# Ghana - Microenterprise Growth and the Flypaper Effect, Randomized Experiment 2008-2010 

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## Sampling

## Sampling Procedure

First, enumeration areas (EAs) were selected with probability proportional to the number of households in these EAs according to the 2000 census. The research team randomly selected 70 EAs in Accra and 30 in Tema. Then, to reduce the costs of listing, the team subdivided EAs into equal areas, such that each area would contain approximately 70 to 80 households. This typically required dividing an EA into half or thirds. One of these areas was then randomly selected from each EA. Enumerators went door to door in this area to carry out a screening survey of each household. Households were screened to identify those with an individual aged 20 to 55 who was self-employed and working 30 or more hours per week in a business with no paid employees and no motorized vehicle. These criteria were used to select full-time microenterprise owners who were not so large that the grants in our experiment would have little effect.

This resulted in screening 7,567 households to identify 3,907 individuals who passed the screen. Only 19.4 percent of these individuals were male, showing the predominance of women among small enterprise owners in urban Ghana. Based on the gender mix of self-employed in these industries in the 2000 Census, researchers classified business sectors into male-dominated industries, identified as construction, repair services, manufacturing, and shoe making and repair; female-dominated industries, identified as hair and beauty care, and food and restaurant sales; and mixed industries, identified as trade and retail, and sewing and tailoring.

The aim was then to arrive at a sample of roughly 900 baseline firms stratified by gender and sector. In order to minimize the spillover from the treatments to be carried out, the team limited the sample from each EA to no more than 5 males in male-dominated and 5 males in mixed industries, and no more than 3 females in female-dominated and 3 females in mixed industries. Only one individual was chosen from any given household. This resulted in an initial sample of 907 firms, consisting of 538 females and 369 males. A baseline survey of these firms was conducted in October and November 2008.

## Questionnaires

## Overview

Six questionnaires, one for each round

## Data Collection

Data Collection Dates

| Start | End | Cycle |
| :--- | :--- | :--- |
| 2008 | 2010 | N/A |

## Data Collection Mode

Computer Assisted Personal Interview [capi]

## DATA COLLECTION NOTES

Firms which completed the first two survey rounds were randomly allocated into three groups: a control group of 396 firms, a treatment group of 198 firms which would receive 150 Ghanaian cedis (approximately US $\$ 120$ at the time of the baseline) in cash which they could use for any purpose, and a treatment group of 198 firms which would receive 150 cedis in equipment, materials, or inventories for their business. In the case of the in-kind treatment, the equipment or materials were selected by the firm owner and purchased directly by our research assistants with the owner. Recipients of in-kind grants were free to purchase any item suitable for their business and were not given any advice about what to purchase.

Researchers randomly selected when firms would receive their grant, staggering the timing of the grants, so that 198 firms were assigned to receive the grants after the second round, a further 181 firms assigned to receive the grants after the third round, and 18 firms were assigned to receive the grants after the fourth round.

## Data Processing

No content available

## Data Appraisal

No content available

File Description

## Variable List

## GhanaBaselineMultiple_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 1", section "Household Roster and <br> Expenditure" |
| :--- | :--- |
| Cases | 907 |
| Variable(s) | 20 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1 | SHENO | SHENO | discrete | character |  |
| V2 | questionnumber | Question Number | discrete | character |  |
| V3 | instance | Instance | discrete | character |  |
| V4 | questionheading | Question heading | discrete | character |  |
| V5 | answer | Answer | discrete | character |  |
| V6 | roster_1 | Gender (1=female, $2=$ male) | discrete | character | Sex: |
| V7 | roster_2 | Relationship to household | discrete | character | Relationship to household head: |
| V8 | roster_3 | Age | contin | numeric | Age |
| V9 | roster_4 | Years of education completed | contin | numeric | How many years of education has this person completed? |
| V10 | roster_5 | Marital status | discrete | character | Marital status: (roster_5) |
| V11 | roster_6 | Activities involved at present | discrete | character | What activities is this person involved in at present? (roster_6) (ticklist) |
| V12 | roster_7 | Hours worked in a normal week | contin | numeric | If employed, how many hours does/did this person work in a normal week? (roster_7) |
| V13 | roster_8 | Earnings in a normal month if employed | contin | numeric | If employed, how much does this person earn in a normal month (GHC)? (roster_8) |
| V14 | roster_9 | Assists in respondent's business ( $1=$ Yes, $2=$ No) | discrete | character | Does this person assist in the respondent's business? (roster_9) |
| V15 | roster_10 | Hours worked in respondent's business last week | contin | numeric | Hours worked in the respondent's business last week: (roster_10) |
| V16 | roster_11 | Receiving pay by respondent's business | discrete | character | How is this person paid by the respondent's business? (roster_11) |
| V17 | roster_12 | Apprentice in respondent's business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Is this person an apprentice in the respondent's business? (roster_12) |
| V18 | business_description | Nature of business | discrete | character | What is the nature of this business? |
| V19 | child_gender | Gender of child | discrete | character | What is this child's gender? |
| V20 | child_age | Age of child | discrete | character | What is this child's age? |

## GhanaBaselineSingle_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 1" |
| :--- | :--- |
| Cases | 907 |
| Variable(s) | 400 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V21 | SHENO | Firm identification number | discrete | character |  |
| V22 | questionnaire_starttime | Start time of interview | discrete | character |  |
| V23 | questionnaire_date | Date of interview | discrete | character |  |
| V24 | introduction_1a | Interviewer was able to find the owner ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Were you able to find the respondent? (introduction_1a) |
| V25 | introduction_1c | Reason why interviewer was unable to find resp. | discrete | character | Why were you unable to find the respondent? (introduction_1c) |
| V26 | introduction_1d | Resp. agreed to be interviewed (1=Yes, 2=No) | discrete | character | Did the respondent agree to be interviewed? (introduction_1d) |
| V27 | introduction_1e | Interviewer is sure that resp. does NOT agree to be interviewed ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Are you SURE that the respondent does NOT agree to be interviewed? If so, this will END the interview. (introduction_1e) |
| V28 | introduction_5 | Gender (1=female, $2=$ male) | discrete | character | Gender of respondent: (introduction_5) |
| V29 | introduction_8 | Home address same as business address ( $1=y e s, 2=n o$ ) | discrete | character | Is the home address the same as the business address? (introduction_8) |
| V30 | introduction_11 | Time it takes to walk from home to business | discrete | character | How long does it take to walk from your home to your business? (introduction_11) |
| V31 | introduction_13 | Survey language | discrete | character | Language in which this survey is conducted. (introduction_13) |
| V32 | stopwatch_personalbusiness |  | discrete | character |  |
| V33 | personal_1 | Place of interview (1=At home, 2=At the business, $3=\ln$ both places) | discrete | character | Where is the interview taking place? (personal_1) |
| V34 | personal_2 | Number of businesses owned by resp. | discrete | character | How many businesses do you own? (personal_2) |
| V35 | personal_3 | Verification: resp. does not own any business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | If " 0 "... Is it correct that the respondent does not own any business? (personal_3) |
| V36 | business_1a | Nature of business | discrete | character | What is the nature of your business? (business_1a) |
| V37 | business_1b | Business sector | discrete | character | Sector: (business_1b, then business_1c) |
| V38 | business_1c | Business sector subcategory | discrete | character | Sector: (business_1b, then business_1c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V39 | business_2 | Respondent's multiple businesses located at the same place | discrete | character | Are your multiple businesses located at the same place? (business_2) |
| V40 | business_3 | Business ownership | discrete | character | Who owns this business? (business_3) |
| V41 | business_4 | Verification: resp.does not own the business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Is it correct that the respondent does not own the business? If this is correct, this will END the interview. (business_4) |
| V42 | business_5a | Person spending most time working in the business | discrete | character | Who spends most time working in the business? (business_5a) |
| V43 | business_5b | Person dealing most with customers in the business | discrete | character | Who is the person who deals most with customers in the business? (business_5b) |
| V44 | business_5c | Person in charge of proceeds of the business | discrete | character | Who is in charge of the proceeds of the business? (business_5c) |
| V45 | business_6a | Days spent working in the business - LAST week | discrete | character | How many hours a week do you personally spend working in the business? Days worked |
| V46 | business_6b | Hours spent working in the business per day - LAST week | discrete | character | How many hours a week do you personally spend working in the business? Hours per day |
| V47 | business_6c | Total hours spent working in the business - LAST week | discrete | character | How many hours a week do you personally spend working in the business? Total hours (Number of days * Hours per day) |
| V48 | business_7a | Days spent working in the business - NORMAL week | discrete | character | How many hours a week do you personally spend working in the business? IN A NORMAL WEEK: Days per week |
| V49 | business_7b | Hours spent working in the business per day - NORMAL week | discrete | character | How many hours a week do you personally spend working in the business? IN A NORMAL WEEK: Hours per day |
| V50 | business_7c | Total hours spent working in the business - NORMAL week | discrete | character | How many hours a week do you personally spend working in the business? IN A NORMAL WEEK: Total hours (Number of days * Hours per day) |
| V51 | business_8a | Days spent working full effort in the business - FULL EFFORT LAST WEEK | discrete | character | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Days worked |
| V52 | business_8b | Hours of full effort per day FULL EFFORT LAST WEEK | discrete | character | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Hours of full effort per day |
| V53 | business_8c | Total hours of full effort - FULL EFFORT LAST WEEK | discrete | character | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Total hours (Number of days <br> * Hours per day) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V54 | business_9 | Does anyone apart from respondent work in the business ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (business_9) |
| V55 | business_10a | Number of apprentices working in the business | discrete | character | How many apprentices work in the business? (business_10a) |
| V56 | business_10b | Number of family members working in the business without a regular wage | discrete | character | How many family members work in the business without a regular wage? (business_10b) |
| V57 | business_10c | Number of paid employees working in the business | discrete | character | How many paid employees work in the business? (business_10c) |
| V58 | business_11 | Number of days business was not operating in September 2008 | discrete | character | For how many days was your business NOT operating in September 2008? (Do not count days that your business is always closed; for example, on Fridays or Sundays.) (business_11) |
| V59 | business_12a | Number of days business was closed because respondent was ill | discrete | character | For how many days was the business closed because you were ill? (business_12a) |
| V60 | business_12b | Number of days business was closed because someone else was ill | discrete | character | For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b) |
| V61 | business_12c | Number of days business was closed because of other family or community events | discrete | character | For how many days was the business closed because of other family or community events (for example, a funeral or festival)? (business_12c) |
| V62 | business_13a | Place of operation of business | discrete | character | Does your business operate in a permanent place, or is it mobile? (business_13a) |
| V63 | business_13b | Description of fixed location | discrete | character | Which best describes that fixed location? (business_13b) |
| V64 | business_13c | Description of mobile business ( $1=$ moves from place to place, 2=hawker-type) | discrete | character | What best describes that mobile business? (business_13c) |
| V65 | business_14 | Age of respondent | discrete | character | What is your age? (business_14) |
| V66 | personal_4 | Marital status | discrete | character | Marital status: (personal_4) |
| V67 | children_1 | Respondent has children | discrete | character | Do you have children? (children_1) |
| V68 | Howmanyofyourchildrenareboys | Number of male children | discrete | character | How many of your children are boys? <br> (Howmanyofyourchildrenareboys) |
| V69 | Howmanyofyourchildrenaregirls | Number of female children | discrete | character | How many of your children are girls? (Howmanyofyourchildrenaregirls) |
| V70 | children_2 | Person looking after children when resp. is working | discrete | character | Who looks after them when you are working and they are not in school? (If more than one is true, choose the most important.) (children_2) |
| V71 | children_3 | Planning to have more/any children | discrete | character | Are you planning to have more/any children? (The question is adapted to the earlier response.) (children_3) |
| V72 | personal_5 | Ethnic group(s) repondent belongs to | discrete | character | To which ethnic group (or groups) do you belong? (Multiple answers allowed.) (personal_5) |
| V73 | personal_6 | Religious groups respondent belongs to | discrete | character | To which religious group do you belong? (personal_6) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V74 | personal_7 | Main language spoken at home | discrete | character | What is the main language you speak at home? (personal_7) |
| V75 | personal_8 | Highest level of education attended | discrete | character | What is the highest level of education that you have attended? What is the highest level of education that you have attended within [the previous category]? (personal_8, then personal_9a) |
| V76 | personal_9a | Within highest level of education attended, specific subgroup | discrete | character | What is the highest level of education that you have attended? What is the highest level of education that you have attended within [the previous category]? (personal_8, then personal_9a) |
| V77 | personal_9b | Completed years of education | discrete | character | How many years of education have you completed? (personal_9b) |
| V78 | personal_10a | Reason for self-employment: Family member had worked in same industry | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because a family member had worked in the same industry. (personal_10a) |
| V79 | personal_10b | Reason for self-employment: Friends had worked in same industry | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because friends had worked in the same industry. (personal_10b) |
| V80 | personal_10c | Reason for self-employment: Low capital requirements | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because of low capital requirements. (personal_10c) |
| V81 | personal_10d | Reason for self-employment: Previous experience as wage worker in this industry | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because of previous experience as a wage worker in this industry. (personal_10d) |
| V82 | personal_10e | Reason for self-employment: Previous experience as apprentice in this industry | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because of previous experience as an apprentice in this industry. (personal_10e) |
| V83 | personal_10f | Reason for self-employment: Need to balance family obligations and work | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because of the need to balance family obligations and work. (personal_10f) |
| V84 | personal_10g | Reason for self-employment: High earnings in this industry | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because of high earnings in this industry. (personal_10g) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V85 | personal_10h | Reason for self-employment: Provides a steady, reliable income | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because it provides a steady, reliable income. (personal_10h) |
| V86 | personal_10i | Reason for self-employment: <br> Fewer government inspections | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because of fewer government inspections. (personal_10i) |
| V87 | personal_10j | Reason for self-employment: Industry is socially acceptable for a male/female | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Because it is socially acceptable for a [male/female] to work in this industry. (personal_10j) |
| V88 | personal_10k | Any other reason for self-employment | discrete | character | We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment. Any other reason: (personal_10k) |
| V89 | Business_19 | Single most important reason for working in this industry | discrete | character | Which of these was the single most important reason you decided to work in this industry? (Business_19) |
| V90 | stopwatch_balancesheet |  | discrete | character |  |
| V91 | balance_1a | Person who started the business | discrete | character | Who started this business? (balance_1a) |
| V92 | balance_1b | How did respondent come to own the business? | discrete | character | How did you come to own the business? (balance_1b) |
| V93 | balance_1c | Year in which business began operations | discrete | character | In which year did this business begin operations? (balance_1c) |
| V94 | balance_1d | Month of \{year\} in which business began operations, if started after 2007 | discrete | character | If started after 2007: In which month of \{year\} did the business begin operations? (balance_1d) |
| V95 | balance_2a | Resp. did own land or market space used by business before starting operations | discrete | character | Before you started, did you own the land or market space used by the business? (balance_2a) |
| V96 | balance_2c | Total value of land and market space purchased | discrete | character | What was the total value of the land and market space that you purchased? (balance_2c) |
| V97 | balance_2d | Currency of value of land and market space purchased | discrete | character | Currency of answer: (balance_2d) |
| V98 | balance_2e | Resale value of land and market space today | discrete | character | How much would you pay for the same land and market space today? (balance_2e1) |
| V99 | balance_2f | Rent paid up-front when starting the business | discrete | character | How much rent did you pay up-front when you started? (balance_2f) |
| V100 | balance_2g | Currency of rent paid up-front when starting the business | discrete | character | Currency of answer: (balance_2g) |
| V101 | balance_2h | Period covered by rent paid up-front when starting the business | discrete | character | What period did this cover? (balance_2h) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V102 | balance_3a | Resp. had any machines, equipment or furniture when starting the business | discrete | character | When you started, did you have any machines, equipment or furniture (including vehicles)? (balance_3a) |
| V103 | balance_3b | Total value of machines, equipment and furniture when starting the business | discrete | character | If yes, enter the total value. (balance_3b) |
| V104 | balance_3d | Resale value (today) balance_3b | discrete | character | How much would you pay for the same machines, equipment and furniture (including vehicles) today? (balance_3d) |
| V105 | balance_3e | Currency of balance_3d | discrete | character | Currency of answer: (balance_3e) |
| V106 | balance_4a | Resp. had any kiosk/shed/building when starting the business ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | When you started, did you have any kiosk/shed/building? (balance_4a) |
| V107 | balance_4b | Total value of kiosk/shed/building when starting the business | discrete | character | If yes, enter the total value. (balance_4b) |
| V108 | balance_4c | Currency of total value of kiosk/shed/building when starting the business | discrete | character | Currency of answer: (balance_4c) |
| V109 | balance_4d | Resale value (today) of kiosk/shed/building when starting the business | discrete | character | How much would you pay for the same kiosk/shed/building (including vehicles) today? (balance_4d) |
| V110 | balance_5a | Value of money for inventories, raw materials, etc. when starting the business | discrete | character | How much money did you start with for inventories, raw materials, etc? (balance_5a) |
| V111 | balance_5b | Currency of balance_5a | discrete | character | How much money did you start with for inventories, raw materials, etc? (balance_5a) Currency of answer: (balance_5b) |
| V112 | balance_6a | Business had any other assets when starting ( $1=$ Yes, $2=$ No) | discrete | character | When you started, did you have any assets we have not discussed? (balance_6a) |
| V113 | balance_6b | Description of other assets | discrete | character | If yes, what is it? (balance_6b) |
| V114 | balance_6c | Total value of other assets | discrete | character | If yes, enter the total value. (balance_6c) |
| V115 | balance_6d | Currency of total value of other assets | discrete | character | Currency of answer: (balance_6d) |
| V116 | balance_6e | Resale value (today) of other assets | discrete | character | How much would you pay for the same other assets today? (balance_6e) |
| V117 | balance_6f | Currency of resale value (today) of other assets | discrete | character | Currency of answer: (balance_6f) |
| V118 | balance_7a | Currency of funds and assets (1=New Cedis, $2=$ Old Cedis) | discrete | character | Where were these funds and assets coming from? Currency of answers: (balance_7a) |
| V119 | balance_7b | Origin: Own funds | discrete | character | Where were these funds and assets coming from? Own funds: <br> (balance_7b) |
| V120 | balance_7c | Origin: Funds from spouse | discrete | character | Where were these funds and assets coming from? Funds from spouse: (balance_7c) |
| V121 | balance_7d | Origin: Inheritance of gift freom family | discrete | character | Where were these funds and assets coming from? Inheritance or gift from family: (balance_7d) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V122 | balance_7e | Origin: Remittances from abroad | discrete | character | Where were these funds and assets coming from? Remittance from abroad: (balance_7e) |
| V123 | balance_7f | Origin: Loan from family | discrete | character | Where were these funds and assets coming from? Loan from family: (balance_7f) |
| V124 | balance_7g | Origin: Loan from friends | discrete | character | Where were these funds and assets coming from? Loan from friends: (balance_7g) |
| V125 | balance_7h | Origin: Loan from bank | discrete | character | Where were these funds and assets coming from? Loan from a bank: (balance_7h) |
| V126 | balance_7i | Origin: Loan from microfinance organisation | discrete | character | Where were these funds and assets coming from? Loan from a microfinance organisation: (balance_7i) |
| V127 | balance_7j | Origin: Other | discrete | character | Where were these funds and assets coming from? Other: (balance_7j) |
| V128 | Finance_Scrolled |  | discrete | character |  |
| V129 | balance_7k | Description of other source that contributed | discrete | character | Where were these funds and assets coming from? What was the "other" source that contributed? (balance_7k) |
| V130 | balance_8a | Resp. owns the land or market space used by the business ( $1=$ yes, $2=$ no) | discrete | character | Do you currently own the land or market space used by the business? (balance_8a) |
| V131 | balance_8b | Year when land or market space was purchased | discrete | character | In what year did you purchase the land or market space? (balance_8b) |
| V132 | balance_8c | Resale value (today) of land and market space (GHc) | discrete | character | How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |
| V133 | balance_9a | Business has any kiosk/shed/building ( $1=y e s$, $2=n o$ ) | discrete | character | Does your business currently have any kiosk/shed/building? <br> (balance_9a) |
| V134 | balance_9b | Ownership of the kiosk/shed/building ( $1=0$ wned, 2=Rented, 3=Borrowed) | discrete | character | Ownership of the kiosk/shed/building: (balance_9b) |
| V135 | balance_9c | Replacement value of kiosk/shed/building (GHc) | discrete | character | If you had to replace your kiosk/shed/building, how much would a similar one cost (GHC)? (balance_9c) |
| V136 | balance_10a | Business has any furniture or display cases ( $1=$ Yes, $2=$ No) | discrete | character | Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a) |
| V137 | balance_10b | Number of different types of furniture or display cases | discrete | character | How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b) |
| V138 | balance_10c | Ownership of FIRST furniture or display cases ( $1=$ Owned, 2=Rented, 3=Borrowed) | discrete | character | FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c) |
| V139 | balance_10d | Replacement value of FIRST furniture or display cases (GHc) | discrete | character | FIRST FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHC)? (balance_10d) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V140 | balance_10e | Ownership of SECOND furniture or display cases ( $1=$ Owned, 2=Rented, $3=$ Borrowed) | discrete | character | SECOND FURNITURE or DISPLAY <br> CASES: Ownership (balance_10e) |
| V141 | balance_10f | Replacement value of SECOND furniture or display cases (GHc) | discrete | character | SECOND FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHc)? (balance_10f) |
| V142 | balance_10g | Ownership of THIRD furniture or display cases ( $1=$ Owned, 2=Rented, 3=Borrowed) | discrete | character | THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g) |
| V143 | balance_10h | Replacement value of THIRD furniture or display cases (GHC) | discrete | character | THIRD FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHC)? (balance_10h) |
| V144 | balance_10i | Ownership of FOURTH furniture or display cases ( $1=$ Owned, 2=Rented, 3=Borrowed) | discrete | character | FOURTH FURNITURE or DISPLAY <br> CASES: Ownership (balance_10i) |
| V145 | balance_10j | Replacement value of FOURTH furniture or display cases (GHC) | discrete | character | FOURTH FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHC)? (balance_10j) |
| V146 | balance_11a | Does business have any machines or equipment? $\text { ( } 1=\mathrm{Yes}, 2=\mathrm{No} \text { ) }$ | discrete | character | Does your business currently have any MACHINES or EQUIPMENT? (balance_11a) |
| V147 | balance_11b | Number of different types of machine/equipment | discrete | character | How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b) |
| V148 | balance_11c | Ownership of FIRST machine/equipment ( $1=$ Owned, 2=Rented, $3=$ Borrowed) | discrete | character | FIRST MACHINE/EQUIPMENT: Ownership (balance_11c) |
| V149 | balance_11d | Replacement value of FIRST machine/equipment (GHc) | discrete | character | FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHC)? (balance_11d) |
| V150 | balance_11e | Ownership of SECOND <br> machine/equipment ( $1=$ Owned, <br> 2=Rented, $3=$ Borrowed) | discrete | character | SECOND MACHINE/EQUIPMENT: <br> Ownership (balance_11e) |
| V151 | balance_11f | Replacement value of SECOND machine/equipment (GHc) | discrete | character | SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f) |
| V152 | balance_11g | Ownership of machine/equipment ( $1=$ Owned, 2=Rented, $3=$ Borrowed) | discrete | character | THIRD MACHINE/EQUIPMENT: Ownership (balance_11g) |
| V153 | balance_11h | Replacement value of THIRD machine/equipment (GHc) | discrete | character | THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHC)? (balance_11h) |
| V154 | balance_11i | Ownership of FOURTH machine/equipment ( $1=$ Owned, 2=Rented, 3=Borrowed) | discrete | character | FOURTH MACHINE/EQUIPMENT: <br> Ownership (balance_11i) |
| V155 | balance_11j | Replacement value of FOURTH machine/equipment (GHc) | discrete | character | FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHC)? (balance_11j) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V156 | balance_12a | Business currently has any other equipment, tools, and utensils | discrete | character | Does your business currently have any other equipment, tools and utensils (including vehicles)? (balance_12a) |
| V157 | balance_12b | Number of different types of other equipment, tools or utensils | discrete | character | How many different types of OTHER EQUIPMENT, TOOLS OR UTENSILS does your business have? [Allow up to 4] (balance_12b) |
| V158 | balance_12c | Ownership of FIRST other equipment, tools or utensils | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c) |
| V159 | balance_12d | Replacement cost of FIRST other equipment, tools or utensils (GHc) | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d) |
| V160 | balance_12e | Ownership of SECOND other equipment, tools or utensils | discrete | character | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e) |
| V161 | balance_12f | Replacement cost of SECOND other equipment, tools or utensils (GHc) | discrete | character | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHC)? (balance_12f) |
| V162 | balance_12g | Ownership of THIRD other equipment, tools or utensils | discrete | character | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g) |
| V163 | balance_12h | Replacement cost of THIRD other equipment, tools or utensils (GHC) | discrete | character | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h) |
| V164 | balance_12i | Ownership of FOURTH other equipment, tools or utensils | discrete | character | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i) |
| V165 | balance_12j | Replacement cost of FOURTH other equipment, tools or utensils (GHC) | discrete | character | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHC)? (balance_12j) |
| V166 | balance_13a | Automatic sum of assets, excluding land, buildings and market space | discrete | character | Automatic sum of assets, excluding land, buildings and market space. (balance_13a) |
| V167 | balance_13b | Verification: accuracy of balance_13a | discrete | character | The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b) |
| V168 | balance_13c | What has been missed or double-counted? | discrete | character | What have we missed or double-counted? (balance_13c) |
| V169 | balance_13d | Estimate:total replacement cost of assets(excl. land, buildings or market space) | discrete | character | What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d) |
| V170 | balance_14a | Bus. holds products for sale,raw materials, products in production or spare parts | discrete | character | Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a) |
| V171 | balance_14b | Total purchase cost of stocks and inventories (GHc) | discrete | character | What is the total purchase cost of these goods (GHC)? (balance_14b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V172 | balance_14c | Value of items on hand to sell (GHC) | discrete | character | You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value ( GHc )? (balance_14c) |
| V173 | balance_14d | Cash for business (Includes cash held at home, at the bank or with a susu) | discrete | character | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (balance_14d) |
| V174 | balance_15a | If respondent spent an extra GHc 150 on business, what would it be spent on? | discrete | character | If you spent an extra GHc 150 on your business, what would you spend it on? (balance_15a) |
| V175 | balance_15b | Category for this additional expenditure | discrete | character | If you spent an extra GHc 150 on your business, what would you spend it on? (balance_15a) Please choose a category for this. (balance_15b) |
| V176 | balance_15c | Source resp. would buy it from | discrete | character | If you spent an extra GHc 150 on your business, what would you spend it on? (balance_15a) From where would you buy it? (balance_15c) |
| V177 | balance_16a1 | Ownership of bank account $\text { (1=Yes, } 2=\mathrm{No} \text { ) }$ | discrete | character | Do you have a bank account? (balance_16a1) |
| V178 | balance_16a2 | Is bank account used for the business? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you use that bank account for the business? (balance_16a2) |
| V179 | balance_16b1 | Respondent purchases inputs on credit from suppliers ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Do you purchase inputs on credit from suppliers? (balance_16b1) |
| V180 | balance_16b2 | Percentage of inputs purchased on credit | discrete | character | What percentage of your inputs are purchased on credit? <br> (balance_16b2) |
| V181 | balance_16c1 | Respondent makes sales on credit ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you make sales on credit? (balance_16c1) |
| V182 | balance_16c2 | Higher price charged when selling on credit ( $1=$ Yes, $2=$ No) | discrete | character | Do you charge a higher price when selling on credit? (balance_16c2) |
| V183 | balance_16c3 | Percentage of sales made on credit | discrete | character | What percentage of your sales are made on credit? (balance_16c3) |
| V184 | balance_16d1 | Use of susu collector to deposit money ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you use a susu collector to deposit money? (balance_16d1) |
| V185 | balance_16d2 | Average value deposited with the susu collector each day (GHC) | discrete | character | On average, how much do you deposit with the susu collector each day (GHc)? (balance_16d2) |
| V186 | balance_16e | Membership in a ROSCA (susu group) ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you belong to a ROSCA (susu group)? (balance_16e) |
| V187 | balance_17a | Ever applied for a loan from a bank ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Have you ever applied for a loan from a bank? (balance_17a) |
| V188 | balance_17b | Ever been granted a loan from a bank ( $1=$ Yes, $2=$ No, 2=Application pending) | discrete | character | Have you ever been granted a loan from a bank? (balance_17b) |
| V189 | balance_17c | Still owes part of a bank loan $\text { ( } 1=\mathrm{Yes}, 2=\mathrm{No}=\text { ) }$ | discrete | character | Do you still owe part of a bank loan? (balance_17c) |
| V190 | balance_17d | FIRST time respondent received a bank loan (year) | discrete | character | When was the FIRST time you received a bank loan? (Which year?) (balance_17d) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V191 | balance_18a | Ever borrowed money from family or friends for the business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Have you ever borrowed money from family or friends for the business? (balance_18a) |
| V192 | balance_18b | Still owes part of a loan from family or friends ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Do you still owe part of a loan from family or friends? (balance_18b) |
| V193 | balance_18c | FIRST time respondent borrowed money from family or friends for the business (ye | discrete | character | When was the FIRST time you borrowed money from family or friends for the business? (Which year?) (balance_18c) |
| V194 | balance_19a | Ever applied for a loan from a microfinance organisation $\text { (1=Yes, } 2=\mathrm{No} \text { ) }$ | discrete | character | Have you ever applied for a loan from a microfinance organisation (e.g. Sinapiaba, Pro-Credit)? (balance_19a) |
| V195 | balance_19b | Ever been granted a loan from a microfinance org. ( $1=$ Yes, 2=No, 3=Appl. pending) | discrete | character | Have you ever been granted a loan from a microfinance organisation? (balance_19b) |
| V196 | balance_19c | Still owes part of a microfinance Ioan ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you still owe part of a microfinance loan? (balance_19c) |
| V197 | balance_19d | FIRST time respondent received a loan from a microfinance organisation (year) | discrete | character | When was the FIRST time you received a loan from a microfinance organisation? (Which year?) (balance_19d) |
| V198 | balance_20a1 | Ever applied for a loan from a source not yet discussed ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Have you ever applied for a loan from a source not yet discussed? (balance_20a1) |
| V199 | balance_20a2 | Description of other source (or sources) | discrete | character | What other source (or sources)? (balance_20a2) |
| V200 | balance_20b | Ever been granted a loan from this other source ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Have you ever been granted a loan from this other source? <br> (balance_20b) |
| V201 | balance_20c | Still owes part of that loan ( $1=$ Yes, $2=$ No) | discrete | character | Do you still owe part of that loan? (balance_20c) |
| V202 | balance_20d | FIRST time respondent received a loan from this other source (year) | discrete | character | When was the FIRST time you received a loan from this other source? (Which year?) (balance_20d) |
| V203 | stopwatch_discounting1 |  | discrete | character |  |
| V204 | discount_1a | Value of money today that is equivalent to receiving GHc 100 in a month | discrete | character | How much money today would make you as happy as receiving GHC 100 in a month? (discount_1a) |
| V205 | discount_1b | 10 less than 'discount_1a' | discrete | character | Calculate 10 less than $\{Q 4.1 a\}$ (discount_1b) |
| V206 | discount_1c | Respondent would accept GHc 'discount_1b' (1=Yes, 2=No) | discrete | character | Would you accept GHc \{Q4.1b\} instead? (discount_1c) |
| V207 | discount_1d | 5 more than 'discount_1b' | discrete | character | Calculate 5 more than $\{\mathrm{Q} 4.1 \mathrm{~b}\}$ (discount_1d) |
| V208 | discount_le | Respondent would accept GHC 'discount_1d' ( $1=$ Yes, $2=$ No) | discrete | character | Would you accept GHc \{Q4.1d\} instead? (discount_1e) |
| V209 | discount_1f | Resp. SURE that he/she would not be happier with GHc 100 today than in a month | discrete | character | Are you SURE that you would not be happier with GHc 100 TODAY than in a month? (discount_1f) |
| V210 | discount_1g | Again: Value of money today that is equivalent to receiving GHc 100 in a month | discrete | character | Please answer again. How much money today would make you as happy as receiving GHc 100 in a month? (discount_1g) |
| V211 | stopwatch_income |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V212 | income_1 | Respondent keeps accounts for the business | discrete | character | Do you keep accounts for the business? If so, what kind? (income_1) |
| V213 | income_2a | Total monthly sales of the business (Including sales of services) GHc- Sept. 2008 | discrete | character | What were the total monthly sales of your business? Include sales of services. For September 2008 (GHC): (income_2a) |
| V214 | income_2b | Total monthly sales of the business (Including sales of services) GHc- Aug. 2008 | discrete | character | What were the total monthly sales of your business? Include sales of services. For August 2008 (GHc:) (income_2b) |
| V215 | income_2c | Total monthly sales of the business (Including sales of services) GHc- July 2008 | discrete | character | What were the total monthly sales of your business? Include sales of services. For July 2008 (GHC): (income_2c) |
| V216 | income_3a | Purchase of raw materials and items for resale | discrete | character | Purchase of raw materials and items for resale: (income_3a) |
| V217 | income_3b | Purchase of electricity, water, gas and fuel | discrete | character | Purchase of electricity, water, gas and fuel: (income_3b) |
| V218 | income_3c | Payments to employees and apprentices | discrete | character | Payments to employees and apprentices: (income_3c) |
| V219 | income_3d | Expenditure on telephone and cellphone airtime | discrete | character | Expenditure on telephone and cellphone airtime: (income_3d) |
| V220 | income_3e | Maintenance, repair, and transportation | discrete | character | Maintenance, repair, and transportation: (income_3e) |
| V221 | income_3f | Rent of machinery and equipment | discrete | character | Rent of machinery and equipment: (income_3f) |
| V222 | income_3g | Interest paid on loans (in GHc, not percentage terms) | discrete | character | Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g) |
| V223 | income_3h | Gifts, tips and bribes given to government officials | discrete | character | Gifts, tips and bribes given to government officials: (income_3h) |
| V224 | income_3i | Automatic sum of total monthly expenses | discrete | character | Automatically sum the total monthly expenses (income_3i) |
| V225 | income_3j | Verification: sum of expenses just listed for last month accurate ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | The sum of the expenses you just listed for the last month was \{Q12.3i\} GHc. Does this seem accurate? (income_3j) |
| V226 | income_3k | Estimate of total of expenses for the last month | discrete | character | What do you estimate to be the total of these expenses for the last month? (income_3k) |
| V227 | income_31 | Rent for land and buildings used in the business | discrete | character | Rent for land and buildings used in the business: (income_31) |
| V228 | income_3m | Market fees | discrete | character | Market fees: (income_3m) |
| V229 | income_3n | Tax on business income | discrete | character | Tax on business income: (income_3n) |
| V230 | income_30 | Automatic sum of total annual expenses | discrete | character | Automatically sum the total annual expenses (income_3o) |
| V231 | income_3p | Verification: sum of expenses just listed last 12 months accurate ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | The sum of the expenses you just listed for the last twelve months was GHc \{Q12.30\}. Does this seem accurate? (income_3p) |
| V232 | income_3q | Estimate of total of expenses for the last twelve months | discrete | character | What do you estimate to be the total of these expenses for the last twelve months? (income_3q) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V233 | income_4a | Question on profits answered? $\text { (1=Yes, } 2=\text { No })$ | discrete | character | After paying all expenses, what was the income of the business (the profits) during September 2008 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a) |
| V234 | income_4b | Profit | discrete | character | After paying all expenses, what was the income of the business (the profits) during September 2008 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Profit: (income_4b) |
| V235 | income_4c | Profit range [Categories provided] | discrete | character | After paying all expenses, what was the income of the business (the profits) during September 2008 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Was the amount: (income_4c) |
| V236 | income_4d | Proportion of profits that is typically invested into the business | discrete | character | What proportion of this amount do you typically invest in your business (\%)? (income_4d) |
| V237 | income_4e | 'income_4d' included value of goods or serv. that resp. and household consumed | discrete | character | In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business? |
| V238 | income_4f | Value of goods and services that resp. and household consumed - Sept. 2008 | discrete | character | What was the value of the goods and services that you and your household consumed from the business in September 2008? (income_4f) |
| V239 | income_5a | Sales value | discrete | character | Look up the sales value. (income_5a; however, this is missing) |
| V240 | income_5b | Profit value | discrete | character | Look up the profit value. (income_5b; however, this is missing) ERROR: You told me that profits were GHc \{Q12.5b\}, but that sales were only GHc \{Q12.5a\}. (if sales > profit) |
| V241 | income_5c | Correct value for sales in September 2008 | discrete | character | What is the correct value for sales in September 2008? (income_5c) |
| V242 | income_5d | Correct value for profits in September 2008 | discrete | character | What is the correct value for profits in September 2008? (income_5d) |
| V243 | income_6a | Sales value | discrete | character | Look up the sales value. (income_6a; however, this is missing) |
| V244 | income_6b | Monthly expenses | discrete | character | Look up the monthly expenses value. (income_6b; however, this is missing) |
| V245 | income_6c | Correct value for sales in September 2008 | discrete | character | What is the correct value for sales in September 2008? (income_6c) |
| V246 | income_6d | Correct value for profits in September 2008 | discrete | character | What is the correct value for profits in September 2008? (income_6d) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V247 | income_7a | Name of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR <br> SERVICE: Name: (income_7a) |
| V248 | income_7b | Sale price per unit (GHC) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_7b) |
| V249 | income_7c | Cost of raw materials for one unit (GHC) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHC): (income_7c) |
| V250 | income_7d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_7d) |
| V251 | income_7e | Verification: Correct that product is sold for same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e) |
| V252 | income_7f | Verification: Correct that materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_7f) |
| V253 | income_7g | Units sold in the last month of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g) |
| V254 | income_7h | Share of most important product or service in total sales (\%) | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h) |
| V255 | income_8a | Name of second most important product or service | discrete | character | SECOND MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_8a) |
| V256 | income_8b | Sale price per unit (GHC) of second most important product or service | discrete | character | SECOND MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_8b) |
| V257 | income_8c | Cost of raw materials for 1 unit of second most important product or service | discrete | character | SECOND MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHC): (income_8c) |
| V258 | income_8d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_8d) |
| V259 | income_8e | Verification: Correct that product is sold for the same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_8e) |
| V260 | income_8f | Verification: Correct that the materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_8f) |
| V261 | income_8g | Units sold in the last month of second most important product or service | discrete | character | SECOND MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_8g) |
| V262 | income_8h | Share of second most important product or service in total sales (\%) | discrete | character | SECOND MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_8h) |
| V263 | income_7i | Pricing of MOST IMPORTANT product or service | discrete | character | Which one of the following best describes the way you price your MOST IMPORTANT product or service? (income_7i) |
| V264 | income_9 | Supposed additional revenue from spending an additional GHc 10 on inputs | discrete | character | Suppose you spent an additional GHc 10 on inputs. How much additional revenue would you get (GHC)? (income_9) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V265 | income_10a | Any free goods or serv. given to non-members of resp.'s household - Sept. 2008 | discrete | character | In September 2008, did you give any free goods or services to non-members of your household? (income_10a) |
| V266 | income_10b | Approximate sale value of the goods and services given for free (GHc) | discrete | character | What is the approximate sale value of the goods and services given for free (GHC)? (income_10b) |
| V267 | income_11 | Business lost goods or equipment due to theft in the last 3 months | discrete | character | In the last 3 months, has your business lost goods or equipment due to theft? (income_11) |
| V268 | income_12 | Money taken home from other businesses in September | discrete | character | You told me earlier that you have other businesses. How much money did you take home from these other businesses in September? Include the money you saved or gave to family and friends. (income_12) |
| V269 | income_13a | Respondent rents land or rooms (1=Yes, $2=$ No) | discrete | character | Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a) |
| V270 | income_13b | Total income made from renting land or rooms in September 2008 | discrete | character | In September 2008, what was your total income you made from renting land or rooms? (income_13b) |
| V271 | income_14 | Wages or salary received in September 2008 | discrete | character | In September 2008, were you paid any wages or salary? If yes, how much? (income_14) |
| V272 | inheritance_1 | Inherited anything in the past three years ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Have you inherited anything in the past three years? (inheritance_1) |
| V273 | inheritance_2a | Total value of LAND AND BUILDINGS inherited (GHc) | discrete | character | What was the total value of LAND AND BUILDINGS that you inherited (GHC)? (inheritance_2a) |
| V274 | inheritance_2b | Value of the land and buildings inherited that is used for the business (GHC) | discrete | character | Of this, what is the value of the land and buildings that you used for the business (GHc)? (inheritance_2b) |
| V275 | inheritance_3a | Total amount of MONEY inherited (GHc) | discrete | character | What was the total amount of MONEY that you inherited (GHC)? (inheritance_3a) |
| V276 | inheritance_3b | Value of money inherited that is used for the business (GHc) | discrete | character | Of this, how much did you use for the business? (inheritance_3b) |
| V277 | inheritance_4a | Total value of everything ELSE inherited (GHc) | discrete | character | What was the total value of everything ELSE that you inherited (GHC)? (inheritance_4a) |
| V278 | inheritance_4b | Value of the other things inherited that is used for the business | discrete | character | Of this, what was the value of the things that you used for the business? (inheritance_4b) |
| V279 | inheritance_5 | If respondent inherited GHc 150 within next month, amount spend on business | discrete | character | If you inherit GHc 150 within the next month, how much of it would you spend on your business? (inheritance_5) |
| V280 | stopwatch_informality |  | discrete | character |  |
| V281 | informality_1a | Business has tax identification number ( $1=$ Yes, $2=$ No) | discrete | character | Does your business have a tax identification number? (informality_1a) |
| V282 | informality_1b | Respondent has a voter registration card ( $1=$ Yes, $2=$ No) | discrete | character | Do you have a voter registration card? (informality_1b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V283 | informality_1c | Respondent has a valid driver's license ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you have a valid driver's license? (informality_1c) |
| V284 | informality_1d | Respondent has a valid passport (1=Yes, 2=No) | discrete | character | Do you have a valid passport? (informality_1d) |
| V285 | informality_1e | Passport is Ghanaian ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Is it a Ghanaian passport? (informality_1e) |
| V286 | informality_2 | Business registered for VAT (1=Yes, 2=No) | discrete | character | Is your business registered for VAT? (informality_2) |
| V287 | informality_3a | Business registered with the DISTRICT ASSEMBLY ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Is your business registered with the DISTRICT ASSEMBLY? (informality_3a) |
| V288 | informality_3b | Person who registered business with the DISTRICT ASSEMBLY | discrete | character | Did you register with the DISTRICT ASSEMBLY yourself, or use a middleman? (informality_3b) |
| V289 | informality_3c | Asked to pay a bribe in order to register ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Were you asked to pay a bribe in order to register? (informality_3c) |
| V290 | informality_4a | Business registered with the REGISTRAR GENERAL ( $1=$ =Yes, $2=\mathrm{No}$ ) | discrete | character | Is your business registered with the REGISTRAR GENERAL? (informality_4a) |
| V291 | informality_4b | Person who registered business with the REGISTRAR GENERAL | discrete | character | Did you register with the REGISTRAR GENERAL yourself, or use a middleman? (informality_4b) |
| V292 | informality_4c | Asked to pay a bribe in order to register ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Were you asked to pay a bribe in order to register? (informality_4c) |
| V293 | informality_5 | Business is a member of a BUSINESS ASSOCIATION ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Is your business a member of a BUSINESS ASSOCIATION? (informality_5) |
| V294 | informality_6a | Business registered with any OTHER AGENCY ( $1=$ Yes, $2=$ No) | discrete | character | Is your business registered with any OTHER AGENCY? (informality_6a) |
| V295 | informality_6b | Name of other agency | discrete | character | What is the name of this other agency? (informality_6b) |
| V296 | informality_6c | Person who registered with this agency | discrete | character | Did you register with this agency yourself, or use a middleman? (informality_6c) |
| V297 | informality_6d | Asked to pay a bribe in order to register ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Were you asked to pay a bribe in order to register? (informality_6d) |
| V298 | informality_7a | Had to pay fees for operating without off. registration or license - last year | discrete | character | In the last year, did you have to pay any fees or penalties for operating without official registration or license? (informality_7a) |
| V299 | informality_7b | Amount paid in fees or penalties | discrete | character | Amount paid in fees or penalties: (informality_7b) |
| V300 | informality_8a | Asked to pay bribe to avoid punishment - last year | discrete | character | In the last year, were you asked to pay a bribe to avoid punishment for operating without registration or license? (informality_8a) |
| V301 | informality_8b | Amount paid in bribes | discrete | character | Amount paid in bribes: (informality_8b) |
| V302 | informality_9 | Visited by the IRS or VAT service in the last year ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | In the last year, have you been visited by the IRS or VAT service? (informality_9) |
| V303 | informality_10 | Predictability of taxes assessed on the business | discrete | character | How predictable are the taxes assessed on your business? (informality_10) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V304 | stopwatch_competitive |  | discrete | character |  |
| V305 | competition_1a | Share of sales of this business that comes from customers in the neighbourhood | discrete | character | What share of the sales of this business comes from the following: Customers in the neighbourhood (within five minutes' walk): (competition_1a) |
| V306 | competition_1b | Share of sales of this business that comes from customers elsewhere in district | discrete | character | What share of the sales of this business comes from the following: Customers elsewhere in \{District\}: (competition_1b) |
| V307 | competition_1c | Share of sales of this business that comes from customers elsewhere | discrete | character | What share of the sales of this business comes from the following: Customers elsewhere (outside those areas): (competition_1c) |
| V308 | competition_1d | Share of sales of this business that comes from customers of unknown origin | discrete | character | What share of the sales of this business comes from the following: Customers of unknown origin: (competition_1d) |
| V309 | Competition_Scrolled |  | discrete | character |  |
| V310 | competition_2a | Customers in the neighbourhood (within five minutes' walk) (\%) | discrete | character | What share of the sales of this business comes from the following: Customers in the neighbourhood (within five minutes' walk) (\%): (competition_2a) |
| V311 | competition_2b | Customers elsewhere in district (\%) | discrete | character | What share of the sales of this business comes from the following: Customers elsewhere in \{District\} (\%): (competition_2b) |
| V312 | competition_2c | Customers elsewhere (outside those areas) (\%) | discrete | character | What share of the sales of this business comes from the following: Customers elsewhere (outside those areas) (\%): (competition_2c) |
| V313 | competition_2d | Customers of unknown origin (\%) | discrete | character | What share of the sales of this business comes from the following: Customers of unknown origin (\%):(competition_2d) |
| V314 | Competition_Scrolled_1 |  | discrete | character |  |
| V315 | competition_3 | Number of similar businesses operating in respondent's neighborhood | discrete | character | How many businesses like yours operate in your neighborhood (within five minutes' walk)? (competition_3) |
| V316 | competition_4 | Location of most important competitor | discrete | character | Where is your most important competitor located? (competition_4) |
| V317 | competition_5 | Proportion of sales that are custom-made (\%) | discrete | character | What proportion of your sales are custom-made to meet the specifications of specific customers (\%)?(competition_5) |
| V318 | competition_6 | Time it would take the customers to find alternative supplier if bus. shut down | discrete | character | If you shut down your business, how long will it take your customers to find an alternative supplier? (competition_6) |
| V319 | stopwatch_attitudes |  | discrete | character |  |
| V320 | attitudes_1 | What must respondent achieve to consider his/her business successful | discrete | character | What must you achieve to consider your business successful? <br> (attitudes_1) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V321 | attitudes_2a | Rung on ladder that best represents where resp. stands at present time | discrete | character | Which rung on the ladder best represents where you personally stand at the present time? (attitudes_2a) |
| V322 | attitudes_2b | Rung that best represents where resp. will in five years | discrete | character | Which rung best represents where you personally will be on the ladder five years from now? (attitudes_2b) |
| V323 | attitudes_2c | Resp. expects to be doing to earn a living in five years | discrete | character | What do you expect you will be doing to earn a living in five years' time? (attitudes_2c) |
| V324 | attitudes_2d | Number of paid employees respondent expects to have five years from now | discrete | character | Imagine you are still running a business five years from now. How many paid employees do you expect to have at that time? (attitudes_2d) |
| V325 | attitudes_3 | Risk taking (1=Unwilling to take risk to $10=$ Fully prepared to take risk) | discrete | character | Do you take risks or do you try to avoid them? (attitudes_3) |
| V326 | attitudes_4a1 | Resp. would trust his/her spouse to deliver GHc 100 of resp.'s own money | discrete | character | Would you trust your spouse to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4a1) |
| V327 | attitudes_4a2 | Resp. would trust his/her spouse to open and close the enterprise | discrete | character | Would you trust your spouse to open and close the enterprise on a day that you have to travel? (attitudes_4a2) |
| V328 | attitudes_4b1 | Resp. has brother, sister or parent whom resp. would trust to deliver GHc 100 | discrete | character | Do you have a brother, sister or parent whom you would trust to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4b1) |
| V329 | attitudes_4b2 | Resp. has brother, sister or parent whom resp. would trust to open/close enterpr. | discrete | character | Do you have a brother, sister or parent whom you would trust to open and close the enterprise on a day that you have to travel? (attitudes_4b2) |
| V330 | attitudes_4c1 | Resp. would trust a member of his/her extended family to deliver GHc 100 | discrete | character | Would you trust a member of your extended family to deliver GHC 100 of your own money to a relative in a nearby town? (attitudes_4c1) |
| V331 | attitudes_4c2 | Resp. would trust a member of his/her extended family to open/close enterprise | discrete | character | Would you trust a member of your extended family to open and close the enterprise on a day that you have to travel? (attitudes_4c2) |
| V332 | attitudes_4d1 | Resp. would trust a friend to deliver GHc 100 of his/her own money | discrete | character | Would you trust a friend to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4d1) |
| V333 | attitudes_4d2 | Resp. would trust a friend to open and close the enterprise | discrete | character | Would you trust a friend to open and close the enterprise on a day that you have to travel? (attitudes_4d2) |
| V334 | attitudes_4e1 | Resp. would trust an employee, work associate or apprentice to deliver GHc 100 | discrete | character | Would you trust an employee, work associate or apprentice to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4e1) |
| V335 | attitudes_4e2 | Resp. would trust employee,work associate or apprentice to open/close enterpr. | discrete | character | Would you trust an employee, work associate or apprentice to open and close the enterprise on a day that you have to travel? (attitudes_4e2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V336 | attitudes_5a | Resp.'s spouse has compelled resp. to give him/her money last 3 months | discrete | character | In the last three months, my spouse has compelled me to give him or her money when I did not want to. (attitudes_5a) |
| V337 | attitudes_5b | Resp. can spend his/her income without consulting his/her spouse | discrete | character | I can spend my income without consulting my spouse. (attitudes_5b) |
| V338 | attitudes_5c | Resp. would feel comfortable taking the money from his/her spouse's wallet/purse | discrete | character | If I needed money and my spouse was not at home, I would feel comfortable taking the money from my spouse's wallet/purse. (attitudes_5c) |
| V339 | attitudes_5d | Spouse is supportive of respondent's running a business | discrete | character | My spouse is supportive of my running a business. (attitudes_5d) |
| V340 | attitudes_5e | If resp. urgently needs money for the business, his/her spouse will assist | discrete | character | If I urgently need money for my business, my spouse will assist me in any way that he/she can. (attitudes_5e) |
| V341 | attitudes_5f | Resp. plans tasks carfully | discrete | character | I plan tasks carefully. (attitudes_5f) |
| V342 | attitudes_5g | Resp. makes up his/her mind quickly | discrete | character | I make up my mind quickly. (attitudes_5g) |
| V343 | attitudes_5h | Resp. saves regularly | discrete | character | I save regularly. (attitudes_5h) |
| V344 | attitudes_5i | Resp. usually expects the best in uncertain times | discrete | character | In uncertain times I usually expect the best. (attitudes_5i) |
| V345 | attitudes_5j | Resp. can think of many times that he/she persisted with work when others quit | discrete | character | I can think of many times when I persisted with work when others quit. (attitudes_5j) |
| V346 | attitudes_5k | Resp. continues to work on hard projects even when others oppose him/her | discrete | character | I continue to work on hard projects even when others oppose me. (attitudes_5k) |
| V347 | attitudes_51 | Resp. likes to juggle several activities at the same time | discrete | character | I like to juggle several activities at the same time. (attitudes_5I) |
| V348 | attitudes_5m | Resp. would rather complete an entire project every day than parts of several | discrete | character | I would rather complete an entire project every day than complete parts of several projects. (attitudes_5m) |
| V349 | attitudes_5n | If something can go wrong for resp., it will | discrete | character | If something can go wrong for me, it will. (attitudes_5n) |
| V350 | attitudes_50 | Resp. believes it is best to complete one task before beginning another | discrete | character | I believe it is best to complete one task before beginning another. (attitudes_5o) |
| V351 | attitudes_5p | Resp. only tries things that he/she is sure of | discrete | character | I only try things that I am sure of. (attitudes_5p) |
| V352 | attitudes_5q | Generally speaking most people in this community are honest and can be trusted | discrete | character | Generally speaking, most people in this community are honest and can be trusted. (attitudes_5q) |
| V353 | attitudes_5r | Resp. is always optimistic about his/her future | discrete | character | I'm always optimistic about my future. (attitudes_5r) |
| V354 | attitudes_5s | A person can get rich by taking risks | discrete | character | A person can get rich by taking risks. (attitudes_5s) |
| V355 | tests_1 | Last digit recall that respondent got correct | discrete | character | What was the last digit recall that the respondent got correct? (tests_1) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V356 | attitudes_6a | Important for resp. to do thins as well as resp. can even if it is unpopular | discrete | character | It is important for me to do whatever I'm doing as well as I can even if it isn't popular with people around me. (attitudes_6a) |
| V357 | attitudes_6b | Resp. would make a good leader of people if given the chance | discrete | character | If given the chance, I would make a good leader of people. (attitudes_6b) |
| V358 | attitudes_6c | Part of resp.'s enjoyment in doing thins is improving his/her past performance | discrete | character | Part of my enjoyment in doing things is improving my past performance. (attitudes_6c) |
| V359 | attitudes_6d | When a group resp. belongs to plans an activity, esp. would rather direct it | discrete | character | When a group to which I belong plans an activity, I would rather direct it myself. (attitudes_6d) |
| V360 | attitudes_6e | Important for resp. to perform better than others on a task | discrete | character | It is important to me to perform better than others on a task. (attitudes_6e) |
| V361 | attitudes_6f | Resp. rarely counts on good thins happening to him/her | discrete | character | I rarely count on good things happening to me. (attitudes_6f) |
| V362 | attitudes_6g | Resp. enjoys planning thins and deciding what other people should do | discrete | character | I enjoy planning things and deciding what other people should do. (attitudes_6g) |
| V363 | attitudes_6h | Resp. finds satisfaction in having influence over others | discrete | character | I find satisfaction in having influence over others. (attitudes_6h) |
| V364 | attitudes_6i | The most important thing that happens in life involves work | discrete | character | The most important thing that happens in life involves work. (attitudes_6i) |
| V365 | attitudes_6j | Resp.'s family and friends would say he/she is a very organised person | discrete | character | My family and friends would say I am a very organised person. (attitudes_6j) |
| V366 | stopwatch_discounting2 |  | discrete | character |  |
| V367 | discount_2a | Amount 5 months from now that would be equiv. to receiving GHc 100 in 6 months | discrete | character | How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a) |
| V368 | ReductionCounter2 |  | discrete | character |  |
| V369 | discount_2b | Reduction counter - Ten less than 'discount_2a' | discrete | character | Reduction counter - calculate ten less than (Q4.2a) (discount_2b) |
| V370 | discount_2c | Respondent would accept GHc 'discount_2b' instead ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Would you accept GHc \{Q4.2b\} instead? (discount_2c) |
| V371 | discount_2d | 5 more than 'discount_2b | discrete | character | Calculate 5 more than (Q4.2b) (discount_2d) |
| V372 | discount_2e | Respondent would accept GHc 'discount_2d' instead (1=Yes, $2=\mathrm{No}$ ) | discrete | character | Would you accept GHc \{Q4.2d\} instead? (discount_2e) |
| V373 | discount_2f | Resp. SURE that he/she would not be happier with GHc 100 TODAY than in a month | discrete | character | Are you SURE that you would not be happier with GHc 100 TODAY than in a month? (discount_2f) |
| V374 | discount_2g | Answer again: Amount today that would be equiv. to receiving GHc 100 in a month | discrete | character | Please answer again. How much money today would make you as happy as receiving GHc 100 in a month? (discount_2g) |
| V375 | stopwatch_roster |  | discrete | character |  |
| V376 | household_1a | Relationship of respondent to the head of his/her household | discrete | character | What relationship are you to the head of your household? (household_1a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V377 | household_1b | Number of members of the household apart from respondent | discrete | character | Apart from you, how many members are there in the household? (household 1b) |
| V378 | household_2a | Last WEEK'S household expenditure on: Food and drink for home consumption | discrete | character | Last week: How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHC)? (household_2a) |
| V379 | household_2b | Last WEEK'S household expenditure on: Food and drink consumed outside the home | discrete | character | Last week: How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHC)? (household_2b) |
| V380 | household_3a | Last MONTH's household expenditures on: Housing | discrete | character | How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHC)? (household_3a) |
| V381 | household_3b | Last MONTH's household expenditures on: Fuel and Light | discrete | character | How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b) |
| V382 | household_3c | Last MONTH's household expenditures on: Non-durable household goods | discrete | character | How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c) |
| V383 | household_3d | Last MONTH's household expenditures on: Transport | discrete | character | How much did you and your household spend last MONTH on: Transport (e.g. train/bus, taxis, school transport fees) (GHc)? (household_3d) |
| V384 | household_3e | Last MONTH's household expenditures on: Communication | discrete | character | How much did you and your household spend last MONTH on: Communication (e.g. telephone, internet and postal) (GHc)? (household_3e) |
| V385 | household_3f | Last MONTH's household expenditures on: Recreation and entertainment | discrete | character | How much did you and your household spend last MONTH on: Recreation and entertainment (e.g. CDs, DVDs, cinema, books, beach, football, lottery) (GHC)? (household_3f) |
| V386 | household_3g | Last MONTH's household expenditures on: Household services | discrete | character | How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHC)? (household_3g) |
| V387 | household_3h | Last MONTH's household expenditures on: Personal care services | discrete | character | How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h) |
| V388 | household_3i | Last MONTH's household expenditures on: Contributions to associations | discrete | character | How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) ( GHC ) ? (household_3i) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V389 | household_4a | Over past THREE MONTHS household expenditures on: Clothing and textiles | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHC)? (household_4a) |
| V390 | household_4b | Over past THREE MONTHS household expenditures on: Footwear | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b) |
| V391 | household_4c | Over past THREE MONTHS household expenditures on: Funerals,weddings,ceremonies | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHC)? (household_4c) |
| V392 | household_4d | Over past THREE MONTHS household expenditures on: Electronic goods | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHC)? (household_4d) |
| V393 | household_4e | Over past THREE MONTHS household expenditures on: Household furnishings | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e) |
| V394 | household_4f | Over past THREE MONTHS household expenditures on: Household appliances | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHC)? (household_4f) |
| V395 | household_4g | Over past THREE MONTHS household expenditures on: Vehicles | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHC)? (household_4g) |
| V396 | household_4h | Over past THREE MONTHS household expenditures on: Health expenses | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHC)? (household_4h) |
| V397 | household_4i | Over past THREE MONTHS household expenditures on: Education | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHC)? (household_4i) |
| V398 | household_5 | Ownership of the dwelling in which the household lives | discrete | character | Who owns the dwelling in which the household lives? (household_5) |
| V399 | household_6 | Home has a landline telephone $\text { (1=Yes, } 2=\mathrm{No} \text { ) }$ | discrete | character | Does your home have a landline telephone? (household_6) |
| V400 | household_7 | Respondent or any household member has a cellular phone ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you or any household member have a cellular phone? (household_7) |
| V401 | household_8 | Household owns the functioning items [list provided] | discrete | character | Does this household own any of the following (functioning) items? (household_8) (ticklist) |
| V402 | stopwatch_other |  | discrete | character |  |
| V403 | questionnaire_endtime |  | discrete | character |  |
| V404 | GPS_4 | Household location the same (1=Yes, 2=No) | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V405 | impressions_1 | Person(s) other than the enterprise owner present during the interview | discrete | character | Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist) |
| V406 | impressions_2 | Interviewer's impression of how well the respondent understood the questions | discrete | character | What is your impression of how well the respondent understood the questions being asked? (impressions_2) |
| V407 | impressions_3 | Interviewer's impression of seriousness with which the resp. answered questions | discrete | character | What is your impression of the seriousness with which the respondent answered questions? (impressions_3) |
| V408 | impressions_4 | Interviewer's impression of preciseness with which questions were answered | discrete | character | What is your overall impression of the preciseness with which questions were answered? (impressions_4) |
| V409 | impressions_5 | Most difficult or troubling sections for the respondent | discrete | character | Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark) |
| V410 | impressions_6 | Most difficult or troubling sections for the interviewer | discrete | character | Which sections were most difficult or troubling for you? (impressions_6) (ticklist) |
| V411 | impressions_7 | Sections that interested the respondents the most | discrete | character | Which sections interested the respondents the most? (impressions_7) (ticklist) |
| V412 | impressions_8 | Most difficult or troubling questions for the respondent | discrete | character | Which questions were most difficult or troubling for the respondent? (impressions_8) |
| V413 | impressions_9 | Most difficult or troubling questions for the interviewer | discrete | character | Which questions were most difficult or troubling for you? (impressions_9) |
| V414 | impressions_10 | Questions that interested the respondents the most | discrete | character | Which questions interested the respondents the most? <br> (impressions_10) |
| V415 | SingleMultipleMerge |  | discrete | numeric |  |
| V416 | business_1d | Kind of retail/trade ( $1=$ Food and drink, $2=$ Fabrics and garments, 3=Other) | discrete | character |  |
| V417 | balance_2b | Land or market space used by the business was purchased ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character |  |
| V418 | balance_2e2 | Currency of resale value of land and market space today | discrete | character |  |
| V419 | balance_3c | Currency of balance_3b | discrete | character |  |
| V420 | balance_4e | Currency of resale value (today) of kiosk/shed/building when starting business | discrete | character |  |

