 27 | |

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

## # AssetIndexQuintile: Asset Index Quintile

| Information | [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*] |
|---|---|
| Statistics [NW/ W] | [Valid=476 /-] [Invalid=27 /-] |

## # AssetIndexQuintile: Asset Index Quintile

| Value | Label | Cases | Percentage |
|---|---|---|---|
| 1 | Poorest | 74 | 15.5% |
| 2 | Poor | 88 | 18.5% |
| 3 | Medium | 101 | 21.2% |
| 4 | Rich | 111 | 23.3% |
| 5 | Richest | 102 | 21.4% |
| Sysmiss | | 27 | |

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

## # AssetIndex: Asset Index

| **Information** | [Type= continuous] [Format=numeric] [Range= -5.43240118026733-5.473557472229] [Missing=*] |
|---|---|
| **Statistics [NW/ W]** | [Valid=473 /-] [Invalid=30 /-] [Mean=0.139 /-] [StdDev=1.923 /-] |