## GhanaRound2Multiple_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 2", section 12 "Social Network Questions" |
| :--- | :--- |
| Cases | 8135 |
| Variable(s) | 8 |
| Structure | Type: <br> Keys: () |
| Version  <br> Producer  <br> Missing Data  |  |

## Variables

| ID | Name | Tabel |  | Format | Question |
| :--- | :--- | :--- | :--- | :--- | :--- |
| V421 | SHENO | SHENO | discrete | character |  |
| V422 | questionnumber | Question Number | discrete | numeric |  |
| V423 | instance | Instance | discrete | numeric |  |
| V424 | questionheading | Question heading | discrete | character |  |
| V425 | answer | Answer | discrete | numeric |  |
| V426 | socialsheno | SocialSHENO | discrete | character |  |
| V427 | networksloop_1 | Relationship (1=blood relative, 2=in-laws, <br> 3=friend, 4=casual acquaintance, 5=un | discrete | character | Is this following individual a relative, <br> friend, or acquaintance of yours? |
| V428 | networksloop_2 | Frequency of chats about the days events <br> with this person or members of their $h$ | discrete | character | How frequently do you chat about <br> the day's events with this person or <br> members of their household? |

## GhanaRound2Single_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 2" |
| :--- | :--- |
| Cases | 913 |
| Variable(s) | 284 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V429 | SHENO | Firm identification number | discrete | character |  |
| V430 | questionnaire_starttime | Start time of interview | discrete | character |  |
| V431 | questionnaire_date | Date of interview | discrete | character |  |
| V432 | introduction_stopwatch |  | discrete | character |  |
| V433 | introduction_1 | Interviewer was able to find the owner ( $1=$ Yes, $2=$ No) | discrete | character | Interviewer: Were you able to find the owner? (introduction_1) |
| V434 | introduction_2 | Owner agreed to be interviewed again (1=Yes, $2=\mathrm{No}$ ) | discrete | character | Interviewer: Did the owner agree to be interviewed again? (introduction_2) |
| V435 | attrition_2 | Owner still operates the business | discrete | character | Does the owner still operate the business? (attrition_2) |
| V436 | attrition_3 | Business still seems to be operating in the same location as before | discrete | character | Does the business still seem to be operating in the same location as before? (attrition_3) |
| V437 | introduction_3 | Place of interview | discrete | character | Where is the interview taking place? (introduction_3) |
| V438 | introduction_4 | Household is living at same address as in previous round (1=Yes, $2=$ No) | discrete | character | In the previous round, the household was recorded as living at \{household address \}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4) |
| V439 | introduction_6 | Respondent still owns and operates a business ( $1=$ Yes, $2=$ No) | discrete | character | Do you still own and operate a business? (introduction_6) |
| V440 | introduction_7 | Respondent is still working in the same location as in October or November 2008 | discrete | character | Are you still working in the same location as you were working in when we interviewed you in October or November 2008? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7) |
| V441 | introduction_10 | What happened to the business previously ran? | discrete | character | What happened to the business you previously ran? (introduction_10) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V442 | introduction_11 | Main activity now | discrete | character | What is your main activity now? (introduction_11) (specify) $\qquad$ |
| V443 | introduction_12 | New line of business activity | discrete | character | You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12) |
| V444 | introduction_13 | Verification: Really a new line of business | discrete | character | Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13) |
| V445 | balance_8a | Respondent owns the land or market space used by the business ( $1=$ yes, $2=n o$ ) | discrete | character | Do you currently own the land or market space used by the business? (balance_8a) |
| V446 | balance_8b | Year when land or market space was purchased | discrete | character | In what year did you purchase the land or market space? (balance_8b) |
| V447 | balance_8c | Resale value (today) of land and market space (GHc) | discrete | numeric | How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |
| V448 | balance_9a | Business has any kiosk/shed/building ( $1=y e s, 2=n o$ ) | discrete | character | Does your business currently have any kiosk/shed/building? (balance_9a) |
| V449 | balance_9b | Ownership of the kiosk/shed/building ( $a$ )=Owned, b) $=$ Rented, c )=Borrowed ) | discrete | character | Ownership of the kiosk/shed/building: (balance_9b) |
| V450 | balance_9c | Replacement value of kiosk/shed/building (GHc) | contin | numeric | If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c) |
| V451 | balance_10a | Business has any furniture or display cases ( $1=$ Yes, $2=$ No) | discrete | character | Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a) |
| V452 | balance_10b | Number of different types of furniture or display cases | discrete | numeric | How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b) |
| V453 | balance_10c | Ownership of FIRST furniture or display cases | discrete | character | FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c) |
| V454 | balance_10d | Replacement value of FIRST furniture or display cases (GHc) | contin | numeric | FIRST FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V455 | balance_10e | Ownership of SECOND furniture or display cases | discrete | character | SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e) |
| V456 | balance_10f | Replacement value of SECOND furniture or display cases (GHc) | discrete | numeric | SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V457 | balance_10g | Ownership of THIRD furniture or display cases | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V458 | balance_10h | Replacement value of THIRD furniture or display cases (GHc) | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GHc )? |
| V459 | balance_10i | Ownership of FOURTH furniture or display cases | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i) |
| V460 | balance_10j | Replacement value of FOURTH furniture or display cases (GHc) | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GHc ) ? |
| V461 | balance_11a | Business has any machines or equipment ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Does your business currently have any MACHINES or EQUIPMENT? (balance_11a) |
| V462 | balance_11b | Number of different types of machine/equipment | discrete | numeric | How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b) |
| V463 | balance_11c | Ownership of FIRST machine/equipment ( a)=Owned, b)=Rented, c)=Borrowed ) | discrete | character | FIRST MACHINE/EQUIPMENT: Ownership (balance_11c) |
| V464 | balance_11d | Replacement value of FIRST machine/equipment (GHC) | contin | numeric | FIRST MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11d) |
| V465 | balance_11e | Ownership of SECOND machine/equipment ( a)=Owned, b)=Rented, c)=Borrowed ) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11e) |
| V466 | balance_11f | Replacement value of SECOND machine/equipment (GHC) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f) |
| V467 | balance_11g | Ownership of machine/equipment ( a )=Owned, b) $=$ Rented, c)=Borrowed ) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11g) |
| V468 | balance_11h | Replacement value of THIRD machine/equipment (GHc) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHC)? (balance_11h) |
| V469 | balance_11i | Ownership of FOURTH machine/equipment ( <br> a)=Owned, b)=Rented, c)=Borrowed ) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11i) |
| V470 | balance_11j | Replacement value of FOURTH machine/equipment (GHC) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j) |
| V471 | balance_12a | Business currently has any other equipment, tools, and utensils | discrete | character | Does your business currently have any other tools and utensils (including vehicles)? (balance_12a) |
| V472 | balance_12b | Number of different types of other equipment, tools or utensils | discrete | numeric | If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b) |
| V473 | balance_12c | Ownership of FIRST other equipment, tools or utensils | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V474 | balance_12d | Replacement cost of FIRST other equipment, tools or utensils (GHc) | contin | numeric | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d) |
| V475 | balance_12e | Ownership of SECOND other equipment, tools or utensils | discrete | character | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e) |
| V476 | balance_12f | Replacement cost of SECOND other equipment, tools or utensils (GHc) | contin | numeric | SECOND OTHER <br> EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f) |
| V477 | balance_12g | Ownership of THIRD other equipment, tools or utensils | discrete | character | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g) |
| V478 | balance_12h | Replacement cost of THIRD other equipment, tools or utensils (GHc) | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h) |
| V479 | balance_12i | Ownership of FOURTH other equipment, tools or utensils | discrete | numeric | FOURTH OTHER <br> EQUIPMENT, TOOLS OR <br> UTENSILS: Ownership <br> (balance_12i) |
| V480 | balance_12j | Replacement cost of FOURTH other equipment, tools or utensils (GHc) | discrete | numeric | FOURTH OTHER <br> EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12j) |
| V481 | balance_13a | Automatic sum of assets, excluding land, buildings and market space | contin | numeric | PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space. |
| V482 | balance_13b | Verification: accuracy of 'balance_13a' | discrete | character | The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b) |
| V483 | balance_13c | What has been missed or double-counted? | discrete | character | What have we missed or double-counted? (balance_13c) |
| V484 | balance_13d | Estimate:total replacement cost of assets(excl. land, buildings or market space) | discrete | numeric | What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d) |
| V485 | balance_14a | Bus. holds products for sale,raw materials, products in production or spare parts | discrete | character | When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a) |
| V486 | balance_14b | Total purchase cost of stocks and inventories (GHC) | contin | numeric | What is the total purchase cost of these goods (GHc)? (balance_14b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V487 | balance_14c | Value of items on hand to sell (GHc) | discrete | numeric | You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c) |
| V488 | balance_14d | Cash for business (Includes cash held at home, at the bank or with a susu) | contin | numeric | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (balance_14d) |
| V489 | hours_stopwatch |  | discrete | character |  |
| V490 | business_6a | Days spent working in the business - LAST week | discrete | numeric | How many hours a week do you personally spend working in the business? Days worked |
| V491 | business_6b | Hours spent working in the business per day - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Hours per day |
| V492 | business_6c | Total hours spent working in the business - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Total hours (Number of days * Hours per day) |
| V493 | business_8a | Days spent working full effort in the business - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Days worked |
| V494 | business_8b | Hours of full effort per day - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Hours of full effort per day |
| V495 | business_8c | Total hours of full effort - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Total hours (Number of days * Hours per day) |
| V496 | otherworkers_1 | Apart from respondent, any other unpaid or paid workers in the business | discrete | character | Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1) |
| V497 | otherworkers_2 | Hours in total household members apart from resp. worked in business last week | discrete | character | How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V498 | otherworkers_3 | Number of hours in total apprentices worked in the business | discrete | character | How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3) |
| V499 | otherworkers_4 | Number of hours in total non-household paid employees worked in the business | discrete | character | How many hours in total did non-household paid employees work in the business? |
| V500 | business_11 | Number of days business was not operating in January 2009 | discrete | character | For how many days was your business NOT operating in January 2009? (do not include days normally not open) (business_11) |
| V501 | business_12a | Number of days business was closed because respondent was ill | contin | numeric | For how many days was the business closed because you were ill? (business_12a) |
| V502 | business_12b | Number of days business was closed because someone else was ill | contin | numeric | For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b) |
| V503 | business_12c | Number of days business was closed because of other family or community events | discrete | character | For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c) |
| V504 | expenses_stopwatch |  | discrete | character |  |
| V505 | income_3a | Purchase of raw materials and items for resale Monthly expenses for Jan 2009 | discrete | character | Purchase of raw materials and items for resale: (income_3a) |
| V506 | income_3b | Purchase of electricity, water, gas and fuel Monthly expenses for Jan 2009 | contin | numeric | Purchase of electricity, water, gas and fuel: (income_3b) |
| V507 | income_3c | Payments to employees and apprentices - Monthly expenses for Jan 2009 | discrete | character | Payments to employees and apprentices: (income_3c) |
| V508 | income_3d | Expenditure on telephone and cellphone airtime Monthly expenses for Jan 2009 | contin | numeric | Expenditure on telephone and cellphone airtime: (income_3d) |
| V509 | income_3e | Maintenance, repair, and transportation - Monthly expenses for Jan 2009 | contin | numeric | Maintenance, repair, and transportation: (income_3e) |
| V510 | income_3f | Rent of machinery and equipment - Monthly expenses for Jan 2009 | contin | numeric | Rent of machinery and equipment: (income_3f) |
| V511 | income_3g | Interest paid on loans (in GHc, not percentage terms) - Monthly exp. for Jan 2009 | discrete | character | Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g) |
| V512 | income_3h | Gifts, tips and bribes given to government officials Monthly exp. for Jan 2009 | discrete | character | Gifts, tips and bribes given to government officials: (income_3h) |
| V513 | income_3i | Sum of total monthly expenses | discrete | character | Automatically sum the total monthly expenses (income_3i) |
| V514 | income_3j | Verification: Sum of the expenses just listed for last month was accurate | discrete | character | The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V515 | income_3k | Estimate of total of expenses for the last month | discrete | character | What do you estimate to be the total of these expenses for the last month? (income_3k) |
| V516 | sales_stopwatch |  | discrete | character |  |
| V517 | income_2a | Total monthly sales of the business (Incl. sales of services) GHc- January 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For January 2009 (GHc) (income_2a) |
| V518 | income_2b | Total monthly sales of the business (Incl. sales of services) GHc- December 2008 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For December 2008 (GHc) (income_2b) |
| V519 | income_2c | Total monthly sales of the business (Incl. sales of services) GHc- November 2008 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For November 2009 (GHc) (income_2c) |
| V520 | sales_1 | Verification: Substantial percentage change in sales is correct | discrete | character | You said sales for January 2009 were $X$, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1) |
| V521 | sales_2 | September/October 2008 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? September/October 2008 |
| V522 | sales_3 | January 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? January 2009 |
| V523 | product_stopwatch |  | discrete | character |  |
| V524 | product_1 | Most important product or service sold still same as in Round 1 | discrete | character | In the last survey, you told us that the most important product or service you sold was [ x ]. Is this still your most important product or service? (product_1) |
| V525 | repeatifblank | Repeat if blank. | discrete | numeric |  |
| V526 | income_7a | Name of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a) |
| V527 | income_7b | Sale price per unit (GHC) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_7b) |
| V528 | income_7c | Cost of raw materials for one unit (GHc) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: <br> Cost of raw materials for one unit (GHc): (income_7c) |
| V529 | income_7d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_7d) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V530 | income_7e | Verification: Correct that product is sold for the same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e) |
| V531 | income_7f | Verification: Correct that materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_7f) |
| V532 | income_7g | Units sold in the last month of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: <br> Units sold in the last month: (income_7g) |
| V533 | income_7h | Share of most important product or service in total sales (\%) | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE: <br> Share of this product in total sales (\%): (income_7h) |
| V534 | prices_1 | Verification whether sale price for main product changed substantially | discrete | character |  |
| V535 | prices_2 | Correct price for main product (GHc) September/October 2008 | discrete | character |  |
| V536 | prices_3 | Correct price for main product (GHC) - January 2009 | discrete | character |  |
| V537 | product_2 | Started manufacturing/selling new product/offering new service in last 3 months | discrete | character |  |
| V538 | product_3 | Type/Name of new product(s) or service(s) | discrete | character |  |
| V539 | product_4 | Percentage of total sales made by the new product(s) or service(s) | contin | numeric |  |
| V540 | income_stopwatch |  | discrete | character |  |
| V541 | income_4a | Question on profits answered? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | After paying all expenses, what was the income of the business (the profits) during January 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a) |
| V542 | income_4b | Profit during January 2009 | contin | numeric | After paying all expenses, what was the income of the business (the profits) during January 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Profit: (income_4b) |
| V543 | income_4c | Profit range [Categories provided] | discrete | character | After paying all expenses, what was the income of the business (the profits) during January 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Was the amount: (income_4c) |
| V544 | income_4d | Proportion of profits that is typically invested into the business | contin | numeric | What proportion of this amount do you typically invest in your business (\%)? (income_4d) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V545 | income_4e | 'income_4d' included value of goods or serv. that resp. and household consumed | discrete | character | In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business? |
| V546 | income_4f | Value of goods and services that resp. and household consumed - January 2009 | discrete | character | What was the value of the goods and services that you and your household consumed from the business in January 2009? (income_4f) |
| V547 | income_5c | Correct value for sales in January 2009 | discrete | character | What is the correct value for sales in January 2009? (income_5c) |
| V548 | income_5d | Correct value for profits in January 2009 | discrete | character | What is the correct value for profits in January 2009? (income_5d) |
| V549 | income_6c | Correct value for sales in January 2009 | contin | numeric | What is the correct value for sales in January 2009? (income_6c) |
| V550 | income_6d | Correct value for profits in January 2009 | contin | numeric | What is the correct value for profits in January 2009? (income_6d) |
| V551 | profits_1 | Verification: percentage change in profits is correct if it is significant | discrete | numeric | (If significant change, PocketSurvey will prompt) You said profits for January 2009 were X, and in the last survey you told us profits for September/October 2008 were Y. Is it correct that your profits have changed this much? |
| V552 | profits_2 | September/October 2008 profits if profits_1==No | discrete | numeric | You have indicated that there was a mistake. Please enter the correct values. September/October profits |
| V553 | profits_3 | January 2009 profits if profits_1==No | discrete | numeric | You have indicated that there was a mistake. Please enter the correct values. January 2009 profits (profits_3) |
| V554 | income_12 | Money taken home from other businesses in January | discrete | character | You told me earlier that you have other businesses. How much money did you take home from these other businesses in January? Include the money you saved or gave to family and friends. (income_12) |
| V555 | income_10a | Any free goods or serv. given to non-members of resp.'s household - Jan. 2009 | discrete | character | In January 2009, did you give any free goods or services to non-members of your household? (income_10a) |
| V556 | income_10b | Approximate sale value of the goods and services given for free (GHc) | contin | numeric | What is the approximate sale value of the goods and services given for free (GHc)? (income_10b) |
| V557 | income_13a | Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V558 | income_13b | Total income made from renting land or rooms in January 2009 | discrete | numeric | In January 2009, what was your total income you made from renting land or rooms? (income_13b) |
| V559 | inventories_stopwatch |  | discrete | character |  |
| V560 | inventories_1 | Bus. holds products for sale,raw materials, products in production or spare parts | discrete | character | When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1) |
| V561 | inventories_2 | Total purchase cost of inventories (GHC) | discrete | character | What is the total purchase cost of these goods (GHc)? (inventories_2) |
| V562 | inventories_3 | Value of items on hand to sell (GHc) | discrete | character | You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3) |
| V563 | inventories_5 | Verification: change in inventories holding is correct | discrete | numeric | You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number 'Y' was looked up correctly to trigger the check, but then referenced wrongly in this question.] Is is correct that your inventories holding has changed that much? (inventories_5) |
| V564 | inventories_6 | Correct total purchase cost of inventories held at the start of business today | discrete | numeric | You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6) |
| V565 | inventories_4 | Cash currently hold for the business | discrete | character | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4) |
| V566 | cash_1 | Verification: change in cash holding is correct | discrete | character | You said that your business cash for January 2009 was [X]. In the previous survey, you told us that business cash for [September/October] was [Y]. Is it correct that your cash holding has changed this much? (cash_1) |
| V567 | cash_2 | Correct value of cash currently available | contin | numeric | You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2) |
| V568 | assets_stopwatch |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V569 | assets_1 | Add. land/buildings/furniture/machines/equip./tools/other assets since Oct/Nov | discrete | character | Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since we last interviewed you in October/November? (assets_1) |
| V570 | assets_2a | Business acquired any land or market space used by the business since Oct/Nov | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? Land or market space |
| V571 | assets_2b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Land or market space |
| V572 | assets_2c | Purchase cost of land or market space (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Land or market space |
| V573 | assets_3a | Business acquired any kiosk,shed or building used by the business since Oct/Nov | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Kiosk, shed or building |
| V574 | assets_3b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Kiosk, shed or building |
| V575 | assets_3c | Purchase cost of kiosk, shed or building (GHC) | contin | numeric | What is the purchase cost of [x]? (GHc) Kiosk, shed or building |
| V576 | assets_4a | Business acquired any furniture and display cases since Oct/Nov | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? Furniture and display cases |
| V577 | assets_4b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Furniture and display cases |
| V578 | assets_4c | Purchase cost of furniture and display cases (GHC) | contin | numeric | What is the purchase cost of [x]? (GHc) Furniture and display cases |
| V579 | assets_5a | Business acquired any machines and equipment used by the business since Oct/Nov | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Machines and equipment |
| V580 | assets_5b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Machines and equipment |
| V581 | assets_5c | Purchase cost of machines and equipment (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Machines and equipment |
| V582 | assets_6a | Business acquired any other equipment, tools and utensils since Oct/Nov | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Other equipment, tools and utensils |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V583 | assets_6b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Other equipment, tools and utensils |
| V584 | assets_6c | Purchase cost of other equipment, tools and utensils (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Other equipment, tools and utensils |
| V585 | assets_7 | Disp. of land/build./furniture/machines/equip./tools/other assets since Oct/Nov | discrete | character | Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since we last interviewed you in October/November? |
| V586 | assets_8a | Sold/returned/lost/otherwise disposed of any land or market space since Oct/Nov | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Land or market space |
| V587 | assets_8b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space |
| V588 | assets_8c | Sale price or value of land or market space (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Land or market space |
| V589 | assets_9a | Sold/returned/lost/otherwise disposed of kiosk,shed or building since Oct/Nov | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Kiosk, shed or building |
| V590 | assets_9b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building |
| V591 | assets_9c | Sale price or value of kiosk, shed or building (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Kiosk, shed or building |
| V592 | assets_10a | Sold/returned/lost/otherwise disposed of furnit. and display cases since Oct/Nov | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Furniture and display cases |
| V593 | assets_10b | Way of sale, loss or damage | discrete | numeric | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases |
| V594 | assets_10c | Sale price or value of furniture and display cases (GHc) | discrete | numeric | What is the sale price or value of [x]? (GHc) Furniture and display cases |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V595 | assets_11a | Sold/returned/lost/otherwise disposed of any machines and equip. since Oct/Nov | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Machines and equipment |
| V596 | assets_11b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment |
| V597 | assets_11c | Sale price or value of machines and equipment (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Machines and equipment |
| V598 | assets_12a | Sold/returned/lost/otherwise disp. of other equip.,tools,utensils since Oct/Nov | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Other equipment, tools and utensils |
| V599 | assets_12b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils |
| V600 | assets_12c | Sale price or value of other equipment, tools and utensils (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Other equipment, tools and utensils |
| V601 | credit_stopwatch |  | discrete | character |  |
| V602 | credit_1 | Respondent uses susu collector to deposit money | discrete | character | Do you use a susu collector to deposit money? (credit_1) |
| V603 | credit_2 | Average deposit made with the susu collector each day during January 2009 (GHC) | discrete | character | On average, how much did you deposit with the susu collector each day during January 2009 (GHc)? (credit_2) |
| V604 | credit_3 | Received a new loan from a bank since baseline survey month ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Have you received a new loan from a bank since [reference baseline survey month]? (credit_3) |
| V605 | credit_4 | Amount of the loan from bank | discrete | character | If yes, what was the amount of the loan? (credit_4) |
| V606 | credit_5 | Received a new loan from a microfinance organization since baseline survey month | discrete | character | Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since [reference baseline survey month]? (credit_5) |
| V607 | credit_6 | Amount of the loan from microfinance organization | discrete | character | If yes, what was the amount of the loan? (credit_6) |
| V608 | credit_7 | Received new loan from family/friends for business since baseline survey month | discrete | character | Have you received a new loan from family or friends for the business since [reference baseline survey month]? (credit_7) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V609 | credit_8 | Amount of the loan from family or friends | contin | numeric | If yes, what was the amount of the loan? (credit_8) |
| V610 | introduction_stopwatch_3_6 |  | discrete | character |  |
| V611 | expectations_1 | Expected sales in April (two months from now) | discrete | character | Now I am going to ask about what you think your SALES will be in April (two months from now). You said that in January your sales were X. How much do you think they will be in April? (expectations_1) |
| V612 | expectations_2a | Lowest amount sales could be for April | contin | numeric | Now, consider all the reasons why sales may be higher or lower in April. For example, you might have more or less customers than you expected, you may get sick and have to close your business for a few days, you may have difficulty getting raw materials, it may rain a lot, etc. Thinking of such factors: What is the lowest amount you think sales could be for April? (expectations_2a) |
| V613 | expectations_2b | Highest amount sales could be for April | contin | numeric | Now, consider all the reasons why sales may be higher or lower in April. For example, you might have more or less customers than you expected, you may get sick and have to close your business for a few days, you may have difficulty getting raw materials, it may rain a lot, etc. Thinking of such factors: What is the highest amount you think sales could be for April? (expectations_2b) |
| V614 | expectations_ranges_1a | Number of beans in bin/range 1 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range. Bin 1: (expectations_ranges_1a) |
| V615 | expectations_ranges_1b | Number of beans in bin/range 2 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range. Bin 2: (expectations_ranges_1b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V616 | expectations_ranges_1c | Number of beans in bin/range 3 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range. Bin 3: (expectations_ranges_1c) |
| V617 | expectations_ranges_1d | Number of beans in bin/range 4 | contin | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range. Bin 4: (expectations_ranges_1d) |
| V618 | expectations_ranges_1e | Number of beans in bin/range 5 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range. Bin 5: (expectations_ranges_1e) |
| V619 | expectations_ranges_1f | Number of beans in bin/range 6 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range. Bin 6: (expectations_ranges_1f) |
| V620 | expectations_3 | Main products sold perishable (spoil within a month) ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Are the main products you sell perishable (spoil within a month) or not? (expectations_3) |
| V621 | expectations_4 | Frequency of purchase of inventories or raw materials | discrete | character | How often do you purchase inventories or raw materials? (expectations_4) |
| V622 | expectations_5 | Quantity of inventories or raw materials purchased at a time | contin | numeric | How much do you purchase at a time when you purchase inventories or raw materials? (expectations_5) |
| V623 | expectations_6 | Able to sell more than usually if purchased an add. GHc 100 in inventories | discrete | character | Suppose you purchased an additional 100 Ghana Cedi in inventories / inputs, that is (XXX from Q11.6+100) Would you be able to sell more than you usually do during the usual [period from Q11.5] between restocking inventories? That is, would you have enough customers to be able to sell more? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V624 | expectations_7 | Able to sell all of the additional inputs/inventory (1=Yes, 2=No) | discrete | character | (If yes or not sure): I want to ask you how much more you think you would sell during the next [period from Q11.5] if you had an additional 100 GhC in inputs / inventories. Would you be able to sell all of the additional inputs / inventory in [period from Q11.5]? (expectations_7) |
| V625 | expectations_8 | Quantity of the 100 GhC that will be certainly sold | discrete | character | Out of 100 Ghana cedi of additional inputs, what is the lowest amount you would be able to sell in [period from 6a]on top of what you usually sell? That is, how much of the 100 GhC are you certain you could sell in [period from Q11.5]? L1 (expectations_8) |
| V626 | expectations_9 | Quantity of the 100 GhC that will be certainly sold if things worked out well | contin | numeric | (If $c$ is less than 100 GhC ): Now think optimistically. If things really worked out well, how much of the 100 GhC would you sell in the next [period from Q11.5]? H1 (expectations_9) |
| V627 | expectations_ranges_2a | Number of beans in bin/range 1 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 1: (expectations_ranges_2a) |
| V628 | expectations_ranges_2b | Number of beans in bin/range 2 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 2: (expectations_ranges_2b) |
| V629 | expectations_ranges_2c | Number of beans in bin/range 3 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 3: (expectations_ranges_2c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V630 | expectations_ranges_2d | Number of beans in bin/range 4 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 4: (expectations_ranges_2d) |
| V631 | expectations_ranges_2e | Number of beans in bin/range 5 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 5: (expectations_ranges_2e) |
| V632 | expectations_ranges_2f | Number of beans in bin/range 6 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 6: (expectations_ranges_2f) |
| V633 | expectations_6_1 | Able to sell more if holding an additional 100 Cedis in inventories | discrete | character | You said that you currently have XXX GhC of inventories or inputs. Suppose you had an additional 100 Cedi in inventories / inputs, that is ( $\mathrm{XXX}+100$ ). Would your sales in the coming month increase? That is, would you have enough customers to be able to sell more? (expectations_6_1) |
| V634 | expectations_7_1 | Able to sell all of the additional inputs/inventory in one month | discrete | character | You said that you currently have XXX GhC of inventories or inputs. Suppose you had an additional 100 Cedi in inventories / inputs, that is (XXX+100). Would you be able to sell all of the additional inputs / inventory in one month? <br> (expectations_7_1) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V635 | expectations_8_1 | Amount of the 100 GhC certainly sold in one month | discrete | character | Out of 100 Ghana cedi of additional inputs, what is the lowest amount you would be able to sell in one month on top of what you usually sell? That is, how much of the 100 GhC are you certain you could sell in one month? L1 <br> (expectations_8_1) |
| V636 | expectations_9_1 | Quantity of the 100 GhC that will be certainly sold if things worked out well | contin | numeric | (If c is less than 100 GhC ): Now think optimistically. If things really worked out well, how much of the 100 GhC would you sell in the next month? H1 (expectations_9_1) |
| V637 | expectations_ranges_2a_1 | Number of beans in bin/range 1 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 1: <br> (expectations_ranges_2a_1) |
| V638 | expectations_ranges_2b_1 | Number of beans in bin/range 2 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 2: <br> (expectations_ranges_2b_1) |
| V639 | expectations_ranges_2c_1 | Number of beans in bin/range 3 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 3: <br> (expectations_ranges_2c_1) |
| V640 | expectations_ranges_2d_1 | Number of beans in bin/range 4 | contin | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 4: <br> (expectations_ranges_2d_1) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V641 | expectations_ranges_2e_1 | Number of beans in bin/range 5 | contin | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 5: <br> (expectations_ranges_2e_1) |
| V642 | expectations_ranges_2f_1 | Number of beans in bin/range 6 | discrete | numeric | I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur. Bin 6: <br> (expectations_ranges_2f_1) |
| V643 | expectations_10 | Resp. understood concept of likelihood of change in questions on expectations | discrete | character | For enumerator to record: Did the respondent understand the concept of likelihood of change in these questions on expectations? (expectations_10) |
| V644 | networks_stopwatch |  | discrete | character |  |
| V645 | networks_1 | Years living in the neighborhood | discrete | character | For how long have you been living in this neighborhood? $\qquad$ years (networks_1) |
| V646 | networks_2 | Number of relatives living in this neighborhood | discrete | character | Apart from the members of your household, how many relatives of yours live in this neighborhood? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] [Interviewer: note relatives includes in-laws, and should include anyone considered a relative by the respondent] (networks_2) |
| V647 | networks_3 | Number of relatives holding positions of authority in the community | discrete | character | [If not zero] How many of them hold positions of authority in the community (e.g. chief, religious leader, local government, community organization)? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] (networks_3) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V648 | networks_4 | Number of people from neighborhood resp. chats with about the day events | contin | numeric | Apart from the members of your household, with how many people from your neighborhood do you chat about the day events? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] (networks_4) |
| V649 | networks_5 | Number of people in networks_4 holding positions of authority in the community | discrete | character | [If not zero] How many of them hold positions of authority in the community (e.g. chief, religious leader, local government, community organization)? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] (networks_5) |
| V650 | introduction_stopwatch_3_8 |  | discrete | character |  |
| V651 | norms_1a | Occupation: Construction socially accepted for women | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V652 | norms_1b | Occupation: Construction socially accepted for men | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V653 | norms_2a | Occupation: Chop shop socially accepted for women | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V654 | norms_2b | Occupation: Chop shop socially accepted for men | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V655 | norms_3a | Occupation: Sewing socially accepted for women | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V656 | norms_3b | Occupation: Sewing socially accepted for men | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V657 | norms_4a | Occupation: Street vendor of food socially accepted for women | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V658 | norms_4b | Occupation: Street vendor of food socially accepted for men | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V659 | norms_5a | Occupation: Hair and beauty shop socially accepted for women | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V660 | norms_5b | Occupation: Hair and beauty shop socially accepted for men | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V661 | norms_6a | Occupation: Market trader socially accepted for women | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V662 | norms_6b | Occupation: Market trader socially accepted for men | discrete | character | Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in? |
| V663 | norms_7 | Whenever resp. has money on hand, spouse/other family members request some of it | discrete | character | How strongly do you agree or disagree with the following statements: Whenever I have money on hand, my spouse or other family members always end up requesting some of it. (norms_7) |
| V664 | norms_8 | People doing well in bus. are likely to receive add. requests from fam./friends | discrete | character | How strongly do you agree or disagree with the following statements: People who do well in their business here are likely to receive additional requests from family and friends for money to help out with some expense or another. (norms_8) |
| V665 | norms_9 | Mach./equip. held in bus. are a good way of saving money so others don't take it | discrete | character | How strongly do you agree or disagree with the following statements: Machines and equipment held in my business are a good way of saving money so that others don't take it. (norms_9) |
| V666 | norms_10 | Male bus. owners are more likely to be granted a loan from a bank than female | discrete | character | How strongly do you agree or disagree with the following statements: Male business owners are more likely to be granted a loan from a bank than female business owners. (norms_10) |
| V667 | norms_11 | In my industry, customers prefer to deal with male-run businesses than female | discrete | character | How strongly do you agree or disagree with the following statements: In my industry, customers prefer to deal with male-run businesses than female-run businesses. (norms_11) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V668 | norms_12 | Importance of business income for household income | discrete | character | How strongly do you agree or disagree with the following statements: Without the income earned in my business, my household would have a hard time having enough money to buy food. (norms_12) |
| V669 | norms_13 | Major reason for doing this type of business: get out of home and chat w friends | discrete | character | How strongly do you agree or disagree with the following statements: The chance to get out of the home and talk with friends while working is one of the most important reasons for doing this type of business. (norms_13) |
| V670 | introduction_stopwatch_3_9 |  | discrete | character |  |
| V671 | household_2a | Last WEEK'S household expenditure on: Food and drink for home consumption | discrete | character | Last week: How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHC)? (household_2a) |
| V672 | household_2b | Last WEEK'S household expenditure on: Food and drink consumed outside the home | contin | numeric | Last week: How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b) |
| V673 | household_3a | Last MONTH's household expenditures on: Housing | discrete | character | How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a) |
| V674 | household_3b | Last MONTH's household expenditures on: Fuel and Light | discrete | character | How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b) |
| V675 | household_3c | Last MONTH's household expenditures on: Non-durable household goods | discrete | character | How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c) |
| V676 | household_3d | Last MONTH's household expenditures on: Communication | discrete | character | How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal) |
| V677 | household_3e | Last MONTH's household expenditures on: Recreation and entertainment | discrete | character | How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery) |
| V678 | household_3f | Last MONTH's household expenditures on: Transport | contin | numeric | How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V679 | household_3g | Last MONTH's household expenditures on: Household services | contin | numeric | How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g) |
| V680 | household_3h | Last MONTH's household expenditures on: Personal care services | discrete | character | How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h) |
| V681 | household_3i | Last MONTH's household expenditures on: Contributions to associations | contin | numeric | How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i) |
| V682 | household_4a | Over past THREE MONTHS household expenditures on: Clothing and textiles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a) |
| V683 | household_4b | Over past THREE MONTHS household expenditures on: Footwear | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b) |
| V684 | household_4c | Over past THREE MONTHS household expenditures on: Funerals,weddings,ceremonies | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c) |
| V685 | household_4d | Over past THREE MONTHS household expenditures on: Electronic goods | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d) |
| V686 | household_4e | Over past THREE MONTHS household expenditures on: Household furnishings | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e) |
| V687 | household_4f | Over past THREE MONTHS household expenditures on: Household appliances | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f) |
| V688 | household_4g | Over past THREE MONTHS household expenditures on: Vehicles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)? (household_4g) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V689 | household_4h | Over past THREE MONTHS household expenditures on: Health expenses | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h) |
| V690 | household_4i | Over past THREE MONTHS household expenditures on: Education | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i) |
| V691 | introduction_stopwatch_3_10 |  | discrete | character |  |
| V692 | introduction_stopwatch_3_11 |  | discrete | character |  |
| V693 | impressions_0 | Respondent has been told yet about lottery | discrete | character | Has the respondent been told yet about the lottery? (impressions_0) |
| V694 | impressions_1 | Person(s) other than the enterprise owner present during the interview | discrete | character | Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist) |
| V695 | impressions_2 | Interviewer's impression of how well the respondent understood the questions | discrete | character | What is your impression of how well the respondent understood the questions being asked? (impressions_2) |
| V696 | impressions_3 | Interviewer's impression of seriousness with which the resp. answered questions | discrete | character | What is your impression of the seriousness with which the respondent answered questions? (impressions_3) |
| V697 | impressions_4 | Interviewer's impression of preciseness with which questions were answered | discrete | character | What is your overall impression of the preciseness with which questions were answered? (impressions_4) |
| V698 | impressions_5 | Most difficult or troubling sections for the respondent | discrete | character | Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark) |
| V699 | impressions_6 | Most difficult or troubling sections for the interviewer | discrete | character | Which sections were most difficult or troubling for you? (impressions_6) (ticklist) |
| V700 | impressions_7 | Sections that interested the respondents the most | discrete | character | Which sections interested the respondents the most? (impressions_7) (ticklist) |
| V701 | impressions_8 | Most difficult or troubling questions for the respondent | discrete | character | Which questions were most difficult or troubling for the respondent? (impressions_8) |
| V702 | impressions_9 | Most difficult or troubling questions for the interviewer | discrete | character | Which questions were most difficult or troubling for you? (impressions_9) |
| V703 | impressions_10 | Questions that interested the respondents the most | discrete | character | Which questions interested the respondents the most? (impressions_10) |
| V704 | SingleMultipleMerge |  | discrete | numeric |  |
| V705 | introduction_9 | Working in the same line of business as last October/November ( $1=$ Yes, $2=$ No) | discrete | character |  |
| V706 | tracking_r2intdate | R2 Int Date | discrete | character |  |
| V707 | tracking_r2int | R2 Int | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :--- | :--- | :--- | :--- | :--- | :--- |
| V708 | tracking_attrition | Attrition | discrete | numeric |  |
| V709 | tracking_explanationcomments | Explanation/Comments | discrete | character |  |
| V710 | tracking_refusal | Refusal | discrete | numeric |  |
| V711 | tracking_notselfemployed | to interview) | discrete | numeric |  |
| V712 | tracking_ineligibleatbaseline | Ineligible (at baseline) | discrete | numeric |  |

## GhanaRound3Single_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 3" |
| :--- | :--- |
| Cases | 859 |
| Variable(s) | 300 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V713 | SHENO | Firm identification number | discrete | character |  |
| V714 | questionnumber | Question Number | discrete | numeric |  |
| V715 | instance | Instance | discrete | numeric |  |
| V716 | questionheading | Question heading | discrete | numeric |  |
| V717 | answer | Answer | discrete | numeric |  |
| V718 | baselinemonth | BaselineMonth | discrete | character |  |
| V719 | baselinemonthlessone | BaselineMonthLessOne | discrete | character |  |
| V720 | questionnaire_starttime | Start time of interview | discrete | character |  |
| V721 | questionnaire_date | Date of interview | discrete | character |  |
| V722 | introduction_stopwatch |  | discrete | character |  |
| V723 | introduction_1 | Interviewer was able to find the owner ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Interviewer: Were you able to find the owner? (introduction_1) |
| V724 | introduction_2 | Owner agreed to be interviewed again ( $1=\mathrm{Yes}$, $2=$ No) | discrete | character | Interviewer: Did the owner agree to be interviewed again? (introduction_2) |
| V725 | attrition_2 | Owner still operates the business | discrete | character | Does the owner still operate the business? (attrition_2) |
| V726 | attrition_3 | Business still seems to be operating in the same location as before | discrete | character | Does the business still seem to be operating in the same location as before? (attrition_3) |
| V727 | introduction_3 | Place of interview | discrete | character | Where is the interview taking place? (introduction_3) |
| V728 | introduction_4 | Household is living in at same address as in previous round ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4) |
| V729 | introduction_6 | Respondent still owns and operates a business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you still own and operate a business? (introduction_6) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V730 | introduction_7 | Respondent is still working in the same location as in Feb. 2009 ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Are you still working in the same location as you were working in when we interviewed you in February? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7) |
| V731 | introduction_9 | Working in the same line of business as last February ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Are you working in the same line of business as when we interviewed you last February? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9) |
| V732 | introduction_10 | What happened to the business previously ran? | discrete | character | What happened to the business you previously ran? (introduction_10) |
| V733 | introduction_11 | Main activity now | discrete | character | What is your main activity now? (introduction_11) (specify) $\qquad$ |
| V734 | introduction_12 | New line of business activity | discrete | character | You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12) |
| V735 | introduction_13 | Verification: Really a new line of business | discrete | character | Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction 13) |
| V736 | balance_8a | Respondent owns the land or market space used by the business ( $1=y e s, 2=n o$ ) | discrete | character | Do you currently own the land or market space used by the business? (balance_8a) |
| V737 | balance_8b | Year when land or market space was purchased | discrete | character | In what year did you purchase the land or market space? (balance_8b) |
| V738 | balance_8c | Resale value (today) of land and market space (GHC) | discrete | numeric | How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |
| V739 | balance_9a | Business has any kiosk/shed/building ( $1=y$ yes, $2=n$ ) | discrete | character | Does your business currently have any kiosk/shed/building? (balance_9a) |
| V740 | balance_9b | Ownership of the kiosk/shed/building | discrete | character | Ownership of the kiosk/shed/building: (balance_9b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V741 | balance_9c | Replacement value of kiosk/shed/building (GHC) | contin | numeric | If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c) |
| V742 | balance_10a | Business has any furniture or display cases ( $1=$ Yes, $2=\mathrm{No} \text { ) }$ | discrete | character | Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a) |
| V743 | balance_10b | Number of different types of furniture or display cases | discrete | numeric | How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b) |
| V744 | balance_10c | Ownership of FIRST furniture or display cases | discrete | character | FIRST FURNITURE or DISPLAY CASES: <br> Ownership (balance_10c) |
| V745 | balance_10d | Replacement value of FIRST furniture or display cases (GHC) | discrete | numeric | FIRST FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V746 | balance_10e | Ownership of SECOND furniture or display cases | discrete | character | SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e) |
| V747 | balance_10f | Replacement value of SECOND furniture or display cases (GHc) | discrete | numeric | SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V748 | balance_10g | Ownership of THIRD furniture or display cases | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g) |
| V749 | balance_10 | Replacement value of THIRD furniture or display cases (GHc) | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V750 | balance_10i | Ownership of FOURTH furniture or display cases | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i) |
| V751 | balance_10j | Replacement value of FOURTH furniture or display cases (GHc) | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V752 | balance_11a | Business has any machines or equipment? ( $1=\mathrm{Yes}$, $2=\mathrm{No}$ ) | discrete | character | Does your business currently have any MACHINES or EQUIPMENT? (balance_11a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V753 | balance_11b | Number of different types of machine/equipment | discrete | numeric | How many different types of MACHINERY AND EQUIPMENT does your business have? <br> [Allow up to 4] (balance_11b) |
| V754 | balance_11c | Ownership of FIRST machine/equipment (options: owned, rented, borrowed) | discrete | character | FIRST <br> MACHINE/EQUIPMENT: <br> Ownership <br> (balance_11c) |
| V755 | balance_11d | Replacement value of FIRST machine/equipment (GHc) | contin | numeric | FIRST <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11d) |
| V756 | balance_11e | Ownership of SECOND machine/equipment (options: owned, rented, borrowed) | discrete | character | SECOND <br> MACHINE/EQUIPMENT: <br> Ownership <br> (balance_11e) |
| V757 | balance_11f | Replacement value of SECOND machine/equipment (GHc) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHC)? (balance 11f) |
| V758 | balance_11g | Ownership of machine/equipment (options: owned, rented, borrowed) | discrete | character | THIRD <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11g) |
| V759 | balance_11h | Replacement value of THIRD machine/equipment (GHC) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11h) |
| V760 | balance_11i | Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> Ownership <br> (balance_11i) |
| V761 | balance_11j | Replacement value of FOURTH machine/equipment (GHC) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHC)? (balance_11j) |
| V762 | balance_12a | Business currently has any other equipment, tools, and utensils ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Does your business currently have any other tools and utensils (including vehicles)? (balance_12a) |
| V763 | balance_12b | Number of different types of other equipment, tools or utensils | discrete | numeric | If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b) |
| V764 | balance_12c | Ownership of FIRST other equipment, tools or utensils | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V765 | balance_12d | Replacement cost of FIRST other equipment, tools or utensils (GHc) | contin | numeric | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost ( GHc ) ? (balance_12d) |
| V766 | balance_12e | Ownership of SECOND other equipment, tools or utensils | discrete | numeric | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e) |
| V767 | balance_12f | Replacement cost of SECOND other equipment, tools or utensils (GHc) | discrete | numeric | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f) |
| V768 | balance_12g | Ownership of THIRD other equipment, tools or utensils | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g) |
| V769 | balance_12h | Replacement cost of THIRD other equipment, tools or utensils (GHc) | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost ( GHc ) ? (balance_12h) |
| V770 | balance_12i | Ownership of FOURTH other equipment, tools or utensils | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i) |
| V771 | balance_12j | Replacement cost of FOURTH other equipment, tools or utensils (GHc) | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12j) |
| V772 | balance_13a | Automatic sum of assets, excluding land, buildings and market space | contin | numeric | PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space. |
| V773 | balance_13b | Verification: accuracy of 'balance_13a' | discrete | character | The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b) |
| V774 | balance_13c | What has been missed or double-counted? | discrete | numeric | What have we missed or double-counted? (balance_13c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V775 | balance_13d | Estimate:total replacement cost of assets(excl. land, buildings or market space) | discrete | numeric | What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d) |
| V776 | balance_14a | Bus. holds products for sale,raw materials,products in production or spare parts | discrete | character | When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a) |
| V777 | balance_14b | Total purchase cost of stocks and inventories (GHc) | contin | numeric | What is the total purchase cost of these goods (GHc)? (balance_14b) |
| V778 | balance_14c | Value of items on hand to sell (GHc) | discrete | numeric | You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c) |
| V779 | balance_14d | Cash for business (Includes cash held at home, at the bank or with a susu) | contin | numeric | How much cash do you currently have for your business? <br> (Include cash held at home, at the bank or with a susu.) (balance_14d) |
| V780 | hours_stopwatch |  | discrete | character |  |
| V781 | business_6a | Days spent working in the business - LAST week | discrete | numeric | How many hours a week do you personally spend working in the business? Days worked |
| V782 | business_6b | Hours spent working in the business per day - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Hours per day |
| V783 | business_6c | Total hours spent working in the business - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Total hours (Number of days * Hours per day) |
| V784 | business_8a | Days spent working full effort in the business - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Days worked |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V785 | business_8b | Hours of full effort per day - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Hours of full effort per day |
| V786 | business_8c | Total hours of full effort - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Total hours (Number of days * Hours per day) |
| V787 | otherworkers_1 | Apart from respondent, any other unpaid or paid workers in the business | discrete | character | Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1) |
| V788 | otherworkers_2 | Hours in total household members apart from resp. worked in business last week | discrete | character | How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2) |
| V789 | otherworkers_3 | Number of hours in total apprentices worked in the business | discrete | character | How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3) |
| V790 | otherworkers_4 | Number of hours in total non-household paid employees worked in the business | discrete | character | How many hours in total did non-household paid employees work in the business? |
| V791 | business_11 | Number of days business was not operating in April 2009 | discrete | character | For how many days was your business NOT operating in April 2009? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11) |
| V792 | business_12a | Number of days business was closed because respondent was ill | discrete | character | For how many days was the business closed because you were ill? (business_12a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V793 | business_12b | Number of days business was closed because someone else was ill | contin | numeric | For how many days was the business closed because someone else was ill (for example, family or friends)? <br> (business_12b) |
| V794 | business_12c | Number of days business was closed because of other family or community events | contin | numeric | For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c) |
| V795 | expenses_stopwatch |  | discrete | character |  |
| V796 | income_3a | Purchase of raw materials and items for resale Monthly expenses for April 2009 | contin | numeric | Purchase of raw materials and items for resale: (income_3a) |
| V797 | income_3b | Purchase of electricity, water, gas and fuel Monthly expenses for April 2009 | contin | numeric | Purchase of electricity, water, gas and fuel: (income_3b) |
| V798 | income_3c | Payments to employees and apprentices - Monthly expenses for April 2009 | discrete | character | Payments to employees and apprentices: (income_3c) |
| V799 | income_3d | Expenditure on telephone and cellphone airtime - <br> Monthly expenses for April 2009 | contin | numeric | Expenditure on telephone and cellphone airtime: (income_3d) |
| V800 | income_3e | Maintenance, repair, and transportation - Monthly expenses for April 2009 | contin | numeric | Maintenance, repair, and transportation: (income_3e) |
| V801 | income_3f | Rent of machinery and equipment - Monthly expenses for April 2009 | contin | numeric | Rent of machinery and equipment: (income 3f) |
| V802 | income_3g | Interest paid on loans (in GHc, not percentage terms) - Monthly exp. for Apr. 2009 | contin | numeric | Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g) |
| V803 | income_3h | Gifts, tips and bribes given to government officials Monthly exp. for Apr. 2009 | contin | numeric | Gifts, tips and bribes given to government officials: (income_3h) |
| V804 | income_3i | Sum of total monthly expenses | discrete | character | Automatically sum the total monthly expenses (income_3i) |
| V805 | income_3j | Verification: Sum of the expenses just listed for last month was accurate | discrete | character | The sum of the expenses you just listed for the last month was \{Total Monthly Expenses $\}$ GHc. Does this seem accurate? (income_3j) |
| V806 | income_3k | Estimate of total of expenses for the last month | contin | numeric | What do you estimate to be the total of these expenses for the last month? (income_3k) |
| V807 | sales_stopwatch |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V808 | income_2a | Total monthly sales of the business (Incl. sales of services) GHc- April 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For January 2009 (GHc) (income_2a) |
| V809 | income_2b | Total monthly sales of the business (Incl. sales of services) GHc- March 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For March 2009 (GHc) (income_2b) |
| V810 | income_2c | Total monthly sales of the business (Incl. sales of services) GHc- February 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For February 2009 (GHc) (income_2c) |
| V811 | percentage_sales |  | contin | numeric |  |
| V812 | neg_percentage_sales |  | contin | numeric |  |
| V813 | change_sales_sq |  | discrete | character |  |
| V814 | sales_1 | Verification: Substantial percentage change in sales is correct | discrete | character | You said sales for April 2009 were X, and in the last survey you told us sales for January 2009 were Y. Is it correct that your sales have changed this much? (sales_1) |
| V815 | sales_2 | January 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? January 2009 |
| V816 | sales_3 | April 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? April 2009 |
| V817 | product_stopwatch |  | discrete | character |  |
| V818 | product_1 | Most important product or service sold still same as in Round 2 | discrete | character | In the last survey, you told us that the most important product or service you sold was [x]. Is this still your most important product or service? (product_1) |
| V819 | repeatifblank | Repeat if blank. | discrete | numeric |  |
| V820 | income_7a | Name of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a) |
| V821 | income_7b | Sale price per unit (GHC) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_7b) |
| V822 | income_7c | Cost of raw materials for one unit (GHc) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V823 | income_7d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_7d) |
| V824 | income_7e | Verification: Correct that product is sold for the same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e) |
| V825 | income_7f | Verification: Correct that materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_7f) |
| V826 | income_7g | Units sold in the last month of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g) |
| V827 | income_7h | Share of most important product or service in total sales (\%) | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h) |
| V828 | percentage_price |  | discrete | character |  |
| V829 | neg_percentage_price |  | contin | numeric |  |
| V830 | change_price_sq |  | discrete | character |  |
| V831 | prices_1 | Verification whether sale price for main product changed substantially | discrete | character |  |
| V832 | prices_2 | Correct price for main product (GHC) - Jan/Feb 2008 | contin | numeric |  |
| V833 | prices_3 | Correct price for main product (GHc) - April 2009 | contin | numeric |  |
| V834 | product_2 | Started manufacturing/selling new product/offering new service in last 3 months | discrete | character | Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2) |
| V835 | product_3 | Type/Name of new product(s) or service(s) | discrete | character | What is/are the new product(s) or service(s)? (product_3) |
| V836 | product_4 | Percentage of total sales made by the new product(s) or service(s) | contin | numeric | What percentage of total sales do the new product(s) or service(s) make? (product_4) |
| V837 | income_stopwatch |  | discrete | character |  |
| V838 | income_4a | Question on profits answered? (1=Yes, $2=$ No) | discrete | character | After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V839 | income_4b | Profit during April 2009 | contin | numeric | After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Profit: (income_4b) |
| V840 | income_4c | Profit range [Categories provided] | discrete | character | After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Was the amount: (income_4c) |
| V841 | income_4d | Proportion of profits that is typically invested into the business | contin | numeric | What proportion of this amount do you typically invest in your business (\%)? (income_4d) |
| V842 | income_4e | 'income_4d' included value of goods or serv. that resp. and household consumed | discrete | character | In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business? |
| V843 | income_4f | Value of goods and services that resp. and household consumed - April 2009 | contin | numeric | What was the value of the goods and services that you and your household consumed from the business in April 2009? (income_4f) |
| V844 | income_5c | Correct value for sales in April 2009 | contin | numeric | What is the correct value for sales in April 2009? (income_5c) |
| V845 | income_5d | Correct value for profits in April 2009 | contin | numeric | What is the correct value for profits in April 2009? (income_5d) |
| V846 | income_6c | Correct value for sales in April 2009 | contin | numeric | What is the correct value for sales in April 2009? (income_6c) |
| V847 | income_6d | Correct value for profits in April 2009 | contin | numeric | What is the correct value for profits in April 2009? (income_6d) |
| V848 | percentage_profit |  | contin | numeric |  |
| V849 | neg_percentage_profit |  | contin | numeric |  |
| V850 | change_profit_sq |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V851 | profits_1 | Verification: percentage change in profits is correct if it is significant | discrete | character | You said that profits for April 2009 were X. In the previous survey, you told us that profits for [month] were Y. Is it correct that your profit has changed this much? |
| V852 | profits_2 | Earlier month profits if profits_1==No | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. [earlier month] 2009 profit: |
| V853 | profits_3 | April 2009 profits if profits_1==No | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. April 2009 profit |
| V854 | income_12a | Number of businesses owned | discrete | numeric | How many businesses do you own? (income_12a) [skip if only one] |
| V855 | income_12b | Money taken home from other businesses in April | contin | numeric | How much money did you take home from these other businesses in April? Include the money you saved or gave to family and friends. (income_12b) |
| V856 | income_10a | Any free goods or serv. given to non-members of resp.'s household - April 2009 | discrete | character | In April 2009, did you give any free goods or services to non-members of your household? (income_10a) |
| V857 | income_10b | Approximate sale value of the goods and services given for free (GHc) | contin | numeric | What is the approximate sale value of the goods and services given for free ( GH c )? (income_10b) |
| V858 | income_13a | Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a) |
| V859 | income_13b | Total income made from renting land or rooms in April 2009 | contin | numeric | In April 2009, what was your total income you made from renting land or rooms? (income_13b) |
| V860 | inventories_stopwatch |  | discrete | character |  |
| V861 | inventories_1 | Bus. holds products for sale,raw materials,products in production or spare parts | discrete | character | When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1) |
| V862 | inventories_2 | Total purchase cost of inventories (GHC) | contin | numeric | What is the total purchase cost of these goods (GHc)? (inventories_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V863 | inventories_3 | Value of items on hand to sell (GHc) | discrete | character | You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3) |
| V864 | percentage_inventories |  | contin | numeric |  |
| V865 | neg_percentage_inventories |  | contin | numeric |  |
| V866 | change_inventories_sq |  | discrete | character |  |
| V867 | inventories_5 | Verification: change in inventories holding is correct | discrete | character | You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number ' Y ' was looked up correctly to trigger the check, but then referenced wrongly in this question.] Is is correct that your inventories holding has changed that much? (inventories_5) |
| V868 | inventories_6 | Correct total purchase cost of inventories held at the start of business today | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6) |
| V869 | inventories_4 | Cash currently hold for the business | discrete | character | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4) |
| V870 | percentage_cash |  | contin | numeric |  |
| V871 | neg_percentage_cash |  | contin | numeric |  |
| V872 | change_cash_sq |  | discrete | character |  |
| V873 | cash_1 | Verification: change in cash holding is correct | discrete | character | You said that your business cash for January 2009 was [X]. In the previous survey, you told us that business cash for [September/October] was [Y]. Is it correct that your cash holding has changed this much? (cash_1) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V874 | cash_2 | Correct value of cash currently available | contin | numeric | You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2) |
| V875 | assets_stopwatch |  | discrete | character |  |
| V876 | assets_1 | Add. <br> land/buildings/furniture/machines/equip./tools/other assets since February | discrete | character | Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_1) |
| V877 | assets_2a | Business acquired any land or market space used by the business since February | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? <br> Land or market space |
| V878 | assets_2b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Land or market space |
| V879 | assets_2c | Purchase cost of land or market space (GHc) | discrete | character | What is the purchase cost of [x]? (GHc) Land or market space |
| V880 | assets_3a | Business acquired any kiosk,shed or building used by the business since February | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Kiosk, shed or building |
| V881 | assets_3b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Kiosk, shed or building |
| V882 | assets_3c | Purchase cost of kiosk, shed or building (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Kiosk, shed or building |
| V883 | assets_4a | Business acquired any furniture and display cases since February | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Furniture and display cases |
| V884 | assets_4b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Furniture and display cases |
| V885 | assets_4c | Purchase cost of furniture and display cases (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Furniture and display cases |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V886 | assets_5a | Business acquired any machines and equipment used by the business since February | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? <br> Machines and equipment |
| V887 | assets_5b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Machines and equipment |
| V888 | assets_5c | Purchase cost of machines and equipment (GHC) | contin | numeric | What is the purchase cost of [x]? (GHC) Machines and equipment |
| V889 | assets_6a | Business acquired any other equipment, tools and utensils since February | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Other equipment, tools and utensils |
| V890 | assets_6b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Other equipment, tools and utensils |
| V891 | assets_6c | Purchase cost of other equipment, tools and utensils (GHC) | contin | numeric | What is the purchase cost of [x]? (GHC) Other equipment, tools and utensils |
| V892 | assets_7 | Disp. of land/build./furniture/machines/equip./tools/other assets since February | discrete | character | Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_7) |
| V893 | assets_8a | Sold/returned/lost/otherwise disposed of any land or market space since February | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] <br> Land or market space |
| V894 | assets_8b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space |
| V895 | assets_8c | Sale price or value of land or market space (GHC) | contin | numeric | What is the sale price or value of [x]? (GHC) Land or market space |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V896 | assets_9a | Sold/returned/lost/otherwise disposed of kiosk,shed or building since February | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any $[X]$ used by the business since [the earlier interview?] Kiosk, shed or building |
| V897 | assets_9b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building |
| V898 | assets_9c | Sale price or value of kiosk, shed or building (GHC) | discrete | numeric | What is the sale price or value of [x]? (GHc) Kiosk, shed or building |
| V899 | assets_10a | Sold/returned/lost/otherwise disposed of furnit. and display cases since Feb. | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any $[X]$ used by the business since [the earlier interview?] Furniture and display cases |
| V900 | assets_10b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases |
| V901 | assets_10c | Sale price or value of furniture and display cases (GHC) | contin | numeric | What is the sale price or value of [x]? (GHc) Furniture and display cases |
| V902 | assets_11a | Sold/returned/lost/otherwise disposed of any machines and equip. since February | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Machines and equipment |
| V903 | assets_11b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment |
| V904 | assets_11c | Sale price or value of machines and equipment (GHC) | contin | numeric | What is the sale price or value of [x]? (GHC) Machines and equipment |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V905 | assets_12a | Sold/returned/lost/otherwise disp. of other equip.,tools, utensils since February | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Other equipment, tools and utensils |
| V906 | assets_12b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils |
| V907 | assets_12c | Sale price or value of other equipment, tools and utensils (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Other equipment, tools and utensils |
| V908 | credit_stopwatch |  | discrete | character |  |
| V909 | credit_1 | Respondent uses susu collector to deposit money (1=Yes, 2=No) | discrete | character | Do you use a susu collector to deposit money? (credit_1) |
| V910 | credit_2 | Average deposit made with the susu collector each day during April 2009 (GHc) | contin | numeric | On average, how much did you deposit with the susu collector each day during January 2009 (GHc)? (credit_2) |
| V911 | credit_3 | Received a new loan from a bank since February (1=Yes, 2=No) | discrete | character | Have you received a new loan from a bank since [reference baseline survey month]? (credit_3) |
| V912 | credit_4 | Amount of the loan from bank | contin | numeric | If yes, what was the amount of the loan? (credit_4) |
| V913 | credit_5 | Received a new loan from a microfinance organization since February | discrete | character | Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since February? (credit_5) |
| V914 | credit_6 | Amount of the loan from microfinance organization | contin | numeric | If yes, what was the amount of the loan? (credit_6) |
| V915 | credit_7 | Received new loan from family/friends for business since February | discrete | character | Have you received a new loan from family or friends for the business since February? (credit_7) |
| V916 | credit_8 | Amount of the loan from family or friends | contin | numeric | If yes, what was the amount of the loan? (credit_8) |
| V917 | introduction_stopwatch_3_9 |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V918 | household_2a | Last WEEK'S household expenditure on: Food and drink for home consumption | contin | numeric | Last week: How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a) |
| V919 | household_2b | Last WEEK'S household expenditure on: Food and drink consumed outside the home | contin | numeric | Last week: How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b) |
| V920 | household_3a | Last MONTH's household expenditures on: Housing | contin | numeric | How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a) |
| V921 | household_3b | Last MONTH's household expenditures on: Fuel and Light | contin | numeric | How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b) |
| V922 | household_3c | Last MONTH's household expenditures on: Non-durable household goods | contin | numeric | How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c) |
| V923 | household_3d | Last MONTH's household expenditures on: Communication | contin | numeric | How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal) |
| V924 | household_3e | Last MONTH's household expenditures on: Recreation and entertainment | contin | numeric | How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery) |
| V925 | household_3f | Last MONTH's household expenditures on: Transport | contin | numeric | How much did you and your household spend last MONTH on: <br> Transport (eg train/bus, taxis, school transport fees) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V926 | household_3g | Last MONTH's household expenditures on: Household services | contin | numeric | How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g) |
| V927 | household_3h | Last MONTH's household expenditures on: Personal care services | contin | numeric | How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h) |
| V928 | household_3i | Last MONTH's household expenditures on: Contributions to associations | contin | numeric | How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i) |
| V929 | household_4a | Over past THREE MONTHS household expenditures on: Clothing and textiles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a) |
| V930 | household_4b | Over past THREE MONTHS household expenditures on: Footwear | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b) |
| V931 | household_4c | Over past THREE MONTHS household expenditures on: Funerals,weddings,ceremonies | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c) |
| V932 | household_4d | Over past THREE MONTHS household expenditures on: Electronic goods | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d) |
| V933 | household_4e | Over past THREE MONTHS household expenditures on: Household furnishings | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V934 | household_4f | Over past THREE MONTHS household expenditures on: Household appliances | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f) |
| V935 | household_4g | Over past THREE MONTHS household expenditures on: Vehicles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)? (household_4g) |
| V936 | household_4h | Over past THREE MONTHS household expenditures on: Health expenses | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h) |
| V937 | household_4i | Over past THREE MONTHS household expenditures on: Education | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHC)? (household_4i) |
| V938 | raven_1 | Raven_1 | discrete | numeric |  |
| V939 | raven_2 | Raven_2 | discrete | numeric |  |
| V940 | raven_3 | Raven_3 | discrete | numeric |  |
| V941 | raven_4 | Raven_4 | discrete | numeric |  |
| V942 | raven_5 | Raven_5 | discrete | numeric |  |
| V943 | raven_6 | Raven_6 | discrete | numeric |  |
| V944 | raven_7 | Raven_7 | discrete | numeric |  |
| V945 | raven_8 | Raven_8 | discrete | numeric |  |
| V946 | raven_9 | Raven_9 | discrete | numeric |  |
| V947 | raven_10 | Raven_10 | discrete | numeric |  |
| V948 | raven_11 | Raven_11 | discrete | numeric |  |
| V949 | raven_12 | Raven_12 | discrete | numeric |  |
| V950 | timeuse_1 | Time/Hours spent - typ. week: talking with customers | discrete | character | In a typical week, how many hours would you spent: Talking with customers? |
| V951 | timeuse_2 | Time/Hours spent - typ. week: talking with suppliers of goods purchased reg. | discrete | character | In a typical week, how many hours would you spent: Talking with suppliers of goods that you purchase regularly? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V952 | timeuse_3 | Time/Hours spent - typ. week: talking with suppl. of goods purchased less freq. | discrete | character | In a typical week, how many hours would you spent: Talking with suppliers of equipment or other goods purchased less frequent? |
| V953 | timeuse_4 | Time/Hours spent - typ. week: directing employees to perform tasks | discrete | character | In a typical week, how many hours would you spent: Directing employees to perform tasks? |
| V954 | timeuse_5 | Time/Hours spent - typ. week: dealing with production issues | discrete | character | In a typical week, how many hours would you spent: Dealing with production issues, including the breakdown of machinery? |
| V955 | timeuse_6 | Time/Hours spent - typ. week: talking w. inspect./regulat./other gov. officials | discrete | character | In a typical week, how many hours would you spent: Talking with inspectors, regulators or other government officials? |
| V956 | timeuse_7 | Time/Hours spent - typ. week: researching new products or pot. product offerings | discrete | character | In a typical week, how many hours would you spent: Researching new products or potential product offerings? |
| V957 | timeuse_8 | Time/Hours spent - typ. week: talking with competitors | discrete | character | In a typical week, how many hours would you spent: Talking with competitors? |
| V958 | timeuse_9 | Time/Hours spent - typical week: observing competitors' businesses | discrete | character | In a typical week, how many hours would you spent: Observing competitors' businesses? |
| V959 | trust_1 | MAIN reason why some businesses fail or have to close down | discrete | character | Now I want you to think about different reasons why a small business like yours may fail. Which of these best describes the MAIN reason you think some businesses fail or have to close down? (trust_1) |
| V960 | trust_2 | (1=Most people can be trusted, $2=$ You need to be very careful) | discrete | character | Generally speaking would you say that most people can be trusted or that you need to be very careful in dealing with people? (trust_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V961 | trust_3 | Trust in neighbors | discrete | character | I'd like to ask you how much you trust people from various groups. Could you tell me for each whether you trust people from this group completely, somewhat, not very much, or not at all? Your neighbours (trust_3) |
| V962 | trust_4 | Trust in people met for the first time | discrete | character | I'd like to ask you how much you trust people from various groups. Could you tell me for each whether you trust people from this group completely, somewhat, not very much, or not at all? People you meet for the first time (trust_4) |
| V963 | trust_5 | Confidence in the press | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The press (trust_5) |
| V964 | trust_6 | Confidence in the police | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The police (trust_6) |
| V965 | trust_7 | Confidence in the courts | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The courts (trust_7) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V966 | trust_8 | Confidence in the national government | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The national government (trust_8) |
| V967 | trust_9 | Confidence in the district assemblies | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The district assemblies (district/metropolitan) (trust_9) |
| V968 | trust_10 | Confidence in the municipal council or urban council | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The municipal council or urban council (trust_10) |
| V969 | trust_11 | Confidence in the revenue collection agencies (IRS, VAT office, etc.) | discrete | character | I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? Revenue collection agencies (IRS, VAT office, etc.) (trust_11) |
| V970 | treatmenttype | TreatmentType | discrete | character |  |
| V971 | treatment_a_1a | Added some of own money to the gift ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_1a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V972 | treatment_a_1b | Amount added | discrete | character | How much your own money did you add? (treatment_a_1b) |
| V973 | treatment_a_2 | Items bought with cash received | discrete | character | What did you buy with the cash that you received? (treatment_a_2) |
| V974 | treatment_a_3 | Amount of cash received spent on business materials and inventories | discrete | character | Of the cash that you received, how much did you spend on Business materials and inventories? |
| V975 | treatment_a_4 | Amount of cash received spent on business equipment | contin | numeric | Of the cash that you received, how much did you spend on Business equipment? |
| V976 | treatment_a_5 | Amount of cash received spent on repayment of business loans | contin | numeric | Of the cash that you received, how much did you spend on Repayment of business loans? |
| V977 | treatment_a_6 | Amount of cash received spent on other business expenses | contin | numeric | Of the cash that you received, how much did you spend on Other business expenses? |
| V978 | treatment_a_7 | Amount of cash received spent on household food | contin | numeric | Of the cash that you received, how much did you spend on Household food? |
| V979 | treatment_a_8 | Amount of cash received spent on household durable assets | contin | numeric | Of the cash that you received, how much did you spend on Household durable assets? |
| V980 | treatment_a_9 | Amount of cash received spent on personal clothing | contin | numeric | Of the cash that you received, how much did you spend on Personal clothing? |
| V981 | treatment_a_10 | Amount of cash received spent on gifts to others | contin | numeric | Of the cash that you received, how much did you spend on Gifts to others? |
| V982 | treatment_a_11 | Amount of cash received spent on school supplies and school fees | contin | numeric | Of the cash that you received, how much did you spend on School supplies and school fees? |
| V983 | treatment_a_12 | Amount of cash received spent on any other household business | contin | numeric | Of the cash that you received, how much did you spend on Any other household business? |
| V984 | treatment_a_13 | Amount of cash received that was saved | contin | numeric | Of the cash that you received, how much did you save? (treatment_a_13) |
| V985 | treatmentsum1 | TreatmentSum1 | discrete | character |  |
| V986 | treatmentdiff1 | TreatmentDiff1 | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V987 | treatment_a_14 | Verification: total sum spent on other items correct | discrete | character | You have listed a total of [sum] GHc. This means that you spent [150 - sum] on OTHER items. Is this correct? (treatment_a_14) |
| V988 | treatment_a_15 | Amount of materials and inventories sold | contin | numeric | You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15) |
| V989 | treatment_a_16 | Amount of materials and inventories lost to spoilage, waste or theft | contin | numeric | How much of this have you lost to spoilage, waste or theft (GHc)? (treatment a 16) |
| V990 | treatment_a_17a | Amount of the gift spent on things just for respondent | discrete | character | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for you? |
| V991 | treatment_a_17b | Amount of the gift spent on things just for respondent's spouse | contin | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your spouse? |
| V992 | treatment_a_17c | Amount of the gift spent on things just for respondent's children | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your children? |
| V993 | treatment_a_17d | Amount of the gift spent on things just for resp. and his/her family jointly | contin | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things for you and your family jointly? |
| V994 | treatment_a_17e | Amount spent on things for people other than resp./his/her spouse/childr. | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things for people other than you, your spouse or children? |
| V995 | treatment_b_1 | Received any equipment | discrete | character | Did you receive any EQUIPMENT? <br> (treatment_b_1) |
| V996 | treatment_b_2 | Amount of equipment received that has been sold | discrete | character | How much of the EQUIPMENT that you received have you sold (GHc)? <br> (treatment_b_2) |
| V997 | treatment_b_3 | Received any inventories or materials | discrete | character | Did you receive any INVENTORIES OR MATERIALS? (treatment_b_3) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V998 | treatment_b_4 | Amount of inventories or materials received that has been sold | discrete | character | How much of the INVENTORIES AND MATERIALS that you have received have you sold (GHc)? (treatment_b_4) |
| V999 | treatment_b_5 | Purchased NEW INVENT./MATERIALS since receiving gift vs. not receiving it | discrete | character | Have you purchased NEW INVENTORIES OR MATERIALS since receiving this gift? Please compare to the amount that you would HAVE PURCHASED if you had NOT received the gift. (treatment_b_5) |
| V1000 | v309 | Repeat if blank. | discrete | numeric |  |
| V1001 | introduction_stopwatch_3_11 |  | discrete | character |  |
| V1002 | impressions_1 | Person(s) other than the enterprise owner present during the interview | discrete | character | Who else other than the enterprise owner was present during the interview? <br> (impressions_1) (ticklist) |
| V1003 | impressions_2 | Interviewer's impression of how well the respondent understood the questions | discrete | character | What is your impression of how well the respondent understood the questions being asked? (impressions_2) |
| V1004 | impressions_3 | Interviewer's impression of seriousness with which the resp. answered questions | discrete | character | What is your impression of the seriousness with which the respondent answered questions? (impressions_3) |
| V1005 | impressions_4 | Interviewer's impression of preciseness with which questions were answered | discrete | character | What is your overall impression of the preciseness with which questions were answered? <br> (impressions_4) |
| V1006 | impressions_5 | Most difficult or troubling sections for the respondent | discrete | character | Which sections were most difficult or troubling for the respondent? <br> (impressions_5) (tickmark) |
| V1007 | impressions_6 | Most difficult or troubling sections for the interviewer | discrete | character | Which sections were most difficult or troubling for you? (impressions_6) (ticklist) |
| V1008 | impressions_7 | Sections that interested the respondents the most | discrete | character | Which sections interested the respondents the most? (impressions_7) (ticklist) |
| V1009 | impressions_8 | Most difficult or troubling questions for the respondent | discrete | character | Which questions were most difficult or troubling for the respondent? (impressions_8) |


| ID | Name | Label |  | Type | Format | Question |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| V1010 | impressions_9 | Most difficult or troubling questions for the <br> interviewer | discrete | character | Which questions were <br> most difficult or <br> troubling for you? <br> (impressions_9) |  |
| V1011 | impressions_10 | Questions that interested the respondents the most | discrete | character | Which questions <br> interested the <br> respondents the most? <br> (impressions_10) |  |
| V1012 | SingleMultipleMerge |  | discrete | numeric |  |  |

## GhanaRound4Multiple_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 4", section "Social Networks" |
| :--- | :--- |
| Cases | 6588 |
| Variable(s) | 13 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Lame | Typer | Question |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| V1013 | SHENO | SHENO | discrete | character |  |
| V1014 | questionnumber | Question Number | discrete | numeric |  |
| V1015 | instance | Instance | discrete | character |  |
| V1016 | questionheading | Question heading | discrete | character |  |
| V1017 | answer | Answer | discrete | numeric |  |
| V1018 | socialsheno | SocialSHENO | discrete | character |  |
| V1019 | networksloop_1 | Business knowledge of person | discrete | character | How knowledgeable about business is this <br> person? |
| V1020 | networksloop_2 | Freq. resp. talks about business <br> conditions and prospects with this <br> person | discrete | character | How frequently do you talk about <br> business conditions and prospects with <br> this person? |
| V1021 | networksloop_3 | Received a loan or gift from the <br> person over the last six months | discrete | character | Have you received a loan or gift from the <br> person over the last six months? |
| V1022 | networksloop_4 | Total value of loans or gifts received | contin | numeric | What is the total value of loans or gifts <br> that you received? |
| V1023 | networksloop_5 | Has given loan or gift to this person <br> over the last six months | discrete | character | Have you given a loan or gift to this <br> person over the last six months? |
| V1024 | networksloop_6 | Total value of loans or gifts provided | contin | numeric | What is the total value of loans or gifts <br> that you provided? |

## GhanaRound4Single_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 4" |
| :--- | :--- |
| Cases | 792 |
| Variable(s) | 411 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1026 | SHENO | Firm identification number | discrete | character |  |
| V1027 | baselinemonth | BaselineMonth | discrete | character |  |
| V1028 | baselinemonthlessone | BaselineMonthLessOne | discrete | character |  |
| V1029 | questionnaire_starttime | Start time of interview | discrete | character |  |
| V1030 | questionnaire_date | Date of interview | discrete | character |  |
| V1031 | introduction_stopwatch |  | discrete | character |  |
| V1032 | introduction_1 | Interviewer was able to find the owner ( $1=$ Yes, $2=$ No) | discrete | character | Interviewer: Were you able to find the owner? (introduction_1) |
| V1033 | introduction_2 | Owner agreed to be interviewed again ( $1=\mathrm{Yes}$, $2=\mathrm{No}$ ) | discrete | character | Interviewer: Did the owner agree to be interviewed again? (introduction_2) |
| V1034 | jumpoverattritionsection | Jump over attrition section. | discrete | numeric |  |
| V1035 | attritionmarker | AttritionMarker | discrete | numeric |  |
| V1036 | attrition_2 | Owner still operates the business | discrete | character | Does the owner still operate the business? (attrition_2) |
| V1037 | jumprepeatifblank | Jump: Repeat if blank. | discrete | numeric |  |
| V1038 | attrition_3 | Business still seems to be operating in the same location as before | discrete | character | Does the business still seem to be operating in the same location as before? (attrition_3) |
| V1039 | jumptoendsectionifsamelocation | Jump to end section if same location. | discrete | numeric |  |
| V1040 | introduction_3 | Place of interview | discrete | character | Where is the interview taking place? <br> (introduction_3) |
| V1041 | jumprepeatifblank3 | Jump: Repeat if blank (3). | discrete | numeric |  |
| V1042 | introduction_4 | Household is living at same address as in previous round ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | In the previous round, the household was recorded as living at \{household address $\}$. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4) |
| V1043 | introduction_6 | Respondent still owns and operates a business (1=Yes, 2=No) | discrete | character | Do you still own and operate a business? (introduction_6) |
| V1044 | jumprepeatifblank4 | Jump: Repeat if blank (4). | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1045 | introduction_7 | Respondent is still working in the same location as in May (1=Yes, $2=$ No) | discrete | character | Are you still working in the same location as you were working in when we interviewed you in May? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7) |
| V1046 | jumptolineofbusinessifsamelocati | Jump to line of business if same location. | discrete | numeric |  |
| V1047 | introduction_9 | Working in the same line of business as last May (1=Yes, 2=No) | discrete | character | Are you working in the same line of business as when we interviewed you last May? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9) |
| V1048 | jumptoendofsectionifsamelineofbu | Jump to end of section if same line of business. | discrete | numeric |  |
| V1049 | introduction_10 | What happened to the business previously ran? | discrete | character | What happened to the business you previously ran? (introduction_10) |
| V1050 | introduction_11 | Main activity now | discrete | character | What is your main activity now? (introduction_11) (specify) $\qquad$ |
| V1051 | jumptonewlineofbusinessifnewbusi | Jump to new line of business if new business. | discrete | numeric |  |
| V1052 | introduction_12 | New line of business activity | discrete | character | You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12) |
| V1053 | introduction_13 | Verification: Really a new line of business | discrete | character | Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13) |
| V1054 | balance_8a | Respondent owns the land or market space used by the business ( $1=y e s, 2=n o$ ) | discrete | character | Do you currently own the land or market space used by the business? (balance_8a) |
| V1055 | balance_8b | Year when land or market space was purchased | discrete | numeric | In what year did you purchase the land or market space? (balance_8b) |
| V1056 | balance_8c | Resale value (today) of land and market space (GHc) | discrete | numeric | How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |
| V1057 | balance_9a | Business has any kiosk/shed/building (1=yes, $2=n \mathrm{n}$ ) | discrete | character | Does your business currently have any kiosk/shed/building? (balance_9a) |
| V1058 | balance_9b | Ownership of the kiosk/shed/building (1=Owned, 2=Rented, 3=Borrowed) | discrete | character | Ownership of the kiosk/shed/building: (balance_9b) |
| V1059 | balance_9c | Replacement value of kiosk/shed/building (GHC) | discrete | numeric | If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c) |
| V1060 | balance_10a | Business has any furniture or display cases ( $1=$ Yes, $2=$ No) | discrete | character | Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1061 | balance_10b | Number of different types of furniture or display cases | discrete | numeric | How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b) |
| V1062 | balance_10c | Ownership of FIRST furniture or display cases | discrete | character | FIRST FURNITURE or DISPLAY CASES: <br> Ownership (balance_10c) |
| V1063 | balance_10d | Replacement value of FIRST furniture or display cases (GHc) | discrete | numeric | FIRST FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GHc )? |
| V1064 | balance_10e | Ownership of SECOND furniture or display cases | discrete | character | SECOND FURNITURE or DISPLAY CASES: <br> Ownership (balance_10e) |
| V1065 | balance_10f | Replacement value of SECOND furniture or display cases (GHc) | discrete | numeric | SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1066 | balance_10g | Ownership of THIRD furniture or display cases | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: <br> Ownership (balance_10g) |
| V1067 | balance_10h | Replacement value of THIRD furniture or display cases (GHc) | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1068 | balance_10i | Ownership of FOURTH furniture or display cases | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: <br> Ownership (balance_10i) |
| V1069 | balance_10j | Replacement value of FOURTH furniture or display cases (GHc) | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1070 | balance_11a | Business has any machines or equipment ( $1=\mathrm{Yes}$, $2=\mathrm{No}$ ) | discrete | character | Does your business currently have any MACHINES or EQUIPMENT? (balance_11a) |
| V1071 | balance_11b | Number of different types of machine/equipment | discrete | numeric | How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b) |
| V1072 | balance_11c | Ownership of FIRST machine/equipment (options: owned, rented, borrowed) | discrete | numeric | FIRST <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11c) |
| V1073 | balance_11d | Replacement value of FIRST machine/equipment (GHc) | discrete | numeric | FIRST <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d) |
| V1074 | balance_11e | Ownership of SECOND machine/equipment (options: owned, rented, borrowed) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11e) |
| V1075 | balance_11f | Replacement value of SECOND machine/equipment (GHc) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f) |
| V1076 | balance_11g | Ownership of machine/equipment (options: owned, rented, borrowed) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11g) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1077 | balance_11h | Replacement value of THIRD machine/equipment (GHc) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11h) |
| V1078 | balance_11i | Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) | discrete | numeric | FOURTH MACHINE/EQUIPMENT: <br> Ownership (balance_11i) |
| V1079 | balance_11j | Replacement value of FOURTH machine/equipment (GHc) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j) |
| V1080 | balance_12a | Business currently has any other equipment, tools, and utensils ( $1=$ Yes, $2=N o$ ) | discrete | character | Does your business currently have any other tools and utensils (including vehicles)? (balance_12a) |
| V1081 | balance_12b | Number of different types of other equipment, tools or utensils | discrete | numeric | If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b) |
| V1082 | balance_12c | Ownership of FIRST other equipment, tools or utensils | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c) |
| V1083 | balance_12d | Replacement cost of FIRST other equipment, tools or utensils (GHc) | discrete | numeric | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d) |
| V1084 | balance_12e | Ownership of SECOND other equipment, tools or utensils | discrete | character | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e) |
| V1085 | balance_12f | Replacement cost of SECOND other equipment, tools or utensils (GHc) | contin | numeric | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f) |
| V1086 | balance_12g | Ownership of THIRD other equipment, tools or utensils | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g) |
| V1087 | balance_12h | Replacement cost of THIRD other equipment, tools or utensils (GHc) | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHC)? (balance_12h) |
| V1088 | balance_12i | Ownership of FOURTH other equipment, tools or utensils | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i) |
| V1089 | balance_12j | Replacement cost of FOURTH other equipment, tools or utensils (GHc) | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12j) |
| V1090 | balance_13a | Automatic sum of assets, excluding land, buildings and market space | contin | numeric | PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space. |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1091 | balance_13b | Verification: accuracy of 'balance_13a' | discrete | character | The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-countedsomething? (balance 13b) |
| V1092 | balance_13c | What has been missed or double-counted? | discrete | numeric | What have we missed or double-counted? <br> (balance_13c) |
| V1093 | balance_13d | Estimate:total replacement cost of assets(excl. land, buildings or market space) | discrete | numeric | What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d) |
| V1094 | balance_14a | Bus. holds products for sale, raw materials, products in production or spare parts | discrete | character | When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a) |
| V1095 | balance_14b | Total purchase cost of stocks and inventories (GHC) | contin | numeric | What is the total purchase cost of these goods (GHc)? (balance_14b) |
| V1096 | jumptoinventoriesclarificationif | Jump to inventories clarification if zero inventories (1). | discrete | numeric |  |
| V1097 | balance_14c | Value of items on hand to sell (GHc) | discrete | numeric | You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value ( GHc )? (balance_14c) |
| V1098 | balance_14d | Cash for business (Includes cash held at home, at the bank or with a susu) | contin | numeric | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (balance_14d) |
| V1099 | hours_stopwatch |  | discrete | character |  |
| V1100 | business_6a | Days spent working in the business - LAST week | discrete | numeric | How many hours a week do you personally spend working in the business? Days worked |
| V1101 | business_6b | Hours spent working in the business per day - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Hours per day |
| V1102 | business_6c | Total hours spent working in the business - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Total hours (Number of days * Hours per day) |
| V1103 | business_8a | Days spent working full effort in the business - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Days worked |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1104 | business_8b | Hours of full effort per day - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Hours of full effort per day |
| V1105 | business_8c | Total hours of full effort - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Total hours (Number of days * Hours per day) |
| V1106 | otherworkers_1 | Apart from respondent, any other unpaid or paid workers in the business | discrete | character | Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1) |
| V1107 | otherworkers_2 | Hours in total household members apart from resp. worked in business last week | discrete | character | How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2) |
| V1108 | otherworkers_3 | Number of hours in total apprentices worked in the business | discrete | character | How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3) |
| V1109 | otherworkers_4 | Number of hours in total non-household paid employees worked in the business | discrete | character | How many hours in total did non-household paid employees work in the business? |
| V1110 | business_11 | Number of days business was not operating in July $2009$ | discrete | character | For how many days was your business NOT operating in April 2009? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11) |
| V1111 | business_12a | Number of days business was closed because respondent was ill | discrete | character | For how many days was the business closed because you were ill? (business 12a) |
| V1112 | business_12b | Number of days business was closed because someone else was ill | discrete | character | For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b) |
| V1113 | business_12c | Number of days business was closed because of other family or community events | discrete | character | For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c) |
| V1114 | expenses_stopwatch |  | discrete | character |  |
| V1115 | income_3a | Purchase of raw materials and items for resale Monthly expenses for July 2009 | discrete | character | Purchase of raw materials and items for resale: (income_3a) |
| V1116 | income_3b | Purchase of electricity, water, gas and fuel Monthly expenses for July 2009 | contin | numeric | Purchase of electricity, water, gas and fuel: (income_3b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1117 | income_3c | Payments to employees and apprentices - Monthly expenses for July 2009 | discrete | character | Payments to employees and apprentices: (income_3c) |
| V1118 | income_3d | Expenditure on telephone and cellphone airtime Monthly expenses for July 2009 | contin | numeric | Expenditure on telephone and cellphone airtime: (income_3d) |
| V1119 | income_3e | Maintenance, repair, and transportation - Monthly expenses for July 2009 | contin | numeric | Maintenance, repair, and transportation: (income_3e) |
| V1120 | income_3f | Rent of machinery and equipment - Monthly expenses for July 2009 | contin | numeric | Rent of machinery and equipment: (income_3f) |
| V1121 | income_3g | Interest paid on loans(in GHc, not percentage terms) <br> - Monthly expenses,Jul. 2009 | contin | numeric | Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g) |
| V1122 | income_3h | Gifts,tips and bribes given to gov. officials - Monthly expenses for July 2009 | discrete | character | Gifts, tips and bribes given to government officials: (income_3h) |
| V1123 | income_3i | Automatic sum of total monthly expenses | discrete | character | Automatically sum the total monthly expenses (income_3i) |
| V1124 | income_3j | Verification: Sum of the expenses just listed for last month was accurate | discrete | character | The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j) |
| V1125 | income_3k | Estimate of total of expenses for the last month | contin | numeric | What do you estimate to be the total of these expenses for the last month? (income_3k) |
| V1126 | sales_stopwatch |  | discrete | character |  |
| V1127 | income_2a | Total monthly sales of the business (Including sales of services) GHc- July 2009 | discrete | character | What were the total monthly sales of your business? Include sales of services. For July 2009 (GHc) (income_2a) |
| V1128 | income_2b | Total monthly sales of the business (Including sales of services) GHc- June 2008 | discrete | character | What were the total monthly sales of your business? Include sales of services. For June 2009 (GHc) (income_2b) |
| V1129 | income_2c | Total monthly sales of the business (Including sales of services) GHc- May 2008 | discrete | character | What were the total monthly sales of your business? Include sales of services. For May 2009 (GHc) (income_2c) |
| V1130 | percentage_sales |  | discrete | character |  |
| V1131 | neg_percentage_sales |  | contin | numeric |  |
| V1132 | change_sales_sq |  | contin | numeric |  |
| V1133 | sales_1 | Verification: Substantial percentage change in sales is correct | discrete | character | You said sales for July 2009 were $X$, and in the last survey you told us sales for April 2009 were Y. Is it correct that your sales have changed this much? (sales_1) |
| V1134 | sales_2 | April 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think July 2009 and April 2009 sales actually were? April 2009 sales: (sales_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1135 | sales_3 | July 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? July 2009 sales: (sales_3) |
| V1136 | product_stopwatch |  | discrete | character |  |
| V1137 | product_1 | Most important product or service sold still same as in Round 3 | discrete | character | In the last survey, you told us that the most important product or service you sold was [x]. Is this still your most important product or service? (product_1) |
| V1138 | repeatifblank | Repeat if blank. | discrete | numeric |  |
| V1139 | income_7a | Name of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a) |
| V1140 | income_7b_1 | Unit of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE Unit: (income_7b_1) |
| V1141 | income_7b_2 | Sale price per unit (GHc) of most important product or service | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE Sale price per unit (GHC): (income_7b_2) |
| V1142 | income_7c | Cost of raw materials for one unit (GHc) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c) |
| V1143 | income_7d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_7d) |
| V1144 | income_7e | Verification: Correct that product is sold for the same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e) |
| V1145 | income_7f | Verification: Correct that materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_7f) |
| V1146 | income_7g | Units sold in the last month of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g) |
| V1147 | income_7h | Share of most important product or service in total sales (\%) | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h) |
| V1148 | jumptoendifpreviousisblank | Jump to end if previous is blank. | discrete | numeric |  |
| V1149 | jumptoerrormessageifsharenegativ | Jump to error message if share negative. | discrete | numeric |  |
| V1150 | percentage_price |  | discrete | character |  |
| V1151 | neg_percentage_price |  | contin | numeric |  |
| V1152 | change_price_sq |  | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1153 | prices_1 | Verification: Sale price for main product changed substantially | discrete | character | You said that the sale price for your main product in July 2009 was X GHc. In the previous survey, you told us that the sale price for your main product for April was Y GHc. Is it correct that the sale price for your main product has changed this much? (prices_1) |
| V1154 | prices_2 | Correct price for main product (GHC) - April 2009 | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. April 2009 price for your main product (GHc): (prices_2) |
| V1155 | prices_3 | Correct price for main product (GHc) - July 2009 | discrete | character | You have indicated that there was a mistake. Please enter the correct values. July 2009 price for your main product: (prices_3) |
| V1156 | product_2 | Started manufacturing/selling new product/offering new service in last 3 months | discrete | character | Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2) |
| V1157 | jumprepeatifblank2 | Jump: Repeat if blank (2) | discrete | numeric |  |
| V1158 | product_3 | Type/Name of new product(s) or service(s) | discrete | character | What is/are the new product(s) or service(s)? (product_3) |
| V1159 | product_4 | Percentage of total sales made by the new product(s) or service(s) | contin | numeric | What percentage of total sales do the new product(s) or service(s) make? (product_4) |
| V1160 | income_stopwatch |  | discrete | character |  |
| V1161 | income_4a | Question on profits answered ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a) |
| V1162 | income_4b | Profit during July 2009 | contin | numeric | After paying all expenses, what was the income of the business (the profits) during July 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Profit: (income_4b) |
| V1163 | income_4c | Profit range [Categories provided] | discrete | character | After paying all expenses, what was the income of the business (the profits) during July 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Was the amount: (income_4c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1164 | income_4d | Proportion of profits that is typically invested into the business | contin | numeric | What proportion of this amount do you typically invest in your business (\%)? (income_4d) |
| V1165 | income_4e | 'income_4d' included value of goods or serv. that resp. and household consumed | discrete | character | In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business? |
| V1166 | income_4f | Value of goods and services that resp. and household consumed - Jul. 2009 | contin | numeric | What was the value of the goods and services that you and your household consumed from the business in July 2009? (income_4f) |
| V1167 | income_5c | Correct value for sales in July 2009 | contin | numeric | What is the correct value for sales in July 2009? (income_5c) |
| V1168 | income_5d | Correct value for profits in July 2009 | discrete | character | What is the correct value for profits in July 2009? (income_5d) |
| V1169 | income_6c | Correct value for sales in July 2009 | contin | numeric | What is the correct value for sales in July 2009? (income_6c) |
| V1170 | income_6d | Correct value for profits in July 2009 | contin | numeric | What is the correct value for profits in July 2009? (income_6d) |
| V1171 | percentage_profit |  | contin | numeric |  |
| V1172 | neg_percentage_profit |  | contin | numeric |  |
| V1173 | change_profit_sq |  | contin | numeric |  |
| V1174 | profits_1 | Verification: percentage change in profits is correct if it is significant | discrete | character | You said that profits for April 2009 were X. In the previous survey, you told us that profits for [month] were Y. Is it correct that your profit has changed this much? |
| V1175 | profits_2 | April 2009 profits if profits_1==No | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. [earlier month] 2009 profit: |
| V1176 | profits_3 | July 2009 profits if profits_1==No | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. July 2009 profit |
| V1177 | lookupround3profit | LookupRound3Profit | contin | numeric |  |
| V1178 | jumptoround3profitsifround3missi | Jump to round 3 profits if round 3 missing. | discrete | numeric |  |
| V1179 | profits_4 |  | discrete | character |  |
| V1180 | profits_5 |  | discrete | character |  |
| V1181 | lookupround3sales | LookupRound3Sales | contin | numeric |  |
| V1182 | profits_6 |  | contin | numeric |  |
| V1183 | profits_7 |  | contin | numeric |  |
| V1184 | income_12a | Number of businesses owned | discrete | numeric | How many businesses do you own? (income_12a) [skip if only one] |
| V1185 | income_12b | Money taken home from other businesses in July | contin | numeric | How much money did you take home from these other businesses in July? Include the money you saved or gave to family and friends. (income_12b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1186 | income_10a | Any free goods or serv. given to non-members of resp.'s household - July 2009 | discrete | character | In July 2009, did you give any free goods or services to non-members of your household? (income_10a) |
| V1187 | income_10b | Approximate sale value of the goods and services given for free (GHc) | contin | numeric | What is the approximate sale value of the goods and services given for free (GHc)? (income_10b) |
| V1188 | income_13a | Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a) |
| V1189 | income_13b | Total income made from renting land or rooms in July 2009 | contin | numeric | In July 2009, what was your total income you made from renting land or rooms? (income_13b) |
| V1190 | reciprocity_1 | Anyone other than employees used any business assets, during past 3 months | discrete | character | During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1) |
| V1191 | reciprocity_2 | Types of assets used | discrete | character | (If yes) which of the following types of assets did they use? (Please tick all that apply.) (reciprocity_2) |
| V1192 | reciprocity_3 | Frequency of usage | discrete | character | (If yes) Which of the following apply? (reciprocity_3) |
| V1193 | reciprocity_4 | Respondent received rental income as compensation for use of any of the assets | discrete | character | Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4) |
| V1194 | reciprocity_5 | Revenue from rental of business assets in July (GHc) | contin | numeric | (If yes) During July, what was your revenue from rental of business assets? (GhC) (reciprocity_5) |
| V1195 | reciprocity_6 | Included revenue from rental in the business income reported earlier | discrete | character | Have you included the revenue from rental in the business income you reported earlier? (reciprocity_6) |
| V1196 | reciprocity_7 | Received other compensation | discrete | character | Did you receive some other compensation, such as gifts, household services, or the use of assets of another business? (reciprocity_7) |
| V1197 | inventories_stopwatch |  | discrete | character |  |
| V1198 | inventories_1 | Bus. holds products for sale, raw materials, products in production or spare parts | discrete | character | When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1) |
| V1199 | inventories_2 | Total purchase cost of inventories (GHc) | discrete | character | What is the total purchase cost of these goods <br> (GHc)? (inventories_2) |
| V1200 | inventories_3 | Value of items on hand to sell (GHC) | discrete | character | You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value ( GHc ) ? (inventories_3) |
| V1201 | percentage_inventories |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1202 | neg_percentage_inventories |  | contin | numeric |  |
| V1203 | change_inventories_sq |  | contin | numeric |  |
| V1204 | inventories_5 | Verification: Change in inventories holding is correct | discrete | character | You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number 'Y' was looked up correctly to trigger the check, but then referenced wrongly in this question.] Is is correct that your inventories holding has changed that much? (inventories_5) |
| V1205 | inventories_6 | Correct total purchase cost of inventories held at the start of business today | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6) |
| V1206 | inventories_7 | Correct value for previous survey | contin | numeric | What was the correct value for the previous survey? (inventories_7) |
| V1207 | inventories_4 | Cash currently hold for the business | discrete | character | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4) |
| V1208 | percentage_cash |  | discrete | character |  |
| V1209 | neg_percentage_cash |  | contin | numeric |  |
| V1210 | change_cash_sq |  | contin | numeric |  |
| V1211 | cash_1 | Verification: change in cash holding is correct | discrete | character |  |
| V1212 | cash_2 | Correct value of cash currently available | contin | numeric | You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2) |
| V1213 | cash_3 |  | contin | numeric |  |
| V1214 | assets_stopwatch |  | discrete | character |  |
| V1215 | assets_1 | Add. <br> land/buildings/furniture/machines/equip./tools/other assets since May | discrete | character | Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our May interview? (assets_1) |
| V1216 | assets_2a | Business acquired any land or market space used by the business since May | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Land or market space |
| V1217 | assets_2b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Land or market space |
| V1218 | assets_2c | Purchase cost of land or market space (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Land or market space |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1219 | assets_3a | Business acquired any kiosk,shed or building used by the business since May | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Kiosk, shed or building |
| V1220 | assets_3b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Kiosk, shed or building |
| V1221 | assets_3c | Purchase cost of kiosk, shed or building (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Kiosk, shed or building |
| V1222 | assets_4a | Business acquired any furniture and display cases used by the business since May | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Furniture and display cases |
| V1223 | assets_4b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Furniture and display cases |
| V1224 | assets_4c | Purchase cost of furniture and display cases (GHC) | contin | numeric | What is the purchase cost of [x]? (GHc) Furniture and display cases |
| V1225 | assets_5a | Business acquired any machines and equipment used by the business since May | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Machines and equipment |
| V1226 | assets_5b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Machines and equipment |
| V1227 | assets_5c | Purchase cost of machines and equipment (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Machines and equipment |
| V1228 | assets_6a | Business acquired any other equipment, tools and utensils since May | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? Other equipment, tools and utensils |
| V1229 | assets_6b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Other equipment, tools and utensils |
| V1230 | assets_6c | Purchase cost of other equipment, tools and utensils (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Other equipment, tools and utensils |
| V1231 | assets_7 | Disp. of land/build./furniture/machines/equip./tools/other assets since May | discrete | character | Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_7) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1232 | assets_8a | Sold/returned/lost/otherwise disposed of any land or market space since May | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Land or market space |
| V1233 | assets_8b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space |
| V1234 | assets_8c | Sale price or value of land or market space (GHc) | discrete | character | What is the sale price or value of [x]? (GHc) Land or market space |
| V1235 | assets_9a | Sold/returned/lost/otherwise disposed of kiosk,shed or building since May | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Kiosk, shed or building |
| V1236 | assets_9b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building |
| V1237 | assets_9c | Sale price or value of kiosk, shed or building (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Kiosk, shed or building |
| V1238 | assets_10a | Sold/returned/lost/otherwise disposed of furnit. and display cases since May | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Furniture and display cases |
| V1239 | assets_10b | Way of sale, loss or damage | discrete | numeric | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases |
| V1240 | assets_10c | Sale price or value of furniture and display cases (GHc) | discrete | numeric | What is the sale price or value of [x]? (GHc) Furniture and display cases |
| V1241 | assets_11a | Sold/returned/lost/otherwise disposed of any machines and equip. since May | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Machines and equipment |
| V1242 | assets_11b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment |
| V1243 | assets_11c | Sale price or value of machines and equipment (GHc) | discrete | character | What is the sale price or value of [ x ]? ( GH c ) Machines and equipment |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1244 | assets_12a | Sold/returned/lost/otherwise disp. of other equip.,tools, utensils since May | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Other equipment, tools and utensils |
| V1245 | assets_12b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils |
| V1246 | assets_12c | Sale price or value of other equipment, tools and utensils (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Other equipment, tools and utensils |
| V1247 | credit_stopwatch |  | discrete | character |  |
| V1248 | credit_1 | Respondent uses susu collector to deposit money (1=Yes, 2=No) | discrete | character | Do you use a susu collector to deposit money? (credit_1) |
| V1249 | jumpifnosusucollector | Jump if no susu collector. | discrete | numeric |  |
| V1250 | credit_2 | Average deposit made with the susu collector each day during July 2009 (GHc) | contin | numeric | On average, how much did you deposit with the susu collector each day during July 2009 (GHc)? (credit_2) |
| V1251 | credit_3 | Received a new loan from a bank since May (1=Yes, $2=\mathrm{No}$ ) | discrete | character | Have you received a new loan from a bank since [reference baseline survey month]? (credit_3) |
| V1252 | credit_4 | Amount of the loan from bank | contin | numeric | If yes, what was the amount of the loan? (credit_4) |
| V1253 | credit_5 | Received a new loan from a microfinance organization since May (1=Yes, $2=$ No) | discrete | character | Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5) |
| V1254 | credit_6 | Amount of the loan from microfinance organization | contin | numeric | If yes, what was the amount of the loan? (credit_6) |
| V1255 | credit_7 | Received a new loan from family or friends for the business since May | discrete | character | Have you received a new loan from family or friends for the business since May? (credit_7) |
| V1256 | credit_ 8 | Amount of the loan from family or friends | contin | numeric | If yes, what was the amount of the loan? (credit_8) |
| V1257 | expenditure_stopwatch |  | discrete | character |  |
| V1258 | household_2a | Last WEEK'S household expenditure on: Food and drink for home consumption | discrete | character | Last week: How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a) |
| V1259 | household_2b | Last WEEK'S household expenditure on: Food and drink consumed outside the home | contin | numeric | Last week: How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home ( GHc )? (household_2b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1260 | household_3a | Last MONTH's household expenditures on: Housing | discrete | character | How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a) |
| V1261 | household_3b | Last MONTH's household expenditures on: Fuel and Light | contin | numeric | How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b) |
| V1262 | household_3c | Last MONTH's household expenditures on: Non-durable household goods | contin | numeric | How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c) |
| V1263 | household_3d | Last MONTH's household expenditures on: Communication | contin | numeric | How much did you and your household spend last MONTH on: <br> Communication (eg telephone, internet and postal) |
| V1264 | household_3e | Last MONTH's household expenditures on: Recreation and entertainment | contin | numeric | How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery) |
| V1265 | household_3f | Last MONTH's household expenditures on: Transport | contin | numeric | How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees) |
| V1266 | household_3g | Last MONTH's household expenditures on: Household services | discrete | character | How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g) |
| V1267 | household_3h | Last MONTH's household expenditures on: Personal care services | contin | numeric | How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h) |
| V1268 | household_3i | Last MONTH's household expenditures on: Contributions to associations | contin | numeric | How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i) |
| V1269 | household_4a | Over past THREE MONTHS household expenditures on: Clothing and textiles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a) |
| V1270 | household_4b | Over past THREE MONTHS household expenditures on: Footwear | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHC)? (household_4b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1271 | household_4c | Over past THREE MONTHS household expenditures on: Funerals,weddings,ceremonies | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c) |
| V1272 | household_4d | Over past THREE MONTHS household expenditures on: Electronic goods | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d) |
| V1273 | household_4e | Over past THREE MONTHS household expenditures on: Household furnishings | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e) |
| V1274 | household_4f | Over past THREE MONTHS household expenditures on: Household appliances | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f) |
| V1275 | household_4g | Over past THREE MONTHS household expenditures on: Vehicles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)? (household_4g) |
| V1276 | household_4h | Over past THREE MONTHS household expenditures on: Health expenses | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h) |
| V1277 | household_4i | Over past THREE MONTHS household expenditures on: Education | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i) |
| V1278 | transfers_stopwatch |  | discrete | character |  |
| V1279 | transfers_1 | Made payments in cash or goods to people living outside household, past 3 months | discrete | character | During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1) |
| V1280 | v264 | Repeat if blank. | discrete | numeric |  |
| V1281 | transfers_2 | Transfer made to | discrete | character | To whom did you make the transfers? (transfers_2) |
| V1282 | transfers_3 | Approximate amount of cash given to people outside the household, past 3 months | contin | numeric | Approximately how much cash did you give to people outside your household during the past three months? (transfers_3) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1283 | transfers_4 | Approx. value of goods provided to people outside the household, past 3 months | contin | numeric | What is the approximate value of the goods you provided to people outside your household during the past three months? (transfers_4) |
| V1284 | transfers_5 | Received any transfers in cash or goods from people living outside the household | discrete | character | During the past three months, did you receive any transfers in cash or goods from people living outside your household? (transfers_5) |
| V1285 | transfers_6 | Received transfer from | discrete | character | Who did you receive the transfers from? (transfers_6) |
| V1286 | transfers_7 | Approx. amount of cash received from people outside household, past three months | contin | numeric | Approximately how much cash did you receive from people outside your household during the past three months? (transfers_7) |
| V1287 | transfers_8 | Approx. value of goods received from people outside household, past three months | contin | numeric | What is the approximate value of the goods you received from people outside your household during the past three months? (transfers_8) |
| V1288 | treatment_stopwatch |  | discrete | character |  |
| V1289 | treatmenttype | TreatmentType | discrete | character |  |
| V1290 | treatmenttype2 | TreatmentType2 | discrete | character |  |
| V1291 | treatment_a_1a | Added some of own money to the gift ( $1=$ Yes, $2=$ No) | discrete | character | Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_1a) |
| V1292 | treatment_a_1b | Amount added | contin | numeric | How much your own money did you add? (treatment_a_1b) |
| V1293 | treatment_a_2 | Items bought with cash received | discrete | character | What did you buy with the cash that you received? (treatment_a_2) |
| V1294 | treatment_a_3 | Amount of cash received spent on business materials and inventories | contin | numeric | Of the cash that you received, how much did you spend on Business materials and inventories? |
| V1295 | treatment_a_4 | Amount of cash received spent on business equipment | contin | numeric | Of the cash that you received, how much did you spend on Business equipment? |
| V1296 | treatment_a_5 | Amount of cash received spent on repayment of business loans | discrete | numeric | Of the cash that you received, how much did you spend on Repayment of business loans? |
| V1297 | treatment_a_6 | Amount of cash received spent on other business expenses | contin | numeric | Of the cash that you received, how much did you spend on Other business expenses? |
| V1298 | treatment_a_7 | Amount of cash received spent on household food | contin | numeric | Of the cash that you received, how much did you spend on Household food? |
| V1299 | treatment_a_8 | Amount of cash received spent on household durable assets | contin | numeric | Of the cash that you received, how much did you spend on Household durable assets? |


| ID Name Label |  |  | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1300 | treatment_a_9 | Amount of cash received spent on personal clothing | contin | numeric | Of the cash that you received, how much did you spend on Personal clothing? |
| V1301 | treatment_a_10 | Amount of cash received spent on gifts to others | contin | numeric | Of the cash that you received, how much did you spend on Gifts to others? |
| V1302 | treatment_a_11 | Amount of cash received spent on school supplies and school fees | contin | numeric | Of the cash that you received, how much did you spend on School supplies and school fees? |
| V1303 | treatment_a_12 | Amount of cash received spent on any other household business | contin | numeric | Of the cash that you received, how much did you spend on Any other household business? |
| V1304 | treatment_a_13 | Amount of cash received that was saved | contin | numeric | Of the cash that you received, how much did you save? (treatment_a_13) |
| V1305 | treatmentsum1 | Total treatment spending | contin | numeric |  |
| V1306 | treatmentdiff1 | 150 GHc - total treatment spending | contin | numeric |  |
| V1307 | treatment_a_14 | Verification: total sum spent on other items correct | discrete | character | You have listed a total of [sum] GHc. This means that you spent [150-sum] on OTHER items. Is this correct? (treatment_a_14) |
| V1308 | jumptosectionendifspentnothingon | Jump to section end if spent nothing on business materials and inventories. | discrete | numeric |  |
| V1309 | treatment_a_15 | Amount of materials and inventories sold | contin | numeric | You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15) |
| V1310 | jumpovertheerrormessageifanswers | Jump over the error message if answer <= spending. | discrete | numeric |  |
| V1311 | treatment_a_16 | Amount of materials and inventories lost to spoilage, waste or theft | discrete | character | How much of this have you lost to spoilage, waste or theft (GHc)? (treatment_a_16) |
| V1312 | treatment_a_17a | Amount of the gift spent on things just for respondent | discrete | character | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for you? |
| V1313 | treatment_a_17b | Amount of the gift spent on things just for respondent's spouse | contin | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your spouse? |
| V1314 | treatment_a_17c | Amount of the gift spent on things just for respondent's children | contin | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your children? |
| V1315 | treatment_a_17d | Amount of the gift spent on things just for resp. and his/her family jointly | contin | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things for you and your family jointly? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1316 | treatment_a_17e | Amount spent on things for people other than resp./his/her spouse/childr. | contin | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things for people other than you, your spouse or children? |
| V1317 | treatment_b_1 | Received any equipment | discrete | character | Did you receive any EQUIPMENT? <br> (treatment_b_1) |
| V1318 | jumpoverequipmentsectionifnoequi | Jump over equipment section if no equipment. | discrete | numeric |  |
| V1319 | treatment_b_2 | Amount of equipment received that has been sold | contin | numeric | How much of the EQUIPMENT that you received have you sold (GHc)? (treatment_b_2) |
| V1320 | treatment_b_3 | Received any inventories or materials | discrete | character | Did you receive any INVENTORIES OR MATERIALS? (treatment_b_3) |
| V1321 | treatment_b_4 | Amount of inventories or materials received that has been sold | contin | numeric | How much of the INVENTORIES AND MATERIALS that you have received have you sold (GHc)? (treatment_b_4) |
| V1322 | treatment_b_5 | Purchased NEW INVENT./MATERIALS since receiving this gift vs. not receiving it | discrete | character | Have you purchased NEW INVENTORIES OR MATERIALS since receiving this gift? Please compare to the amount that you would HAVE PURCHASED if you had NOT received the gift. (treatment_b_5) |
| V1323 | v307 | Repeat if blank. | discrete | numeric |  |
| V1324 | treatment_c_1a | Amount of the 150 GHc in-kind treatment that remains in business | discrete | character | How much of the 150 GHc remains in the business? (treatment_c_1a) |
| V1325 | treatment_c_2a | Amount of the 150 GHc in-kind treatment that has been taken out of the business | discrete | character | How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2a) |
| V1326 | treatment_c_sum | Sum of treatment_c_1a and treatment_c_2a | discrete | character |  |
| V1327 | treatment_c_1b | Confirmation: Amount of the 150 GHc in-kind treatment that remains in business | discrete | character | These values did not add to 150 GHc . Please confirm the answers. Please confirm: How much of the 150 GHc remains in the business? (treatment_c_1b) |
| V1328 | treatment_c_2b | Confirmation: Amount of the 150 GHc in-kind treatment that has been taken out | contin | numeric | These values did not add to 150 GHc . Please confirm the answers. Please confirm: How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2b) |
| V1329 | treatment_d_1a | Amount of the 150 GHc cash treatment that remains in business | discrete | character | How much of the 150 GHc remains in the business? (treatment_d_1a) |
| V1330 | treatment_d_2a | Amount of the 150 GHc cash treatment that remains in the household | contin | numeric | How much of the 150 GHc remains in the household? (treatment_d_2a) |
| V1331 | treatment_d_3a | Amount of the 150 GHc cash treatment spent on non-business things | discrete | character | How much of the 150 GHc has been spent on non-business things? (treatment_d_3a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1332 | treatment_d_4a | Amount of the 150 GHc cash treatment saved outside of business or household | discrete | character | How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4a) |
| V1333 | treatment_d_sum | Sum of spending | discrete | character |  |
| V1334 | treatment_d_1b | Confirmation:Amount of 150 GHc cash treatment that remains in business | discrete | character | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc remains in the business? (treatment_d_1b) |
| V1335 | treatment_d_2b | Confirmation:Amount of 150 GHc cash treatment that remains in the household | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc remains in the household? (treatment_d_2b) |
| V1336 | treatment_d_3b | Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things | discrete | character | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc has been spent on non-business things? (treatment_d_3b) |
| V1337 | treatment_d_4b | Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4b) |
| V1338 | networks_stopwatch |  | discrete | character |  |
| V1339 | networks_1 | Respondent occupies a position of responsibility in neighborhood (1=Yes, 2=No) | discrete | character | Do you occupy a position of responsibility in the neighbourhood? (networks_1) |
| V1340 | jumpoverfollowupifnopositionofre | Jump over follow-up if no position of responsibility. | discrete | numeric |  |
| V1341 | networks_2 | Position of responsibility | discrete | character | Which position of responsibility? (Tick all that apply.) (networks_2) |
| V1342 | networks_3 | Other member of household occupies position of responsibility in neighborhood | discrete | character | Does any other member of your household occupy a position of responsibility in the neighbourhood? (networks_3) |
| V1343 | networks_5 | Position of responsibility of other household member | discrete | character | Which position of responsibility? (Tick all that apply.) (networks_5) |
| V1344 | networks_6 | Business knowledge of respondent | discrete | character | How knowledgeable about business are you? <br> (networks_6) |
| V1345 | bargaining_stopwatch |  | discrete | character |  |
| V1346 | bargaining_1 | Married ( $1=Y e s, 2=N o)$ | discrete | character | Are you married? (bargaining_1) |
| V1347 | bargaining_2a | Free to spend bus. profits on household expenditures, without consulting spouse | discrete | character | Are you free to spend the profits you generate in your business on household expenditures, without consulting your spouse? (bargaining_2a) |
| V1348 | bargaining_3a | Free to spend any part of bus. profits on items consumed him-/herself | discrete | character | Apart from money you spend on your household, are you free to spend any part of the profits you generate from your business on items you consume yourself? (bargaining_3a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1349 | bargaining_4a | Sources resp. is able to get money from in an emergency | discrete | character | If you needed money in an emergency, which of the following sources might you be able to get it from? (Please tick all that apply.) (bargaining_4a) |
| V1350 | bargaining_5_1a | Decisions about purchases of food consumed at home made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) PURCHASES OF FOOD CONSUMED AT HOME? |
| V1351 | bargaining_5_2a | Decisions about routine household purchases made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) ROUTINE HOUSEHOLD PURCHASES SUCH AS CLEANING SUPPLIES? |
| V1352 | bargaining_5_3a | Decisions about respondent's clothes made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) YOUR CLOTHES? |
| V1353 | bargaining_5_4a | Decisions about respondent's children's clothes made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) YOUR CHILDREN'S CLOTHES? |
| V1354 | bargaining_5_5a | Decisions about purchases of alcoholic beverages made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) PURCHASE OF ALCOHOLIC BEVERAGES? |
| V1355 | bargaining_5_6a | Decisions about money given to respondent's parents made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) MONEY GIVEN TO YOUR PARENTS? |
| V1356 | bargaining_5_7a | Decisions about money given to respondent's spouse's parents made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) MONEY GIVEN TO YOUR SPOUSE'S PARENTS? |
| V1357 | bargaining_5_8a | Decisions about purchasing equipment for respondent's business made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) PURCHASING EQUIPMENT FOR YOUR ENTERPRISE? |
| V1358 | bargaining_5_9a | Decisions about reinvesting profits in respondent's business made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) REINVESTING PROFITS IN YOUR BUSINESS? |
| V1359 | bargaining_6_1a | Profits in respondent's enterprise are higher because of spouse's involvement | discrete | character | The profits of my enterprise are higher because of my spouse's involvement. (bargaining_6_1a) |
| V1360 | bargaining_6_2a | Spouse helps to run enterprise | discrete | character | My spouse helps to run my enterprise. <br> (bargaining_6_2a) |
| V1361 | bargaining_6_3a | Because of spouse's efforts in business, respo. expects it to do well | discrete | character | Because of my spouse's efforts in the business, I expect the business to do well in the future. (bargaining_6_3a) |
| V1362 | bargaining_6_4a | Doesn't hold much money as cash/invent. in bus. because easily taken by others | discrete | character | I do not hold much money as cash or inventories in my business because it is too easy for household members to take. (bargaining_6_4a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1363 | bargaining_6_5a | Resp. has more control over assets in the business than over money held at home | discrete | character | I have more control over assets in my business than I do over money I hold at home. (bargaining_6_5a) |
| V1364 | bargaining_6_6a | Resp. finds it hard not to spend bus. revenues/working cap. on personal expenses | discrete | character | I find it hard not to spend business revenues/working capital on personal expenses. (bargaining_6_6a) |
| V1365 | bargaining_6_7a | Bus. assets which are equip. are less likely taken by others than cash/invent. | discrete | character | Business assets which are equipment are less likely to be taken by others than business assets which are cash or inventories. (bargaining_6_7a) |
| V1366 | bargaining_7_1a | Respondent has an answer on hypothetical question bargaining_7_2a | discrete | character | Enumerator: Does the respondent have an answer? (bargaining_7_1a) |
| V1367 | bargaining_7_2a | Hypothetical amount given to spouse, equiv. to giving resp. 100 GHc directly | discrete | character | How much would I have to give your spouse to make you just as well off as receiving the 100 GhC directly? (bargaining_7_2a) |
| V1368 | bargaining_7_3a | If no answer: Would amount be more or less than 10 GHC ? | discrete | character | [If no answer..] Would the amount be more or less than 10 GhC ? (bargaining_7_3a) |
| V1369 | jumptosectionendifrefusestoanswe | Jump to section end if refuses to answer. | discrete | numeric |  |
| V1370 | sectioniflessthan100 | section if less than 100. | discrete | numeric |  |
| V1371 | bargaining_loopcounter_1a |  | discrete | numeric |  |
| V1372 | bargaining_rangelimit_1a | If more: Highest amount after looping up in increments of 10 | contin | numeric | [Looping up in increments of 10...] Would the amount be more or less than X GhC? [The loop ends when the respondent answers "less". The last value presented to the respondent is recorded as bargaining_rangelimit_1a.] |
| V1373 | bargaining_7_4a |  | discrete | character |  |
| V1374 | bargaining_loopcounter_2a |  | discrete | numeric |  |
| V1375 | bargaining_rangelimit_2b | If less: Lowest amount after looping down in increments of 10 | contin | numeric |  |
| V1376 | bargaining_7_5a |  | discrete | character |  |
| V1377 | bargaining_8a | Place where resp. would store 100 GhC for some time so that noone would take it | discrete | character | If you wanted to keep 100 GhC for some time without anyone taking it, where would you store it? [bargaining_8a] |
| V1378 | bargaining_2b | Free to spend profits on househ. expend.,without consulting oth. househ. members | discrete | character | Are you free to spend the profits you generate in your business on household expenditures, without consulting other members of your household? (bargaining_2b) |
| V1379 | bargaining_3b | Free to spend any part of bus. profits generated on items consumed him-/herself | discrete | character | Apart from money you spend on your household, are you free to spend any part of the profits you generate from your business on items you consume yourself? (bargaining_3b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1380 | bargaining_4b | Sources resp. is able to get money from in an emergency | discrete | character | If you needed money in an emergency, which of the following sources might you be able to get it from? (Please tick all that apply.) (bargaining_4b) |
| V1381 | bargaining_5_1b | Decisions about purchases of food consumed at home made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) PURCHASES OF FOOD CONSUMED AT HOME? |
| V1382 | bargaining_5_2b | Decisions about routine household purchases made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) ROUTINE HOUSEHOLD PURCHASES SUCH AS CLEANING SUPPLIES? |
| V1383 | bargaining_5_3b | Decisions about respondent's clothes made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) YOUR CLOTHES? |
| V1384 | bargaining_5_4b | Decisions about respondent's children's clothes made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) YOUR CHILDREN'S CLOTHES? |
| V1385 | bargaining_5_5b | Decisions about purchases of alcoholic beverages made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) PURCHASE OF ALCOHOLIC BEVERAGES? |
| V1386 | bargaining_5_6b | Decisions about money given to respondent's parents made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) MONEY GIVEN TO YOUR PARENTS? |
| V1387 | bargaining_5_8b | Decisions about purchasing equipment for respondent'S business made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) PURCHASING EQUIPMENT FOR YOUR ENTERPRISE? |
| V1388 | bargaining_5_9b | Decisions about reinvesting profits in respondent's business made by | discrete | character | In your household, who makes decisions about... (Tick all that apply) REINVESTING PROFITS IN YOUR BUSINESS? |
| V1389 | bargaining_6_1b | Profits in resp.'s bus. higher because of involvement of oth. househ. members | discrete | character | The profits of my enterprise are higher because of the other involvement of other household members. (bargaining_6_1b) |
| V1390 | bargaining_6_2b | Other household members help to run enterprise | discrete | character | Other household members help to run the enterprise. (bargaining_6_2b) |
| V1391 | bargaining_6_3b | Because of efforts of oth. househ. members in bus., resp. expects it to do well | discrete | character | Because of the efforts of other household members in the business, I expect the business to do well in the future. (bargaining_6_3b) |
| V1392 | bargaining_6_4b | Doesn't hold much money as cash/invent. in bus. because easily taken by others | discrete | character | I do not hold much money as cash or inventories in my business because it is too easy for household members to take. (bargaining_6_4b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1393 | bargaining_6_5b | Resp. has more control over assets in the business than over money held at home | discrete | character | I have more control over assets in my business than I do over money I hold at home. (bargaining_6_5b) |
| V1394 | bargaining_6_6b | Resp. finds it hard not to spend bus. revenues/working cap. on personal expenses | discrete | character | I find it hard not to spend business revenues/working capital on personal expenses. (bargaining_6_6b) |
| V1395 | bargaining_6_7b | Bus. assets which are equip. are less likely taken by others than cash/invent. | discrete | character | Business assets which are equipment are less likely to be taken by others than business assets which are cash or inventories. (bargaining_6_7b) |
| V1396 | bargaining_7_1b | Respondent has an answer on hypothetical question bargaining_7_2b | discrete | character | Enumerator: Does the respondent have an answer? (bargaining_7_1b) |
| V1397 | bargaining_7_2b | Hypoth.amount given to other househ.memb.,equiv. to giving resp. 100GHc directly | contin | numeric | How much would I have to give that household member to make you just as well off as receiving the 100 GhC directly? (bargaining_7_2b) |
| V1398 | bargaining_7_3a_1 |  | discrete | character |  |
| V1399 | v384 | Jump to section end if refuses to answer. | discrete | numeric |  |
| V1400 | v385 | section if less than 100. | discrete | numeric |  |
| V1401 | bargaining_loopcounter_1a_1 |  | discrete | character |  |
| V1402 | bargaining_rangelimit_1a_1 |  | discrete | character |  |
| V1403 | bargaining_7_4a_1 |  | discrete | character |  |
| V1404 | bargaining_8b | Place where resp. would store 100 GhC for some time so that noone would take it | discrete | character | If you wanted to keep 100 GhC for some time without anyone taking it, where would you store it? [bargaining_8b] |
| V1405 | introduction_stopwatch_3_11 |  | discrete | character |  |
| V1406 | impressions_1 | Person(s) other than the enterprise owner present during the interview | discrete | character | Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist) |
| V1407 | impressions_2 | Interviewer's impression of how well the respondent understood the questions | discrete | character | What is your impression of how well the respondent understood the questions being asked? (impressions_2) |
| V1408 | impressions_3 | Interviewer's impression of seriousness with which the resp. answered questions | discrete | character | What is your impression of the seriousness with which the respondent answered questions? (impressions_3) |
| V1409 | impressions_4 | Interviewer's impression of preciseness with which questions were answered | discrete | character | What is your overall impression of the preciseness with which questions were answered? (impressions_4) |
| V1410 | impressions_5 | Most difficult or troubling sections for the respondent | discrete | character | Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark) |
| V1411 | impressions_6 | Most difficult or troubling sections for the interviewer | discrete | character | Which sections were most difficult or troubling for you? (impressions_6) (ticklist) |

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| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1412 | impressions_7 | Sections that interested the respondents the most | discrete | character | Which sections interested the respondents the most? (impressions_7) (ticklist) |
| V1413 | impressions_8 | Most difficult or troubling questions for the respondent | discrete | character | Which questions were most difficult or troubling for the respondent? (impressions_8) |
| V1414 | impressions_9 | Most difficult or troubling questions for the interviewer | discrete | character | Which questions were most difficult or troubling for you? (impressions_9) |
| V1415 | impressions_10 | Questions that interested the respondents the most | discrete | character | Which questions interested the respondents the most? (impressions_10) |
| V1416 | SingleMultipleMerge |  | discrete | numeric |  |
| V1417 | round3sales | Round3Sales | contin | numeric |  |
| V1418 | v265 | Repeat if blank. | discrete | numeric |  |
| V1419 | v308 | Repeat if blank. | discrete | numeric |  |
| V1420 | bargaining_rangelimit_2a | If less: Lowest amount after looping down in increments of 10 | contin | numeric |  |
| V1421 | bargaining_7_3b | If no answer: Would amount be more or less than 10 GHC | discrete | character |  |
| V1422 | bargaining_rangelimit_1b | If more: Highest amount after looping up in increments of 10 | contin | numeric |  |
| V1423 | bargaining_7_4b |  | discrete | character |  |
| V1424 | bargaining_loopcounter_2b |  | discrete | numeric |  |
| V1425 | bargaining_7_5b |  | discrete | character |  |
| V1426 | sales_large_number | Original 'large' number | discrete | character |  |
| V1427 | sales_large_1 | Verification: sales are correct for sales $>=10000$ | discrete | character |  |
| V1428 | profit_large_number | Original large number | discrete | numeric |  |
| V1429 | profit_large_1 | Verification: Large number is correct | discrete | character |  |
| V1430 | inventories_large_number | Original inventories number | discrete | character |  |
| V1431 | inventories_large_1 | Verification: Large number for inventories is correct | discrete | character |  |
| V1432 | cash_large_number | Original large number | discrete | character |  |
| V1433 | cash_large_1 | Verification: Cash is correct | discrete | character |  |
| V1434 | v273 | Repeat if blank. | discrete | numeric |  |
| V1435 | v316 | Repeat if blank. | discrete | numeric |  |
| V1436 | impressions_additional |  | discrete | character |  |

## GhanaRound5Single_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 5" |
| :--- | :--- |
| Cases | 818 |
| Variable(s) | 340 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1437 | SHENO | Firm identification number | discrete | character |  |
| V1438 | questionnumber | Question Number | discrete | numeric |  |
| V1439 | instance | Instance | discrete | numeric |  |
| V1440 | questionheading | Question heading | discrete | numeric |  |
| V1441 | answer | Answer | discrete | numeric |  |
| V1442 | baselinemonth | BaselineMonth | discrete | character |  |
| V1443 | baselinemonthlessone | BaselineMonthLessOne | discrete | character |  |
| V1444 | questionnaire_starttime | Start time of interview | discrete | character |  |
| V1445 | questionnaire_date | Date of interview | discrete | character |  |
| V1446 | introduction_stopwatch |  | discrete | character |  |
| V1447 | introduction_1 | Interviewer was able to find the owner (1=Yes, $2=\mathrm{No}$ ) | discrete | character | Interviewer: Were you able to find the owner? (introduction_1) |
| V1448 | introduction_2 | Owner agreed to be interviewed again (1=Yes, $2=\mathrm{No}$ ) | discrete | character | Interviewer: Did the owner agree to be interviewed again? (introduction_2) |
| V1449 | jumpoverattritionsection | Jump over attrition section. | discrete | numeric |  |
| V1450 | attritionmarker | AttritionMarker | discrete | numeric |  |
| V1451 | attrition_2 | Owner still operates the business | discrete | character | Does the owner still operate the business? (attrition_2) |
| V1452 | jumprepeatifblank | Jump: Repeat if blank. | discrete | numeric |  |
| V1453 | attrition_3 | Business still seems to be operating in the same location as before | discrete | character | Does the business still seem to be operating in the same location as before? (attrition_3) |
| V1454 | jumptoendsectionifsamelocation | Jump to end section if same location. | discrete | numeric |  |
| V1455 | introduction_3 | Place of interview | discrete | character | Where is the interview taking place? (introduction_3) |
| V1456 | jumprepeatifblank3 | Jump: Repeat if blank (3). | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1457 | introduction_4 | Household is living at same address as in previous round ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4) |
| V1458 | introduction_6 | Respondent still owns and operates a business (1=Yes, 2=No) | discrete | character | Do you still own and operate a business? (introduction_6) |
| V1459 | jumprepeatifblank4 | Jump: Repeat if blank (4). | discrete | numeric |  |
| V1460 | introduction_7 | Respondent is still working in the same location as in July (1=Yes, 2=No) | discrete | character | Are you still working in the same location as you were working in when we interviewed you in July? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7) |
| V1461 | jumptolineofbusinessifsamelocati | Jump to line of business if same location. | discrete | numeric |  |
| V1462 | introduction_9 | Working in the same line of business as last July ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Are you working in the same line of business as when we interviewed you last July? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9) |
| V1463 | jumptoendofsectionifsamelineofbu | Jump to end of section if same line of business. | discrete | numeric |  |
| V1464 | introduction_10 | What happened to the business previously ran? | discrete | character | What happened to the business you previously ran? (introduction_10) |
| V1465 | introduction_11 | Main activity now | discrete | character | What is your main activity now? (introduction_11) (specify) $\qquad$ |
| V1466 | jumptonewlineofbusinessifnewbusi | Jump to new line of business if new business. | discrete | numeric |  |
| V1467 | introduction_12 | New line of business activity | discrete | character | You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12) |
| V1468 | introduction_13 | Verification: Really a new line of business | discrete | character | Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13) |
| V1469 | balance_8a | Respondent owns the land or market space used by the business ( $1=y e s, 2=n o$ ) | discrete | character | Do you currently own the land or market space used by the business? (balance_8a) |
| V1470 | balance_8b | Year when land or market space was purchased | discrete | numeric | In what year did you purchase the land or market space? (balance_8b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1471 | balance_8c | Resale value (today) of land and market space (GHc) | discrete | numeric | How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |
| V1472 | balance_9a | Business has any kiosk/shed/building ( $1=y e s, 2=n o$ ) | discrete | character | Does your business currently have any kiosk/shed/building? (balance_9a) |
| V1473 | balance_9b | Ownership of the kiosk/shed/building (1=Owned, 2=Rented, 3=Borrowed) | discrete | character | Ownership of the kiosk/shed/building: (balance_9b) |
| V1474 | balance_9c | Replacement value of kiosk/shed/building (GHC) | contin | numeric | If you had to replace your <br> kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c) |
| V1475 | balance_10a | Business has any furniture or display cases ( $1=$ Yes, $2=$ No) | discrete | character | Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a) |
| V1476 | balance_10b | Number of different types of furniture or display cases | discrete | numeric | How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b) |
| V1477 | balance_10c | Ownership of FIRST furniture or display cases | discrete | character | FIRST FURNITURE or DISPLAY CASES: <br> Ownership (balance_10c) |
| V1478 | balance_10d | Replacement value of FIRST furniture or display cases (GHc) | contin | numeric | FIRST FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GHc )? |
| V1479 | balance_10e | Ownership of SECOND furniture or display cases | discrete | character | SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e) |
| V1480 | balance_10f | Replacement value of SECOND furniture or display cases (GHc) | discrete | numeric | SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1481 | balance_10g | Ownership of THIRD furniture or display cases | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: <br> Ownership (balance_10g) |
| V1482 | balance_10h | Replacement value of THIRD furniture or display cases (GHc) | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1483 | balance_10i | Ownership of FOURTH furniture or display cases | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1484 | balance_10j | Replacement value of FOURTH furniture or display cases (GHc) | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1485 | balance_11a | Business has any machines or equipment ( $1=\mathrm{Yes}$, $2=\mathrm{No}$ ) | discrete | character | Does your business currently have any MACHINES or EQUIPMENT? (balance_11a) |
| V1486 | balance_11b | Number of different types of machine/equipment | discrete | numeric | How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b) |
| V1487 | balance_11c | Ownership of FIRST machine/equipment (options: owned, rented, borrowed) | discrete | numeric | FIRST <br> MACHINE/EQUIPMENT: <br> Ownership <br> (balance_11c) |
| V1488 | balance_11d | Replacement value of FIRST machine/equipment (GHc) | discrete | numeric | FIRST <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11d) |
| V1489 | balance_11e | Ownership of SECOND machine/equipment (options: owned, rented, borrowed) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11e) |
| V1490 | balance_11f | Replacement value of SECOND machine/equipment (GHC) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11f) |
| V1491 | balance_11g | Ownership of machine/equipment (options: owned, rented, borrowed) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11g) |
| V1492 | balance_11h | Replacement value of THIRD machine/equipment (GHc) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11h) |
| V1493 | balance_11i | Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11i) |
| V1494 | balance_11j | Replacement value of FOURTH machine/equipment (GHC) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11j) |
| V1495 | balance_12a | Business currently has any other equipment, tools, and utensils ( $1=$ Yes, $2=$ No) | discrete | character | Does your business currently have any other tools and utensils (including vehicles)? (balance_12a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1496 | balance_12b | Number of different types of other equipment, tools or utensils | discrete | numeric | If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b) |
| V1497 | balance_12c | Ownership of FIRST other equipment, tools or utensils | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c) |
| V1498 | balance_12d | Replacement cost of FIRST other equipment, tools or utensils (GHc) | contin | numeric | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d) |
| V1499 | balance_12e | Ownership of SECOND other equipment, tools or utensils | discrete | character | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e) |
| V1500 | balance_12f | Replacement cost of SECOND other equipment, tools or utensils (GHc) | discrete | numeric | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f) |
| V1501 | balance_12g | Ownership of THIRD other equipment, tools or utensils | discrete | character | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g) |
| V1502 | balance_12h | Replacement cost of THIRD other equipment, tools or utensils (GHc) | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost ( GHc )? (balance_12h) |
| V1503 | balance_12i | Ownership of FOURTH other equipment, tools or utensils | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i) |
| V1504 | balance_12j | Replacement cost of FOURTH other equipment, tools or utensils (GHc) | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12j) |
| V1505 | balance_13a | Automatic sum of assets, excluding land, buildings and market space | contin | numeric | PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space. |
| V1506 | balance_13b | Verification: accuracy of 'balance_13a' | discrete | character | The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1507 | balance_13c | What has been missed or double-counted? | discrete | numeric | What have we missed or double-counted? (balance_13c) |
| V1508 | balance_13d | Estimate:total replacement cost of assets(excl. land, buildings or market space) | discrete | numeric | What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d) |
| V1509 | balance_14a | Bus. holds products for sale,raw materials, products in production or spare parts | discrete | character | When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a) |
| V1510 | balance_14b | Total purchase cost of stocks and inventories (GHC) | contin | numeric | What is the total purchase cost of these goods (GHc)? (balance_14b) |
| V1511 | jumptoinventoriesclarificationif | Jump to inventories clarification if zero inventories (1). | discrete | numeric |  |
| V1512 | balance_14c | Value of items on hand to sell (GHc) | discrete | numeric | You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c) |
| V1513 | balance_14d | Cash for business (Includes cash held at home, at the bank or with a susu) | contin | numeric | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (balance_14d) |
| V1514 | hours_stopwatch |  | discrete | character |  |
| V1515 | business_6a | Days spent working in the business - LAST week | discrete | numeric | How many hours a week do you personally spend working in the business? Days worked |
| V1516 | business_6b | Hours spent working in the business per day - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Hours per day |
| V1517 | business_6c | Total hours spent working in the business - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Total hours (Number of days * Hours per day) |
| V1518 | business_8a | Days spent working full effort in the business - FULL EFFORT LAST WEEK | discrete | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Days worked |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1519 | business_8b | Hours of full effort per day - FULL EFFORT LAST WEEK | discrete | character | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Hours of full effort per day |
| V1520 | business_8c | Total hours of full effort - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Total hours (Number of days * Hours per day) |
| V1521 | otherworkers_1 | Apart from respondent, any other unpaid or paid workers in the business | discrete | character | Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1) |
| V1522 | otherworkers_2 | Hours in total household members apart from resp. worked in business last week | contin | numeric | How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2) |
| V1523 | otherworkers_3 | Number of hours in total apprentices worked in the business | contin | numeric | How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3) |
| V1524 | otherworkers_4 | Number of hours in total non-household paid employees worked in the business | discrete | character | How many hours in total did non-household paid employees work in the business? |
| V1525 | business_11 | Number of days business was not operating in October 2009 | discrete | character | For how many days was your business NOT operating in April 2009? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11) |
| V1526 | business_12a | Number of days business was closed because respondent was ill | discrete | character | For how many days was the business closed because you were ill? (business_12a) |
| V1527 | business_12b | Number of days business was closed because someone else was ill | discrete | character | For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1528 | business_12c | Number of days business was closed because of other family or community events | contin | numeric | For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c) |
| V1529 | expenses_stopwatch |  | discrete | character |  |
| V1530 | income_3a | Purchase of raw materials and items for resale Monthly expenses for Oct. 2009 | contin | numeric | Purchase of raw materials and items for resale: (income_3a) |
| V1531 | income_3b | Purchase of electricity, water, gas and fuel Monthly expenses for Oct. 2009 | contin | numeric | Purchase of electricity, water, gas and fuel: (income_3b) |
| V1532 | income_3c | Payments to employees and apprentices - Monthly expenses for Oct. 2009 | contin | numeric | Payments to employees and apprentices: (income_3c) |
| V1533 | income_3d | Expenditure on telephone and cellphone airtime Monthly expenses for Oct. 2009 | contin | numeric | Expenditure on telephone and cellphone airtime: (income_3d) |
| V1534 | income_3e | Maintenance, repair, and transportation - Monthly expenses for Oct. 2009 | contin | numeric | Maintenance, repair, and transportation: (income_3e) |
| V1535 | income_3f | Rent of machinery and equipment - Monthly expenses for Oct. 2009 | contin | numeric | Rent of machinery and equipment: (income_3f) |
| V1536 | income_3g | Interest paid on loans(in GHc , not percentage terms) <br> - Monthly expenses,Oct. 2009 | contin | numeric | Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g) |
| V1537 | income_3h | Gifts,tips and bribes given to gov. officials - Monthly expenses for Oct. 2009 | contin | numeric | Gifts, tips and bribes given to government officials: (income_3h) |
| V1538 | income_3i | Automatic sum of total monthly expenses | discrete | character | Automatically sum the total monthly expenses (income_3i) |
| V1539 | income_3j | Verification: Sum of the expenses just listed for last month was accurate | discrete | character | The sum of the expenses you just listed for the last month was \{Total Monthly Expenses $\}$ GHc. Does this seem accurate? (income_3j) |
| V1540 | income_3k | Estimate of total of expenses for the last month | contin | numeric | What do you estimate to be the total of these expenses for the last month? (income_3k) |
| V1541 | sales_stopwatch |  | discrete | character |  |
| V1542 | income_2a | Total monthly sales of the business (Including sales of services) GHc- Oct. 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For October 2009 (GHc) (income_2a) |
| V1543 | income_2b | Total monthly sales of the business (Including sales of services) GHc- Sept. 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For September 2009 (GHc) (income_2b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1544 | income_2c | Total monthly sales of the business (Including sales of services) GHc- Aug. 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For August 2009 (GHc) (income_2c) |
| V1545 | sales_large_number | Original 'large' number | contin | numeric |  |
| V1546 | sales_large_1 | Verification: Sales are correct for sales $>=10000$ | discrete | character | Your reported sales for October is X . This is a large number. Is this correct? <br> (sales large_1) |
| V1547 | round4sales | Round4Sales | discrete | character |  |
| V1548 | percentage_sales |  | contin | numeric |  |
| V1549 | neg_percentage_sales |  | contin | numeric |  |
| V1550 | change_sales_sq |  | discrete | character |  |
| V1551 | sales_1 | Verification: Substantial percentage change in sales is correct | discrete | character | You said sales for October 2009 were X, and in the last survey you told us sales for October 2009 were Y. Is it correct that your sales have changed this much? (sales_1) |
| V1552 | sales_2 | July 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think October 2009 and July 2009 sales actually were? July 2009 sales: (sales_2) |
| V1553 | sales_3 | October 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? October 2009 sales: (sales_3) |
| V1554 | product_stopwatch |  | discrete | character |  |
| V1555 | product_1 | Most important product or service sold still same as in Round 4 | discrete | character | In the last survey, you told us that the most important product or service you sold was [x]. Is this still your most important product or service? (product_1) |
| V1556 | repeatifblank | Repeat if blank. | discrete | numeric |  |
| V1557 | income_7a | Name of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a) |
| V1558 | income_7b_1 | Unit of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE Unit: (income_7b_1) |
| V1559 | income_7b_2 | Sale price per unit (GHc) of most important product or service | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE Sale price per unit (GHc): (income_7b_2) |
| V1560 | income_7c | Cost of raw materials for one unit (GHc) of most important product or service | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit ( GHc ): (income_7c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1561 | income_7d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_7d) |
| V1562 | income_7e | Verification: Correct that product is sold for the same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e) |
| V1563 | income_7f | Verification: Correct that materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_7f) |
| V1564 | income_7g | Units sold in the last month of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g) |
| V1565 | income_7h | Share of most important product or service in total sales (\%) | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h) |
| V1566 | jumptoendifpreviousisblank | Jump to end if previous is blank. | discrete | numeric |  |
| V1567 | jumptoerrormessageifsharenegativ | Jump to error message if share negative. | discrete | numeric |  |
| V1568 | percentage_price |  | discrete | character |  |
| V1569 | neg_percentage_price |  | contin | numeric |  |
| V1570 | change_price_sq |  | discrete | character |  |
| V1571 | prices_1 | Verification: Sale price for main product changed substantially | discrete | character | You said that the sale price for your main product in July 2009 was X GHc. In the previous survey, you told us that the sale price for your main product for April was Y GHc. Is it correct that the sale price for your main product has changed this much? (prices_1) |
| V1572 | prices_2 | Correct price for main product (GHC) - July 2009 | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. July 2009 price for your main product (GHc): (prices_2) |
| V1573 | prices_3 | Correct price for main product (GHc) - October 2009 | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. October 2009 price for your main product: (prices_3) |
| V1574 | product_2 | Started manufacturing/selling new product/offering new service in last 3 months | discrete | character | Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2) |
| V1575 | jumprepeatifblank2 | Jump: Repeat if blank (2) | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1576 | product_3 | Type/Name of new product(s) or service(s) | discrete | character | What is/are the new product(s) or service(s)? (product_3) |
| V1577 | product_4 | Percentage of total sales made by the new product(s) or service(s) | contin | numeric | What percentage of total sales do the new product(s) or service(s) make? (product_4) |
| V1578 | income_stopwatch |  | discrete | character |  |
| V1579 | income_4a | Question on profits answered ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | After paying all expenses, what was the income of the business (the profits) during October 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a) |
| V1580 | income_4b | Profit during October 2009 | discrete | character | After paying all expenses, what was the income of the business (the profits) during October 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Profit: (income_4b) |
| V1581 | income_4c | Profit range [Categories provided] | discrete | numeric | After paying all expenses, what was the income of the business (the profits) during October 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Was the amount: (income_4c) |
| V1582 | income_4d | Proportion of profits that is typically invested into the business | contin | numeric | What proportion of this amount do you typically invest in your business (\%)? (income_4d) |
| V1583 | income_4e | 'income_4d' included value of goods or serv. that resp. and household consumed | discrete | character | In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business? |
| V1584 | income_4f | Value of goods and services that resp. and household consumed from - Oct. 2009 | contin | numeric | What was the value of the goods and services that you and your household consumed from the business in October 2009? (income_4f) |
| V1585 | income_5c | Correct value for sales in October 2009 | contin | numeric | What is the correct value for sales in October 2009? (income_5c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1586 | income_5d | Correct value for profits in October 2009 | contin | numeric | What is the correct value for profits in October 2009? (income_5d) |
| V1587 | income_6c | Correct value for sales in October 2009 | contin | numeric | What is the correct value for sales in October 2009? (income_6c) |
| V1588 | income_6d | Correct value for profits in October 2009 | contin | numeric | What is the correct value for profits in October 2009? (income_6d) |
| V1589 | percentage_profit |  | contin | numeric |  |
| V1590 | neg_percentage_profit |  | contin | numeric |  |
| V1591 | change_profit_sq |  | discrete | character |  |
| V1592 | profits_1 | Verification: percentage change in profits is correct if it is significant | discrete | character | You said that profits for October 2009 were X. In the previous survey, you told us that profits for [month] were Y. Is it correct that your profit has changed this much? |
| V1593 | profits_2 | July 2009 profits if profits_1==No | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. [earlier month] 2009 profit: |
| V1594 | profits_3 | October 2009 profits if profits_1==No | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. October 2009 profit |
| V1595 | lookupround4profit | LookupRound4Profit | discrete | character |  |
| V1596 | profits_4 |  | contin | numeric |  |
| V1597 | profits_5 |  | discrete | numeric |  |
| V1598 | lookupround4sales | LookupRound4Sales | discrete | character |  |
| V1599 | profits_6 |  | contin | numeric |  |
| V1600 | profits_7 |  | discrete | numeric |  |
| V1601 | income_12a | Number of businesses owned | discrete | numeric | How many businesses do you own? (income_12a) [skip if only one] |
| V1602 | income_12b | Money taken home from other businesses in October | contin | numeric | How much money did you take home from these other businesses in October? Include the money you saved or gave to family and friends. (income_12b) |
| V1603 | income_10a | Any free goods or serv. given to non-members of resp.'s household? - Oct. 2009 | discrete | character | In October 2009, did you give any free goods or services to non-members of your household? (income_10a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1604 | income_10b | Approximate sale value of the goods and services given for free (GHc) | contin | numeric | What is the approximate sale value of the goods and services given for free (GHc)? (income_10b) |
| V1605 | income_13a | Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a) |
| V1606 | income_13b | Total income made from renting land or rooms in October 2009 | contin | numeric | In October 2009, what was your total income you made from renting land or rooms? (income_13b) |
| V1607 | reciprocity_1 | Anyone other than employees used any business assets, during past 3 months | discrete | character | During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1) |
| V1608 | reciprocity_2 | Types of assets used | discrete | character | (If yes) which of the following types of assets did they use? (Please tick all that apply.) (reciprocity_2) |
| V1609 | reciprocity_3 | Frequency of usage | discrete | character | (If yes) Which of the following apply? (reciprocity_3) |
| V1610 | reciprocity_4 | Respondent received rental income as compensation for use of any of the assets | discrete | character | Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4) |
| V1611 | reciprocity_5 | Revenue from rental of business assets in October (GHc) | contin | numeric | (If yes) During October, what was your revenue from rental of business assets? (GhC) (reciprocity_5) |
| V1612 | reciprocity_6 | Included revenue from rental in the business income reported earlier | discrete | character | Have you included the revenue from rental in the business income you reported earlier? (reciprocity_6) |
| V1613 | reciprocity_7 | Received other compensation | discrete | character | Did you receive some other compensation, such as gifts, household services, or the use of assets of another business? (reciprocity_7) |
| V1614 | inventories_stopwatch |  | discrete | character |  |
| V1615 | inventories_1 | Bus. holds products for sale,raw materials,products in production or spare parts | discrete | character | When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1) |
| V1616 | inventories_2 | Total purchase cost of inventories (GHc) | contin | numeric | What is the total purchase cost of these goods (GHc)? (inventories_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1617 | inventories_3 | Value of items on hand to sell (GHc) | discrete | character | You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHC)? (inventories_3) |
| V1618 | percentage_inventories |  | contin | numeric |  |
| V1619 | neg_percentage_inventories |  | contin | numeric |  |
| V1620 | change_inventories_sq |  | discrete | character |  |
| V1621 | inventories_5 | Verification: Change in inventories holding is correct | discrete | character | You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number ' $Y$ ' was looked up correctly to trigger the check, but then referenced wrongly in this question.] Is is correct that your inventories holding has changed that much? (inventories_5) |
| V1622 | inventories_6 | Correct total purchase cost of inventories held at the start of business today | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6) |
| V1623 | inventories_7 | Correct value for previous survey | contin | numeric | What was the correct value for the previous survey? (inventories_7) |
| V1624 | inventories_4 | Cash currently hold for the business | contin | numeric | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4) |
| V1625 | percentage_cash |  | contin | numeric |  |
| V1626 | neg_percentage_cash |  | contin | numeric |  |
| V1627 | change_cash_sq |  | discrete | character |  |
| V1628 | cash_1 | Verification: change in cash holding is correct | discrete | character |  |
| V1629 | cash_2 | Correct value of cash currently available | contin | numeric | You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2) |
| V1630 | cash_3 |  | contin | numeric |  |
| V1631 | assets_stopwatch |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1632 | assets_1 | Add. land/buildings/furniture/machines/equip./tools/other assets since July | discrete | character | Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our July interview? (assets_1) |
| V1633 | assets_2a | Business acquired any land or market space used by the business since July | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? Land or market space |
| V1634 | assets_2b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Land or market space |
| V1635 | assets_2c | Purchase cost of land or market space (GHc) | discrete | character | What is the purchase cost of [x]? (GHc) Land or market space |
| V1636 | assets_3a | Business acquired any kiosk,shed or building used by the business since July | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Kiosk, shed or building |
| V1637 | assets_3b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Kiosk, shed or building |
| V1638 | assets_3c | Purchase cost of kiosk, shed or building (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Kiosk, shed or building |
| V1639 | assets_4a | Business acquired any furniture and display cases used by business since July | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? Furniture and display cases |
| V1640 | assets_4b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Furniture and display cases |
| V1641 | assets_4c | Purchase cost of furniture and display cases (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Furniture and display cases |
| V1642 | assets_5a | Business acquired any machines and equipment used by the business since July | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Machines and equipment |
| V1643 | assets_5b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Machines and equipment |
| V1644 | assets_5c | Purchase cost of machines and equipment (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Machines and equipment |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1645 | assets_6a | Business acquired any other equipment, tools and utensils since July | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Other equipment, tools and utensils |
| V1646 | assets_6b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Other equipment, tools and utensils |
| V1647 | assets_6c | Purchase cost of other equipment, tools and utensils (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Other equipment, tools and utensils |
| V1648 | assets_7 | Disp. of land/build./furniture/machines/equip./tools/other assets since July | discrete | character | Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_7) |
| V1649 | assets_8a | Sold/returned/lost/otherwise disposed of any land or market space since July | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Land or market space |
| V1650 | assets_8b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space |
| V1651 | assets_8c | Sale price or value of land or market space (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Land or market space |
| V1652 | assets_9a | Sold/returned/lost/otherwise disposed of kiosk,shed or building since July | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Kiosk, shed or building |
| V1653 | assets_9b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building |
| V1654 | assets_9c | Sale price or value of kiosk, shed or building (GHC) | contin | numeric | What is the sale price or value of [x]? (GHc) Kiosk, shed or building |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1655 | assets_10a | Sold/returned/lost/otherwise disposed of furnit. and display cases since July | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Furniture and display cases |
| V1656 | assets_10b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases |
| V1657 | assets_10c | Sale price or value of furniture and display cases (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Furniture and display cases |
| V1658 | assets_11a | Sold/returned/lost/otherwise disposed of any machines and equip. since July | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Machines and equipment |
| V1659 | assets_11b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment |
| V1660 | assets_11c | Sale price or value of machines and equipment (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Machines and equipment |
| V1661 | assets_12a | Sold/returned/lost/otherwise disp. of other equip.,tools,utensils since July | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any $[X]$ used by the business since [the earlier interview?] Other equipment, tools and utensils |
| V1662 | assets_12b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils |
| V1663 | assets_12c | Sale price or value of other equipment, tools and utensils (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Other equipment, tools and utensils |
| V1664 | credit_stopwatch |  | discrete | character |  |
| V1665 | credit_1 | Respondent uses susu collector to deposit money (1=Yes, 2=No) | discrete | character | Do you use a susu collector to deposit money? (credit_1) |
| V1666 | jumpifnosusucollector | Jump if no susu collector. | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1667 | credit_2 | Average deposit made with the susu collector each day during October 2009 (GHc) | contin | numeric | On average, how much did you deposit with the susu collector each day during October 2009 (GHc)? (credit_2) |
| V1668 | credit_3 | Received a new loan from a bank since May (1=Yes, $2=\mathrm{No}$ ) | discrete | character | Have you received a new loan from a bank since [reference baseline survey month]? (credit_3) |
| V1669 | credit_4 | Amount of the loan from bank | contin | numeric | If yes, what was the amount of the loan? (credit_4) |
| V1670 | credit_5 | Received a new loan from a microfinance organization since May ( $1=$ Yes, $2=$ No) | discrete | character | Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5) |
| V1671 | credit_6 | Amount of the loan from microfinance organization | contin | numeric | If yes, what was the amount of the loan? (credit_6) |
| V1672 | credit_7 | Received a new loan from family or friends for the business since May | discrete | character | Have you received a new loan from family or friends for the business since May? (credit_7) |
| V1673 | credit_8 | Amount of the loan from family or friends | contin | numeric | If yes, what was the amount of the loan? (credit_8) |
| V1674 | expenditure_stopwatch |  | discrete | character |  |
| V1675 | household_2a | Last WEEK'S household expenditure on: Food and drink for home consumption | contin | numeric | Last week: How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a) |
| V1676 | household_2b | Last WEEK'S household expenditure on: Food and drink consumed outside the home | contin | numeric | Last week: How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b) |
| V1677 | household_3a | Last MONTH's household expenditures on: Housing | contin | numeric | How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a) |
| V1678 | household_3b | Last MONTH's household expenditures on: Fuel and Light | contin | numeric | How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1679 | household_3c | Last MONTH's household expenditures on: Non-durable household goods | contin | numeric | How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c) |
| V1680 | household_3d | Last MONTH's household expenditures on: Communication | contin | numeric | How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal) |
| V1681 | household_3e | Last MONTH's household expenditures on: Recreation and entertainment | discrete | character | How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery) |
| V1682 | household_3f | Last MONTH's household expenditures on: Transport | contin | numeric | How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees) |
| V1683 | household_3g | Last MONTH's household expenditures on: Household services | contin | numeric | How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g) |
| V1684 | household_3h | Last MONTH's household expenditures on: Personal care services | contin | numeric | How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h) |
| V1685 | household_3i | Last MONTH's household expenditures on: Contributions to associations | contin | numeric | How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i) |
| V1686 | household_4a | Over past THREE MONTHS household expenditures on: Clothing and textiles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a) |
| V1687 | household_4b | Over past THREE MONTHS household expenditures on: Footwear | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b) |
| V1688 | household_4c | Over past THREE MONTHS household expenditures on: Funerals,weddings,ceremonies | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1689 | household_4d | Over past THREE MONTHS household expenditures on: Electronic goods | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d) |
| V1690 | household_4e | Over past THREE MONTHS household expenditures on: Household furnishings | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e) |
| V1691 | household_4f | Over past THREE MONTHS household expenditures on: Household appliances | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f) |
| V1692 | household_4g | Over past THREE MONTHS household expenditures on: Vehicles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)? (household_4g) |
| V1693 | household_4h | Over past THREE MONTHS household expenditures on: Health expenses | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h) |
| V1694 | household_4i | Over past THREE MONTHS household expenditures on: Education | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i) |
| V1695 | transfers_stopwatch |  | discrete | character |  |
| V1696 | transfers_1 | Made payments in cash or goods to people living outside household, past 3 months | discrete | character | During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1) |
| V1697 | v266 | Repeat if blank. | discrete | numeric |  |
| V1698 | transfers_2 | Transfer made to | discrete | character | To whom did you make the transfers? (transfers_2) |
| V1699 | transfers_3 | Approximate amount of cash given to people outside the household, past 3 months | contin | numeric | Approximately how much cash did you give to people outside your household during the past three months? (transfers_3) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1700 | transfers_4 | Approx. value of goods provided to people outside the household, past 3 months | contin | numeric | What is the approximate value of the goods you provided to people outside your household during the past three months? (transfers_4) |
| V1701 | transfers_5 | Received any transfers in cash or goods from people living outside the household | discrete | character | During the past three months, did you receive any transfers in cash or goods from people living outside your household? (transfers_5) |
| V1702 | transfers_6 | Received transfer from | discrete | character | Who did you receive the transfers from? (transfers_6) |
| V1703 | transfers_7 | Approx. amount of cash received from people outside household, past three months | contin | numeric | Approximately how much cash did you receive from people outside your household during the past three months? (transfers_7) |
| V1704 | transfers_8 | Approx. value of goods received from people outside household, past three months | contin | numeric | What is the approximate value of the goods you received from people outside your household during the past three months? (transfers_8) |
| V1705 | treatment_stopwatch |  | discrete | character |  |
| V1706 | treatmenttype | TreatmentType | discrete | character |  |
| V1707 | treatmenttype2 | TreatmentType2 | discrete | character |  |
| V1708 | treatmenttype3 | TreatmentType3 | discrete | character |  |
| V1709 | treatment_a_1a | Added some of own money to the gift ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc. Did you do this? (treatment_a_1a) |
| V1710 | treatment_a_1b | Amount added | contin | numeric | How much your own money did you add? (treatment_a_1b) |
| V1711 | treatment_a_2 | Items bought with cash received | discrete | character | What did you buy with the cash that you received? (treatment_a_2) |
| V1712 | treatment_a_3 | Amount of cash received spent on business materials and inventories | contin | numeric | Of the cash that you received, how much did you spend on Business materials and inventories? |
| V1713 | treatment_a_4 | Amount of cash received spent on business equipment | contin | numeric | Of the cash that you received, how much did you spend on Business equipment? |
| V1714 | treatment_a_5 | Amount of cash received spent on repayment of business loans | discrete | numeric | Of the cash that you received, how much did you spend on Repayment of business loans? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1715 | treatment_a_6 | Amount of cash received spent on other business expenses | discrete | numeric | Of the cash that you received, how much did you spend on Other business expenses? |
| V1716 | treatment_a_7 | Amount of cash received spent on household food | discrete | numeric | Of the cash that you received, how much did you spend on Household food? |
| V1717 | treatment_a_8 | Amount of cash received spent on household durable assets | discrete | numeric | Of the cash that you received, how much did you spend on Household durable assets? |
| V1718 | treatment_a_9 | Amount of cash received spent on personal clothing | discrete | numeric | Of the cash that you received, how much did you spend on Personal clothing? |
| V1719 | treatment_a_10 | Amount of cash received spent on gifts to others | discrete | numeric | Of the cash that you received, how much did you spend on Gifts to others? |
| V1720 | treatment_a_11 | Amount of cash received spent on school supplies and school fees | contin | numeric | Of the cash that you received, how much did you spend on School supplies and school fees? |
| V1721 | treatment_a_12 | Amount of cash received spent on any other household business | discrete | numeric | Of the cash that you received, how much did you spend on Any other household business? |
| V1722 | treatment_a_13 | Amount of cash received that was saved | contin | numeric | Of the cash that you received, how much did you save? (treatment_a_13) |
| V1723 | treatmentsum1 | Total treatment spending | discrete | numeric |  |
| V1724 | treatmentdiff1 | 150 GHC - total treatment spending | discrete | numeric |  |
| V1725 | treatment_a_14 | Verification: total sum spent on other items is correct | discrete | character | You have listed a total of [sum] GHc. This means that you spent [150 - sum] on OTHER items. Is this correct? (treatment_a_14) |
| V1726 | jumptosectionendifspentnothingon | Jump to section end if spent nothing on business materials and inventories. | discrete | numeric |  |
| V1727 | treatment_a_15 | Amount of materials and inventories sold | contin | numeric | You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15) |
| V1728 | jumpovertheerrormessageifanswers | Jump over the error message if answer <= spending. | discrete | numeric |  |
| V1729 | treatment_a_16 | Amount of materials and inventories lost to spoilage, waste or theft | discrete | numeric | How much of this have you lost to spoilage, waste or theft (GHc)? (treatment_a_16) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1730 | treatment_a_17a | Amount of the gift spent on things just for respondent | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for you? |
| V1731 | treatment_a_17b | Amount of the gift spent on things just for respondent's spouse | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your spouse? |
| V1732 | treatment_a_17c | Amount of the gift spent on things just for respondent's children | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your children? |
| V1733 | treatment_a_17d | Amount of the gift spent on things just for resp. and his/her family jointly | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things for you and your family jointly? |
| V1734 | treatment_a_17e | Amount spent on things for people other than resp./his/her spouse/childr. | discrete | numeric | Apart from money spent on the business, how much of the grant ended up being spent on things Things for people other than you, your spouse or children? |
| V1735 | treatment_b_1 | Received any equipment | discrete | character | Did you receive any EQUIPMENT? (treatment_b_1) |
| V1736 | jumpoverequipmentsectionifnoequi | Jump over equipment section if no equipment. | discrete | numeric |  |
| V1737 | treatment_b_2 | Amount of equipment received that has been sold | contin | numeric | How much of the EQUIPMENT that you received have you sold (GHc)? (treatment_b_2) |
| V1738 | treatment_b_3 | Received any inventories or materials | discrete | numeric | Did you receive any INVENTORIES OR MATERIALS? (treatment_b_3) |
| V1739 | treatment_b_4 | Amount of inventories or materials received that has been sold | contin | numeric | How much of the INVENTORIES AND MATERIALS that you have received have you sold (GHc)? (treatment_b_4) |
| V1740 | treatment_b_5 | Purchased NEW INVENT./MATERIALS since receiving this gift vs. not receiving it | discrete | character | Have you purchased NEW INVENTORIES OR MATERIALS since receiving this gift? Please compare to the amount that you would HAVE PURCHASED if you had NOT received the gift. (treatment_b_5) |
| V1741 | v310 | Repeat if blank. | discrete | numeric |  |
| V1742 | treatment_c_1a | Amount of the 150 GHc in-kind treatment that remains in business | contin | numeric | How much of the 150 GHc remains in the business? (treatment_c_1a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1743 | treatment_c_2a | Amount of the 150 GHc in-kind treatment that has been taken out of the business | contin | numeric | How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2a) |
| V1744 | treatment_c_sum | Sum of treatment_c_la and treatment_c_2a | contin | numeric |  |
| V1745 | treatment_c_1b | Confirmation: amount of the 150 GHc in-kind treatment that remains in business | contin | numeric | These values did not add to 150 GHc . Please confirm the answers. Please confirm: How much of the 150 GHc remains in the business? (treatment_c_1b) |
| V1746 | treatment_c_2b | Confirmation: Amount of the 150 GHc in-kind treatment that has been taken out | contin | numeric | These values did not add to 150 GHc . Please confirm the answers. Please confirm: How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2b) |
| V1747 | treatment_d_1a | Amount of the 150 GHc cash treatment that remains in business | contin | numeric | How much of the 150 GHc remains in the business? (treatment_d_1a) |
| V1748 | treatment_d_2a | Amount of the 150 GHc cash treatment that remains in the household | contin | numeric | How much of the 150 GHc remains in the household? (treatment_d_2a) |
| V1749 | treatment_d_3a | Amount of the 150 GHc cash treatment that has been spent on non-business things | contin | numeric | How much of the 150 GHc has been spent on non-business things? (treatment_d_3a) |
| V1750 | treatment_d_4a | Amount of the 150 GHc cash treatment saved outside of business or household | contin | numeric | How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4a) |
| V1751 | treatment_d_sum | Sum of spending | contin | numeric |  |
| V1752 | treatment_d_1b | Confirmation:Amount of 150 GHc cash treatment that remains in business | discrete | character | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc remains in the business? (treatment_d_1b) |
| V1753 | treatment_d_2b | Confirmation:Amount of 150 GHc cash treatment that remains in the household | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc remains in the household? (treatment_d_2b) |
| V1754 | treatment_d_3b | Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc has been spent on non-business things? (treatment_d_3b) |
| V1755 | treatment_d_4b | Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1756 | background_1 | Father's years of education | discrete | character | How many years of education did your father complete? |
| V1757 | background_2 | Mother's years of education | discrete | character | How many years of education did your mother complete? (background_2) |
| V1758 | background_3 | Country respondent lived in when 6 yrs old ( $1=$ Ghana, $2=$ Another country) | discrete | character | When you were 6 years old, did you live in Ghana or in another country? (background_3) |
| V1759 | background_4 | Other country respondent lived in when 6 yrs old | discrete | character | When you were 6 years old, which country did you live in? (background_4) |
| V1760 | background_5 | Place respondent lived when 6 yrs old | discrete | character | Where did you live when you were 6 years old? (background_5) |
| V1761 | v331 | Repeat if blank. | discrete | numeric |  |
| V1762 | background_6 | Name of city/town that resp. lived in when 6 yrs old | discrete | character | What was the name of the city/town that you lived in when you were 6 years old? (background_6) |
| V1763 | background_7 | Name of area that resp. lived in when 6 yrs old | discrete | character | What was the name of the area that you lived in when you were 6 years old? (background_7) |
| V1764 | introduction_stopwatch_3_11 |  | discrete | character |  |
| V1765 | impressions_1 | Person(s) other than the enterprise owner present during the interview | discrete | character | Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist) |
| V1766 | impressions_2 | Interviewer's impression of how well the respondent understood the questions | discrete | character | What is your impression of how well the respondent understood the questions being asked? (impressions_2) |
| V1767 | impressions_3 | Interviewer's impression of seriousness with which the resp. answered questions | discrete | character | What is your impression of the seriousness with which the respondent answered questions? (impressions_3) |
| V1768 | impressions_4 | Interviewer's impression of preciseness with which questions were answered | discrete | character | What is your overall impression of the preciseness with which questions were answered? (impressions_4) |
| V1769 | impressions_5 | Most difficult or troubling sections for the respondent | discrete | character | Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark) |
| V1770 | impressions_6 | Most difficult or troubling sections for the interviewer | discrete | character | Which sections were most difficult or troubling for you? (impressions_6) (ticklist) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1771 | impressions_7 | Sections that interested the respondents the most | discrete | character | Which sections interested the respondents the most? (impressions_7) (ticklist) |
| V1772 | impressions_8 | Most difficult or troubling questions for the respondent | discrete | character | Which questions were most difficult or troubling for the respondent? (impressions_8) |
| V1773 | impressions_9 | Most difficult or troubling questions for the interviewer | discrete | character | Which questions were most difficult or troubling for you? (impressions_9) |
| V1774 | impressions_10 | Questions that interested the respondents the most | discrete | character | Which questions interested the respondents the most? (impressions_10) |
| V1775 | SingleMultipleMerge |  | discrete | numeric |  |
| V1776 | background_stopwatch |  | discrete | character |  |

## GhanaRound6Multiple_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 6", section "Household Roster and <br> Expenditure" |
| :--- | :--- |
| Cases | 2200 |
| Variable(s) | 20 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1777 | SHENO | SHENO | discrete | character |  |
| V1778 | questionnumber | Question Number | discrete | character |  |
| V1779 | instance | Instance | discrete | character |  |
| V1780 | questionheading | Question heading | discrete | character |  |
| V1781 | answer | Answer | discrete | numeric |  |
| V1782 | roster_1 | Gender (1=female, $2=$ male ) | discrete | character | Sex |
| V1783 | roster_2 | Relationship to household head | discrete | character | Relationship to the household head (roster_2) |
| V1784 | roster_3 | Age | discrete | character | Age (roster_3) |
| V1785 | roster_4 | Years of education completed | discrete | character | How many years of education has this person completed? (roster_4) |
| V1786 | roster_5 | Marital status | discrete | character | Marital status: (roster_5) |
| V1787 | roster_6 | Activities involved at present | discrete | character | What activities is this person involved in at present? (ticklist) (roster_6) |
| V1788 | roster_7 | Hours worked in a normal week | discrete | character | If employed, how many hours does/did this person work in a normal week? (roster_7) |
| V1789 | roster_8 | Earnings in a normal month if employed | discrete | character | If employed, how much does this person earn in a normal month (GHc)? (roster_8) |
| V1790 | roster_9 | Assists in respondent's business $\text { (1=Yes, } 2=\text { No })$ | discrete | character | Does this person assist in the respondent's business? (roster_9) |
| V1791 | roster_10 | Hours worked in respondent's business last week | discrete | character | Hours worked in the respondent's business last week: (roster_10) |
| V1792 | roster_11 | Receiving pay by respondent's business | discrete | character | How is this person paid by the respondent's business? (roster_11) |
| V1793 | roster_12 | Apprentice in respondent's business $\text { (1=Yes, } 2=\text { No })$ | discrete | character | Is this person an apprentice in the respondent's business? (roster_12) |
| V1794 | roster_selfemp |  | discrete | character |  |
| V1795 | roster_7a |  | discrete | character |  |
| V1796 | roster_8a |  | discrete | character |  |

## GhanaRound6Single_la

| Content | Data from "Ghana Microenterprise Questionnaire - Round 6" |
| :--- | :--- |
| Cases | 823 |
| Variable(s) | 392 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1797 | SHENO | Firm identification number | discrete | character |  |
| V1798 | baselinemonth | BaselineMonth | discrete | character |  |
| V1799 | baselinemonthlessone | BaselineMonthLessOne | discrete | character |  |
| V1800 | questionnaire_starttime | Start time of interview | discrete | character |  |
| V1801 | questionnaire_date | Date of interview | discrete | character |  |
| V1802 | introduction_stopwatch |  | discrete | character |  |
| V1803 | introduction_1 | Interviewer was able to find the owner ( $1=$ Yes, $2=$ No) | discrete | character | Interviewer: Were you able to find the owner? (introduction_1) |
| V1804 | introduction_2 | Owner agreed to be interviewed again (1=Yes, $2=$ No) | discrete | character | Interviewer: Did the owner agree to be interviewed again? (introduction_2) |
| V1805 | jumpoverattritionsection | Jump over attrition section. | discrete | numeric |  |
| V1806 | attritionmarker | AttritionMarker | discrete | numeric |  |
| V1807 | attrition_2 | Owner still operates the business | discrete | character | Does the owner still operate the business? (attrition_2) |
| V1808 | jumprepeatifblank | Jump: Repeat if blank. | discrete | numeric |  |
| V1809 | attrition_3 | Business still seems to be operating in the same location as before | discrete | character | Does the business still seem to be operating in the same location as before? (attrition_3) |
| V1810 | jumptoendsectionifsamelocation | Jump to end section if same location. | discrete | numeric |  |
| V1811 | attritionmarker2 | AttritionMarker2 | discrete | numeric |  |
| V1812 | old_attrition_1 |  | discrete | character |  |
| V1813 | old_attrition_2 |  | discrete | numeric |  |
| V1814 | old_attrition_3 |  | discrete | numeric |  |
| V1815 | old_attrition_4 |  | discrete | character |  |
| V1816 | old_attrition_5 |  | discrete | numeric |  |
| V1817 | old_attrition_6 |  | discrete | numeric |  |
| V1818 | old_attrition_7 |  | discrete | numeric |  |
| V1819 | introduction_3 | Place of interview | discrete | character | Where is the interview taking place? (introduction_3) |
| V1820 | jumprepeatifblank3 | Jump: Repeat if blank (3). | discrete | numeric |  |



| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1835 | balance_8c | Resale value (today) of land and market space (GHc) | discrete | numeric | How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |
| V1836 | balance_9a | Business has kiosk/shed/building ( $1=y e s, 2=n o$ ) | discrete | character | Does your business currently have any kiosk/shed/building? (balance_9a) |
| V1837 | balance_9b | Ownership of the kiosk/shed/building (1=Owned, 2=Rented, 3=Borrowed) | discrete | character | Ownership of the kiosk/shed/building: (balance_9b) |
| V1838 | balance_9c | Replacement value of kiosk/shed/building (GHC) | contin | numeric | If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c) |
| V1839 | balance_10a | Business has furniture or display cases ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Does your business currently have any FURNITURE or DISPLAY CASES? (balance 10a) |
| V1840 | balance_10b | Number of different types of furniture or display cases | discrete | numeric | How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b) |
| V1841 | balance_10c | Ownership of FIRST furniture or display cases | discrete | character | FIRST FURNITURE or DISPLAY CASES: <br> Ownership (balance_10c) |
| V1842 | balance_10d | Replacement value of FIRST furniture or display cases (GHc) | contin | numeric | FIRST FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GH ) ? |
| V1843 | balance_10e | Ownership of SECOND furniture or display cases | discrete | character | SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e) |
| V1844 | balance_10f | Replacement value of SECOND furniture or display cases (GHc) | discrete | numeric | SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GH c )? |
| V1845 | balance_10g | Ownership of THIRD furniture or display cases | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: <br> Ownership (balance_10g) |
| V1846 | balance_10h | Replacement value of THIRD furniture or display cases (GHc) | discrete | numeric | THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned ( GH C ) ? |
| V1847 | balance_10i | Ownership of FOURTH furniture or display cases | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1848 | balance_10j | Replacement value of FOURTH furniture or display cases (GHc) | discrete | numeric | FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)? |
| V1849 | balance_11a | Business has machines or equipment ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Does your business currently have any MACHINES or EQUIPMENT? (balance_11a) |
| V1850 | balance_11b | Number of different types of machine/equipment | discrete | numeric | How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b) |
| V1851 | balance_11c | Ownership of FIRST machine/equipment (options: owned, rented, borrowed) | discrete | character | FIRST <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11c) |
| V1852 | balance_11d | Replacement value of FIRST machine/equipment (GHc) | contin | numeric | FIRST <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost <br> (GHc)? (balance_11d) |
| V1853 | balance_11e | Ownership of SECOND machine/equipment (options: owned, rented, borrowed) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11e) |
| V1854 | balance_11f | Replacement value of SECOND machine/equipment (GHC) | discrete | numeric | SECOND <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11f) |
| V1855 | balance_11g | Ownership of machine/equipment (options: owned, rented, borrowed) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11g) |
| V1856 | balance_11h | Replacement value of THIRD machine/equipment (GHC) | discrete | numeric | THIRD <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHc)? (balance_11h) |
| V1857 | balance_11i | Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> Ownership (balance_11i) |
| V1858 | balance_11j | Replacement value of FOURTH machine/equipment (GHC) | discrete | numeric | FOURTH <br> MACHINE/EQUIPMENT: <br> If you had to replace it, how much would a similar one cost (GHC)? (balance_11j) |
| V1859 | balance_12a | Business has other equipment, tools, and utensils ( $1=$ Yes, $2=$ No) | discrete | character | Does your business currently have any other tools and utensils (including vehicles)? (balance_12a) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1860 | balance_12b | Number of different types of other equipment, tools or utensils | discrete | numeric | If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b) |
| V1861 | balance_12c | Ownership of FIRST other equipment, tools or utensils | discrete | character | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: <br> Ownership (balance_12c) |
| V1862 | balance_12d | Replacement cost of FIRST other equipment, tools or utensils (GHc) | contin | numeric | FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost ( GH ) ? (balance_12d) |
| V1863 | balance_12e | Ownership of SECOND other equipment, tools or utensils | discrete | character | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e) |
| V1864 | balance_12f | Replacement cost of SECOND other equipment, tools or utensils (GHc) | discrete | numeric | SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f) |
| V1865 | balance_12g | Ownership of THIRD other equipment, tools or utensils | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g) |
| V1866 | balance_12h | Replacement cost of THIRD other equipment, tools or utensils (GHc) | discrete | numeric | THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h) |
| V1867 | balance_12i | Ownership of FOURTH other equipment, tools or utensils | discrete | numeric | FOURTH OTHER <br> EQUIPMENT, TOOLS <br> OR UTENSILS: <br> Ownership <br> (balance_12i) |
| V1868 | balance_12j | Replacement cost of FOURTH other equipment, tools or utensils (GHc) | discrete | numeric | FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12j) |
| V1869 | balance_13a | Automatic sum of assets, excluding land, buildings and market space | contin | numeric | PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space. |
| V1870 | balance_13b | Verification accuracy of 'balance_13a' | discrete | character | The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1871 | balance_13c | What has been missed or double-counted? | discrete | numeric | What have we missed or double-counted? (balance_13c) |
| V1872 | balance_13d | Estimate:total replacement cost of assets(excl. land, buildings or market space) | discrete | numeric | What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d) |
| V1873 | balance_14a | Bus. holds products for sale, raw materials, products in production or spare parts | discrete | character | When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a) |
| V1874 | balance_14b | Total purchase cost of stocks and inventories (GHC) | contin | numeric | What is the total purchase cost of these goods (GHc)? (balance_14b) |
| V1875 | jumptoinventoriesclarificationif | Jump to inventories clarification if zero inventories (1). | discrete | numeric |  |
| V1876 | balance_14c | Value of items on hand to sell (GHC) | discrete | numeric | You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c) |
| V1877 | balance_14d | Cash for business (Includes cash held at home, at the bank or with a susu) | contin | numeric | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (balance_14d) |
| V1878 | hours_stopwatch |  | discrete | character |  |
| V1879 | business_6a | Days spent working in the business - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Days worked |
| V1880 | business_6b | Hours spent working in the business per day - LAST week | contin | numeric | How many hours a week do you personally spend working in the business? Hours per day |
| V1881 | business_6c | Total hours spent working in the business - LAST week | discrete | character | How many hours a week do you personally spend working in the business? Total hours (Number of days * Hours per day) |
| V1882 | business_8a | Days spent working full effort in the business - FULL EFFORT LAST WEEK | discrete | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Days worked |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1883 | business_8b | Hours of full effort per day - FULL EFFORT LAST WEEK | discrete | character | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Hours of full effort per day |
| V1884 | business_8c | Total hours of full effort - FULL EFFORT LAST WEEK | contin | numeric | In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. FULL EFFORT LAST WEEK: Total hours (Number of days * Hours per day) |
| V1885 | otherworkers_1 | Apart from respondent, any other unpaid or paid workers in the business | discrete | character | Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1) |
| V1886 | otherworkers_2 | Hours in total household members apart from resp. worked in business last week | contin | numeric | How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2) |
| V1887 | otherworkers_3 | Number of hours in total apprentices worked in the business | contin | numeric | How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3) |
| V1888 | otherworkers_4 | Number of hours in total non-household paid employees worked in the business | contin | numeric | How many hours in total did non-household paid employees work in the business? |
| V1889 | business_11 | Number of days business was not operating in January 2010 | contin | numeric | For how many days was your business NOT operating in January 2010? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11) |
| V1890 | business_12a | Number of days business was closed because respondent was ill | discrete | character | For how many days was the business closed because you were ill? <br> (business_12a) |
| V1891 | business_12b | Number of days business was closed because someone else was ill | contin | numeric | For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1892 | business_12c | Number of days business was closed because of other family or community events | contin | numeric | For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c) |
| V1893 | expenses_stopwatch |  | discrete | character |  |
| V1894 | income_3a | Purchase of raw materials and items for resale Monthly expenses for Jan. 2010 | contin | numeric | Purchase of raw materials and items for resale: (income_3a) |
| V1895 | income_3b | Purchase of electricity, water, gas and fuel Monthly expenses for Jan. 2010 | contin | numeric | Purchase of electricity, water, gas and fuel: (income_3b) |
| V1896 | income_3c | Payments to employees and apprentices - Monthly expenses for Jan. 2010 | contin | numeric | Payments to employees and apprentices: (income_3c) |
| V1897 | income_3d | Expenditure on telephone and cellphone airtime Monthly expenses for Jan. 2010 | discrete | character | Expenditure on telephone and cellphone airtime: (income_3d) |
| V1898 | income_3e | Maintenance, repair, and transportation - Monthly expenses for Jan. 2010 | contin | numeric | Maintenance, repair, and transportation: (income_3e) |
| V1899 | income_3f | Rent of machinery and equipment - Monthly expenses for Jan. 2010 | contin | numeric | Rent of machinery and equipment: (income_3f) |
| V1900 | income_3g | Interest paid on loans(in GHc , not percentage terms) <br> - Monthly expenses,Jan. 2010 | contin | numeric | Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g) |
| V1901 | income_3h | Gifts,tips and bribes given to government officials Monthly expenses,Jan. 2010 | contin | numeric | Gifts, tips and bribes given to government officials: (income_3h) |
| V1902 | income_3i | Automatic sum of total monthly expenses | discrete | character | Automatically sum the total monthly expenses (income_3i) |
| V1903 | income_3j | Verification: Sum of the expenses just listed for the last month was accurate | discrete | character | The sum of the expenses you just listed for the last month was \{Total Monthly Expenses $\}$ GHc. Does this seem accurate? (income_3j) |
| V1904 | income_3k | Estimate of total of expenses for the last month | contin | numeric | What do you estimate to be the total of these expenses for the last month? (income_3k) |
| V1905 | sales_stopwatch |  | discrete | character |  |
| V1906 | income_2a | Total monthly sales of the business (Incl. sales of services) GHc- Jan. 2010 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For January 2010 (GHc) (income_2a) |
| V1907 | income_2b | Total monthly sales of the business (Incl. sales of services) GHc- Dec. 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For December 2009 (GHc) (income_2b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1908 | income_2c | Total monthly sales of the business (Incl. sales of services) GHc- Nov. 2009 | contin | numeric | What were the total monthly sales of your business? Include sales of services. For November 2009 (income_2c) |
| V1909 | sales_large_number | Original 'large' number | contin | numeric |  |
| V1910 | sales_large_1 | Verification: sales are correct for sales $>=10000$ | discrete | character | Your reported sales for January is X . This is a large number. Is this correct? (sales_large_1) |
| V1911 | round5sales | Round5Sales | contin | numeric |  |
| V1912 | percentage_sales |  | contin | numeric |  |
| V1913 | neg_percentage_sales |  | contin | numeric |  |
| V1914 | change_sales_sq |  | contin | numeric |  |
| V1915 | sales_1 | Verification: Substantial percentage change in sales is correct | discrete | character | You said sales for January 2010 were X, and in the last survey you told us sales for January 2010 were Y. Is it correct that your sales have changed this much? (sales_1) |
| V1916 | sales_2 | October 2009 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2010 and October 2009 sales actually were? October 2009 sales: (sales_2) |
| V1917 | sales_3 | January 2010 sales if sales_1==No | contin | numeric | If no, can I ask you again what you think January 2010 and October 2009 sales actually were? January 2010 sales: (sales_3) |
| V1918 | product_stopwatch |  | discrete | character |  |
| V1919 | product_1 | Most important product or service sold still same as in Round 4 | discrete | character | In the last survey, you told us that the most important product or service you sold was [ $x$ ]. Is this still your most important product or service? (product_1) |
| V1920 | repeatifblank | Repeat if blank. | discrete | numeric |  |
| V1921 | income_7a | Name of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: <br> Name: (income_7a) |
| V1922 | income_7b_1 | Unit of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE Unit: (income_7b_1) |
| V1923 | income_7b_2 | Sale price per unit (GHC) of most important product or service | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE Sale price per unit (GHc): (income_7b_2) |
| V1924 | income_7c | Cost of raw materials for one unit ( GHc ) of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit ( GHc ): (income_7c) |


| ID Name Label |  |  | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1925 | income_7d | Verification: Correct that product is sold for less than bought | discrete | character | You have told me that you sell this product for less than you buy it. Is this correct? (income_7d) |
| V1926 | income_7e | Verification: Correct that product is sold for the same price as bought | discrete | character | You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e) |
| V1927 | income_7f | Verification: Correct that materials for this product cost nothing | discrete | character | You have told me that the materials for this product cost nothing. Is this correct? (income_7f) |
| V1928 | income_7g | Units sold in the last month of most important product or service | discrete | character | MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g) |
| V1929 | income_7h | Share of most important product or service in total sales (\%) | contin | numeric | MOST IMPORTANT PRODUCT OR SERVICE: <br> Share of this product in total sales (\%): (income_7h) |
| V1930 | jumptoendifpreviousisblank | Jump to end if previous is blank. | discrete | numeric |  |
| V1931 | jumptoerrormessageifsharenegativ | Jump to error message if share negative. | discrete | numeric |  |
| V1932 | percentage_price |  | contin | numeric |  |
| V1933 | neg_percentage_price |  | contin | numeric |  |
| V1934 | change_price_sq |  | contin | numeric |  |
| V1935 | prices_1 | Verification: Sale price for main product changed substantially | discrete | character | You said that the sale price for your main product in January 2010 was X GHc. In the previous survey, you told us that the sale price for your main product for April was Y GHc. Is it correct that the sale price for your main product has changed this much? (prices_1) |
| V1936 | prices_2 | Correct price for main product (GHc) - April 2009 | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. April 2009 price for your main product (GHc): (prices_2) |
| V1937 | prices_3 | Correct price for main product (GHC) - January 2010 | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. January 2010 price for your main product: (prices_3) |
| V1938 | product_2 | Started manufacturing/selling new product/offering new service in last 3 months | discrete | character | Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2) |
| V1939 | jumprepeatifblank2 | Jump: Repeat if blank (2) | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1940 | product_3 | Type/Name of new product(s) or service(s) | discrete | character | What is/are the new product(s) or service(s)? (product_3) |
| V1941 | product_4 | Percentage of total sales made by the new product(s) or service(s) | contin | numeric | What percentage of total sales do the new product(s) or service(s) make? (product_4) |
| V1942 | income_stopwatch |  | discrete | character |  |
| V1943 | income_4a | Question on profits answered ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a) |
| V1944 | income_4b | Profit during January 2010 | discrete | character | After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Profit: (income_4b) |
| V1945 | income_4c | Profit range [Categories provided] | discrete | character | After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Was the amount: (income_4c) |
| V1946 | income_4d | Proportion of profits that is typically invested into the business | contin | numeric | What proportion of this amount do you typically invest in your business (\%)? (income 4d) |
| V1947 | income_4e | 'income_4d' included value of goods or serv. that resp. and household consumed | discrete | character | In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business? |
| V1948 | income_4f | Value of the goods and services that resp. and household consumed - January 2010 | contin | numeric | What was the value of the goods and services that you and your household consumed from the business in January 2010? (income_4f) |
| V1949 | income_5c | Correct value for sales in January 2010 | contin | numeric |  |
| V1950 | income_5d | Correct value for profits in January 2010 | discrete | character |  |
| V1951 | income_6c | Correct value for sales in January 2010 | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1952 | income_6d | Correct value for profits in January 2010 | contin | numeric |  |
| V1953 | percentage_profit |  | discrete | character |  |
| V1954 | neg_percentage_profit |  | contin | numeric |  |
| V1955 | change_profit_sq |  | contin | numeric |  |
| V1956 | profits_1 | Verification: percentage change in profits is correct if it is significant | discrete | character |  |
| V1957 | profits_2 | October profits if profits_1==No | contin | numeric |  |
| V1958 | profits_3 | January 2010 profits if profits_1==No | contin | numeric |  |
| V1959 | lookupround5profit | LookupRound5Profit | contin | numeric |  |
| V1960 | profits_4 |  | discrete | character |  |
| V1961 | profits_5 |  | discrete | character |  |
| V1962 | lookupround5sales | LookupRound5Sales | contin | numeric |  |
| V1963 | profits_6 |  | discrete | character |  |
| V1964 | profits_7 |  | discrete | character |  |
| V1965 | income_12a | Number of businesses owned | discrete | numeric | How many businesses do you own? (income_12a) [skip if only one] |
| V1966 | income_12b | Money taken home from other businesses in January | contin | numeric | How much money did you take home from these other businesses in January? Include the money you saved or gave to family and friends. (income_12b) |
| V1967 | income_10a | Any free goods or serv. given to non-members of resp.'s household - January 2010 | discrete | character | In January 2010, did you give any free goods or services to non-members of your household? (income_10a) |
| V1968 | income_10b | Approximate sale value of the goods and services given for free (GHc) | discrete | character | What is the approximate sale value of the goods and services given for free (GHc)? (income_10b) |
| V1969 | income_13a | Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a) |
| V1970 | income_13b | Total income made from renting land or rooms in January 2010 | contin | numeric | In January 2010, what was your total income you made from renting land or rooms? (income_13b) |
| V1971 | inventories_stopwatch |  | discrete | character |  |
| V1972 | inventories_1 | Bus. holds products for sale,raw materials, products in production or spare parts | discrete | character | When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1) |
| V1973 | inventories_2 | Total purchase cost of inventories (GHC) | contin | numeric | What is the total purchase cost of these goods (GHc)? (inventories_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1974 | inventories_3 | Value of items on hand to sell (GHc) | discrete | character | You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3) |
| V1975 | percentage_inventories |  | contin | numeric |  |
| V1976 | neg_percentage_inventories |  | contin | numeric |  |
| V1977 | change_inventories_sq |  | contin | numeric |  |
| V1978 | inventories_5 | Verification: Change in inventories holding is correct | discrete | character | You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number ' $Y$ ' was looked up correctly to trigger the check, but then referenced wrongly in this question.] Is is correct that your inventories holding has changed that much? (inventories_5) |
| V1979 | inventories_6 | Correct total purchase cost of inventories held at the start of business today | contin | numeric | You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6) |
| V1980 | inventories_7 | Correct value for previous survey | contin | numeric | What was the correct value for the previous survey? (inventories_7) |
| V1981 | inventories_4 | Cash currently hold for the business | discrete | character | How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4) |
| V1982 | percentage_cash |  | contin | numeric |  |
| V1983 | neg_percentage_cash |  | contin | numeric |  |
| V1984 | change_cash_sq |  | contin | numeric |  |
| V1985 | cash_1 | Verification: change in cash holding is correct | discrete | character |  |
| V1986 | cash_2 | Correct value of cash currently available | contin | numeric | You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2) |
| V1987 | cash_3 |  | contin | numeric |  |
| V1988 | assets_stopwatch |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V1989 | assets_1 | Add. land/buildings/furniture/machines/equip./tools/other assets since April | discrete | character | Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our May interview? (assets_1) |
| V1990 | assets_2a | Business acquired any land or market space used by the business since April | discrete | character | Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? Land or market space |
| V1991 | assets_2b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Land or market space |
| V1992 | assets_2c | Purchase cost of land or market space (GHC) | contin | numeric | What is the purchase cost of [x]? (GHc) Land or market space |
| V1993 | assets_3a | Business acquired any kiosk,shed or building used by the business since April | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Kiosk, shed or building |
| V1994 | assets_3b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Kiosk, shed or building |
| V1995 | assets_3c | Purchase cost of kiosk,shed or building (GHC) | contin | numeric | What is the purchase cost of [x]? (GHc) Kiosk, shed or building |
| V1996 | assets_4a | Business acquired any furniture and display cases since April | discrete | character | Did your business acquire any [ X ] used by the business since [earlier interview]? Furniture and display cases |
| V1997 | assets_4b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Furniture and display cases |
| V1998 | assets_4c | Purchase cost of furniture and display cases (GHC) | contin | numeric | What is the purchase cost of [x]? (GHc) Furniture and display cases |
| V1999 | assets_5a | Business acquired any machines and equipment used by the business since April | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Machines and equipment |
| V2000 | assets_5b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Machines and equipment |
| V2001 | assets_5c | Purchase cost of machines and equipment (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Machines and equipment |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2002 | assets_6a | Business acquired any other equipment, tools and utensils since April | discrete | character | Did your business acquire any [X] used by the business since [earlier interview]? Other equipment, tools and utensils |
| V2003 | assets_6b | Way of acquisition (Options: purchased, rented, gift, borrowed, other) | discrete | character | How was this acquired? (Options: purchased, rented, gift, borrowed, other.) Other equipment, tools and utensils |
| V2004 | assets_6c | Purchase cost of other equipment, tools and utensils (GHc) | contin | numeric | What is the purchase cost of [x]? (GHc) Other equipment, tools and utensils |
| V2005 | assets_7 | Disp. of land/build./furniture/machines/equip./tools/other assets since April | discrete | character | Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since we last interviewed you in April? (assets_7) |
| V2006 | assets_8a | Sold/returned/lost/otherwise disposed of any land or market space since April | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?] Land or market space |
| V2007 | assets_8b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space |
| V2008 | assets_8c | Sale price or value of land or market space (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Land or market space |
| V2009 | assets_9a | Sold/returned/lost/otherwise disposed of kiosk,shed or building since April | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Kiosk, shed or building |
| V2010 | assets_9b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building |
| V2011 | assets_9c | Sale price or value of kiosk, shed or building (GHc) | discrete | numeric | What is the sale price or value of [x]? (GHc) Kiosk, shed or building |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2012 | assets_10a | Sold/returned/lost/otherwise disposed of furnit. and display cases since April | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Furniture and display cases |
| V2013 | assets_10b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases |
| V2014 | assets_10c | Sale price or value of furniture and display cases (GHc) | discrete | numeric | What is the sale price or value of [x]? (GHc) Furniture and display cases |
| V2015 | assets_11a | Sold/returned/lost/otherwise disposed of any machines and equip. since April | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Machines and equipment |
| V2016 | assets_11b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment |
| V2017 | assets_11c | Sale price or value of machines and equipment (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Machines and equipment |
| V2018 | assets_12a | Sold/returned/lost/otherwise disp. of other equip.,tools,utensils since April | discrete | character | Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?] Other equipment, tools and utensils |
| V2019 | assets_12b | Way of sale, loss or damage | discrete | character | How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils |
| V2020 | assets_12c | Sale price or value of other equipment, tools and utensils (GHc) | contin | numeric | What is the sale price or value of [x]? (GHc) Other equipment, tools and utensils |
| V2021 | assets_13a |  | discrete | character |  |
| V2022 | assets_13b |  | contin | numeric |  |
| V2023 | assets_13c |  | discrete | character |  |
| V2024 | assets_13d |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2025 | assets_13e |  | discrete | character |  |
| V2026 | assets_13f |  | discrete | character |  |
| V2027 | credit_stopwatch |  | discrete | character |  |
| V2028 | credit_1 | Respondent uses susu collector to deposit money $\text { (1=Yes, } 2=\text { No })$ | discrete | character | Do you use a susu collector to deposit money? (credit_1) |
| V2029 | jumpifnosusucollector | Jump if no susu collector. | discrete | numeric |  |
| V2030 | credit_2 | Average deposit made with the susu collector each day during January 2010 (GHc) | contin | numeric | On average, how much did you deposit with the susu collector each day during January 2010 (GHc)? (credit_2) |
| V2031 | credit_9 |  | discrete | character |  |
| V2032 | credit_10 |  | contin | numeric |  |
| V2033 | credit_11 |  | discrete | character |  |
| V2034 | credit_12 |  | contin | numeric |  |
| V2035 | credit_3 | Received a new loan from a bank since May ( $1=$ Yes, $2=\mathrm{No}$ ) | discrete | character | Have you received a new loan from a bank since [reference baseline survey month]? (credit_3) |
| V2036 | credit_4 | Amount of the loan from bank | contin | numeric | If yes, what was the amount of the loan? (credit_4) |
| V2037 | credit_5 | Received a new loan from a microfinance organization since May ( $1=$ Yes, $2=$ No) | discrete | character | Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5) |
| V2038 | credit_6 | Amount of the loan from microfinance organization | contin | numeric | If yes, what was the amount of the loan? (credit_6) |
| V2039 | credit_7 | Received a new loan from family or friends for the business since May | discrete | character | Have you received a new loan from family or friends for the business since May? (credit_7) |
| V2040 | credit_8 | Amount of the loan from family or friends | contin | numeric | If yes, what was the amount of the loan? (credit_8) |
| V2041 | reciprocity_1 | Anyone other than employees used any business assets, during past 3 months | discrete | character | During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1) |
| V2042 | reciprocity_2 | Types of assets used | discrete | character | (If yes) which of the following types of assets did they use? (Please tick all that apply.) (reciprocity_2) |
| V2043 | reciprocity_3 | Frequency of usage | discrete | character | (If yes) Which of the following apply? (reciprocity_3) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2044 | reciprocity_4 | Resp. received rental income as compensation for the use of any of the assets | discrete | character | Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4) |
| V2045 | reciprocity_5 | Revenue from rental of business assets in January (GHC) | contin | numeric | (If yes) During January, what was your revenue from rental of business assets? (GhC) (reciprocity_5) |
| V2046 | reciprocity_6 | Included revenue from rental in the business income reported earlier | discrete | character | Have you included the revenue from rental in the business income you reported earlier? (reciprocity_6) |
| V2047 | reciprocity_7 | Received other compensation | discrete | character | Did you receive some other compensation, such as gifts, household services, or the use of assets of another business? (reciprocity_7) |
| V2048 | reciprocity_8 | Spouse would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your SPOUSE know? (reciprocity_8) |
| V2049 | reciprocity_9 | Parents would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your PARENTS know? (reciprocity_9) |
| V2050 | reciprocity_10 | Children would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your CHILDREN know? (reciprocity_10) |
| V2051 | reciprocity_11 | Other household members would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would OTHER HOUSEHOLD MEMBERS know? (reciprocity_11) |
| V2052 | reciprocity_12 | Extended family members would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would EXTENDED FAMILY MEMBERS know? (reciprocity_12) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2053 | reciprocity_13 | Neighbors would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your NEIGHBOURS know? (reciprocity_13) |
| V2054 | reciprocity_14 | Neighbouring business owners would know if business had a very profitable month | discrete | character | Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your NEIGHBOURING BUSINESS OWNERS know? (reciprocity_14) |
| V2055 | reciprocity_15 | Pressure felt to share extra income with OTHER HOUSEH.MEMB. rather than invest | discrete | character | How much pressure do you feel to share extra business income with OTHER HOUSEHOLD MEMBERS rather than to invest it back into the business? (reciprocity_15) |
| V2056 | reciprocity_16 | Pressure felt to share extra income with NON-HOUSEH. MEMBERS rather than invest | discrete | character | How much pressure do you feel to share extra business income with <br> NON-HOUSEHOLD MEMBERS rather than to invest it back into the business? (reciprocity_16) |
| V2057 | reciprocity_17 | When earned more than usual in bus. - withdraw more money for him-/herself | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Withdraw more money from the business for yourself? |
| V2058 | reciprocity_18 | When earned more than usual in bus. - withdraw more money for househ. needs | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Withdraw more money from the business for your household needs |
| V2059 | reciprocity_19 | When earned more than usual in bus. - increase savings in bank or with susu | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Increase savings in a bank account or through a susu collector? |
| V2060 | reciprocity_20 | When earned more than usual in bus. - increase savings in cash | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Increase savings in cash? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2061 | reciprocity_21 | When earned more than usual in bus. - invest in new bus.equip./higher inventory | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Invest in new business equipment or higher inventory levels? |
| V2062 | reciprocity_22 | When earned more than usual in bus. - give more money to family outside househ. | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Give more money to family living outside of your household? |
| V2063 | reciprocity_23 | When earned more than usual - give more money to non-family outside househ. | discrete | character | When you earn more than usual in your business, what do you do with the additional money? Would you.. Give more money to non-family living outside of your household? |
| V2064 | reciprocity_24 | Value of lottery winning of 100GHc should be given to other family memb./friends | contin | numeric | Suppose that someone were to receive 100 GHc from a lottery payment. How much of that 100GHc should the person give to other family members and friends? <br> (reciprocity_24) |
| V2065 | jumptosectionendifzerogift | Jump to section end if zero gift. | discrete | numeric |  |
| V2066 | reciprocity_25 | Reason for sharing: assure that others would share | discrete | character | I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement? "It would be important to share the winnings so that the person could assure that others would share." |
| V2067 | reciprocity_26 | Reason for sharing: improve position/standing in community | discrete | character | I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement? "It would be important to share to improve the person's position/standing in the community." |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2068 | reciprocity_27 | Reason for sharing: more people attenting funeral when person dies | discrete | character | I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement? "It would be important to share so that more people will attend the person's funeral when he or she dies." |
| V2069 | reciprocity_28 | Reason for sharing: person may need to borrow money during bad times | discrete | character | I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement? "It would be important to share because the person may need to borrow money from his or her family or friends during bad times." |
| V2070 | reciprocity_29 | Member of funeral society ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Are you a member of a funeral society? (reciprocity_29) |
| V2071 | reciprocity_30 | Average amount contributed to the society (GHc) | discrete | character | On average, how much do you contribute to the society (GHc)? (reciprocity_30) |
| V2072 | reciprocity_31 | Periodicity of contributions (1=weekly, 2=monthly, $3=y e a r l y)$ | discrete | character | What time period does this refer to? (reciprocity_31) |
| V2073 | reciprocity_32 | Approx. number of members in funeral society | contin | numeric | Approximately how many members are in the funeral society? (reciprocity_32) |
| V2074 | reciprocity_33 | Province/district where funeral of resp. would most likely be held | discrete | character | Funerals are important social events when friends and relatives pay their last respects to the deceased. If, God forbid, you were to pass away tomorrow, in which province/district would your funeral most likely be held? (reciprocity_33) |
| V2075 | reciprocity_34 | Approx. number of people attending funeral | discrete | character | Approximately how many people would be likely to attend your funeral? (reciprocity_34) |
| V2076 | reciprocity_35 | Right number that respondent would like | discrete | character | Is this the right number that you would like? (reciprocity_35) |
| V2077 | expenditure_stopwatch |  | discrete | character |  |
| V2078 | household_1a | Relationship to household head | discrete | character | What relationship are you to the head of your household? (household_1a) |


| ID Name Label |  |  | Type Format |  | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2079 | household_1b | Number of household members apart from resp. | discrete | numeric | Apart from you, how many members are there in the household? |
| V2080 | jumpoverrosterifnobodyelseintheh | Jump over roster if nobody else in the household. | discrete | numeric |  |
| V2081 | household_2a | Last WEEK'S household expenditure on: Food and drink for home consumption | discrete | character | Last week: How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a) |
| V2082 | household_2b | Last WEEK'S household expenditure on: Food and drink consumed outside the home | discrete | character | Last week: How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household 2b) |
| V2083 | household_3a | Last MONTH's household expenditures on: Housing | discrete | character | How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a) |
| V2084 | household_3b | Last MONTH's household expenditures on: Fuel and Light | discrete | character | How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b) |
| V2085 | household_3c | Last MONTH's household expenditures on: Non-durable household goods | discrete | character | How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c) |
| V2086 | household_3d | Last MONTH's household expenditures on: Communication | contin | numeric | How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal) |
| V2087 | household_3e | Last MONTH's household expenditures on: Recreation and entertainment | contin | numeric | How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery) |
| V2088 | household_3f | Last MONTH's household expenditures on: Transport | contin | numeric | How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2089 | household_3g | Last MONTH's household expenditures on: Household services | contin | numeric | How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHC)? (household_3g) |
| V2090 | household_3h | Last MONTH's household expenditures on: Personal care services | contin | numeric | How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h) |
| V2091 | household_3i | Last MONTH's household expenditures on: Contributions to associations | contin | numeric | How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i) |
| V2092 | household_4a | Over past THREE MONTHS household expenditures on: Clothing and textiles | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHC)? (household_4a) |
| V2093 | household_4b | Over past THREE MONTHS household expenditures on: Footwear | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b) |
| V2094 | household_4c | Over past THREE MONTHS household expenditures on: Funerals,weddings,ceremonies | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHC)? (household_4c) |
| V2095 | household_4d | Over past THREE MONTHS household expenditures on: Electronic goods | discrete | character | Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHC)? (household_4d) |
| V2096 | household_4e | Over past THREE MONTHS household expenditures on: Household furnishings | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? <br> (household 4e) |
| V2097 | household_4f | Over past THREE MONTHS household expenditures on: Household appliances | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2098 | household_4g | Over past THREE MONTHS household expenditures on: Vehicles | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)? (household_4g) |
| V2099 | household_4h | Over past THREE MONTHS household expenditures on: Health expenses | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h) |
| V2100 | household_4i | Over past THREE MONTHS household expenditures on: Education | contin | numeric | Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i) |
| V2101 | household_5a | Resp. smokes cigarettes ( $1=\mathrm{Yes}, 2=$ No) | discrete | character | Do you smoke cigarettes? |
| V2102 | household_5b | Number of cigarettes smoked each day | discrete | numeric | (If yes...) On average, how many cigarettes do you smoke each day? |
| V2103 | household_5c | Last month's spending on cigarettes (GHC) | contin | numeric | How much did you spend last MONTH on CIGARETTES (GHc)? |
| V2104 | household_5d1 | Respondent drinks alcohol | discrete | character | Do you drink alcohol? |
| V2105 | household_5d2 | Frequency of alcohol consumption | discrete | character | How often do you consume alcohol? |
| V2106 | household_5e | Last month's spending on alcohol (GHc) | discrete | character | How much did you spend last MONTH on ALCOHOL (GHc)? |
| V2107 | household_5f | Frequency of partying | discrete | character | How often do you party? |
| V2108 | household_5g | Last month's spending on partying (GHc) | discrete | character | How much did you spend last MONTH on PARTYING(GHc)? |
| V2109 | household_5h | Frequency of succumbing to impulses to spend money on other consumption | discrete | character | How often do you succumb to impulses to spend money on consumption (other than alcohol, cigarettes, or partying)? |
| V2110 | transfers_stopwatch |  | discrete | character |  |
| V2111 | transfers_1 | Made payments in cash or goods to people living outside household, past 3 months | discrete | character | During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1) |
| V2112 | v325 | Repeat if blank. | discrete | numeric |  |
| V2113 | transfers_2 | Transfer made to | discrete | character | To whom did you make the transfers? (transfers_2) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2114 | transfers_3 | Approximate amount of cash given to people outside the household, past 3 months | contin | numeric | Approximately how much cash did you give to people outside your household during the past three months? (transfers_3) |
| V2115 | transfers_4 | Approx. value of goods provided to people outside the household, past 3 months | contin | numeric | What is the approximate value of the goods you provided to people outside your household during the past three months? (transfers_4) |
| V2116 | transfers_5 | Received any transfers in cash or goods from people living outside the household | discrete | character | During the past three months, did you receive any transfers in cash or goods from people living outside your household? (transfers_5) |
| V2117 | transfers_6 | Received transfer from | discrete | character | Who did you receive the transfers from? (transfers_6) |
| V2118 | transfers_7 | Approx. amount of cash received from people outside household, past three months | contin | numeric | Approximately how much cash did you receive from people outside your household during the past three months? (transfers_7) |
| V2119 | transfers_8 | Approx. value of goods received from people outside household, past three months | contin | numeric | What is the approximate value of the goods you received from people outside your household during the past three months? (transfers_8) |
| V2120 | treatment_stopwatch |  | discrete | character |  |
| V2121 | treatmenttype | TreatmentType | discrete | character |  |
| V2122 | treatmenttype2 | TreatmentType2 | discrete | character |  |
| V2123 | treatmenttype3 | TreatmentType3 | discrete | character |  |
| V2124 | treatment_c_1a | Amount of the 150 GHc in-kind treatment that remains in business | contin | numeric | How much of the 150 GHc remains in the business? (treatment_c_1a) |
| V2125 | treatment_c_2a | Amount of the 150 GHc in-kind treatment that has been taken out of the business | contin | numeric | How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2a) |
| V2126 | treatment_c_sum | Sum of treatment_c_1a and treatment_c_2a | contin | numeric |  |
| V2127 | treatment_c_1b | Confirmation: Amount of the 150 GHc in-kind treatment that remains in business | discrete | numeric | These values did not add to 150 GHc . Please confirm the answers. Please confirm: How much of the 150 GHc remains in the business? (treatment_c_1b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2128 | treatment_c_2b | Confirmation: Amount of the 150 GHc in-kind treatment that has been taken out | discrete | numeric | These values did not add to 150 GHc . <br> Please confirm the answers. Please confirm: How much of the 150 GHc has been taken out of the business for other uses? <br> (treatment c 2b) |
| V2129 | treatment_d_1a | Amount of the 150 GHc cash treatment that remains in business | contin | numeric | How much of the 150 GHc remains in the business? (treatment_d_1a) |
| V2130 | treatment_d_2a | Amount of the 150 GHc cash treatment that remains in the household | discrete | character | How much of the 150 GHc remains in the household? (treatment_d_2a) |
| V2131 | treatment_d_3a | Amount of the 150 GHc cash treatment spent on non-business things | discrete | character | How much of the 150 GHc has been spent on non-business things? (treatment_d_3a) |
| V2132 | treatment_d_4a | Amount of the 150 GHc cash treatment saved outside of business or household | discrete | character | How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4a) |
| V2133 | treatment_d_sum | Sum of spending | discrete | character |  |
| V2134 | treatment_d_1b | Confirmation:Amount of 150 GHc cash treatment that remains in business | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc remains in the business? (treatment_d_1b) |
| V2135 | treatment_d_2b | Confirmation:Amount of 150 GHc cash treatment that remains in the household | discrete | character | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc remains in the household? (treatment_d_2b) |
| V2136 | treatment_d_3b | Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things | contin | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc has been spent on non-business things? (treatment_d_3b) |
| V2137 | treatment_d_4b | Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household | discrete | numeric | [If the sum is not 150 GHc...] Please confirm: How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4b) |
| V2138 | baselinemaritalstatus | BaselineMaritalStatus | discrete | character |  |
| V2139 | baselinemonthlookup | BaselineMonthLookup | discrete | character |  |
| V2140 | family_1 | Current marital status | discrete | character | What is your current marital status? (family_1) |
| V2141 | family_1a | Verification: Marital status is correct if changed | discrete | character | [If applicable...] In [month] 2008, you told us that your marital status was $X$, but you have told us that your status now is Y . Is this correct? |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2142 | family_2 | Marital status in baseline month | discrete | character | (If a mistake...) What was your marital status in [baslinemonthlookup] 2008? |
| V2143 | family_3 | Current marital status | discrete | character | What is your current marital status? <br> (family_3) |
| V2144 | family_4 | Age when married current spouse | discrete | character | What was your age when you married your current spouse? (family_4) |
| V2145 | family_5 | Current spouse's age when married | discrete | character | What was your current spouse's age when you were married? (family_5) |
| V2146 | family_6a | Value of land and buildings (incl. housing) resp. brought to current marriage | discrete | character | What was the value of LAND AND BUILDINGS (including HOUSING) that YOU brought to your current marriage? (family_6a) |
| V2147 | family_6b | Value of land/buildings(incl.housing) resp.'s spouse brought to current marriage | discrete | character | What was the value of LAND AND BUILDINGS (including HOUSING) that YOUR SPOUSE brought to your current marriage? (family_6b) |
| V2148 | family_7a | Value of consumer durables that resp. brought to current marriage | discrete | character | What was the value of CONSUMER <br> DURABLES that YOU brought to your current marriage (e.g. vehicle, furniture, TV, etc.?) (family_7a) |
| V2149 | family_7b | Value of consumer durables that resp.'s spouse brought to current marriage | discrete | character | What was the value of CONSUMER <br> DURABLES that YOUR SPOUSE brought to your current marriage (e.g. vehicle, furniture, TV, etc.?) (family_7b) |
| V2150 | family_8a | Value of cash and financial assets that resp. brought to current marriage | discrete | character | What was the value of CASH AND FINANCIAL ASSETS (e.g. savings account) that YOU brought to your current marriage? (family_8a) |
| V2151 | family_8b | Value of cash and financial assets resp.'s spouse brought to current marriage | discrete | character | What was the value of CASH AND FINANCIAL ASSETS (e.g. savings account) that YOUR SPOUSE brought to your current marriage? (family_8b) |
| V2152 | family_9a | Resp. was operating a business when started current marriage ( $1=y e s, 2=n o$ ) | discrete | character | Were YOU operating a business when you started your current marriage? (family_9a) |
| V2153 | family_9b | Resp.'s spouse was operating a business when started current marriage | discrete | character | Was YOUR SPOUSE operating a business when you started your current marriage? (family_9b) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2154 | family_9c | Resp. and spouse jointly hold assets or household assets held individually | discrete | character | Do you and your husband/wife jointly hold assets, or are household assets owned individually by each of you? (family_9c) |
| V2155 | family_10a | Resp. had another marriage before current one ( $1=$ Yes, $2=$ No) | discrete | character | Did you have another marriage before your current marriage? (family_10a) |
| V2156 | family_10b | Former spouse still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Is your former spouse still alive? (family_10b) |
| V2157 | family_10c | Place where former spouse is living | discrete | character | Where is your former spouse currently living? (family_10c) |
| V2158 | family_10d | Region where former spouse is living | discrete | character | In which region? (family_10d) |
| V2159 | family_11a | Resp.'s mother still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Is your mother still living? (family_11a) |
| V2160 | family_11c | Region wher resp.'s mother is living | discrete | character | In which region? (family_11c) |
| V2161 | family_12a | Resp.'s father still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Is your father still living? (family_12a) |
| V2162 | family_12c | Region wher resp.'s father is living | discrete | character | Where does he live? (family_12b) |
| V2163 | family_13a | Resp.'s maternal uncle still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) | discrete | character | Is your maternal uncle still living? <br> (family_13a) |
| V2164 | family_13b | Place where resp.'s maternal uncle is living | discrete | character | Where does he live? (family_13b) |
| V2165 | family_13c | Region wher resp.'s maternal uncle is living | discrete | character | In which region? (family_13c) |
| V2166 | family_14a | Number of brothers currently living (incl. step- and half-brothers) | discrete | numeric | How many brothers, currently living, do you have (including step- and half-brothers)? (family_14a) |
| V2167 | family_14b | Number of sisters currently living (incl. step- and half-sisters) | discrete | character | How many sisters, currently living, do you have (including step- and half-sisters)? |
| V2168 | family_14c | Number of siblings currently living with resp.'s household | discrete | character | How many of your siblings currently live WITH YOUR HOUSEHOLD? (family_14c) |
| V2169 | family_14d | Number of siblings currently living in immediate meighborhood | discrete | character | How many of your siblings current live IN THE IMMEDIATE NEIGHBOURHOOD? (family_14d) |
| V2170 | family_14e | Number of siblings currently living in ACCRA-TEMA | discrete | character | How many of your siblings current live IN ACCRA-TEMA? (family_14e) |
| V2171 | family_14f | Number of siblings currently living in another region | discrete | character | How many of your siblings current live IN ANOTHER REGION? (family_14f) |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2172 | family_14g | Region(s) where siblings are living | discrete | character | Which region(s)? (Please tick all.) (family_14g) |
| V2173 | land_1 | Owner of home where household currently resides | discrete | character | Who owns the home where the household currently resides? (land_1) |
| V2174 | land_2 | Resp. owns plots of land apart from his/her home ( $1=$ Yes, $2=$ No) | discrete | character | Do you own any plots of land apart from your home? (land_2) |
| V2175 | introduction_stopwatch_3_11 |  | discrete | character |  |
| V2176 | impressions_1 | Person(s) other than the enterprise owner present during the interview | discrete | character | Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist) |
| V2177 | impressions_2 | Interviewer's impression of how well the respondent understood the questions | discrete | character | What is your impression of how well the respondent understood the questions being asked? (impressions_2) |
| V2178 | impressions_3 | Interviewer's impression of seriousness with which the resp. answered questions | discrete | character | What is your impression of the seriousness with which the respondent answered questions? (impressions_3) |
| V2179 | impressions_4 | Interviewer's impression of preciseness with which questions were answered | discrete | character | What is your overall impression of the preciseness with which questions were answered? (impressions_4) |
| V2180 | impressions_5 | Most difficult or troubling sections for the respondent | discrete | character | Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark) |
| V2181 | impressions_6 | Most difficult or troubling sections for the interviewer | discrete | character | Which sections were most difficult or troubling for you? (impressions_6) (ticklist) |
| V2182 | impressions_7 | Sections that interested the respondents the most | discrete | character | Which sections interested the respondents the most? (impressions_7) (ticklist) |
| V2183 | impressions_8 | Most difficult or troubling questions for the respondent | discrete | character | Which questions were most difficult or troubling for the respondent? (impressions_8) |
| V2184 | impressions_9 | Most difficult or troubling questions for the interviewer | discrete | character | Which questions were most difficult or troubling for you? (impressions_9) |
| V2185 | impressions_10 | Questions that interested the respondents the most | discrete | character | Which questions interested the respondents the most? (impressions_10) |
| V2186 | SingleMultipleMerge |  | discrete | numeric |  |
| V2187 | credit_13 |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2188 | credit_14 |  | discrete | character |  |

## ReplicationDataGhanaJDE

| Content | Dataset used for the paper Marcel Fafchamps, David McKenzie, Simon Quinn and Chris Woodruff (2013) <br> "Microenterprise Growth and the Flypaper Effect: Evidence from a Randomized Experiment in Ghana" <br> Journal of Development Economics, 106: 211-226. |
| :--- | :--- |
| Cases | 4758 <br> Variable(s)472 <br> StructureType: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2195 | gender | Gender | discrete | character |  |
| V2196 | male_male | Male operating in male-dominated industry | discrete | numeric |  |
| V2197 | female_female | Female operating in female-dominated industry | discrete | numeric |  |
| V2198 | male_mixed | Male operating in a mixed gender industry | discrete | numeric |  |
| V2199 | female_mixed | Female operating in a mixed gender industry | discrete | numeric |  |
| V2200 | highcapture | Baseline capture above median | discrete | numeric |  |
| V2201 | highcapital | Baseline capital stock above median | discrete | numeric |  |
| V2202 | groupnum | Randomization Strata | discrete | numeric |  |
| V2203 | cashtreat | Ever assigned to Cash treatment | discrete | numeric |  |
| V2204 | equiptreat | Ever assigned to Equipment treatment | discrete | numeric |  |
| V2205 | earlytreat | Assigned to Early treatment group (after round 2) | discrete | numeric |  |
| V2206 | assigntreat | Ever assigned to treatment | discrete | numeric |  |
| V2207 | experimentsample | Sample over which randomization done | discrete | numeric |  |
| V2208 | sheno | Firm identification number | contin | numeric |  |
| V2209 | latetreat | Assigned to Late treatment group (after round 4) | discrete | numeric |  |
| V2211 | questionnaire_date | Date of survey | discrete | character |  |
| V2212 | agreedtobeinterviewed | Respondent agreed to be interviewed | discrete | numeric |  |
| V2213 | interviewlocation | Place interview took place | discrete | character |  |
| V2214 | hourslastweek | Hours worked in last week | contin | numeric |  |
| V2215 | hoursfulleffort | Hours last week at full effort | contin | numeric |  |
| V2216 | daysbusinessclosed | Number of days in month business was closed | contin | numeric |  |
| V2217 | daysill | Days closed business due to own illness | contin | numeric |  |
| V2218 | inventories | Inventories | contin | numeric |  |
| V2219 | cashonhand | Cash on hand in business | contin | numeric |  |
| V2220 | useasusu | Use a Susu | discrete | numeric |  |
| V2221 | dailysusu | Amount deposited daily with susu collector | contin | numeric |  |
| V2222 | rawsales | Raw sales in last month | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2223 | salesthreemonthaverage | Average of last 3 months sales | contin | numeric |  |
| V2224 | rawmaterialpurchases | Raw material purchases | contin | numeric |  |
| V2225 | totalbusinessexpenses | Total business expenses | contin | numeric |  |
| V2226 | rawprofit | Raw monthly profit | contin | numeric |  |
| V2227 | inventoryphoto | Photo of inventories was taken | discrete | numeric |  |
| V2228 | whoelsepresent | Who was present at interview | discrete | character |  |
| V2229 | spousepresent | Spouse present at interview | discrete | numeric |  |
| V2230 | wave | Survey wave | discrete | numeric |  |
| V2231 | stillownbusiness | Still own business | discrete | numeric |  |
| V2232 | changedbusinesslocation | Operating in a new location | discrete | numeric |  |
| V2233 | changedlineofbusiness | Changed line of business | discrete | numeric |  |
| V2234 | closedbusiness | Has closed business | discrete | numeric |  |
| V2235 | attrited | Attrited from this round of survey | discrete | numeric |  |
| V2236 | hhworkerhours | Number of hours last week of household workers in firm | contin | numeric |  |
| V2237 | apprenticehours | Number of hours last week of apprentices | contin | numeric |  |
| V2238 | paidemployeehours | Number of hours last week of paidemployees | contin | numeric |  |
| V2239 | totalworkerhours | Total hours last week of all workers in firm (except owner) | contin | numeric |  |
| V2240 | incomeotherbusiness | Income from other businesses | contin | numeric |  |
| V2241 | freegoodsgiven | Value of goods and services given to free to others outside house | contin | numeric |  |
| V2242 | newloanbankamount | Amount of new bank loans | contin | numeric |  |
| V2243 | newmicrofinanceamount | Amount of new loans from microfinance | contin | numeric |  |
| V2244 | newfriendloanamount | Amount of new loans from friends/family | contin | numeric |  |
| V2245 | madetransfersout | Made a transfer out of hh in last 3 months | discrete | numeric |  |
| V2246 | amounttransferout | Amount transfered out of hh in last 3 months | contin | numeric |  |
| V2247 | gottransferin | Got a transfer from out of hh in last 3 months | discrete | numeric |  |
| V2248 | amounttransferin | Amount transferred into hh in last 3 months | contin | numeric |  |
| V2249 | atreat | Treatment assignment by round | discrete | numeric |  |
| V2250 | atreatcash | Cash treatment assignment by round | discrete | numeric |  |
| V2251 | atreatequip | Equipment treatment assignment by round | discrete | numeric |  |
| V2252 | wave2 | dummy variable for round 2 | discrete | numeric |  |
| V2253 | wave3 | dummy variable for round 3 | discrete | numeric |  |
| V2254 | wave4 | dummy variable for round 4 | discrete | numeric |  |
| V2255 | wave5 | dummy variable for round 5 | discrete | numeric |  |
| V2256 | wave6 | dummy variable for round 6 | discrete | numeric |  |
| V2257 | correctedprofits | Nominal profits based on panel corrections | contin | numeric |  |
| V2258 | correctedsales | Nominal sales based on panel corrections | contin | numeric |  |
| V2259 | finalprofits | Final checked nominal profits (including r6 checks) | contin | numeric |  |
| V2260 | finalsales | Final checked nominal sales (including r6 checks) | contin | numeric |  |
| V2261 | monthw1 |  | discrete | character |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2262 | waveonemonth |  | discrete | numeric |  |
| V2263 | cpi | Greater Accra CPI | contin | numeric |  |
| V2264 | realfinalprofit | Real final profit | contin | numeric |  |
| V2265 | location | Location of business | discrete | numeric |  |
| V2266 | sectchoice_familyexp | a family member had worked in the same industry | discrete | numeric |  |
| V2267 | sectchoice_friendsexp | friends had worked in the same industry | discrete | numeric |  |
| V2268 | sectchoice_lowcap | low capital requirements | discrete | numeric |  |
| V2269 | sectchoice_wageexp | previous experience as a wage worker in this industry | discrete | numeric |  |
| V2270 | sectchoice_apprentexp | previous experience as an apprentice in this industry | discrete | numeric |  |
| V2271 | sectchoice_balance | need to balance family obligations and work | discrete | numeric |  |
| V2272 | sectchoice_profits | high earnings in this industry | discrete | numeric |  |
| V2273 | sectchoice_steady | provides a steady, reliable income | discrete | numeric |  |
| V2274 | sectchoice_inspect | fewer government inspections | discrete | numeric |  |
| V2275 | sectchoice_social | socially acceptable for a [male/female] to work in this industry | discrete | numeric |  |
| V2276 | sectchoice_other |  | discrete | character |  |
| V2277 | spend_wo_consult | Can spend without consulting spouse | discrete | numeric |  |
| V2278 | take_from_wallet | Would take from spouse's wallet if not home | discrete | numeric |  |
| V2279 | spouse_support_bus | Spouse supports my business | discrete | numeric |  |
| V2280 | spouse_give_money | Spouse woutl provide if I needed it | discrete | numeric |  |
| V2281 | plan_tasks | I plan tasks carefully | discrete | numeric |  |
| V2282 | decide_quickly | I make up my mind quickly | discrete | numeric |  |
| V2283 | save_reg | I save regularly | discrete | numeric |  |
| V2284 | optimism1 | In uncertain times I usually expect the best | discrete | numeric |  |
| V2285 | persist1 | I can think of many times when I persisted with work when others quit | discrete | numeric |  |
| V2286 | persist2 | I continue to work on hard projects even when others oppose me | discrete | numeric |  |
| V2287 | polychron1 | I like to juggle several activities at the same time | discrete | numeric |  |
| V2288 | polychron2_r | I would rather complete an entire project every day than complete parts of sever | discrete | numeric |  |
| V2289 | optimism2_r | If something can go wrong for me, it will | discrete | numeric |  |
| V2290 | polychron3_r | I believe it is best to complete one task before beginning another | discrete | numeric |  |
| V2291 | try_sure | I only try things that I am sure of | discrete | numeric |  |
| V2292 | trust_community | Generally speaking, most people in this community are honest and can be trusted | discrete | numeric |  |
| V2293 | optimism3 | I'm always optimistic about my future | discrete | numeric |  |
| V2294 | rich_risks | A person can get rich by taking risks | discrete | numeric |  |
| V2295 | compet_attitude1 | important for me to do whatever I'm doing as well as I can | discrete | numeric |  |
| V2296 | leader1 | I would make a good leader of people | discrete | numeric |  |
| V2297 | improve | improving my past performance | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2298 | leader2 | I would rather direct it myself | discrete | numeric |  |
| V2299 | compet_attitude2 | perform better than others on a task | discrete | numeric |  |
| V2300 | optimism4_r | I rarely count on good things happening to me | discrete | numeric |  |
| V2301 | plan | I enjoy planning things | discrete | numeric |  |
| V2302 | leader3 | satisfaction in having influence over others | discrete | numeric |  |
| V2303 | work_cent | most important thing that happens in life involves work | discrete | numeric |  |
| V2304 | organised | I am a very organised person | discrete | numeric |  |
| V2305 | language_int | Language interview conducted in | discrete | numeric |  |
| V2306 | marital_status | Marital status | discrete | numeric |  |
| V2307 | married | Married | discrete | numeric |  |
| V2308 | single | Single | discrete | numeric |  |
| V2309 | educ_years | Years of schooling from single question | contin | numeric |  |
| V2310 | ethnicity | ethnicity | discrete | numeric |  |
| V2311 | ethnicity2 | ethnicity2 | discrete | numeric |  |
| V2312 | religion | religion | discrete | numeric |  |
| V2313 | language_home | language_home | discrete | numeric |  |
| V2314 | age | Age of respondent | contin | numeric |  |
| V2315 | firmage | Firm age in years ( $0=$ founded in 2008) | contin | numeric |  |
| V2316 | business_owner |  | discrete | numeric |  |
| V2317 | other_workers |  | discrete | numeric |  |
| V2318 | workers_apprent |  | contin | numeric |  |
| V2319 | workers_family |  | discrete | numeric |  |
| V2320 | workers_paid |  | discrete | numeric |  |
| V2321 | fixed_location |  | discrete | numeric |  |
| V2322 | started_by | Who started the business? | discrete | numeric |  |
| V2323 | startup_spouse |  | discrete | numeric |  |
| V2324 | startup_inher |  | discrete | numeric |  |
| V2325 | startup_loanFF |  | discrete | numeric |  |
| V2326 | startup_loanbank |  | discrete | numeric |  |
| V2327 | bankacct | Do you have a bank account? | discrete | numeric |  |
| V2328 | spend_150ghc | what would you buy with 150 GhC for your business? | discrete | numeric |  |
| V2329 | tradecredit_receive | Do you purchase inputs on credit? | discrete | numeric |  |
| V2330 | tradecredit_give | Do you make sales on credit? | discrete | numeric |  |
| V2331 | susu | Do you use a susu collector? | discrete | numeric |  |
| V2332 | rosca | Do you belong to a ROSCA? | discrete | numeric |  |
| V2333 | bank_applied | Have you ever applied for a loan from a bank? | discrete | numeric |  |
| V2334 | bank_loan | Have you ever been granted a loan from an MFI? | discrete | numeric |  |
| V2335 | mfi_applied | Have you ever applied for a loan from an MFI? | discrete | numeric |  |
| V2336 | mfi_loan |  | discrete | numeric |  |
| V2337 | FF_loan | Have you ever borrrowed money from faily or friends? | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2338 | sector_const |  | discrete | numeric |  |
| V2339 | sector_food |  | discrete | numeric |  |
| V2340 | sector_beauty |  | discrete | numeric |  |
| V2341 | sector_manuf |  | discrete | numeric |  |
| V2342 | sector_sewing |  | discrete | numeric |  |
| V2343 | sector_repair |  | discrete | numeric |  |
| V2344 | sector_trade |  | discrete | numeric |  |
| V2345 | sector_other |  | discrete | numeric |  |
| V2346 | business_taxnumber | Does your business have a tax identification number? | discrete | numeric |  |
| V2347 | drivers_license | Do you have a valid driver's license? | discrete | numeric |  |
| V2348 | passport | Do you have a valid passport? | discrete | numeric |  |
| V2349 | VAT | Is your business registered for VAT? | discrete | numeric |  |
| V2350 | reg_assembly | Is your business registered with the DISTRICT ASSEMBLY? | discrete | numeric |  |
| V2351 | reg_registrar | Is your business registered with the REGISTRAR GENERAL? | discrete | numeric |  |
| V2352 | bus_assoc | Is your business a member of a BUSINESS ASSOCIATION? | discrete | numeric |  |
| V2353 | rel_hhhead | realationship to hosuehold head | discrete | numeric |  |
| V2354 | inheritance_3yrs | Some inheritance in last 3 years | discrete | numeric |  |
| V2355 | sales_neighborhood | \% of sales to customers in neighborhood | contin | numeric |  |
| V2356 | num_comp_neighborhood | Number of competitors in neighborhood | contin | numeric |  |
| V2357 | most_imp_comp_location | Location of most important competitor | discrete | numeric |  |
| V2358 | most_imp_comp_1km | Most important competitor w/in 1 km | discrete | numeric |  |
| V2359 | custom_made_perc | \% of sales custom made | contin | numeric |  |
| V2360 | time_to_replace | Time customers would take to replace respondent | discrete | numeric |  |
| V2361 | ladder_now | Ladder of life now | discrete | numeric |  |
| V2362 | ladder_5years | Ladder of life 5 years from now | discrete | numeric |  |
| V2363 | optimism | Dif ladder 5 years, ladder now | discrete | numeric |  |
| V2364 | occup_5years | What respondent expects to be doing in 5 years | discrete | numeric |  |
| V2365 | employees_5years | expected num employees, 5 years time | contin | numeric |  |
| V2366 | willingness_to_take_risks | $1=$ unwilling, $10=$ completely willing | discrete | numeric |  |
| V2367 | trust_spouse_100 | Trust spouse to deliver 100 GhC to relative | discrete | numeric |  |
| V2368 | trust_spouse_open | Trust spouse to open business | discrete | numeric |  |
| V2369 | trust_fam_100 | Trust sibling, parent to deliver 100 GhC to relative | discrete | numeric |  |
| V2370 | trust_fam_open | Trust sibling, parent to open business | discrete | numeric |  |
| V2371 | trust_extfam_100 | Trust extended family to deliver 100 GhC to relative | discrete | numeric |  |
| V2372 | trust_extfam_open | Trust extended family to open business | discrete | numeric |  |
| V2373 | trust_friend_100 | Trust friend to deliver 100 GhC to relative | discrete | numeric |  |
| V2374 | trust_friend_open | Trust friend to open business | discrete | numeric |  |
| V2375 | trust_employee_100 | Trust employee to deliver 100 GhC to relative | discrete | numeric |  |
| V2376 | trust_employee_open | Trust employee to open business | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2377 | spouse_compell | Spouse has compelled to give in last 3 months | discrete | numeric |  |
| V2378 | house_owner | Who owns the house of the respondent? | discrete | numeric |  |
| V2379 | digitspan | Highest number of digits successfully repeated | discrete | numeric |  |
| V2380 | SHENO1 |  | discrete | character |  |
| V2381 | V187 | firm id number | contin | numeric |  |
| V2382 | InventoriesPanelCheck |  | contin | numeric |  |
| V2383 | CashPanelCheck |  | contin | numeric |  |
| V2384 | InventoriesPanelCheckLagged |  | contin | numeric |  |
| V2385 | CashPanelCheckLagged |  | contin | numeric |  |
| V2386 | InventoriesValue |  | contin | numeric |  |
| V2387 | InventoriesCrossSectionCheck |  | contin | numeric |  |
| V2388 | BusinessCash |  | contin | numeric |  |
| V2389 | InventoriesRevised |  | contin | numeric |  |
| V2390 | CashRevised |  | contin | numeric |  |
| V2391 | knowprof_spouse | Spouse would know if had very profitable month | discrete | numeric |  |
| V2392 | knowprof_parents | Parents would know if had very profitable month | discrete | numeric |  |
| V2393 | knowprof_children | Children would know if had very profitable month | discrete | numeric |  |
| V2394 | knowprof_otherhh | Other in HHold would know if had very profitable month | discrete | numeric |  |
| V2395 | knowprof_extfam | Extended family would know if had very profitable month | discrete | numeric |  |
| V2396 | knowprof_neighbors | Neighbors would know if had very profitable month | discrete | numeric |  |
| V2397 | knowprof_neighbus | Neighboring businesses would know if had very profitable month | discrete | numeric |  |
| V2398 | pressure_share_otherhh | Pressure to share xtra profit with HHold members | discrete | numeric |  |
| V2399 | pressure_share_nonhh | Pressure to share xtra profit with others | discrete | numeric |  |
| V2400 | xtraprof_yourself | Would spend xtra profit on self | discrete | numeric |  |
| V2401 | xtraprof_hhold | Would spend xtra profit on household | discrete | numeric |  |
| V2402 | xtraprof_banksave | Would save xtra profit in bank | discrete | numeric |  |
| V2403 | xtraprof_cashsave | Would save xtra profit as cash | discrete | numeric |  |
| V2404 | xtraprof_busequip | Would spend xtra profit on business assets | discrete | numeric |  |
| V2405 | xtraprof_family | Would spend xtra profit on family | discrete | numeric |  |
| V2406 | xtraprof_nonfamily | Would spend xtra profit on others | discrete | numeric |  |
| V2407 | lottery_giveaway | How much of 100 GhC lottery win would you give away? | contin | numeric |  |
| V2408 | share_return | Would share because want others to share with me | discrete | numeric |  |
| V2409 | share_stature | Would share to improve position in community | discrete | numeric |  |
| V2410 | share_funeral | Would share so others attend my funeral | discrete | numeric |  |
| V2411 | share_borrow | Would share so family can borrow in emergencies | discrete | numeric |  |
| V2412 | round |  | discrete | numeric |  |
| V2413 | expend_fooddrink_home_week | household_2a | contin | numeric |  |
| V2414 | expend_fooddrink_outside_week | household_2b | contin | numeric |  |
| V2415 | expend_housing_month | household_3a | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2416 | expend_fuellight_month | household_3b | contin | numeric |  |
| V2417 | expend_nondurable_month | household_3c | contin | numeric |  |
| V2418 | expend_transport_month | household_3d | contin | numeric |  |
| V2419 | expend_communication_month | household_3e | contin | numeric |  |
| V2420 | expend_recreation_month | household_3f | contin | numeric |  |
| V2421 | expend_services_month | household_3g | contin | numeric |  |
| V2422 | expend_personal_month | household_3h | contin | numeric |  |
| V2423 | expend_contributions_month | household_3i | contin | numeric |  |
| V2424 | expend_clothing_3months | household_4a | contin | numeric |  |
| V2425 | expend_footwear_3months | household_4b | contin | numeric |  |
| V2426 | expend_ceremonies_3months | household_4c | contin | numeric |  |
| V2427 | expend_electronic_3months | household_4d | contin | numeric |  |
| V2428 | expend_furniture_3months | household_4e | contin | numeric |  |
| V2429 | expend_appliances_3months | household_4f | contin | numeric |  |
| V2430 | expend_vehicles_3months | household_4g | contin | numeric |  |
| V2431 | expend_health_3months | household_4h | contin | numeric |  |
| V2432 | expend_education_3months | household_4i | contin | numeric |  |
| V2433 | expend_total_week |  | contin | numeric |  |
| V2434 | expend_total_month |  | contin | numeric |  |
| V2435 | expend_total_3months |  | contin | numeric |  |
| V2436 | expend_total |  | contin | numeric |  |
| V2437 | expend_logtotal |  | contin | numeric |  |
| V2438 | HomeOwnership |  | discrete | character |  |
| V2439 | OwnsLandline | household_6 | discrete | numeric |  |
| V2440 | OwnsMobile | household_7 | discrete | numeric |  |
| V2441 | OwnsSewingMachine | from household_8 | discrete | numeric |  |
| V2442 | OwnsStoveOrCooker | from household_8 | discrete | numeric |  |
| V2443 | OwnsRefrigerator | from household_8 | discrete | numeric |  |
| V2444 | OwnsFreezer | from household_8 | discrete | numeric |  |
| V2445 | OwnsAirConditioner | from household_8 | discrete | numeric |  |
| V2446 | OwnsFan | from household_8 | discrete | numeric |  |
| V2447 | OwnsRadio | from household_8 | discrete | numeric |  |
| V2448 | OwnsCDPlayer | from household_8 | discrete | numeric |  |
| V2449 | OwnsDVDOrVideoPlayer | from household_8 | discrete | numeric |  |
| V2450 | OwnsTV | from household_8 | discrete | numeric |  |
| V2451 | OwnsComputer | from household_8 | discrete | numeric |  |
| V2452 | OwnsMotorcycleOrScooter | from household_8 | discrete | numeric |  |
| V2453 | OwnsBicycle | from household_8 | discrete | numeric |  |
| V2454 | OwnsSatelliteDish | from household_8 | discrete | numeric |  |
| V2455 | OwnsCarVanOrTruck | from household_8 | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2456 | Children_Total | from child roster | contin | numeric |  |
| V2457 | Children_Age0to6 | from child_age | discrete | numeric |  |
| V2458 | Children_Age6to11 | from child_age | discrete | numeric |  |
| V2459 | Children_Age12to18 | from child_age | discrete | numeric |  |
| V2460 | Respondent_MaritalStatus | personal_4 | discrete | character |  |
| V2461 | Respondent_Position | household_1a | discrete | character |  |
| V2462 | Household_Members | household_1b | contin | numeric |  |
| V2463 | Roster_OtherMembers | from household roster | discrete | numeric |  |
| V2464 | Roster_Age0to6 | from roster_3 | discrete | numeric |  |
| V2465 | Roster_Age6tol1 | from roster_3 | discrete | numeric |  |
| V2466 | Roster_Age12tol8 | from roster_3 | discrete | numeric |  |
| V2467 | Roster_Wage | from roster_6 | discrete | numeric |  |
| V2468 | Roster_SelfEmp | from roster_3 | discrete | numeric |  |
| V2469 | business_1c |  | discrete | character |  |
| V2470 | detailedbustype |  | discrete | character |  |
| V2471 | keepsaccounts |  | discrete | numeric |  |
| V2472 | disc1 |  | contin | numeric |  |
| V2473 | discla |  | contin | numeric |  |
| V2474 | truncdisc |  | contin | numeric |  |
| V2475 | disc2 |  | contin | numeric |  |
| V2476 | disc2a |  | contin | numeric |  |
| V2477 | truncdisc2 |  | contin | numeric |  |
| V2478 | hyper1 |  | discrete | numeric |  |
| V2479 | hyper2 |  | discrete | numeric |  |
| V2480 | Discount1_Original |  | contin | numeric |  |
| V2481 | Discount1_Revised |  | contin | numeric |  |
| V2482 | Discount2_Original |  | contin | numeric |  |
| V2483 | Discount2_Revised |  | contin | numeric |  |
| V2484 | Discount_MedianOriginal |  | discrete | numeric |  |
| V2485 | Discount_HyperbolicOriginal |  | discrete | numeric |  |
| V2486 | Discount_MedianTrimOriginal |  | discrete | numeric |  |
| V2487 | Discount_HyperbolicTrimOriginal |  | discrete | numeric |  |
| V2488 | Discount_MedianRevised |  | discrete | numeric |  |
| V2489 | Discount_HyperbolicRevised |  | discrete | numeric |  |
| V2490 | Discount_MedianTrimRevised |  | discrete | numeric |  |
| V2491 | Discount_HyperbolicTrimRevised |  | discrete | numeric |  |
| V2492 | LandBuildings_OwnedRaw |  | contin | numeric |  |
| V2493 | LandBuildings_OwnedFixed |  | contin | numeric |  |
| V2494 | LandBuildings_TotalRaw |  | contin | numeric |  |
| V2495 | LandBuildings_TotalFixed |  | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2496 | OtherCapital_OwnedRaw |  | contin | numeric |  |
| V2497 | OtherCapital_OwnedFixed |  | contin | numeric |  |
| V2498 | OtherCapital_TotalRaw |  | contin | numeric |  |
| V2499 | OtherCapital_TotalFixed |  | contin | numeric |  |
| V2500 | OtherCapital_Revision |  | contin | numeric |  |
| V2501 | trimgroup |  | discrete | numeric |  |
| V2502 | timecash |  | discrete | numeric |  |
| V2503 | timeequip |  | discrete | numeric |  |
| V2504 | timetreat |  | discrete | numeric |  |
| V2505 | atreatcash_timel |  | discrete | numeric |  |
| V2506 | atreatcash_time2 |  | discrete | numeric |  |
| V2507 | atreatcash_time3 |  | discrete | numeric |  |
| V2508 | atreatcash_time4 |  | discrete | numeric |  |
| V2509 | atreatequip_time1 |  | discrete | numeric |  |
| V2510 | atreatequip_time2 |  | discrete | numeric |  |
| V2511 | atreatequip_time3 |  | discrete | numeric |  |
| V2512 | atreatequip_time4 |  | discrete | numeric |  |
| V2513 | atreat_time1 |  | discrete | numeric |  |
| V2514 | atreat_time2 |  | discrete | numeric |  |
| V2515 | atreat_time3 |  | discrete | numeric |  |
| V2516 | atreat_time4 |  | discrete | numeric |  |
| V2517 | inventories1 |  | contin | numeric |  |
| V2518 | cashonhand1 |  | contin | numeric |  |
| V2519 | inventoriescap |  | contin | numeric |  |
| V2520 | totalK |  | contin | numeric |  |
| V2521 | totalcap |  | contin | numeric |  |
| V2522 | control |  | discrete | numeric |  |
| V2523 | paidemployee |  | discrete | numeric |  |
| V2524 | businesshome |  | discrete | numeric |  |
| V2525 | akanspeaker |  | discrete | numeric |  |
| V2526 | gaspeaker |  | discrete | numeric |  |
| V2527 | everloan |  | discrete | numeric |  |
| V2528 | fem |  | discrete | numeric |  |
| V2529 | assetindex | Scores for component 1 | contin | numeric |  |
| V2530 | aindex |  | contin | numeric |  |
| V2531 | baseprof |  | contin | numeric |  |
| V2532 | mbaseprof |  | contin | numeric |  |
| V2533 | wave2prof |  | contin | numeric |  |
| V2534 | mwave2prof |  | contin | numeric |  |
| V2535 | female |  | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2536 | male |  | discrete | numeric |  |
| V2537 | maxprofgroup |  | contin | numeric |  |
| V2538 | minprofgroup |  | contin | numeric |  |
| V2539 | lowgroup |  | discrete | numeric |  |
| V2540 | mlowgroup |  | discrete | numeric |  |
| V2541 | highgroup |  | discrete | numeric |  |
| V2542 | lowcapture |  | discrete | numeric |  |
| V2543 | lowcapital |  | discrete | numeric |  |
| V2544 | atreatcashfemale |  | discrete | numeric |  |
| V2545 | atreatequipfemale |  | discrete | numeric |  |
| V2546 | atreatcashmale |  | discrete | numeric |  |
| V2547 | atreatequipmale |  | discrete | numeric |  |
| V2548 | wave2_female |  | discrete | numeric |  |
| V2549 | wave3_female |  | discrete | numeric |  |
| V2550 | wave4_female |  | discrete | numeric |  |
| V2551 | wave5_female |  | discrete | numeric |  |
| V2552 | wave6_female |  | discrete | numeric |  |
| V2553 | exp_sales_2months | expected sales 2 months from now | contin | numeric |  |
| V2554 | low_sales_2months | lowest expected sales in 2 months | contin | numeric |  |
| V2555 | high_sales_2months | highest expected sales in 2 months | contin | numeric |  |
| V2556 | exp_range1 | number of stones in box 1 (lowest) | discrete | numeric |  |
| V2557 | exp_range2 | number of stones in box 2 | discrete | numeric |  |
| V2558 | exp_range3 | number of stones in box 3 | discrete | numeric |  |
| V2559 | exp_range4 | number of stones in box 4 | contin | numeric |  |
| V2560 | exp_range5 | number of stones in box 5 | discrete | numeric |  |
| V2561 | exp_range6 | number of stones in box 6 (highest) | discrete | numeric |  |
| V2562 | exp_understood | Enumerator: did respondent understand expectations exercise? | discrete | numeric |  |
| V2563 | norm_const_female | Do you believe that it is socially accepted for a WOMAN to work in CONSTRUCTION? | discrete | numeric |  |
| V2564 | norm_const_male | Do you believe that it is socially accepted for a MAN to work in CONSTRUCTION? | discrete | numeric |  |
| V2565 | norm_chopshop_female | Do you believe that it is socially accepted for a WOMAN to work in a CHOP SHOP? | discrete | numeric |  |
| V2566 | norm_chopshop_male | Do you believe that it is socially accepted for a MAN to work in a CHOP SHOP? | discrete | numeric |  |
| V2567 | norm_sew_female | Do you believe that it is socially accepted for a WOMAN to work in SEWING? | discrete | numeric |  |
| V2568 | norm_sew_male | Do you believe that it is socially accepted for a MAN to work in SEWING? | discrete | numeric |  |
| V2569 | norm_food_female | Do you believe that it is socially accepted for a WOMAN to work as a STREET VEND | discrete | numeric |  |
| V2570 | norm_food_male | Do you believe that it is socially accepted for a MAN to work as a STREET VENDOR | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2571 | norm_hair_female | Do you believe that it is socially accepted for a WOMAN to work in a HAIR AND BE | discrete | numeric |  |
| V2572 | norm_hair_male | Do you believe that it is socially accepted for a MAN to work in a HAIR AND BEAU | discrete | numeric |  |
| V2573 | norm_trader_female | Do you believe that it is socially accepted for a WOMAN to work as a MARKET TRAD | discrete | numeric |  |
| V2574 | norm_trader_male | Do you believe that it is socially accepted for a MAN to work as a MARKET TRADER | discrete | numeric |  |
| V2575 | total_stones | total number of stones placed (should be 10) | contin | numeric |  |
| V2576 | timeuse_1 | Talking with customers? | contin | numeric |  |
| V2577 | timeuse_2 | Talking with suppliers of goods that you purchase regularly? | contin | numeric |  |
| V2578 | timeuse_3 | Talking with suppliers of equipment or other goods purchased less frequent? | contin | numeric |  |
| V2579 | timeuse_4 | Directing employees to perform tasks? | contin | numeric |  |
| V2580 | timeuse_5 | Dealing with production issues, including the breakdown of machinery? | contin | numeric |  |
| V2581 | timeuse_6 | Talking with inspectors, regulators or other government officials? | discrete | numeric |  |
| V2582 | timeuse_7 | Researching new products or potential product offerings? | contin | numeric |  |
| V2583 | timeuse_8 | Talking with competitors? | contin | numeric |  |
| V2584 | timeuse_9 | Observing competitors businesses? | contin | numeric |  |
| V2585 | raven | Number correct on Raven test | discrete | numeric |  |
| V2586 | timeuse_hours | Total of hours reported on time use questions | contin | numeric |  |
| V2587 | reason_fail | Main reason businesses like yours fail | discrete | numeric |  |
| V2588 | trust_gen | Generally speaking would you say that most people can be trusted | discrete | numeric |  |
| V2589 | trust_neighbors | How much do you trust your neighbors? | discrete | numeric |  |
| V2590 | trust_strangers | How much do you trust people you meet for first time? | discrete | numeric |  |
| V2591 | trust_press | How much do you trust the press? | discrete | numeric |  |
| V2592 | trust_police | How much do you trust the police? | discrete | numeric |  |
| V2593 | trust_courts | How much do you trust the courts? | discrete | numeric |  |
| V2594 | trust_nat_gov | How much do you trust the national government? | discrete | numeric |  |
| V2595 | trust_dist_assem | How much do you trust the district assembly? | discrete | numeric |  |
| V2596 | trust_mun_coun | How much do you trust the municipal council? | discrete | numeric |  |
| V2597 | trust_IRS | How much do you trust the revenue collection agencies? | discrete | numeric |  |
| V2598 | position_resp | Do you occupy a position of responsibility in the neighbourhood? | discrete | numeric |  |
| V2599 | position_hh_member | Does any other member of your household occupy a position of responsibility in $t$ | discrete | numeric |  |
| V2600 | bus_knowledge | How knowledgeable about business are you? | discrete | numeric |  |
| V2601 | married_4 | Married? asked in round 4 | discrete | numeric |  |
| V2602 | barg_prof_higher | The profits of enterprise higher because of spouse's (fam) involvement | discrete | numeric |  |
| V2603 | barg_help_run | My spouse (fam) helps to run my enterprise | discrete | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2604 | barg_bright_future | Because of spouse (fam) efforts in business, business do well in future | discrete | numeric |  |
| V2605 | barg_take_cash | Not hold cash or inventories because too easy for household members to take | discrete | numeric |  |
| V2606 | barg_more_control | Have more control over assets in business than over money at home | discrete | numeric |  |
| V2607 | barg_spend_prof | Hard not to spend business capital on personal expenses | discrete | numeric |  |
| V2608 | barg_equip_safer | Equipment less likely to be captured than cash or inventories | discrete | numeric |  |
| V2609 | hhdec_food_youalone | Respondent makes decisions on food purchases by him/herself | discrete | numeric |  |
| V2610 | hhdec_routinehh_youalone | Respondent makes decisions on routine household purchases by him/herself | discrete | numeric |  |
| V2611 | hhdec_clothes_youalone | Respondent makes decisions on own clothes purchases by him/herself | discrete | numeric |  |
| V2612 | hhdec_childclothes_youalone | Respondent makes decisions on children's clothes purchases by him/herself | discrete | numeric |  |
| V2613 | hhdec_parents_youalone | Respondent makes decisions on transfers to his/her parents by him/herself | discrete | numeric |  |
| V2614 | hhdec_busequip_youalone | Respondent makes decisions on business equipment purchases by him/herself | discrete | numeric |  |
| V2615 | hhdec_busprof_youalone | Respondent makes decisions on reinvestment of business profit by him/herself | discrete | numeric |  |
| V2616 | hhdec_alcohol_doesnotapply | Household alcohol purchases 'Does not apply' | discrete | numeric |  |
| V2617 | hhdec_alcohol_you | Respondent is involved in decisions on household alcohol purchases | discrete | numeric |  |
| V2618 | hhdec_alcohol_other | Others in household are involved in decisions on household alcohol puchases | discrete | numeric |  |
| V2619 | barg_spouse_re100 | How much would I have to give you spouse rather than giving you 100 GhC | contin | numeric |  |
| V2620 | schooling_father | How many years of education did your father complete? | contin | numeric |  |
| V2621 | schooling_mother | How many years of education did your mother complete? | contin | numeric |  |
| V2622 | ghana_age6 | Did you live in Ghana at age 6 (or another country)? | discrete | numeric |  |
| V2623 | lived_age6 | Where did you live at age 6 (numeric)? | discrete | numeric |  |
| V2624 | Apprentices | (lastnm) Apprentices | contin | numeric |  |
| V2625 | UnpaidFamily | (lastnm) UnpaidFamily | discrete | numeric |  |
| V2626 | PaidEmployees | (lastnm) PaidEmployees | discrete | numeric |  |
| V2627 | MarriedConsensualBaseline | (lastnm) MarriedConsensualBaseline | discrete | numeric |  |
| V2628 | OwnAssetsBrought | (lastnm) OwnAssetsBrought | contin | numeric |  |
| V2629 | SpouseAssetsBrought | (lastnm) SpouseAssetsBrought | contin | numeric |  |
| V2630 | OwnMarriageAge | (lastnm) OwnMarriageAge | contin | numeric |  |
| V2631 | SpouseMarriageAge | (lastnm) SpouseMarriageAge | contin | numeric |  |
| V2632 | OwnOperatingBusiness | (lastnm) OwnOperatingBusiness | discrete | numeric |  |
| V2633 | SpouseOperatingBusiness | (lastnm) SpouseOperatingBusiness | discrete | numeric |  |
| V2634 | TotalAssetsBrought |  | contin | numeric |  |
| V2635 | OwnAssetsShare |  | contin | numeric |  |


| ID | Name | Label | Type | Format | Question |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V2636 | OwnEduc |  | discrete | numeric |  |
| V2637 | SpouseEduc |  | discrete | numeric |  |
| V2638 | DiffEduc |  | contin | numeric |  |
| V2639 | OtherHouseholdincome |  | contin | numeric |  |
| V2640 | R6OtherHouseholdBusiness | (sum) OwnsBusiness | discrete | numeric |  |
| V2641 | MarriageAgeSelf |  | contin | numeric |  |
| V2642 | MarriageAgeSpouse |  | contin | numeric |  |
| V2643 | MarriageLandBuildSelf |  | contin | numeric |  |
| V2644 | MarriageLandBuildSpouse |  | contin | numeric |  |
| V2645 | MarriageConsumerSelf |  | contin | numeric |  |
| V2646 | MarriageConsumerSpouse |  | contin | numeric |  |
| V2647 | MarriageCashSelf |  | contin | numeric |  |
| V2648 | MarriageCashSpouse |  | contin | numeric |  |
| V2649 | TotalAssetsSelf |  | contin | numeric |  |
| V2650 | TotalAssetsSpouse |  | contin | numeric |  |
| V2651 | SpouseMoreAssets |  | discrete | numeric |  |
| V2652 | Spouse50PercentMoreAssets |  | discrete | numeric |  |
| V2653 | HouseholdSize |  | discrete | numeric |  |
| V2654 | SpouseEmployedEarning | (sum) SpouseEmployedEarning | discrete | numeric |  |
| V2655 | OtherHouseholdBusiness | (sum) OwnsBusiness | discrete | numeric |  |
| V2656 | norms_7 | Whenever I have money on hand, my spouse or other family members always end up $r$ | discrete | character |  |
| V2657 | norms_8 | People who do well in their business here are likely to receive additional reque | discrete | character |  |
| V2658 | norms_9 | Machines and equipment held in my business are a good way of saving money so tha | discrete | character |  |
| V2659 | norms_12 | Without the income earned in my business, my household would have a hard time ha | discrete | character |  |
| V2660 | household_5h |  | discrete | character |  |
| V2661 | belongf |  | discrete | numeric |  |
| V2662 | drink |  | discrete | numeric |  |
| V2663 | noimpulse1 |  | discrete | numeric |  |
| V2664 | noimpulse2 |  | discrete | numeric |  |
| V2665 | jointown |  | discrete | numeric |  |
| V2666 | numsib |  | contin | numeric |  |
| V2667 | sibsAccra |  | contin | numeric |  |

## r7tomerge

|  | Longer-term follow-up data for the seventh round of the survey conducted by Oxford in 2012. The data <br> is used for one table in the paper Marcel Fafchamps, David McKenzie, Simon Quinn and Chris Woodruff <br> (2013) "Microenterprise Growth and the Flypaper Effect: Evidence from a Randomized Experiment in <br> Ghana" Journal of Development Economics, 106: 211-226. |
| :--- | :--- |
| Content | 793 |
| Cases | Variable(s) |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Label | Type | Format | Question |
| :--- | :--- | :--- | :--- | :--- | :--- |
| V2189 | sheno | Firm identifying number | contin | numeric |  |
| V2190 | realfinalprofit | Real final profit | contin | numeric |  |
| V2191 | accept | agreed to be interviewed in round 7 | discrete | numeric |  |
| V2192 | surviver7 | Survived in round 7 | discrete | numeric |  |
| V2193 | totalK | Capital Stock | contin | numeric |  |
| V2194 | wave | Survey wave | discrete | numeric |  |

## TreatmentAssignment

| Content | Data on the random assignment to treatment groups. |
| :--- | :--- |
| Cases | 793 |
| Variable(s) | 13 |
| Structure | Type: <br> Keys: () |
| Version |  |
| Producer |  |
| Missing Data |  |

## Variables

| ID | Name | Rabel | Type | Format | Question |
| :--- | :--- | :--- | :--- | :--- | :--- |
| V2668 | male_male | Male in a male dominated industry | discrete | numeric |  |
| V2669 | female_female | Female in a female dominated industry | discrete | numeric |  |
| V2670 | male_mixed | Male in a mixed gender industry | discrete | numeric |  |
| V2671 | female_mixed | Female in a mixed gender industry | discrete | numeric |  |
| V2672 | highcapture | High capture | discrete | numeric |  |
| V2673 | highcapital | High baseline capital | discrete | numeric |  |
| V2674 | groupnum | Randomization Strata | discrete | numeric |  |
| V2675 | cashtreat | Ever assigned to Cash treatment | discrete | numeric |  |
| V2676 | equiptreat | Ever assigned to Equipment treatment | discrete | numeric |  |
| V2677 | earlytreat | Assigned to Early treatment group (after round 2) | discrete | numeric |  |
| V2678 | assigntreat | Ever assigned to treatment | discrete | numeric |  |
| V2679 | sheno | Firm identification number | discrete | numeric |  |
| V2680 | latetreat | Assigned to Late treatment group (after round 4) | discrete | numeric |  |

## SHENO (SHENO)

File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 907
Format: character
Width: 10

Invalid: 0

## Question Number (questionnumber)

File: GhanaBaselineMultiple_la

## Overview

Type: Discrete

Valid cases: 808
Invalid: 0

Format: character

Instance (instance)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete Valid cases: 907
Format: character Invalid: 0
Width: 22

Question heading (questionheading)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 808
Format: character
Invalid: 0
Width: 18

Answer (answer)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 898
Format: character
Invalid: 0

Gender (1=female, $2=$ male) (roster_1)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 406
Format: character
Width: 6

## Gender (1=female, $2=$ male) (roster_1) <br> File: GhanaBaselineMultiple_la

We are about to ask about members of the household. Please include all people who usually live in this household. Please include individuals who are temporarily living elsewhere or temporarily working in another location (i.e. for three months or less). However, please do NOT include the respondent in the roster; we have already asked about the respondent.

## Literal question

Sex:

# Relationship to household (roster_2) <br> File: GhanaBaselineMultiple_la 

## Overview

Type: Discrete
Valid cases: 409
Format: character
Invalid: 0
Width: 35

## Literal question

Relationship to household head:

## Age (roster_3) <br> File: GhanaBaselineMultiple_la

## Overview

Type: Continuous
Valid cases: 386
Format: numeric
Invalid: 521
Width: 3
Minimum: 0
Decimals: 0
Maximum: 105
Range: 0-105

## Literal question

Age

Years of education completed (roster_4)
File: GhanaBaselineMultiple_la

## Overview

Type: Continuous
Valid cases: 386
Format: numeric
Invalid: 521
Width: 3
Minimum: 0
Decimals: 0
Range: 0-999

## Literal question

How many years of education has this person completed?

Marital status (roster 5)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 394
Format: character
Width: 26

Invalid: 0

# Marital status (roster 5) 

File: GhanaBaselineMultiple_la
Marital status: (roster_5)

# Activities involved at present (roster_6) <br> File: GhanaBaselineMultiple_la 

## Overview

Type: Discrete
Valid cases: 407
Format: character
Invalid: 0 Width: 54

## Literal question

What activities is this person involved in at present? (roster_6)
(ticklist)

Hours worked in a normal week (roster_7)
File: GhanaBaselineMultiple_la

## Overview

Type: Continuous
Valid cases: 383
Format: numeric
Invalid: 524
Width: 3
Minimum: 0
Decimals: 0
Maximum: 999
Range: 0-999

## Literal question

If employed, how many hours does/did this person work in a normal week? (roster_7)

## Earnings in a normal month if employed (roster_8)

File: GhanaBaselineMultiple_la

## Overview

Type: Continuous
Valid cases: 383
Format: numeric
Invalid: 524
Width: 3
Minimum: 0
Decimals: 0
Range: 0-999
Maximum: 999

## Literal question

If employed, how much does this person earn in a normal month (GHc)? (roster_8)

Assists in respondent's business (1=Yes, 2=No) (roster_9)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 406
Format: character
Invalid: 0
Width: 3

## Literal question

Does this person assist in the respondent's business? (roster_9)

Hours worked in respondent's business last week (roster_10) File: GhanaBaselineMultiple_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-70

Valid cases: 40
Invalid: 867
Minimum: 0
Maximum: 70

## Literal question

Hours worked in the respondent's business last week: (roster_10)

# Receiving pay by respondent's business (roster_11) <br> File: GhanaBaselineMultiple_la 

## Overview

Type: Discrete
Format: character Width: 31

Valid cases: 419
Invalid: 0

## Literal question

How is this person paid by the respondent's business? (roster_11)

Apprentice in respondent's business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (roster_12) File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 419
Format: character
Invalid: 0
Width: 3

## Literal question

Is this person an apprentice in the respondent's business? (roster_12)

Nature of business (business_description)
File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Format: character
Width: 47

## Literal question

What is the nature of this business?

## Gender of child (child_gender)

File: GhanaBaselineMultiple_la

## Overview

Format: character
Invalid: 0

Valid cases: 716
Invalid: 0

# Gender of child (child gender) <br> File: GhanaBaselineMultiple_la 

What is this child's gender?

## Age of child (child_age)

File: GhanaBaselineMultiple_la

## Overview

Type: Discrete
Valid cases: 706
Format: character
Invalid: 0
Width: 50

## Literal question

What is this child's age?

Firm identification number (SHENO)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 907
Format: character
Invalid: 0
Width: 10

Start time of interview (questionnaire_starttime)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 907
Format: character
Invalid: 0
Width: 23

Date of interview (questionnaire_date)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 907
Format: character Invalid: 0

Interviewer was able to find the owner ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_1a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 905
Format: character
Invalid: 0
Width: 15
Literal question
Were you able to find the respondent? (introduction_1a)

Reason why interviewer was unable to find resp. (introduction_1c) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 19
Format: character
Invalid: 0 Width: 50

## Literal question

Why were you unable to find the respondent? (introduction_1c)

Resp. agreed to be interviewed ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_1d) File: GhanaBaselineSingle_la

# Resp. agreed to be interviewed ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_1d) File: GhanaBaselineSingle_la 

Overview

Type: Discrete
Format: character
Width: 15

Valid cases: 907
Invalid: 0

## Literal question

Did the respondent agree to be interviewed? (introduction_1d)

Interviewer is sure that resp. does NOT agree to be interviewed (1=Yes, $2=$ No) (introduction_1e)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Valid cases: 4
Width: 23
Invalid: 0

## Literal question

Are you SURE that the respondent does NOT agree to be interviewed? If so, this will END the interview. (introduction_le)

Gender (1=female, 2 =male) (introduction_5)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 907
Format: character
Invalid: 0

## Literal question

Gender of respondent: (introduction_5)

Home address same as business address ( $1=$ yes, $2=$ no )
(introduction_8)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 905
Format: character
Width: 14
Invalid: 0

## Literal question

Is the home address the same as the business address? (introduction_8)

Time it takes to walk from home to business (introduction_11)
File: GhanaBaselineSingle_la

## Overview

# Time it takes to walk from home to business (introduction_11) <br> File: GhanaBaselineSingle_la <br> Literal question <br> How long does it take to walk from your home to your business? (introduction_11) 

# Survey language (introduction_13) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 904
Format: character
Width: 15

## Literal question

Language in which this survey is conducted. (introduction_13)
(stopwatch personalbusiness)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 903

Format: character
Invalid: 0

Place of interview ( $1=$ At home, $2=$ At the business, $3=$ In both places) (personal_1)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 902
Format: character Invalid: 0
Width: 15

## Literal question

Where is the interview taking place? (personal_1)

Number of businesses owned by resp. (personal_2)
File: GhanaBaselineSingle_la

## Overview

## Literal question

How many businesses do you own? (personal_2)

# Verification: resp. does not own any business ( $1=$ Yes, $2=$ No) (personal 3) 

## File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 20

## Valid cases: 5

Invalid: 0

## Literal question

If " 0 "..
Is it correct that the respondent does not own any business? (personal_3)

Nature of business (business_1a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 846
Format: character
Width: 50

## Literal question

What is the nature of your business? (business_1a)

# Business sector (business 1b) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 902
Format: character
Invalid: 0
Width: 30

## Literal question

Sector: (business_1b, then business_1c)

# Business sector subcategory (business_1c) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete

Valid cases: 819
Invalid: 0

## Literal question

Sector: (business_1b, then business_1c)

Respondent's multiple businesses located at the same place (business_2)
File: GhanaBaselineSingle_la

## Overview

# Respondent's multiple businesses located at the same place (business 2) 

File: GhanaBaselineSingle_la

```
Type: Discrete Valid cases: 36
Format: character
Invalid: 0
```

Width: 10

## Literal question

Are your multiple businesses located at the same place? (business_2)

# Business ownership (business_3) 

File: GhanaBaselineSingle_la

## Overview

| Type: Discrete | Valid cases: 902 |
| :--- | :--- |
| Format: character | Invalid: 0 |

Width: 44
Invalid: 0

## Literal question

Who owns this business? (business_3)

Verification: resp.does not own the business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (business_4)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 15
Format: character
Invalid: 0

## Literal question

Is it correct that the respondent does not own the business? If this is correct, this will END the interview. (business_4)

# Person spending most time working in the business (business_5a) File: GhanaBaselineSingle_la 

## Overview

```
Type: Discrete
Valid cases: 42
Format: character
Invalid: 0
```

Width: 37

## Literal question

Who spends most time working in the business? (business_5a)

Person dealing most with customers in the business (business_5b) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 37
Literal question

Valid cases: 42
Invalid: 0

# Person dealing most with customers in the business (business_5b) File: GhanaBaselineSingle_la <br> Who is the person who deals most with customers in the business? (business_5b) 

# Person in charge of proceeds of the business (business_5c) File: GhanaBaselineSingle_la 

## Overview

| Type: Discrete | Valid cases: 42 |
| :--- | :--- |
| Format: character | Invalid: 0 | Width: 37

Literal question
Who is in charge of the proceeds of the business? (business_5c)

Days spent working in the business - LAST week (business_6a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 870
Format: character Invalid: 0
Width: 49

## Literal question

How many hours a week do you personally spend working in the business?
Days worked

Hours spent working in the business per day - LAST week (business_6b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 13

Literal question
How many hours a week do you personally spend working in the business?
Hours per day

Total hours spent working in the business - LAST week (business_6c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 753
Format: character
Width: 11

Valid cases: 858
Invalid: 0

## Literal question

How many hours a week do you personally spend working in the business?
Total hours (Number of days * Hours per day)

# Days spent working in the business - NORMAL week (business_7a) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 883
Format: character
Invalid: 0
Width: 25

## Literal question

How many hours a week do you personally spend working in the business?
IN A NORMAL WEEK:
Days per week

Hours spent working in the business per day - NORMAL week (business_7b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 881
Format: character
Invalid: 0
Width: 14

## Literal question

How many hours a week do you personally spend working in the business?
IN A NORMAL WEEK:
Hours per day

# Total hours spent working in the business - NORMAL week (business 7c) 

## File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 785
Format: character
Invalid: 0
Width: 11

## Literal question

How many hours a week do you personally spend working in the business?
IN A NORMAL WEEK:
Total hours (Number of days * Hours per day)

# Days spent working full effort in the business - FULL EFFORT LAST WEEK (business_8a) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 874
Format: character
Invalid: 0

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Days worked

Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 849
Format: character
Invalid: 0

## Width: 11

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Hours of full effort per day

# Total hours of full effort - FULL EFFORT LAST WEEK <br> (business_8c) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 761
Format: character
Invalid: 0
Width: 11

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Total hours (Number of days * Hours per day)

Does anyone apart from respondent work in the business ( $1=$ Yes, $2=$ No) (business_9)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 890
Format: character
Invalid: 0
Width: 12

## Literal question

Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (business_9)

# Number of apprentices working in the business (business_10a) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 233
Format: character
Width: 12
Invalid: 0

## Literal question

How many apprentices work in the business? (business_10a)

Number of family members working in the business without a regular wage (business_10b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 222
Format: character
Invalid: 0
Width: 12

## Literal question

How many family members work in the business without a regular wage? (business_10b)

# Number of paid employees working in the business (business_10c) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 215
Format: character
Invalid: 0
Width: 12

## Literal question

How many paid employees work in the business? (business_10c)

Number of days business was not operating in September 2008 (business_11)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 718
Format: character
Invalid: 0
Width: 31

## Literal question

For how many days was your business NOT operating in September 2008? (Do not count days that your business is always closed; for example, on Fridays or Sundays.) (business_11)

## Interviewer instructions

If none, skip over questions about business closure.

# Number of days business was closed because respondent was ill (business_12a) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 250
Format: character
Invalid: 0

## Width: 12

[^0]Number of days business was closed because someone else was ill (business_12b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 226
Format: character
Invalid: 0
Width: 12

## Literal question

For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b)

Number of days business was closed because of other family or community events (business_12c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 226
Format: character
Invalid: 0
Width: 12

## Literal question

For how many days was the business closed because of other family or community events (for example, a funeral or festival)? (business_12c)

# Place of operation of business (business_13a) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 890
Format: character
Invalid: 0
Width: 32

## Literal question

Does your business operate in a permanent place, or is it mobile? (business_13a)

Description of fixed location (business_13b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 695
Format: character
Invalid: 0
Width: 61

## Literal question

Which best describes that fixed location? (business_13b)

Description of mobile business ( $1=$ moves from place to place, 2=hawker-type) (business_13c)
File: GhanaBaselineSingle_la

## Overview

# Description of mobile business (1=moves from place to place, 2=hawker-type) (business_13c) <br> File: GhanaBaselineSingle_la 

| Type: Discrete | Valid cases: 195 |
| :--- | :--- |
| Format: | Invalid: 0 |

Format: character
Invalid: 0
Width: 47

## Literal question

What best describes that mobile business? (business_13c)

## Age of respondent (business_14)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 890
Format: character
Invalid: 0
Width: 11

## Literal question

What is your age? (business_14)

## Marital status (personal_4) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 890
Format: character
Invalid: 0

## Literal question

Marital status: (personal_4)

# Respondent has children (children_1) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 889
Format: character
Invalid: 0

## Literal question

Do you have children? (children_1)

# Number of male children (Howmanyofyourchildrenareboys) File: GhanaBaselineSingle_la 

## Overview

| Type: Discrete | Valid cases: 667 |
| :--- | :--- |
| Format: character | Invalid: 0 |

How many of your children are boys? (Howmanyofyourchildrenareboys)

Number of female children (Howmanyofyourchildrenaregirls)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 668
Format: character
Invalid: 0
Width: 36

## Literal question

How many of your children are girls? (Howmanyofyourchildrenaregirls)

Person looking after children when resp. is working (children_2) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 696
Format: character
Width: 72
Invalid: 0

## Literal question

Who looks after them when you are working and they are not in school? (If more than one is true, choose the most important.) (children_2)

# Planning to have more/any children (children_3) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 882
Format: character
Invalid: 0
Width: 10

## Literal question

Are you planning to have more/any children? (The question is adapted to the earlier response.) (children_3)

Ethnic group(s) repondent belongs to (personal_5)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Invalid: 0
Width: 20

## Literal question

To which ethnic group (or groups) do you belong? (Multiple answers allowed.) (personal_5)

Religious groups respondent belongs to (personal_6)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Width: 34

Valid cases: 885
Invalid: 0

## Literal question

To which religious group do you belong? (personal_6)

# Main language spoken at home (personal_7) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 887
Format: character
Invalid: 0
Width: 14

## Literal question

What is the main language you speak at home? (personal_7)

# Highest level of education attended (personal_8) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 887
Format: character
Invalid: 0
Width: 19

## Literal question

What is the highest level of education that you have attended? What is the highest level of education that you have attended within [the previous category]? (personal_8, then personal_9a)

## Within highest level of education attended, specific subgroup (personal 9a)

## File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 799
Format: character
Invalid: 0

## Width: 27

## Literal question

What is the highest level of education that you have attended? What is the highest level of education that you have attended within [the previous category]? (personal_8, then personal_9a)

Completed years of education (personal_9b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 872
Format: character
Invalid: 0
Width: 12

## Literal question

How many years of education have you completed? (personal_9b)

Reason for self-employment: Family member had worked in same industry (personal_10a)
File: GhanaBaselineSingle_la

## Overview

# Reason for self-employment: Family member had worked in same industry (personal_10a) 

File: GhanaBaselineSingle_la
$\begin{array}{ll}\text { Type: Discrete } & \text { Valid cases: } 884 \\ \text { Format: character } & \text { Invalid: } 0\end{array}$
Width: 26

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because a family member had worked in the same industry. (personal_10a)

# Reason for self-employment: Friends had worked in same industry (personal_10b) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete

Valid cases: 882
Format: character
Invalid: 0

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because friends had worked in the same industry. (personal_10b)

Reason for self-employment: Low capital requirements (personal_10c)

## File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 878
Format: character
Invalid: 0
Width: 26

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because of low capital requirements. (personal_10c)

## Reason for self-employment: Previous experience as wage worker in this industry (personal_10d) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete

[^1]Format: character
Invalid: 0

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because of previous experience as a wage worker in this industry. (personal_10d)

# Reason for self-employment: Previous experience as apprentice in this industry (personal_10e) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 881
Invalid: 0

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because of previous experience as an apprentice in this industry. (personal_10e)

# Reason for self-employment: Need to balance family obligations and work (personal_10f) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete<br>Valid cases: 884<br>Format: character<br>Invalid: 0

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because of the need to balance family obligations and work. (personal_10f)

## Reason for self-employment: High earnings in this industry (personal_10g)

## File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 878

Format: character
Invalid: 0

## Width: 26

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because of high earnings in this industry. (personal_ 10 g )

## Reason for self-employment: Provides a steady, reliable income (personal_10h)

## File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 881
Format: character
Width: 26
Invalid: 0

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because it provides a steady, reliable income. (personal_10h)

# Reason for self-employment: Fewer government inspections (personal 10i) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 881
Format: character
Width: 26
Invalid: 0

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because of fewer government inspections. (personal_10i)

# Reason for self-employment: Industry is socially acceptable for a male/female (personal_10j) <br> File: GhanaBaselineSingle_la 

## Overview

```
Type: Discrete
Valid cases: }88
Format: character
Invalid: 0
Width: }2
```


## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Because it is socially acceptable for a [male/female] to work in this industry. (personal_10j)

# Any other reason for self-employment (personal 10k) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 460
Format: character
Invalid: 0
Width: 50

## Literal question

We would now like to understand why you chose to be self-employed in [nature of business], instead of other self-employment.
Any other reason: (personal_10k)

## Single most important reason for working in this industry (Business_19) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete

[^2]Format: character
Width: 76

## Literal question

Which of these was the single most important reason you decided to work in this industry? (Business_19)

# (stopwatch_balancesheet) <br> File: GhanaBaselineSingle_la 

Overview
Type: Discrete Valid cases: 886
Format: character
Invalid: 0
Width: 22

# Person who started the business (balance 1a) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 885
Format: character
Width: 40

## Literal question

Who started this business? (balance_1a)

How did respondent come to own the business? (balance_1b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 24
Format: character
Invalid: 0
Width: 50

## Literal question

How did you come to own the business? (balance_1b)

# Year in which business began operations (balance_1c) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Width: 18

Valid cases: 885
Invalid: 0

## Literal question

In which year did this business begin operations? (balance_1c)

Month of \{year\} in which business began operations, if started after 2007 (balance_1d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 182
Format: character
Invalid: 0

## Literal question

If started after 2007:
In which month of \{year\} did the business begin operations? (balance_1d)

# Resp. did own land or market space used by business before starting operations (balance 2a) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 885
Format: character
Invalid: 0
Width: 10

## Literal question

Before you started, did you own the land or market space used by the business? (balance_2a)

# Total value of land and market space purchased (balance_2c) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Format: character
Valid cases: 40
Width: 18
Invalid: 0

## Literal question

What was the total value of the land and market space that you purchased? (balance_2c)

# Currency of value of land and market space purchased <br> (balance_2d) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete<br>Format: character

Valid cases: 42
Invalid: 0

## Pre question

What was the total value of the land and market space that you purchased?
Literal question
Currency of answer: (balance_2d)

# Resale value of land and market space today (balance_2e) File: GhanaBaselineSingle_la 

## Overview

| Type: Discrete | Valid cases: 40 |
| :--- | :--- |
| Format: character | Invalid: 0 |

Format: character Invalid: 0 Width: 16

## Literal question

How much would you pay for the same land and market space today? (balance_2e1)

Rent paid up-front when starting the business (balance_2f)
File: GhanaBaselineSingle_la

## Overview

# Rent paid up-front when starting the business (balance_2f) File: GhanaBaselineSingle_la <br> Type: Discrete Valid cases: 450 <br> Format: character Invalid: 0 <br> Width: 97 <br> <br> Literal question <br> <br> Literal question <br> How much rent did you pay up-front when you started? (balance_2f) 

Currency of rent paid up-front when starting the business (balance_2g)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 699
Format: character
Invalid: 0
Width: 15

## Pre question

How much rent did you pay up-front when you started? (balance_2f)
Literal question
Currency of answer: (balance_2g)

Period covered by rent paid up-front when starting the business (balance_2h)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 190
Format: character
Invalid: 0
Width: 31

## Pre question

How much rent did you pay up-front when you started? (balance_2f)

## Literal question

What period did this cover? (balance_2h)

Resp. had any machines, equipment or furniture when starting the business (balance_3a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 886
Format: character
Invalid: 0
Width: 10

## Literal question

When you started, did you have any machines, equipment or furniture (including vehicles)? (balance_3a)

# Total value of machines, equipment and furniture when starting the business (balance_3b) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 464
Format: character
Width: 23
Invalid: 0

## Pre question

When you started, did you have any machines, equipment or furniture (including vehicles)? (balance_3a)

## Literal question

If yes, enter the total value. (balance_3b)

# Resale value (today) balance_3b (balance_3d) <br> File: GhanaBaselineSingle_la 

Overview
Type: Discrete
Valid cases: 466
Format: character
Invalid: 0

## Literal question

How much would you pay for the same machines, equipment and furniture (including vehicles) today? (balance_3d)

# Currency of balance_3d (balance_3e) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 469
Format: character Invalid: 0

## Pre question

How much would you pay for the same machines, equipment and furniture (including vehicles) today? (balance_3d)

## Literal question

Currency of answer: (balance_3e)

Resp. had any kiosk/shed/building when starting the business
( $1=$ Yes, $2=$ No) (balance_4a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 886
Format: character
Invalid: 0
Width: 10

## Literal question

When you started, did you have any kiosk/shed/building? (balance_4a)

# Total value of kiosk/shed/building when starting the business (balance_4b) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 317
Format: character
Invalid: 0
Width: 22

## Pre question

When you started, did you have any kiosk/shed/building? (balance_4a)

## Literal question

If yes, enter the total value. (balance_4b)

Currency of total value of kiosk/shed/building when starting the business (balance_4c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 886
Format: character
Invalid: 0

## Width: 15

## Pre question

When you started, did you have any kiosk/shed/building? (balance_4a)

## Literal question

Currency of answer: (balance_4c)

Resale value (today) of kiosk/shed/building when starting the business (balance_4d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 304
Format: character
Invalid: 0
Width: 22

## Literal question

How much would you pay for the same kiosk/shed/building (including vehicles) today? (balance_4d)

Value of money for inventories, raw materials, etc. when starting the business (balance_5a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 841
Format: character
Invalid: 0

## Width: 21

## Literal question

How much money did you start with for inventories, raw materials, etc? (balance_5a)

## Currency of balance_5a (balance_5b) File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 885
Format: character
Invalid: 0
Width: 15

## Literal question

How much money did you start with for inventories, raw materials, etc? (balance_5a)
Currency of answer: (balance_5b)

# Business had any other assets when starting ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_6a) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Invalid: 0
Width: 10

## Literal question

When you started, did you have any assets we have not discussed? (balance_6a)

# Description of other assets (balance_6b) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 79
Format: character
Width: 43
Invalid: 0

## Pre question

When you started, did you have any assets we have not discussed? (balance_6a)

## Literal question

If yes, what is it? (balance_6b)

## Total value of other assets (balance_6c) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 70
Format: character
Invalid: 0

## Pre question

When you started, did you have any assets we have not discussed? (balance_6a)

## Literal question

If yes, enter the total value. (balance_6c)

Currency of total value of other assets (balance_6d)
File: GhanaBaselineSingle_la

# Currency of total value of other assets (balance_6d) 

 File: GhanaBaselineSingle_laOverview

Type: Discrete
Valid cases: 885
Format: character
Invalid: 0
Width: 15

## Pre question

When you started, did you have any assets we have not discussed? (balance_6a)

## Literal question

Currency of answer: (balance_6d)

# Resale value (today) of other assets (balance_6e) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 74
Format: character
Invalid: 0
Width: 19

## Literal question

How much would you pay for the same other assets today? (balance_6e)

# Currency of resale value (today) of other assets (balance_6f) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 74
Format: character
Invalid: 0
Width: 15

## Pre question

How much would you pay for the same other assets today? (balance_6e)

## Literal question

Currency of answer: (balance_6f)

Currency of funds and assets ( $1=$ New Cedis, $2=$ Old Cedis)
(balance_7a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Invalid: 0
Width: 10

## Literal question

Where were these funds and assets coming from?
Currency of answers: (balance_7a)

Origin: Own funds (balance_7b)
File: GhanaBaselineSingle_la

# Origin: Own funds (balance 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 675
Format: character
Width: 23

Invalid: 0

## Literal question

Where were these funds and assets coming from?
Own funds: (balance_7b)

## Origin: Funds from spouse (balance_7c)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 231
Format: character
Invalid: 0
Width: 13

## Literal question

Where were these funds and assets coming from?
Funds from spouse: (balance_7c)

# Origin: Inheritance of gift freom family (balance_7d) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 189
Format: character
Invalid: 0

## Width: 16

## Literal question

Where were these funds and assets coming from? Inheritance or gift from family: (balance_7d)

# Origin: Remittances from abroad (balance_7e) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 116
Format: character
Invalid: 0
Width: 10

## Literal question

Where were these funds and assets coming from?
Remittance from abroad: (balance_7e)

Origin: Loan from family (balance_7f)
File: GhanaBaselineSingle_la

## Overview

# Origin: Loan from family (balance <br> 7f) 

File: GhanaBaselineSingle_la
Type: Discrete Valid cases: 167
Format: character
Invalid: 0
Width: 10

## Literal question

Where were these funds and assets coming from? Loan from family: (balance_7f)

## Origin: Loan from friends (balance_7g)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 146
Format: character
Invalid: 0
Width: 10

## Literal question

Where were these funds and assets coming from?
Loan from friends: (balance_7g)

# Origin: Loan from bank (balance <br> 7h) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 115
Format: character
Invalid: 0
Width: 10

## Literal question

Where were these funds and assets coming from?
Loan from a bank: (balance_7h)

# Origin: Loan from microfinance organisation (balance_7i) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 115
Format: character
Invalid: 0
Width: 22

## Literal question

Where were these funds and assets coming from?
Loan from a microfinance organisation: (balance_7i)

Origin: Other (balance_7j)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 138
Format: character
Invalid: 0
Width: 29

## Literal question

# Origin: Other (balance_7j) <br> File: GhanaBaselineSingle_la 

Where were these funds and assets coming from?
Other: (balance_7j)
(Finance_Scrolled)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 16

Description of other source that contributed (balance_7k)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 34
Format: character
Width: 50
Invalid: 0

## Literal question

Where were these funds and assets coming from?
What was the "other" source that contributed? (balance_7k)

Resp. owns the land or market space used by the business (1=yes, $2=n o$ ) (balance_8a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 10

## Literal question

Do you currently own the land or market space used by the business? (balance_8a)

Year when land or market space was purchased (balance_8b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 169
Format: character
Invalid: 0
Width: 50

## Literal question

In what year did you purchase the land or market space? (balance_8b)

Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaBaselineSingle_la

Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaBaselineSingle_la

## Literal question

How much would you pay to purchase the same land and market space today (GHc)? (balance_8c)

Business has any kiosk/shed/building (1=yes, $2=n o$ ) (balance_9a) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Width: 10

Valid cases: 882
Invalid: 0

## Literal question

Does your business currently have any kiosk/shed/building? (balance_9a)

Ownership of the kiosk/shed/building ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_9b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 469
Format: character
Invalid: 0
Width: 11

## Literal question

Ownership of the kiosk/shed/building: (balance_9b)

# Replacement value of kiosk/shed/building (GHc) (balance_9c) File: GhanaBaselineSingle_la 

## Overview

## Literal question

If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c)

Business has any furniture or display cases ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_10a)
File: GhanaBaselineSingle_la

## Overview

# Business has any furniture or display cases ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance 10a) <br> File: GhanaBaselineSingle_la <br> Literal question <br> Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a) 

Number of different types of furniture or display cases (balance_10b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 491
Format: character
Invalid: 0
Width: 11

## Literal question

How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b)

Ownership of FIRST furniture or display cases ( $1=$ Owned, 2=Rented, 3=Borrowed) (balance_10c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 491
Format: character
Invalid: 0
Width: 11

## Literal question

FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c)

Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaBaselineSingle_la
Overview
Type: Discrete Valid cases: 485
Format: character
Invalid: 0
Width: 11

## Literal question

FIRST FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHc)? (balance_10d)

Ownership of SECOND furniture or display cases ( $1=$ Owned, 2=Rented, 3=Borrowed) (balance_10e)
File: GhanaBaselineSingle_la

## Overview

Ownership of SECOND furniture or display cases ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_10e)
File: GhanaBaselineSingle_la

Type: Discrete
Format: character
Width: 11

Valid cases: 232
Invalid: 0

## Literal question

SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e)

Replacement value of SECOND furniture or display cases (GHc) (balance_10f)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 231
Format: character
Invalid: 0
Width: 11

## Literal question

SECOND FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHc)? (balance_10f)

Ownership of THIRD furniture or display cases ( $1=$ Owned,
$2=$ Rented, $3=$ Borrowed) (balance_10g)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 54
Format: character
Invalid: 0
Width: 11

## Literal question

THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g)
Replacement value of THIRD furniture or display cases (GHc) (balance_10h)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 54
Format: character Width: 11

Invalid: 0

## Literal question

THIRD FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHc)? (balance_10h)

Ownership of FOURTH furniture or display cases ( $1=$ Owned, $2=$ Rented, $3=$ Borrowed) (balance_10i)
File: GhanaBaselineSingle_la

Ownership of FOURTH furniture or display cases ( $1=$ Owned, $2=$ Rented, $3=$ Borrowed) (balance_10i)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 15
Format: character
Invalid: 0
Width: 11

## Literal question

FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i)

Replacement value of FOURTH furniture or display cases (GHc) (balance_10j)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 15
Format: character
Invalid: 0

## Literal question

FOURTH FURNITURE or DISPLAY CASES: If you had to replace it, how much would a similar one cost (GHc)? (balance_10j)

Does business have any machines or equipment? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_11a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Width: 11
Invalid: 0

## Literal question

Does your business currently have any MACHINES or EQUIPMENT? (balance_11a)

Number of different types of machine/equipment (balance_11b) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 366
Format: character
Invalid: 0

## Literal question

How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b)

Ownership of FIRST machine/equipment ( $1=0$ wned, $2=$ Rented, 3=Borrowed) (balance_11c)
File: GhanaBaselineSingle_la

Ownership of FIRST machine/equipment ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_11c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 366
Format: character
Invalid: 0
Width: 11

## Literal question

FIRST MACHINE/EQUIPMENT: Ownership (balance_11c)

Replacement value of FIRST machine/equipment (GHc)
(balance_11d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 364
Format: character
Invalid: 0
Width: 24

## Literal question

FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d)

Ownership of SECOND machine/equipment ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_11e)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 191
Format: character
Width: 11
Invalid: 0

## Literal question

SECOND MACHINE/EQUIPMENT: Ownership (balance_11e)
Interviewer instructions
Skip if only 1 machines and equipment

Replacement value of SECOND machine/equipment (GHc) (balance_11f)
File: GhanaBaselineSingle_la

## Overview

| Type: Discrete | Valid cases: 190 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 32 |  |
| Literal question |  |
| SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f) |  |

Ownership of machine/equipment ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_11g)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Width: 11

Valid cases: 86
Invalid: 0

## Literal question

THIRD MACHINE/EQUIPMENT: Ownership (balance_11g)

## Interviewer instructions

Skip if 2 or less types of machinery and equipment

# Replacement value of THIRD machine/equipment (GHc) (balance_11h) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 86
Format: character Width: 49

Invalid: 0

## Literal question

THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11h)

Ownership of FOURTH machine/equipment ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_11i)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 33
Format: character Invalid: 0 Width: 11

## Literal question

FOURTH MACHINE/EQUIPMENT: Ownership (balance_11i)

## Interviewer instructions

Skip if 3 or less types of machinery and equipment

Replacement value of FOURTH machine/equipment (GHc) (balance_11j)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 33
Format: character
Invalid: 0
Width: 40

## Literal question

FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j)

# Business currently has any other equipment, tools, and utensils (balance_12a) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 11

## Literal question

Does your business currently have any other equipment, tools and utensils (including vehicles)? (balance_12a)

Number of different types of other equipment, tools or utensils (balance_12b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 393
Format: character Width: 11

Invalid: 0

## Literal question

How many different types of OTHER EQUIPMENT, TOOLS OR UTENSILS does your business have? [Allow up to 4] (balance_12b)

Ownership of FIRST other equipment, tools or utensils
(balance_12c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 391
Format: character
Invalid: 0
Width: 11

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c)

Replacement cost of FIRST other equipment, tools or utensils (GHc) (balance_12d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 393
Format: character
Width: 26
Invalid: 0

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d)

# Ownership of SECOND other equipment, tools or utensils (balance_12e) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Format: character
Width: 11

Valid cases: 261
Invalid: 0

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e)

## Interviewer instructions

Skip if only one type of types of other equipment, tools, or utensils

Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 17

Valid cases: 260
Invalid: 0

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f)

## Ownership of THIRD other equipment, tools or utensils (balance_12g) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 136
Format: character
Invalid: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g)
Interviewer instructions
Skip if two or less types of other equipment, tools, or utensils

# Replacement cost of THIRD other equipment, tools or utensils (GHc) (balance_12h) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 136
Format: character
Invalid: 0
Width: 11

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h)

# Ownership of FOURTH other equipment, tools or utensils <br> (balance_12i) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 47
Format: character
Invalid: 0
Width: 11

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i)

## Interviewer instructions

Skip if 3 or less types of other equipment, tools, or utensils

# Replacement cost of FOURTH other equipment, tools or utensils (GHc) (balance_12j) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 47
Format: character
Invalid: 0 Width: 11

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12j)

# Automatic sum of assets, excluding land, buildings and market space (balance_13a) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 884
Format: character
Width: 124

## Literal question

Automatic sum of assets, excluding land, buildings and market space. (balance_13a)

# Verification: accuracy of balance_13a (balance_13b) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0

## Literal question

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

# What has been missed or double-counted? (balance_13c) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 26
Format: character
Invalid: 0
Width: 45

## Pre question

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

## Literal question

What have we missed or double-counted? (balance_13c)

Estimate:total replacement cost of assets(excl. land, buildings or market space) (balance_13d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 28
Invalid: 0

## Literal question

What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d)

Bus. holds products for sale,raw materials, products in production or spare parts (balance_14a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 884
Format: character
Invalid: 0
Width: 58

## Literal question

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)

Total purchase cost of stocks and inventories (GHc) (balance_14b) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 553
Format: character
Invalid: 0
Width: 16

## Pre question

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)

## Literal question

What is the total purchase cost of these goods (GHc)? (balance_14b)

# Value of items on hand to sell (GHc) (balance_14c) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 24
Format: character
Invalid: 0
Width: 50

## Literal question

You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c)

Cash for business (Includes cash held at home, at the bank or with a susu) (balance_14d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 828
Format: character
Invalid: 0
Width: 50

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(balance_14d)

# If respondent spent an extra GHc 150 on business, what would it be spent on? (balance_15a) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 592
Format: character
Invalid: 0
Width: 44

## Literal question

If you spent an extra GHc 150 on your business, what would you spend it on? (balance_15a)

# Category for this additional expenditure (balance_15b) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Invalid: 0
Width: 29

## Literal question

If you spent an extra GHc 150 on your business, what would you spend it on? (balance_15a)
Please choose a category for this. (balance_15b)

Source resp. would buy it from (balance_15c) File: GhanaBaselineSingle_la

## Overview

## Source resp. would buy it from (balance_15c)

## File: GhanaBaselineSingle_la

Type: Discrete
Format: character
Width: 56

Valid cases: 658
Invalid: 0

## Literal question

If you spent an extra GHc 150 on your business, what would you spend it on? (balance_15a)
From where would you buy it? (balance_15c)

# Ownership of bank account ( $1=$ Yes, $2=$ No) (balance_16a1) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 883
Format: character Invalid: 0
Width: 12

## Literal question

Do you have a bank account? (balance_16al)

Is bank account used for the business? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ )
(balance_16a2)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 352
Format: character
Invalid: 0
Width: 12

## Literal question

Do you use that bank account for the business? (balance_16a2)

Respondent purchases inputs on credit from suppliers ( $1=$ Yes, $2=$ No) (balance 16b1)
File: GhanaBaselineSingle_la
Overview

Type: Discrete
Format: character
Width: 12

Valid cases: 884
Invalid: 0

## Literal question

Do you purchase inputs on credit from suppliers? (balance_16b1)

Percentage of inputs purchased on credit (balance_16b2)
File: GhanaBaselineSingle_la

## Overview

# Percentage of inputs purchased on credit (balance_16b2) 

File: GhanaBaselineSingle_la
Literal question
What percentage of your inputs are purchased on credit? (balance_16b2)

Respondent makes sales on credit ( $1=\mathrm{Yes}, 2=$ No) (balance_16c1) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 12

## Literal question

Do you make sales on credit? (balance_16c1)

Higher price charged when selling on credit ( $1=\mathrm{Yes}, 2=\mathrm{No}$ )
(balance_16c2)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: charac
Valid cases: 289
Format: character
Invalid: 0
Width: 12

## Literal question

Do you charge a higher price when selling on credit? (balance_16c2)

Percentage of sales made on credit (balance_16c3)
File: GhanaBaselineSingle_la

## Overview

| Type: Discrete | Valid cases: 290 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 12 |  |
| Literal question |  |
| What percentage of your sales are made on credit? (balance_16c3) |  |

Use of susu collector to deposit money ( $1=\mathrm{Yes}, 2=\mathrm{No}$ )
(balance_16d1)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 882
Format: character
Invalid: 0

## Literal question

Do you use a susu collector to deposit money? (balance_16d1)

Average value deposited with the susu collector each day (GHc) (balance_16d2)
File: GhanaBaselineSingle_la
Overview
Type: Discrete Valid cases: 342
Format: character
Invalid: 0
Width: 12

## Literal question

On average, how much do you deposit with the susu collector each day (GHc)? (balance_16d2)

Membership in a ROSCA (susu group) (1=Yes, $2=$ No)
(balance_16e)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 882
Format: character
Invalid: 0
Width: 11

## Literal question

Do you belong to a ROSCA (susu group)? (balance_16e)

# Ever applied for a loan from a bank ( $1=$ Yes, $2=$ No) (balance_17a) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0

## Literal question

Have you ever applied for a loan from a bank? (balance_17a)

Ever been granted a loan from a bank ( $1=$ Yes, $2=$ No, 2=Application pending) (balance_17b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 67
Format: character
Invalid: 0

## Literal question

Have you ever been granted a loan from a bank? (balance_17b)

Still owes part of a bank loan ( $1=\mathrm{Yes}, 2=\mathrm{No}=$ ) (balance_17c) File: GhanaBaselineSingle_la

## Overview

Still owes part of a bank loan ( $1=\mathrm{Yes}, 2=\mathrm{No}=$ ) (balance_17c)
File: GhanaBaselineSingle_la
$\begin{array}{ll}\text { Type: Discrete } & \text { Valid cases: } 45 \\ \text { Format: character } & \text { Invalid: } 0\end{array}$
Format: character
Width: 11
Invalid: 0

## Literal question

Do you still owe part of a bank loan? (balance_17c)

# FIRST time respondent received a bank loan (year) (balance_17d) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 45
Format: character
Invalid: 0
Width: 11

## Literal question

When was the FIRST time you received a bank loan? (Which year?) (balance_17d)

Ever borrowed money from family or friends for the business
( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_18a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 11

## Literal question

Have you ever borrowed money from family or friends for the business? (balance_18a)

Still owes part of a loan from family or friends ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_18b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 133
Format: character Width: 11

Invalid: 0

## Literal question

Do you still owe part of a loan from family or friends? (balance_18b)

FIRST time respondent borrowed money from family or friends for the business (ye (balance_18c)
File: GhanaBaselineSingle_la

## Overview

FIRST time respondent borrowed money from family or friends for the business (ye (balance_18c)
File: GhanaBaselineSingle_la
Literal question
When was the FIRST time you borrowed money from family or friends for the business? (Which year?) (balance_18c)

Ever applied for a loan from a microfinance organisation ( $1=$ Yes, 2=No) (balance_19a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 884
Format: character Invalid: 0
Width: 11

## Literal question

Have you ever applied for a loan from a microfinance organisation (e.g. Sinapiaba, Pro-Credit)? (balance_19a)

Ever been granted a loan from a microfinance org. ( $1=$ Yes, $2=$ No, 3=Appl. pending) (balance_19b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 56
Format: character
Invalid: 0
Width: 11

## Literal question

Have you ever been granted a loan from a microfinance organisation? (balance_19b)

Still owes part of a microfinance loan ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_19c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 45
Format: character
Invalid: 0
Width: 12

## Literal question

Do you still owe part of a microfinance loan? (balance_19c)

FIRST time respondent received a loan from a microfinance organisation (year) (balance_19d)
File: GhanaBaselineSingle_la

## Overview

# FIRST time respondent received a loan from a microfinance organisation (year) (balance 19d) <br> File: GhanaBaselineSingle_la <br> When was the FIRST time you received a loan from a microfinance organisation? (Which year?) (balance_19d) 

# Ever applied for a loan from a source not yet discussed (1=Yes, $2=$ No) (balance 20a1) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 883
Format: character
Invalid: 0
Width: 12

## Literal question

Have you ever applied for a loan from a source not yet discussed? (balance_20a1)

# Description of other source (or sources) (balance_20a2) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 7
Format: character
Invalid: 0
Width: 34

## Pre question

Have you ever applied for a loan from a source not yet discussed? (balance_20a1)

## Literal question

What other source (or sources)? (balance_20a2)

Ever been granted a loan from this other source ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_20b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 11

Valid cases: 8
Invalid: 0

## Literal question

Have you ever been granted a loan from this other source? (balance_20b)

Still owes part of that loan ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_20c)
File: GhanaBaselineSingle_la

## Overview

Valid cases: 5
Invalid: 0

Still owes part of that loan (1=Yes, 2=No) (balance_20c)
File: GhanaBaselineSingle_la
Have you ever been granted a loan from this other source? (balance_20b)

## Literal question

Do you still owe part of that loan? (balance_20c)

# FIRST time respondent received a loan from this other source (year) (balance_20d) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 5

Format: character
Invalid: 0
Width: 11

## Literal question

When was the FIRST time you received a loan from this other source? (Which year?) (balance_20d)
(stopwatch_discounting1)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 22

Value of money today that is equivalent to receiving GHc 100 in a month (discount_1a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 882
Format: character
Invalid: 0
Width: 11

## Pre question

Imagine that an agency owes you GHc 100 and will pay you one month from now.

## Literal question

How much money today would make you as happy as receiving GHc 100 in a month? (discount_1a)

10 less than 'discount_1a' (discount_1b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 881
Format: character
Invalid: 0
Width: 11
Pre question

# 10 less than 'discount_1a' (discount_1b) 

File: GhanaBaselineSingle_la
Imagine that an agency owes you GHc 100 and will pay you one month from now.
How much money today would make you as happy as receiving GHc 100 in a month? (discount_1a)

## Literal question

Calculate 10 less than $\{$ Q4.1a\} (discount_1b)

# Respondent would accept GHc 'discount_1b' (1=Yes, $2=\mathrm{No}$ ) (discount 1c) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 872
Format: character
Invalid: 0
Width: 19

## Pre question

Imagine that an agency owes you GHc 100 and will pay you one month from now.
How much money today would make you as happy as receiving GHc 100 in a month? (discount_1a)

## Literal question

Would you accept GHc \{Q4.1b\} instead? (discount_1c)

## 5 more than 'discount 1b' (discount 1d) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 726
Format: character
Invalid: 0
Width: 11

## Pre question

Imagine that an agency owes you GHc 100 and will pay you one month from now.
How much money today would make you as happy as receiving GHc 100 in a month? (discount_1a)

## Literal question

Calculate 5 more than \{Q4.1b\} (discount_1d)

## Respondent would accept GHC 'discount_1d' (1=Yes, 2=No) (discount_1e)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 11

## Pre question

Imagine that an agency owes you GHc 100 and will pay you one month from now.
How much money today would make you as happy as receiving GHc 100 in a month? (discount_1a)

## Literal question

Invalid: 0

# Respondent would accept GHC 'discount 1d' (1=Yes, 2=No) (discount 1e) 

File: GhanaBaselineSingle_la
Would you accept GHc \{Q4.1d\} instead? (discount_1e)

# Resp. SURE that he/she would not be happier with GHc 100 today than in a month (discount_1f) <br> File: GhanaBaselineSingle_la <br> <br> Overview <br> <br> Overview <br> Type: Discrete <br> Valid cases: 97 <br> Format: character Invalid: 0 

 Width: 26
## Pre question

Imagine that an agency owes you GHc 100 and will pay you one month from now.
How much money today would make you as happy as receiving GHc 100 in a month? (discount_1a)

## Literal question

Are you SURE that you would not be happier with GHc 100 TODAY than in a month? (discount_1f)

# Again: Value of money today that is equivalent to receiving GHc 100 in a month (discount_1g) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 4
Format: character
Invalid: 0

## Pre question

Imagine that an agency owes you GHc 100 and will pay you one month from now.
Literal question
Please answer again. How much money today would make you as happy as receiving GHc 100 in a month? (discount_1g)
(stopwatch_income)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 16

## Respondent keeps accounts for the business (income_1)

File: GhanaBaselineSingle_la

## Overview

# Respondent keeps accounts for the business (income_1) 

File: GhanaBaselineSingle_la
Literal question
Do you keep accounts for the business? If so, what kind? (income_1)

# Total monthly sales of the business (Including sales of services) GHc- Sept. 2008 (income_2a) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 875
Format: character Invalid: 0
Width: 45

## Literal question

What were the total monthly sales of your business? Include sales of services.
For September 2008 (GHc): (income_2a)

Total monthly sales of the business (Including sales of services)
GHc- Aug. 2008 (income_2b)
File: GhanaBaselineSingle_la

## Overview

| Type: Discrete | Valid cases: 858 |
| :--- | :--- |
| Format: character | Invalid: 0 |

## Literal question

What were the total monthly sales of your business? Include sales of services.
For August 2008 (GHc:) (income_2b)

Total monthly sales of the business (Including sales of services)
GHc- July 2008 (income_2c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 822
Format: character
Width: 17
Invalid: 0

## Literal question

What were the total monthly sales of your business? Include sales of services.
For July 2008 (GHc): (income_2c)

Purchase of raw materials and items for resale (income_3a) File: GhanaBaselineSingle_la

## Overview

# Purchase of raw materials and items for resale (income_3a) File: GhanaBaselineSingle_la <br> Literal question <br> Purchase of raw materials and items for resale: (income_3a) 

# Purchase of electricity, water, gas and fuel (income_3b) <br> File: GhanaBaselineSingle_la 

## Overview

## Literal question

Purchase of electricity, water, gas and fuel: (income_3b)

Payments to employees and apprentices (income_3c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 555
Format: character
Invalid: 0
Width: 31

## Literal question

Payments to employees and apprentices: (income_3c)

Expenditure on telephone and cellphone airtime (income_3d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 656
Format: character
Invalid: 0
Width: 10

## Literal question

Expenditure on telephone and cellphone airtime: (income_3d)

Maintenance, repair, and transportation (income_3e)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 766
Format: character
Invalid: 0
Width: 12

## Literal question

Maintenance, repair, and transportation: (income_3e)

Rent of machinery and equipment (income_3f)
File: GhanaBaselineSingle_la

# Rent of machinery and equipment (income_3f) <br> File: GhanaBaselineSingle_la 

Overview

| Type: Discrete | Valid cases: 483 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 9 |  |

## Literal question

Rent of machinery and equipment: (income_3f)

Interest paid on loans (in GHc, not percentage terms) (income_3g)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 483
Format: character
Invalid: 0
Width: 31

## Literal question

Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g)

Gifts, tips and bribes given to government officials (income_3h) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 466
Format: character
Width: 9
Invalid: 0

## Literal question

Gifts, tips and bribes given to government officials: (income_3h)

# Automatic sum of total monthly expenses (income_3i) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Format: character Width: 47

Valid cases: 882
Invalid: 0

## Literal question

Automatically sum the total monthly expenses (income_3i)

Verification: sum of expenses just listed for last month accurate ( $1=$ Yes, $2=\mathrm{No}$ ) (income_3j)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 882
Format: character
Width: 9
Literal question

Invalid: 0

# Verification: sum of expenses just listed for last month accurate (1=Yes, $2=$ No) (income_3j) <br> File: GhanaBaselineSingle_la <br> The sum of the expenses you just listed for the last month was \{Q12.3i\} GHc. Does this seem accurate? (income_3j) 

# Estimate of total of expenses for the last month (income_3k) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 27
Format: character Invalid: 0 Width: 9

## Literal question

What do you estimate to be the total of these expenses for the last month? (income_3k)

# Rent for land and buildings used in the business (income_3l) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete Valid cases: 626
Format: character

$$
\text { Invalid: } 0
$$

## Width: 49

## Literal question

Rent for land and buildings used in the business: (income_3I)

Market fees (income_3m)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 603
Format: character
Width: 16

## Literal question

Market fees: (income_3m)

Tax on business income (income_3n)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character
Invalid: 0

Width: 20

## Literal question

Tax on business income: (income_3n)

# Automatic sum of total annual expenses (income_3o) File: GhanaBaselineSingle_la 

Overview

Type: Discrete Valid cases: 882
Format: character
Invalid: 0
Width: 99

## Literal question

Automatically sum the total annual expenses (income_3o)

Verification: sum of expenses just listed last 12 months accurate (1=Yes, 2=No) (income_3p)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 880
Format: character
Invalid: 0
Width: 9

## Literal question

The sum of the expenses you just listed for the last twelve months was $\mathrm{GHc}\{\mathrm{Q} 12.30\}$. Does this seem accurate? (income_3p)

Estimate of total of expenses for the last twelve months (income_3q)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 29
Format: character
Width: 9

Invalid: 0

## Literal question

What do you estimate to be the total of these expenses for the last twelve months? (income_3q)

Question on profits answered? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (income_4a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 882
Format: character
Invalid: 0
Width: 40

## Literal question

After paying all expenses, what was the income of the business (the profits) during September 2008 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a)

> Profit (income_4b)
> File: GhanaBaselineSingle_la

## Overview

# Profit (income 4b) <br> File: GhanaBaselineSingle_la 

Type: Discrete
Format: character
Width: 25

Valid cases: 742
Invalid: 0

## Literal question

After paying all expenses, what was the income of the business (the profits) during September 2008 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Profit: (income 4b)

# Profit range [Categories provided] (income_4c) File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 127
Format: character
Width: 32

Invalid: 0

## Literal question

After paying all expenses, what was the income of the business (the profits) during September 2008 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Was the amount: (income_4c)

# Proportion of profits that is typically invested into the business (income 4d) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 882
Format: character
Invalid: 0
Width: 9

## Pre question

After paying all expenses, what was the income of the business (the profits) during September 2008 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.

## Literal question

What proportion of this amount do you typically invest in your business (\%)? (income_4d)

# 'income 4 d ' included value of goods or serv. that resp. and household consumed (income_4e) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 881
Format: character
Invalid: 0
Width: 9

## Pre question

What proportion of this amount do you typically invest in your business (\%)?

## Literal question

In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business?

Value of goods and services that resp. and household consumed Sept. 2008 (income_4f)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 493
Format: character
Invalid: 0
Width: 92

## Literal question

What was the value of the goods and services that you and your household consumed from the business in September 2008? (income_4f)

## Sales value (income 5a) <br> File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 0

Format: character Invalid: 0
Width: 9

## Literal question

Look up the sales value. (income_5a; however, this is missing)

# Profit value (income 5b) <br> File: GhanaBaseline-Single la 

## Overview

Type: Discrete

Valid cases: 0
Invalid: 0

Format: character
Width: 9

## Literal question

Look up the profit value. (income_5b; however, this is missing)
ERROR: You told me that profits were GHc \{Q12.5b\}, but that sales were only GHc \{Q12.5a\}. (if sales > profit)

# Correct value for sales in September 2008 (income_5c) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 131
Format: character
Invalid: 0
Width: 42

## Literal question

What is the correct value for sales in September 2008? (income_5c)

Correct value for profits in September 2008 (income_5d)
File: GhanaBaselineSingle_la

## Overview

# Correct value for profits in September 2008 (income_5d) 

File: GhanaBaselineSingle_la
Literal question
What is the correct value for profits in September 2008? (income_5d)

Sales value (income_6a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 0
Format: character
Width: 1

## Literal question

Look up the sales value. (income_6a; however, this is missing)

Monthly expenses (income_6b)
File: GhanaBaselineSingle_la
Overview
Type: Discrete Valid cases: 0
Format: character Invalid: 0
Width: 9

## Literal question

Look up the monthly expenses value. (income_6b; however, this is missing)

Correct value for sales in September 2008 (income_6c)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 40
Format: character
Invalid: 0
Width: 47

## Literal question

What is the correct value for sales in September 2008? (income_6c)

Correct value for profits in September 2008 (income_6d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 28
Format: character
Invalid: 0
Width: 9

## Literal question

What is the correct value for profits in September 2008? (income_6d)

Name of most important product or service (income_7a)
File: GhanaBaselineSingle_la

Name of most important product or service (income_7a)
File: GhanaBaselineSingle_la
Overview
Type: Discrete Valid cases: 874
Format: character
Invalid: 0
Width: 46

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a)

Sale price per unit (GHc) of most important product or service (income 7b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 857
Format: character
Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_7b)

# Cost of raw materials for one unit (GHc) of most important product or service (income_7c) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 835
Format: character Width: 41

Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c)

Verification: Correct that product is sold for less than bought (income_7d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 115
Format: character
Invalid: 0

## Literal question

You have told me that you sell this product for less than you buy it. Is this correct? (income_7d)

Verification: Correct that product is sold for same price as bought (income_7e)
File: GhanaBaselineSingle_la

# Verification: Correct that product is sold for same price as bought (income 7e) 

File: GhanaBaselineSingle_la
Overview

Type: Discrete
Format: character Width: 20

Valid cases: 62
Invalid: 0

## Literal question

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e)

Verification: Correct that materials for this product cost nothing (income 7f)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 111
Format: character
Invalid: 0

## Literal question

You have told me that the materials for this product cost nothing. Is this correct? (income_7f)

# Units sold in the last month of most important product or service (income_7g) 

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 833
Format: character Width: 39

Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g)

Share of most important product or service in total sales (\%) (income_7h)
File: GhanaBaselineSingle_la

## Overview

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h)

Name of second most important product or service (income_8a)
File: GhanaBaselineSingle_la

Name of second most important product or service (income_8a) File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 668
Format: character
Invalid: 0
Width: 42

## Literal question

SECOND MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_8a)

Sale price per unit (GHc) of second most important product or service (income_8b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 656
Format: character
Invalid: 0
Width: 29

## Literal question

SECOND MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_8b)

# Cost of raw materials for 1 unit of second most important product or service (income_8c) <br> File: GhanaBaselineSingle_la 

## Overview

Type: Discrete
Valid cases: 651
Format: character
Invalid: 0

## Literal question

SECOND MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_8c)

Verification: Correct that product is sold for less than bought (income_8d)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 55
Format: character Width: 20

## Literal question

You have told me that you sell this product for less than you buy it. Is this correct? (income_8d)

Verification: Correct that product is sold for the same price as bought (income_8e)
File: GhanaBaselineSingle_la

# Verification: Correct that product is sold for the same price as bought (income_8e) <br> File: GhanaBaselineSingle_la 

Overview
Type: Discrete Valid cases: 346
Format: character
Width: 20
Invalid: 0

## Literal question

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_8e)

Verification: Correct that the materials for this product cost nothing (income_8f)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 362
Format: character
Invalid: 0

## Literal question

You have told me that the materials for this product cost nothing. Is this correct? (income_8f)

Units sold in the last month of second most important product or service (income_8g)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 659
Format: character Width: 26

Invalid: 0

## Literal question

SECOND MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_8g)

Share of second most important product or service in total sales (\%) (income_8h)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 657
Format: character Width: 9

Invalid: 0

## Literal question

SECOND MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_8h)

Pricing of MOST IMPORTANT product or service (income_7i) File: GhanaBaselineSingle_la

# Pricing of MOST IMPORTANT product or service (income_7i) File: GhanaBaselineSingle_la 

Overview

Type: Discrete
Valid cases: 879
Format: character
Invalid: 0
Width: 76

## Literal question

Which one of the following best describes the way you price your MOST IMPORTANT product or service? (income_7i)

Supposed additional revenue from spending an additional GHc 10 on inputs (income_9)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 867
Format: character
Invalid: 0
Width: 49

## Literal question

Suppose you spent an additional GHc 10 on inputs. How much additional revenue would you get (GHc)? (income_9)

Any free goods or serv. given to non-members of resp.'s household - Sept. 2008 (income_10a)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 879
Format: character
Invalid: 0

## Literal question

In September 2008, did you give any free goods or services to non-members of your household? (income_10a)

Approximate sale value of the goods and services given for free (GHc) (income_10b)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 268
Format: character
Invalid: 0

## Literal question

What is the approximate sale value of the goods and services given for free (GHc)? (income_10b)

Business lost goods or equipment due to theft in the last 3 months (income_11)
File: GhanaBaselineSingle_la

# Business lost goods or equipment due to theft in the last 3 months (income_11) 

File: GhanaBaselineSingle_la

## Overview

| Type: Discrete | Valid cases: 876 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 9 |  |

## Literal question

In the last 3 months, has your business lost goods or equipment due to theft? (income_11)

## Money taken home from other businesses in September (income_12)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Valid cases: 35
Format: character
Invalid: 0
Width: 29

## Literal question

You told me earlier that you have other businesses. How much money did you take home from these other businesses in September? Include the money you saved or gave to family and friends. (income_12)

Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (income_13a)
File: GhanaBaselineSingle_la

## Overview

Type: Discrete Valid cases: 878

Format: character

## Literal question

Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a)

## Total income made from renting land or rooms in September 2008 (income_13b)

File: GhanaBaselineSingle_la

## Overview

Type: Discrete
Format: character Width: 16

Valid cases: 22
Invalid: 0

## Literal question

In September 2008, what was your total income you made from renting land or rooms? (income_13b)

Wages or salary received in September 2008 (income_14)
File: GhanaBaselineSingle_la

## Overview

# Wages or salary received in September 2008 (income 14) 

## File: GhanaBaselineSingle_la

```
Type: Discrete Valid cases: 538
Format: character
Invalid: 0

\section*{Literal question}

In September 2008, were you paid any wages or salary? If yes, how much? (income_14)

\title{
Inherited anything in the past three years ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (inheritance 1) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 879
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

Have you inherited anything in the past three years? (inheritance_1)

\title{
Total value of LAND AND BUILDINGS inherited (GHc) (inheritance 2a)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 11
Format: character
Invalid: 0
```

Literal question
What was the total value of LAND AND BUILDINGS that you inherited (GHc)? (inheritance_2a)

```

\title{
Value of the land and buildings inherited that is used for the business (GHc) (inheritance_2b) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

\author{
Type: Discrete
}

Valid cases: 6
Format: character
Invalid: 0
Width: 14

\section*{Pre question}

What was the total value of LAND AND BUILDINGS that you inherited (GHc)? (inheritance_2a)
Literal question
Of this, what is the value of the land and buildings that you used for the business (GHc)? (inheritance_2b)

Total amount of MONEY inherited (GHc) (inheritance_3a)
File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Total amount of MONEY inherited (GHc) (inheritance_3a) \\ File: GhanaBaselineSingle_la
}
```

Type: Discrete
Valid cases: 7
Format: character
Invalid: 0
Width: 19

```

\section*{Literal question}

What was the total amount of MONEY that you inherited (GHc)? (inheritance_3a)

Value of money inherited that is used for the business (GHc) (inheritance_3b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 5
Format: character
Width: 14
Invalid: 0

\section*{Pre question}

What was the total amount of MONEY that you inherited (GHc)?

\section*{Literal question}

Of this, how much did you use for the business? (inheritance_3b)

\title{
Total value of everything ELSE inherited (GHc) (inheritance_4a) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 11
Format: character
Invalid: 0 Width: 14

\section*{Literal question}

What was the total value of everything ELSE that you inherited (GHc)? (inheritance_4a)

Value of the other things inherited that is used for the business (inheritance_4b)
File: GhanaBaselineSingle_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 6 \\
Format: character & Invalid: 0 \\
Width: 14 &
\end{tabular}

\section*{Width: 14}

\section*{Pre question}

What was the total value of everything ELSE that you inherited (GHC)? (inheritance_4a)

\section*{Literal question}

Of this, what was the value of the things that you used for the business? (inheritance_4b)

If respondent inherited GHc 150 within next month, amount spend on business (inheritance_5)
File: GhanaBaselineSingle_la

If respondent inherited GHc 150 within next month, amount spend on business (inheritance_5)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 869
Format: character
Invalid: 0
Width: 32

\section*{Literal question}

If you inherit GHc 150 within the next month, how much of it would you spend on your business? (inheritance_5)
(stopwatch_informality)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 881
Format: character
Width: 21
Invalid: 0

Business has tax identification number ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (informality_1a)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
```

Valid cases: 881

```

Format: character
Width: 14
Invalid: 0

\section*{Literal question}

Does your business have a tax identification number? (informality_1a)

Respondent has a voter registration card ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (informality_1b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

Do you have a voter registration card? (informality_1b)

Respondent has a valid driver's license ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) )
(informality_1c)
File: GhanaBaselineSingle_la

\section*{Overview}

Respondent has a valid driver's license ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (informality_1c)
File: GhanaBaselineSingle_la
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 879 \\
Format: character & Invalid: 0
\end{tabular}

Width: 14

Valid cases: 879
Invalid: 0

\section*{Literal question}

Do you have a valid driver's license? (informality_1c)

Respondent has a valid passport (1=Yes, \(2=\mathrm{No}\) ) (informality_1d) File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 879
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

Do you have a valid passport? (informality_1d)

\title{
Passport is Ghanaian (1=Yes, 2=No) (informality_1e) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Format: character Width: 14

Valid cases: 138
Invalid: 0

\section*{Literal question}

Is it a Ghanaian passport? (informality_1e)

\title{
Business registered for VAT (1=Yes, \(2=\) No) (informality_2) File: GhanaBaselineSingle_la
}

\section*{Overview}

\section*{Overview}

\title{
Business registered with the DISTRICT ASSEMBLY (1=Yes, \(2=\mathrm{No}\) ) (informality_3a) \\ File: GhanaBaselineSingle_la \\ Is your business registered with the DISTRICT ASSEMBLY? (informality_3a)
}

\section*{Person who registered business with the DISTRICT ASSEMBLY (informality_3b)}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 143
Format: character Invalid: 0 Width: 20

\section*{Literal question}

Did you register with the DISTRICT ASSEMBLY yourself, or use a middleman? (informality_3b)

Asked to pay a bribe in order to register ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (informality_3c)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete Valid cases: 143
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

Were you asked to pay a bribe in order to register? (informality_3c)

\title{
Business registered with the REGISTRAR GENERAL (1=Yes, \(2=\) No) (informality_4a)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

Is your business registered with the REGISTRAR GENERAL? (informality_4a)

\title{
Person who registered business with the REGISTRAR GENERAL (informality_4b)
}

File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Person who registered business with the REGISTRAR GENERAL (informality 4b)
}

File: GhanaBaselineSingle_la
Literal question
Did you register with the REGISTRAR GENERAL yourself, or use a middleman? (informality_4b)

Asked to pay a bribe in order to register ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (informality 4c)
File: GhanaBaselineSingle_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 38 \\
Format: character & Invalid: 0 \\
Width: 14 &
\end{tabular}

\section*{Width: 14}

\section*{Pre question}

Did you register with the REGISTRAR GENERAL yourself, or use a middleman? (informality_4b)

\section*{Literal question}

Were you asked to pay a bribe in order to register? (informality_4c)

\title{
Business is a member of a BUSINESS ASSOCIATION (1=Yes, 2=No) (informality_5)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0 Width: 43

\section*{Literal question}

Is your business a member of a BUSINESS ASSOCIATION? (informality_5)

\title{
Business registered with any OTHER AGENCY (1=Yes, \(2=\) No) (informality_6a)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character
Width: 14
```

Valid cases: 878
Invalid: 0

```

\section*{Literal question}

Is your business registered with any OTHER AGENCY? (informality_6a)

> Name of other agency (informality_6b)
> File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Name of other agency (informality_6b)
}

File: GhanaBaselineSingle_la
```

Type: Discrete Valid cases: 9
Format: character
Invalid: 0
Width: }3

```

\section*{Pre question}

Is your business registered with any OTHER AGENCY? (informality_6a)
```

Literal question
What is the name of this other agency? (informality_6b)

```

\title{
Person who registered with this agency (informality_6c) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: character Width: 20

Literal question
Did you register with this agency yourself, or use a middleman? (informality_6c)

Asked to pay a bribe in order to register ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (informality 6d)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: character Width: 14

\section*{Literal question}

Were you asked to pay a bribe in order to register? (informality_6d)

Had to pay fees for operating without off. registration or license last year (informality_7a)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 714
Format: character
Width: 14

\section*{Literal question}

In the last year, did you have to pay any fees or penalties for operating without official registration or license? (informality_7a)

Amount paid in fees or penalties (informality_7b)
File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Amount paid in fees or penalties (informality_7b) File: GhanaBaselineSingle_la
}

Type: Discrete
Format: character
Width: 14

Valid cases: 3
Invalid: 0

\section*{Pre question}

In the last year, did you have to pay any fees or penalties for operating without official registration or license? (informality_7a)

\section*{Literal question}

Amount paid in fees or penalties: (informality_7b)

\title{
Asked to pay bribe to avoid punishment - last year (informality_8a) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 713
Format: character
Invalid: 0

\section*{Width: 14}

\section*{Literal question}

In the last year, were you asked to pay a bribe to avoid punishment for operating without registration or license? (informality_8a)

\section*{Amount paid in bribes (informality_8b)}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 4
Format: character

\section*{Width: 14}

Pre question
In the last year, were you asked to pay a bribe to avoid punishment for operating without registration or license? (informality_8a)

\section*{Literal question}

Amount paid in bribes: (informality_8b)

Visited by the IRS or VAT service in the last year ( \(1=\) Yes, \(2=\) No ) (informality_9)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0

Invalid: 0

Width: 14

\section*{Literal question}

In the last year, have you been visited by the IRS or VAT service? (informality_9)

Predictability of taxes assessed on the business (informality_10) File: GhanaBaselineSingle_la

\title{
Predictability of taxes assessed on the business (informality_10) File: GhanaBaselineSingle_la
}

\author{
Overview
}

Type: Discrete
Valid cases: 98
Format: character
Width: 127

\section*{Literal question}

How predictable are the taxes assessed on your business? (informality_10)
(stopwatch_competitive)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 881
Format: character
Invalid: 0
Width: 21

\title{
Share of sales of this business that comes from customers in the neighbourhood (competition_1a) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers in the neighbourhood (within five minutes' walk): (competition_1a)

\title{
Share of sales of this business that comes from customers elsewhere in district (competition_1b) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers elsewhere in \{District\}: (competition_1b)

Share of sales of this business that comes from customers elsewhere (competition_1c)
File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Share of sales of this business that comes from customers elsewhere (competition_1c)
}

File: GhanaBaselineSingle_la
Type: Discrete
Valid cases: 617
Format: character
Invalid: 0
Width: 18

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers elsewhere (outside those areas): (competition_1c)

\title{
Share of sales of this business that comes from customers of unknown origin (competition_1d) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 563
Format: character
Invalid: 0
Width: 18

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers of unknown origin: (competition_1d)
(Competition_Scrolled)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 881
Format: character
Invalid: 0
Width: 20

Customers in the neighbourhood (within five minutes' walk) (\%) (competition_2a)
File: GhanaBaselineSingle_la

\section*{Overview}

Valid cases: 855
Format: character
Invalid: 0

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers in the neighbourhood (within five minutes' walk) (\%): (competition_2a)

Customers elsewhere in district (\%) (competition_2b)
File: GhanaBaselineSingle_la

\section*{Overview}

\section*{Customers elsewhere in district (\%) (competition_2b)}

\section*{File: GhanaBaselineSingle_la}

Type: Discrete Valid cases: 774
Format: character
Invalid: 0
Width: 22

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers elsewhere in \{District\} (\%): (competition_2b)

\title{
Customers elsewhere (outside those areas) (\%) (competition_2c) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers elsewhere (outside those areas) (\%): (competition_2c)

\title{
Customers of unknown origin (\%) (competition_2d) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

What share of the sales of this business comes from the following:
Customers of unknown origin (\%):(competition_2d)
(Competition_Scrolled_1)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 881
Format: character
Invalid: 0

Number of similar businesses operating in respondent's
neighborhood (competition_3)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 850
Format: character
Width: 22
Invalid: 0

\section*{Literal question}

How many businesses like yours operate in your neighborhood (within five minutes' walk)? (competition_3)

\title{
Location of most important competitor (competition \(\_\)) \\ File: GhanaBaselineSingle_la
}

Overview
Type: Discrete
Valid cases: 862
Format: character
Invalid: 0
Width: 61

\section*{Literal question}

Where is your most important competitor located? (competition 4)

\title{
Proportion of sales that are custom-made (\%) (competition_5) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 741
Format: character
Invalid: 0
Width: 16

\section*{Literal question}

What proportion of your sales are custom-made to meet the specifications of specific customers (\%)?(competition_5)

\title{
Time it would take the customers to find alternative supplier if bus. shut down (competition_6) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 875
Format: character
Invalid: 0

\section*{Literal question}

If you shut down your business, how long will it take your customers to find an alternative supplier? (competition_6)
(stopwatch_attitudes)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 880
Format: character
Invalid: 0

What must respondent achieve to consider his/her business successful (attitudes_1)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 881
Format: character
Width: 59
Invalid: 0

\section*{Literal question}

What must you achieve to consider your business successful? (attitudes_1)

\title{
Rung on ladder that best represents where resp. stands at present time (attitudes_2a)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 872
Format: character
Invalid: 0

\section*{Width: 17}

\section*{Literal question}

Which rung on the ladder best represents where you personally stand at the present time? (attitudes_2a)

\title{
Rung that best represents where resp. will in five years (attitudes_2b)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 873
Format: character
Invalid: 0

\section*{Literal question}

Which rung best represents where you personally will be on the ladder five years from now? (attitudes_2b)

Resp. expects to be doing to earn a living in five years (attitudes_2c)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0

\author{
Literal question \\ What do you expect you will be doing to earn a living in five years' time? (attitudes_2c)
}

\title{
Number of paid employees respondent expects to have five years from now (attitudes_2d) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Format: character Width: 13

\section*{Literal question}

Imagine you are still running a business five years from now. How many paid employees do you expect to have at that time? (attitudes_2d)

\title{
Risk taking ( \(1=\) Unwilling to take risk to \(10=\) Fully prepared to take risk) (attitudes_3)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 879
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Do you take risks or do you try to avoid them? (attitudes_3)

Resp. would trust his/her spouse to deliver GHc 100 of resp.'s own money (attitudes_4a1)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 566
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Would you trust your spouse to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4a1)

Resp. would trust his/her spouse to open and close the enterprise (attitudes_4a2)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 564
Format: character
Invalid: 0

\section*{Literal question}

Would you trust your spouse to open and close the enterprise on a day that you have to travel? (attitudes_4a2)

\title{
Resp. has brother,sister or parent whom resp. would trust to deliver GHc 100 (attitudes_4b1) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0

\section*{Literal question}

Do you have a brother, sister or parent whom you would trust to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4b1)

\title{
Resp. has brother,sister or parent whom resp. would trust to open/close enterpr. (attitudes_4b2) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Format: character
Width: 13

Valid cases: 876
Invalid: 0

\section*{Literal question}

Do you have a brother, sister or parent whom you would trust to open and close the enterprise on a day that you have to travel? (attitudes_4b2)

Resp. would trust a member of his/her extended family to deliver GHc 100 (attitudes 4c1)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Would you trust a member of your extended family to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4c1)

Resp. would trust a member of his/her extended family to open/close enterprise (attitudes_4c2)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 876
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Would you trust a member of your extended family to open and close the enterprise on a day that you have to travel? (attitudes_4c2)

Resp. would trust a friend to deliver GHc 100 of his/her own money (attitudes_4d1)
File: GhanaBaselineSingle_la

\section*{Overview}
```

Type: Discrete
Valid cases: 878
Format: character
Width: 13
Invalid: 0

```

\section*{Literal question}
```

Would you trust a friend to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4d1)

```

Resp. would trust a friend to open and close the enterprise (attitudes_4d2)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Would you trust a friend to open and close the enterprise on a day that you have to travel? (attitudes_4d2)

Resp. would trust an employee, work associate or apprentice to deliver GHc 100 (attitudes_4e1)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Would you trust an employee, work associate or apprentice to deliver GHc 100 of your own money to a relative in a nearby town? (attitudes_4e1)

Resp. would trust employee, work associate or apprentice to open/close enterpr. (attitudes_4e2)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

Would you trust an employee, work associate or apprentice to open and close the enterprise on a day that you have to travel? (attitudes_4e2)

Resp.'s spouse has compelled resp. to give him/her money - last 3 months (attitudes_5a)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 569
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

In the last three months, my spouse has compelled me to give him or her money when I did not want to. (attitudes_5a)

Resp. can spend his/her income without consulting his/her spouse (attitudes_5b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 569
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I can spend my income without consulting my spouse. (attitudes_5b)

Resp. would feel comfortable taking the money from his/her spouse's wallet/purse (attitudes_5c)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 567
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

If I needed money and my spouse was not at home, I would feel comfortable taking the money from my spouse's wallet/purse. (attitudes_5c)

Spouse is supportive of respondent's running a business (attitudes_5d)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 567
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

My spouse is supportive of my running a business. (attitudes_5d)

If resp. urgently needs money for the business, his/her spouse will assist (attitudes_5e)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 568
Format: character
Width: 26
Invalid: 0

\section*{Literal question}

If I urgently need money for my business, my spouse will assist me in any way that he/she can. (attitudes_5e)

Resp. plans tasks carfully (attitudes_5f)
File: GhanaBaselineSingle_la

Resp. plans tasks carfully (attitudes_5f)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 874
Format: character
Width: 26
Invalid: 0

\section*{Literal question}

I plan tasks carefully. (attitudes_5f)

Resp. makes up his/her mind quickly (attitudes_5g)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 875
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I make up my mind quickly. (attitudes_5g)

Resp. saves regularly (attitudes_5h)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 876
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I save regularly. (attitudes_5h)

\title{
Resp. usually expects the best in uncertain times (attitudes 5i) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 876
Format: character
Invalid: 0

\section*{Literal question}

In uncertain times I usually expect the best. (attitudes_5i)

Resp. can think of many times that he/she persisted with work when others quit (attitudes_5j)
File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Resp. can think of many times that he/she persisted with work when others quit (attitudes 5 j ) \\ File: GhanaBaselineSingle_la \\ I can think of many times when I persisted with work when others quit. (attitudes_5j)
}

\title{
Resp. continues to work on hard projects even when others
} oppose him/her (attitudes_5k)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character Invalid: 0 Width: 26

\section*{Literal question}

I continue to work on hard projects even when others oppose me. (attitudes_5k)

\title{
Resp. likes to juggle several activities at the same time (attitudes_5l)
}

File: GhanaBaselineSingle_la

\section*{Overview}
Type: Discrete Valid cases: 876

Format: character Invalid: 0
Width: 26

\section*{Literal question}

I like to juggle several activities at the same time. (attitudes_5I)

Resp. would rather complete an entire project every day than parts of several (attitudes 5m)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I would rather complete an entire project every day than complete parts of several projects. (attitudes_5m)

If something can go wrong for resp., it will (attitudes_5n)
File: GhanaBaselineSingle_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 873 \\
Format: character & Invalid: 0 \\
Width: 26 & \\
Literal question & \\
If something can go wrong for me, it will. (attitudes_5n) &
\end{tabular}

Resp. believes it is best to complete one task before beginning another (attitudes_5o)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
```

Valid cases: 877

```

Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I believe it is best to complete one task before beginning another. (attitudes_5o)

Resp. only tries things that he/she is sure of (attitudes_5p)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I only try things that I am sure of. (attitudes_5p)

Generally speaking most people in this community are honest and can be trusted (attitudes_5q)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 876
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

Generally speaking, most people in this community are honest and can be trusted. (attitudes_5q)

Resp. is always optimistic about his/her future (attitudes_5r) File: GhanaBaselineSingle_la

\section*{Overview}

\section*{Literal question}

I'm always optimistic about my future. (attitudes_5r)

A person can get rich by taking risks (attitudes_5s) File: GhanaBaselineSingle_la

\section*{Overview}

\title{
A person can get rich by taking risks (attitudes \\ 5s)
}

File: GhanaBaselineSingle_la
Literal question
A person can get rich by taking risks. (attitudes_5s)

\title{
Last digit recall that respondent got correct (tests_1) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 875
Format: character
Invalid: 0
Width: 41

\section*{Literal question}

What was the last digit recall that the respondent got correct? (tests_1)

Important for resp. to do thins as well as resp. can even if it is unpopular (attitudes_6a)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete Valid cases: 876
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

It is important for me to do whatever I'm doing as well as I can even if it isn't popular with people around me. (attitudes_6a)

Resp. would make a good leader of people if given the chance (attitudes_6b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete Valid cases: 875
Format: character
Width: 26

\section*{Literal question}

If given the chance, I would make a good leader of people. (attitudes_6b)

Part of resp.'s enjoyment in doing thins is improving his/her past performance (attitudes_6c)
File: GhanaBaselineSingle_la

\section*{Overview}

\section*{Literal question}

Part of my enjoyment in doing things is improving my past performance. (attitudes_6c)

When a group resp. belongs to plans an activity, esp. would rather direct it (attitudes_6d)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 877
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

When a group to which I belong plans an activity, I would rather direct it myself. (attitudes_6d)

\title{
Important for resp. to perform better than others on a task (attitudes_6e)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

It is important to me to perform better than others on a task. (attitudes_6e)

Resp. rarely counts on good thins happening to him/her (attitudes_6f)
File: GhanaBaselineSingle_la

\section*{Overview}
```

Type: Discrete
Valid cases: 878

```

Format: character Width: 26

Invalid: 0

\section*{Literal question}

I rarely count on good things happening to me. (attitudes_6f)

\title{
Resp. enjoys planning thins and deciding what other people should do (attitudes_6g) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 876
Format: character
Invalid: 0

\section*{Literal question}

I enjoy planning things and deciding what other people should do. (attitudes_6g)

Resp. finds satisfaction in having influence over others (attitudes_6h)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 875
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

I find satisfaction in having influence over others. (attitudes_6h)

The most important thing that happens in life involves work (attitudes_6i)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete Valid cases: 876
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

The most important thing that happens in life involves work. (attitudes_6i)

\title{
Resp.'s family and friends would say he/she is a very organised person (attitudes_6j) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 875
Format: character Width: 26

Invalid: 0

\section*{Literal question}

My family and friends would say I am a very organised person. (attitudes_6j)
(stopwatch_discounting2)
File: GhanaBaselineSingle_la

\section*{Overview}

Valid cases: 880
Format: character
Invalid: 0

\title{
Amount 5 months from now that would be equiv. to receiving GHc 100 in 6 months (discount_2a) \\ File: GhanaBaselineSingle_la
}

Type: Discrete Valid cases: 880
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)

\section*{(ReductionCounter2)}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0
Width: 22

\title{
Reduction counter - Ten less than 'discount_2a' (discount_2b) File: GhanaBaselineSingle_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 878 \\
Format: character & Invalid: 0
\end{tabular}

\section*{Width: 11}

Valid cases: 878
Invalid: 0

\section*{Pre question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)

\section*{Literal question}

Reduction counter - calculate ten less than (Q4.2a) (discount_2b)

\section*{Respondent would accept GHc 'discount_2b' instead (1=Yes, \(2=\) No) (discount 2c)}

File: GhanaBaselineSingle_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 875 \\
Format: character & Invalid: 0 \\
Width: 11 &
\end{tabular}

\section*{Pre question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)
Literal question
Would you accept GHc \{Q4.2b\} instead? (discount_2c)

5 more than 'discount_2b (discount_2d)
File: GhanaBaselineSingle_la

\section*{Overview}

\title{
5 more than 'discount_2b (discount_2d)
}

File: GhanaBaselineSingle_la
Type: Discrete Valid cases: 733
Format: character
Invalid: 0
Width: 12

\section*{Pre question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)

\section*{Literal question}

Calculate 5 more than (Q4.2b) (discount_2d)

\section*{Respondent would accept GHc 'discount_2d' instead (1=Yes, \(2=\mathrm{No}\) ) (discount_2e)}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character Width: 12

\section*{Pre question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)
Literal question
Would you accept GHc \{Q4.2d\} instead? (discount_2e)

\section*{Resp. SURE that he/she would not be happier with GHc 100 TODAY than in a month (discount_2f)}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 733
Format: character
Invalid: 0
Width: 26

\section*{Pre question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)

\section*{Literal question}

Are you SURE that you would not be happier with GHc 100 TODAY than in a month? (discount_2f)

Answer again: Amount today that would be equiv. to receiving GHc 100 in a month (discount_2g)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 168
Format: character
Width: 12
Invalid: 0

\section*{Pre question}

How much money FIVE months from now would make you as happy as receiving GHc 100 in SIX months? (discount_2a)

\section*{Literal question}

Please answer again. How much money today would make you as happy as receiving GHc 100 in a month? (discount_2g)
(stopwatch_roster)
File: GhanaBaselineSingle_la
Overview
Type: Discrete
Valid cases: 880
Format: character
Width: 16
Invalid: 0

\title{
Relationship of respondent to the head of his/her household (household_1a) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0
Width: 35

\section*{Literal question}

What relationship are you to the head of your household? (household_1a)

\title{
Number of members of the household apart from respondent (household_1b)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 877
Format: character
Invalid: 0

\section*{Width: 12}

\section*{Pre question}

We are about to ask about members of the household. Please include all people who usually live in this household. Please include individuals who are temporarily living elsewhere or temporarily working in another location (i.e. for three months or less). However, please do NOT include the respondent in the roster; we have already asked about the respondent.

\section*{Literal question}

Apart from you, how many members are there in the household? (household_1b)

\title{
Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

\section*{Literal question}

\footnotetext{
Last week:
How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a)
}

\title{
Last WEEK'S household expenditure on: Food and drink consumed outside the home (household 2b) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 807
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

Last week:
How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b)

\title{
Last MONTH's household expenditures on: Housing (household_3a) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 845
Format: character Width: 33

\section*{Literal question}

How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a)
Last MONTH's household expenditures on: Fuel and Light (household_3b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 842
Format: character
Invalid: 0

Invalid: 0

\section*{Literal question}

How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b)

Last MONTH's household expenditures on: Non-durable household goods (household_3c)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 805
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c)

\title{
Last MONTH's household expenditures on: Transport (household 3d) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Format: character
Width: 12

Valid cases: 746
Invalid: 0

\section*{Literal question}

How much did you and your household spend last MONTH on: Transport (e.g. train/bus, taxis, school transport fees) (GHc)? (household_3d)

\title{
Last MONTH's household expenditures on: Communication (household_3e)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete Valid cases: 717
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

How much did you and your household spend last MONTH on: Communication (e.g. telephone, internet and postal) (GHc)? (household_3e)

\title{
Last MONTH's household expenditures on: Recreation and entertainment (household_3f) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 471
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

How much did you and your household spend last MONTH on: Recreation and entertainment (e.g. CDs, DVDs, cinema, books, beach, football, lottery) (GHc)? (household_3f)

\title{
Last MONTH's household expenditures on: Household services (household_3g) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 460
Format: character
Invalid: 0

\section*{Literal question}

How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g)

\title{
Last MONTH's household expenditures on: Personal care services (household 3h)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character
Width: 12

Valid cases: 804
Invalid: 0

\section*{Literal question}

How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h)

\title{
Last MONTH's household expenditures on: Contributions to associations (household_3i)
}

File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 723
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i)

\title{
Over past THREE MONTHS household expenditures on: Clothing and textiles (household_4a) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 729
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a)

\footnotetext{
Over past THREE MONTHS household expenditures on: Footwear (household 4b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 694
Format: character
Invalid: 0

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b)
}

Over past THREE MONTHS household expenditures on:
Funerals, weddings,ceremonies (household_4c)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character Width: 12

Valid cases: 573
Invalid: 0

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHC)? (household_4c)

\section*{Over past THREE MONTHS household expenditures on: \\ Electronic goods (household_4d) \\ File: GhanaBaselineSingle_la}

\section*{Overview}

Type: Discrete
Valid cases: 453
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d)

\title{
Over past THREE MONTHS household expenditures on: \\ Household furnishings (household_4e) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 442
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e)

\title{
Over past THREE MONTHS household expenditures on: \\ Household appliances (household_4f) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 433
Format: character
Width: 12
Invalid: 0

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f)

\title{
Over past THREE MONTHS household expenditures on: Vehicles (household_4g) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 435
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)? (household_4g)

\title{
Over past THREE MONTHS household expenditures on: Health expenses (household 4h) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 704
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h)

\title{
Over past THREE MONTHS household expenditures on: Education (household_4i)
}

File: GhanaBaselineSingle_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 693 \\
Format: character & Invalid: 0
\end{tabular}

Width: 12

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i)

Ownership of the dwelling in which the household lives (household 5)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 879
Format: character
Invalid: 0

\footnotetext{
Literal question
Who owns the dwelling in which the household lives? (household_5)
}

Home has a landline telephone ( \(1=\) Yes, \(2=\) No) (household_6) File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete Valid cases: 879
Format: character
Width: 11
Invalid: 0

\section*{Literal question}

Does your home have a landline telephone? (household_6)

Respondent or any household member has a cellular phone ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (household 7)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 878
Format: character
Invalid: 0
Width: 29

\section*{Literal question}

Do you or any household member have a cellular phone? (household_7)

\title{
Household owns the functioning items [list provided] (household_8) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 879
Format: character
Width: 165

\section*{Literal question}

Does this household own any of the following (functioning) items? (household_8) (ticklist)
(stopwatch_other)
File: GhanaBaselineSingle_la
Overview
Type: Discrete Valid cases: 880
Format: character
Invalid: 0

\section*{(questionnaire_endtime) \\ File: GhanaBaselineSingle_la}

\section*{Overview}

Type: Discrete
Format: character
Valid cases: 868
Width: 21

Household location the same ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (GPS_4) File: GhanaBaselineSingle_la

Person(s) other than the enterprise owner present during the interview (impressions_1)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete

\section*{Literal question}

Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist)

Interviewer's impression of how well the respondent understood the questions (impressions_2)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character
Width: 13

Valid cases: 856
Invalid: 0

\section*{Literal question}

What is your impression of how well the respondent understood the questions being asked? (impressions_2)

Interviewer's impression of seriousness with which the resp. answered questions (impressions_3)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 856
Format: character
Width: 14
Invalid: 0

\section*{Literal question}

What is your impression of the seriousness with which the respondent answered questions? (impressions_3)

Interviewer's impression of preciseness with which questions were answered (impressions_4)
File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Interviewer's impression of preciseness with which questions were answered (impressions_4)
}

File: GhanaBaselineSingle_la
```

Type: Discrete Valid cases: 858
Format: character
Invalid: 0

```
Width: 14

\section*{Literal question}

What is your overall impression of the preciseness with which questions were answered? (impressions_4)

\title{
Most difficult or troubling sections for the respondent (impressions_5) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 858
Format: character
Width: 170

\section*{Literal question}

Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark)

\title{
Most difficult or troubling sections for the interviewer (impressions_6) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 858
Format: character
Width: 165

\section*{Literal question \\ Which sections were most difficult or troubling for you? (impressions_6) (ticklist)}

\title{
Sections that interested the respondents the most (impressions_7) File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 858
Format: character
Width: 244
```

Literal question
Which sections interested the respondents the most? (impressions_7) (ticklist)

```
Most difficult or troubling questions for the respondent (impressions_8)

File: GhanaBaselineSingle_la

\section*{Overview}

\title{
Most difficult or troubling questions for the respondent (impressions_8)
}

File: GhanaBaselineSingle_la
Type: Discrete
Valid cases: 527
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

Which questions were most difficult or troubling for the respondent? (impressions_8)

\title{
Most difficult or troubling questions for the interviewer (impressions_9) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 464
Format: character
Width: 50
Invalid: 0

\section*{Literal question}

Which questions were most difficult or troubling for you? (impressions_9)

\title{
Questions that interested the respondents the most (impressions_10) \\ File: GhanaBaselineSingle_la
}

\section*{Overview}

Type: Discrete
Valid cases: 523
Format: character
Invalid: 0

\section*{Literal question}

Which questions interested the respondents the most? (impressions_10)
(SingleMultipleMerge)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 907
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 2-3

Kind of retail/trade ( \(1=\) Food and drink, \(2=\) Fabrics and garments, 3=Other) (business_1d)
File: GhanaBaselineSingle_la

\section*{Overview}

Kind of retail/trade ( \(1=\) Food and drink, \(2=\) Fabrics and garments, 3=Other) (business_1d)
File: GhanaBaselineSingle_la
Type: Discrete
Valid cases: 253
Format: character
Invalid: 0
Width: 20

Land or market space used by the business was purchased (1=Yes, \(2=\) No) (balance_2b)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Format: character
Invalid: 0
Width: 10

Currency of resale value of land and market space today (balance_2e2)
File: GhanaBaselineSingle_la

\section*{Overview}

Format: character

Currency of balance_3b (balance_3c)
File: GhanaBaselineSingle_la

\section*{Overview}

Type: Discrete
Valid cases: 665
Format: character
Invalid: 0

Currency of resale value (today) of kiosk/shed/building when starting business (balance_4e)
File: GhanaBaselineSingle_la

\section*{Overview}

\section*{SHENO (SHENO)}

File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete

Valid cases: 8135
Invalid: 0

Width: 9

\section*{Question Number (questionnumber)}

File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 8017
Format: numeric
Invalid: 118

Width: 11
Decimals: 0
Range: 11.14999962-11.14999962

Instance (instance)
File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete

Valid cases: 8017
Invalid: 118

Width: 2
Decimals: 0
Range: 1-63

Question heading (questionheading)
File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 8027
Format: character
Width: 13

Answer (answer)
File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete
Format: numeric
Invalid: 118
Width: 2
Decimals: 0
Range: 1-67

SocialSHENO (socialsheno)
File: GhanaRound2Multiple_la

\section*{Overview}

SocialSHENO (socialsheno)
File: GhanaRound2Multiple_la
Type: Discrete
Valid cases: 8113
Format: character
Invalid: 0
Width: 16

Relationship (1=blood relative, \(2=\) in-laws, \(3=\) friend, \(4=\) casual acquaintance, \(5=\) un (networksloop_1)
File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 7142
Format: character
Invalid: 0
Width: 19

\section*{Literal question}

Is this following individual a relative, friend, or acquaintance of yours?

Frequency of chats about the days events with this person or members of their h (networksloop_2)
File: GhanaRound2Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 5773
Format: character
Invalid: 0
Width: 24

\section*{Literal question}

How frequently do you chat about the day's events with this person or members of their household?

Firm identification number (SHENO)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 913
Format: character
Invalid: 0
Width: 9

Start time of interview (questionnaire_starttime)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 910
Format: character
Invalid: 0
Width: 8

Date of interview (questionnaire_date)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character
Width: 10

Valid cases: 910
Invalid: 0
(introduction_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 910
Format: character Invalid: 0

Interviewer was able to find the owner ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) )
(introduction_1)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 909
Format: character
Invalid: 0

\section*{Literal question}

Interviewer: Were you able to find the owner? (introduction_1)

Owner agreed to be interviewed again ( \(1=\) Yes, \(2=\mathrm{No}\) )
(introduction_2)
File: GhanaRound2Single_la

Owner agreed to be interviewed again ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (introduction_2)
File: GhanaRound2Single_la
Overview
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 855 \\
Format: character & Invalid: 0 \\
Width: 3 &
\end{tabular}

\section*{Literal question}

Interviewer: Did the owner agree to be interviewed again? (introduction_2)

\title{
Owner still operates the business (attrition_2) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 710
Format: character
Invalid: 0
Width: 49

\section*{Literal question}

Does the owner still operate the business? (attrition_2)

\title{
Business still seems to be operating in the same location as before (attrition_3) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 731
Format: character
Invalid: 0

\section*{Literal question}

Does the business still seem to be operating in the same location as before? (attrition_3)

\title{
Place of interview (introduction_3) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Valid cases: 851
Format: character
Invalid: 0

\section*{Literal question}

Where is the interview taking place? (introduction_3)

Household is living at same address as in previous round ( \(1=\) Yes, \(2=\mathrm{No}\) ) (introduction_4)
File: GhanaRound2Single_la

\section*{Overview}

Household is living at same address as in previous round (1=Yes, \(2=\mathrm{No}\) ) (introduction_4)
File: GhanaRound2Single_la
Type: Discrete
Valid cases: 853
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4)

Respondent still owns and operates a business ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (introduction_6)
File: GhanaRound2Single_la
Overview
Type: Discrete Valid cases: 851
Format: character
Invalid: 0
Width: 3
Literal question
Do you still own and operate a business? (introduction_6)

Respondent is still working in the same location as in October or November 2008 (introduction 7)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 826
Format: character
Width: 3
Invalid: 0

\section*{Literal question}

Are you still working in the same location as you were working in when we interviewed you in October or November 2008? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7)

What happened to the business previously ran? (introduction_10) File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 686 \\
Format: character & Invalid: 0 \\
Width: 54 & \\
Literal question & \\
What happened to the business you previously ran? (introduction_10)
\end{tabular}

Main activity now (introduction_11)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Main activity now (introduction_11)
}

File: GhanaRound2Single_la
\(\begin{array}{ll}\text { Type: Discrete } & \text { Valid cases: } 670 \\ \text { Format: character } & \text { Invalid: } 0\end{array}\)
Width: 50

\section*{Literal question}

What is your main activity now? (introduction_11) (specify) \(\qquad\)

\section*{Interviewer instructions}
(Interview: Survey will end if they no longer operate a business.)

\title{
New line of business activity (introduction_12) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 792
Format: character Width: 23

\section*{Literal question}

You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12)
Verification: Really a new line of business (introduction_13) File: GhanaRound2Single_la
Overview
Type: Discrete ..... Valid cases: 783Format: character

Invalid: 0

\section*{Literal question}

Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13)

Respondent owns the land or market space used by the business ( \(1=\) yes, \(2=\) no) (balance_8a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 785
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Do you currently own the land or market space used by the business? (balance_8a)

Year when land or market space was purchased (balance_8b) File: GhanaRound2Single_la

Year when land or market space was purchased (balance_8b) File: GhanaRound2Single_la
Type: Discrete Valid cases: 904
Format: character
Invalid: 0
Width: 17

\section*{Literal question}

In what year did you purchase the land or market space? (balance_8b)

Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 1
Format: numeric
Invalid: 912
Width: 2
Decimals: 0
Range: 10-10

\section*{Literal question}

How much would you pay to purchase the same land and market space today (GHc)? (balance_8c)

Business has any kiosk/shed/building (1=yes, 2=no) (balance_9a) File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 785
Format: character
Invalid: 0
Width: 3
Literal question
Does your business currently have any kiosk/shed/building? (balance_9a)

Ownership of the kiosk/shed/building ( a)=Owned, b)=Rented,
c)=Borrowed ) (balance_9b)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 870
Format: character
Invalid: 0
Width: 5

\section*{Literal question}

Ownership of the kiosk/shed/building: (balance_9b)

Replacement value of kiosk/shed/building (GHc) (balance_9c)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Replacement value of kiosk/shed/building (GHc) (balance_9c) File: GhanaRound2Single_la
}
```

Type: Continuous
Valid cases: }
Format: numeric
Invalid: 909
Width: }
Decimals: 0
Minimum: 10
Maximum: }35

```
Range: 10-350

\section*{Literal question}

If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c)

\title{
Business has any furniture or display cases ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (balance_10a) \\ File: GhanaRound2Single_la
}

Overview
Type: Discrete
Valid cases: 793
Format: character
Invalid: 0
Width: 3
Literal question
Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a)

Number of different types of furniture or display cases (balance_10b)
File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 8 \\
Format: numeric & Invalid: 905
\end{tabular} Invalid: 905

\section*{Literal question}

How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b)

\section*{Ownership of FIRST furniture or display cases (balance 10c) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 836
Format: character
Invalid: 0
Width: 5

\section*{Literal question}

FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c)

Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaRound2Single_la
```

Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaRound2Single_la
Overview

```

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 5-450

Valid cases: 8
Invalid: 905
Minimum: 5
Maximum: 450

\section*{Literal question}
```

FIRST FURNITURE or DISPLAY CASES:
If you had to replace, what would the replacement be for all of the items owned $(\mathrm{GHC})$ ?

```

\title{
Ownership of SECOND furniture or display cases (balance_10e)
} File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 892
Format: character
Invalid: 0
Width: 5

\section*{Literal question}

SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e)

\title{
Replacement value of SECOND furniture or display cases (GHc) (balance_10f) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 5-8

\section*{Literal question}

SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?
Ownership of THIRD furniture or display cases (balance_10g) File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 0Format: numericInvalid: 913
Width: 1
Decimals: 0
Literal question
THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g)

\title{
Replacement value of THIRD furniture or display cases (GHc) (balance_10h) \\ File: GhanaRound2Single_la \\ \\ Overview
} \\ \\ Overview
}

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

\section*{Literal question}

THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

\title{
Ownership of FOURTH furniture or display cases (balance_10i) File: GhanaRound2Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 913 \\
Width: 1 & \\
Decimals: 0 &
\end{tabular}

Decimals: 0

\section*{Literal question}

FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i)
Replacement value of FOURTH furniture or display cases (GHc) (balance_10j)
File: GhanaRound2Single_la
Overview

\section*{Literal question}

FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?
Business has any machines or equipment ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (balance_11a)
File: GhanaRound2Single_la
Overview
Type: Discrete ..... Valid cases: 793
Format: character Invalid: 0Width: 3
Literal questionDoes your business currently have any MACHINES or EQUIPMENT? (balance_11a)

Number of different types of machine/equipment (balance_11b) File: GhanaRound2Single_la

\section*{Overview}
Type: Discrete Valid cases: 4

Format: numeric
Invalid: 909
Width: 1
Decimals: 0
Range: 1-1

\section*{Literal question}

How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b)

Ownership of FIRST machine/equipment ( a)=Owned, b)=Rented, c)=Borrowed ) (balance_11c)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character Width: 5

\section*{Literal question}

FIRST MACHINE/EQUIPMENT: Ownership (balance_11c)

Replacement value of FIRST machine/equipment (GHc) (balance_11d)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 909
Width: 3
Minimum: 70
Decimals: 0
Maximum: 200
Range: 70-200
Valid cases: 887
Invalid: 0

\section*{Literal question}

FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d)

Ownership of SECOND machine/equipment ( a)=Owned, b) =Rented, c)=Borrowed ) (balance_11e)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}

SECOND MACHINE/EQUIPMENT: Ownership (balance_11e)

\section*{Interviewer instructions}

Skip if only 1 machines and equipment

\title{
Replacement value of SECOND machine/equipment (GHc) (balance_11f) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

\section*{Literal question}

SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f)

Ownership of machine/equipment ( \(a\) )=Owned, \(b\) )=Rented, c)=Borrowed ) (balance 11g)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 0
Format: numeric Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}

THIRD MACHINE/EQUIPMENT: Ownership (balance_11g)

\section*{Interviewer instructions}

Skip if 2 or less types of machinery and equipment

Replacement value of THIRD machine/equipment (GHc)
(balance 11h)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 913
Width: 1
Decimals: 0
Literal question
THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11h)

Ownership of FOURTH machine/equipment ( a)=Owned, b)=Rented, c)=Borrowed ) (balance_11i)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}

FOURTH MACHINE/EQUIPMENT: Ownership (balance_11i)
Interviewer instructions

Ownership of FOURTH machine/equipment ( \(a\) )=Owned, b) =Rented, c)=Borrowed ) (balance_11i)

File: GhanaRound2Single_la
Skip if 3 or less types of machinery and equipment

\title{
Replacement value of FOURTH machine/equipment (GHc)
} (balance_11j)
File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 913 \\
Width: 1 & \\
Decimals: 0 &
\end{tabular}

\section*{Literal question}

FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j)

\title{
Business currently has any other equipment, tools, and utensils (balance_12a) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 793
Format: character
Invalid: 0

\section*{Literal question}

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

Number of different types of other equipment, tools or utensils (balance_12b)
File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 3 \\
Format: numeric & Invalid: 910 \\
Width: 1 & \\
Decimals: 0 & \\
Range: \(2-3\) &
\end{tabular}

\section*{Pre question}

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

\section*{Literal question}

If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b)

Ownership of FIRST other equipment, tools or utensils (balance_12c)
File: GhanaRound2Single_la

Ownership of FIRST other equipment, tools or utensils
(balance_12c)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character
Width: 5

Valid cases: 880
Invalid: 0

\section*{Literal question}

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c)

Replacement cost of FIRST other equipment, tools or utensils (GHc) (balance_12d)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 3
Format: numeric
Invalid: 910
Width: 3
Minimum: 2.5
Decimals: 0
Maximum: 12
Range: 2.5-12

\section*{Literal question}

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d)

\section*{Ownership of SECOND other equipment, tools or utensils}
(balance_12e)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 880
Format: character
Invalid: 0

\section*{Literal question}

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e)
Interviewer instructions
Skip if only one type of types of other equipment, tools, or utensils

\title{
Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: 0.8000000119-9.5

\section*{Literal question}

\title{
Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f)
}

File: GhanaRound2Single_la
SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f)

\section*{Ownership of THIRD other equipment, tools or utensils (balance_12g) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 903
Format: character Width: 5

Invalid: 0

\section*{Literal question}

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g)
Interviewer instructions
Skip if two or less types of other equipment, tools, or utensils

\section*{Replacement cost of THIRD other equipment, tools or utensils (GHc) (balance_12h)}

File: GhanaRound2Single_la

\section*{Overview}
Type: Discrete Valid cases: 1

Format: numeric Invalid: 912

\section*{Literal question}

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h)

\section*{Ownership of FOURTH other equipment, tools or utensils (balance_12i)}

File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 913 \\
Width: 1 & \\
Decimals: 0 &
\end{tabular}

\section*{Literal question}

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i)

\section*{Interviewer instructions}

Skip if 3 or less types of other equipment, tools, or utensils

\title{
Replacement cost of FOURTH other equipment, tools or utensils (GHc) (balance_12j)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

\section*{Literal question}

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)?
(balance_12j)

\section*{Automatic sum of assets, excluding land, buildings and market space (balance_13a)}

File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 16 \\
Format: numeric & Invalid: 897 \\
Width: 3 & Minimum: 0 \\
Decimals: 0 & Maximum: 650
\end{tabular}

Decimals: 0
Range: 0-650

\section*{Literal question}

PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space.

Verification: accuracy of 'balance_13a' (balance_13b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 793
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

\title{
What has been missed or double-counted? (balance_13c) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 911
Format: character
Invalid: 0

Valid cases: 0
Invalid: 913

\title{
Estimate:total replacement cost of assets(excl. land, buildings or market space) (balance_13d) \\ File: GhanaRound2Single_la \\ \\ Overview
} \\ \\ Overview
}

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 30-30

\section*{Literal question}

What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d)

Bus. holds products for sale, raw materials, products in production or spare parts (balance_14a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 785
Format: character
Width: 3

\section*{Literal question}

When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a)

\section*{Total purchase cost of stocks and inventories (GHc) (balance_14b) File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 16
Format: numeric
Invalid: 897
Width: 11
Minimum: 1.4
Decimals: 0
Range: 1.399999976-180

\section*{Pre question}

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)

\section*{Literal question}

What is the total purchase cost of these goods (GHc)? (balance_14b)

\section*{Value of items on hand to sell (GHc) (balance_14c) File: GhanaRound2Single_la}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 913 \\
Width: 1 &
\end{tabular}

Width: 1
Decimals: 0

\section*{Literal question}

You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c)

\title{
Cash for business (Includes cash held at home, at the bank or with a susu) (balance_14d)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous

\section*{Valid cases: 17}

Format: numeric
Invalid: 896
Width: 3
Minimum: 0
Decimals: 0
Maximum: 400
Range: 0-400

\section*{Literal question}

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(balance_14d)
(hours_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 8

\title{
Days spent working in the business - LAST week (business_6a) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 805
Format: numeric
Invalid: 108
Width: 2
Decimals: 0
Range: 0-12

\section*{Literal question}

How many hours a week do you personally spend working in the business?
Days worked

Hours spent working in the business per day - LAST week (business_6b)

\section*{File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-84

\section*{Valid cases: 804}

Invalid: 109
Minimum: 0
Maximum: 84

\section*{Literal question}

How many hours a week do you personally spend working in the business?
Hours per day

\title{
Total hours spent working in the business - LAST week (business_6c) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 756
Format: numeric
Width: 3
Decimals: 0
Range: 0-140

Invalid: 157
Minimum: 0
Maximum: 140

\section*{Literal question}

How many hours a week do you personally spend working in the business?
Total hours (Number of days * Hours per day)

\title{
Days spent working full effort in the business - FULL EFFORT LAST WEEK (business_8a)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-51

\section*{Valid cases: 806}

Invalid: 107
Minimum: 0
Maximum: 51

\section*{Literal question}

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Days worked

\section*{Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b) \\ File: GhanaRound2Single_la}

\section*{Overview}
\begin{tabular}{|c|c|}
\hline Type: Continuous & Valid cases: 805 \\
\hline Format: numeric & Invalid: 108 \\
\hline Width: 2 & Minimum: 0 \\
\hline Decimals: 0 & Maximum: 70 \\
\hline Range: 0-70 & \\
\hline \multicolumn{2}{|l|}{Literal question} \\
\hline \multicolumn{2}{|l|}{\begin{tabular}{l}
In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. \\
FULL EFFORT LAST WEEK: \\
Hours of full effort per day
\end{tabular}} \\
\hline
\end{tabular}

Total hours of full effort - FULL EFFORT LAST WEEK (business_8c)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Total hours of full effort - FULL EFFORT LAST WEEK (business_8c) \\ File: GhanaRound2Single_la \\ Type: Continuous \\ Format: numeric \\ Width: 3 \\ Decimals: 0 \\ Range: 0-144 \\ Valid cases: 753 \\ Invalid: 160 \\ Minimum: 0 \\ Maximum: 144 \\ \\ Literal question \\ \\ Literal question \\ In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. \\ FULL EFFORT LAST WEEK: \\ Total hours (Number of days * Hours per day)
}

\title{
Apart from respondent, any other unpaid or paid workers in the business (otherworkers_1) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Width: 3
Invalid: 0

\section*{Literal question}

Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1)

Hours in total household members apart from resp. worked in business last week (otherworkers_2)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 900
Format: character
Invalid: 0
Width: 5

\section*{Literal question}

How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2)

Number of hours in total apprentices worked in the business (otherworkers_3)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 900
Format: character
Width: 5
Invalid: 0

\section*{Literal question}

How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3)

Number of hours in total non-household paid employees worked in the business (otherworkers_4)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character
Width: 5

Valid cases: 901
Invalid: 0

\section*{Literal question}

How many hours in total did non-household paid employees work in the business?

Number of days business was not operating in January 2009 (business_11)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 911
Format: character
Invalid: 0
Width: 27

\section*{Literal question}

For how many days was your business NOT operating in January 2009? (do not include days normally not open) (business_11)

\section*{Interviewer instructions}

If none, skip over questions about business closure.

Number of days business was closed because respondent was ill (business_12a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 214
Format: numeric
Invalid: 699
Width: 2
Minimum: 0
Decimals: 0
Maximum: 31
Range: 0-31

\section*{Literal question}

For how many days was the business closed because you were ill? (business_12a)

Number of days business was closed because someone else was ill (business_12b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

Valid cases: 196
Invalid: 717
Minimum: 0
Maximum: 30

\section*{Literal question}

For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b)

Number of days business was closed because of other family or community events (business_12c)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 903
Format: character
Invalid: 0
Width: 47

\section*{Literal question}

For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c)
(expenses_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 8

Purchase of raw materials and items for resale - Monthly expenses for Jan 2009 (income_3a)
File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 913 \\
Format: character & Invalid: 0
\end{tabular}

Width: 11

\section*{Literal question}

Purchase of raw materials and items for resale: (income_3a)

Purchase of electricity, water, gas and fuel - Monthly expenses for Jan 2009 (income_3b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-730

Valid cases: 723
Invalid: 190
Minimum: 0
Maximum: 730

\section*{Literal question}

Purchase of electricity, water, gas and fuel: (income_3b)

Payments to employees and apprentices - Monthly expenses for Jan 2009 (income_3c)
File: GhanaRound2Single_la

Payments to employees and apprentices - Monthly expenses for Jan 2009 (income_3c)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 912
Format: character
Width: 28
Invalid: 0

\section*{Literal question}

Payments to employees and apprentices: (income_3c)

Expenditure on telephone and cellphone airtime - Monthly expenses for Jan 2009 (income_3d) File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 652
Format: numeric
Invalid: 261
Width: 3
Minimum: 0
Decimals: 0
Maximum: 510
Range: 0-510

\section*{Literal question}

Expenditure on telephone and cellphone airtime: (income_3d)

Maintenance, repair, and transportation - Monthly expenses for Jan 2009 (income_3e)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 684
Format: numeric
Invalid: 229
Width: 4
Minimum: 0
Decimals: 0
Maximum: 2500
Range: 0-2500

\section*{Literal question}

Maintenance, repair, and transportation: (income_3e)

Rent of machinery and equipment - Monthly expenses for Jan 2009 (income_3f)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

\section*{Literal question}

Rent of machinery and equipment: (income_3f)

Invalid: 369
Minimum: 0
Maximum: 150

Interest paid on loans (in GHc,not percentage terms) - Monthly exp. for Jan 2009 (income_3g)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 912
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g)

Gifts, tips and bribes given to government officials - Monthly exp. for Jan 2009 (income_3h)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 904
Format: character
Invalid: 0
Width: 5

\section*{Literal question}

Gifts, tips and bribes given to government officials: (income_3h)

\title{
Sum of total monthly expenses (income_3i)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character
Valid cases: 910
Width: 38
Invalid: 0

\section*{Literal question}

Automatically sum the total monthly expenses (income_3i)

Verification: Sum of the expenses just listed for last month was accurate (income_3j)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character Width: 3

Invalid: 0

\section*{Literal question}

The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j)

Estimate of total of expenses for the last month (income_3k) File: GhanaRound2Single_la

\section*{Overview}

\title{
Estimate of total of expenses for the last month (income_3k) File: GhanaRound2Single_la \\ Type: Discrete Valid cases: 905 \\ Format: character \\ Invalid: 0 \\ Width: 5 \\ \\ Literal question \\ \\ Literal question \\ What do you estimate to be the total of these expenses for the last month? (income_3k)
}

\section*{(sales_stopwatch)}

File: ḠhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 8

\title{
Total monthly sales of the business (Incl. sales of services) GHcJanuary 2009 (income_2a) \\ File: GhanaRound2Single_la
}

Overview
Type: Continuous
Valid cases: 806
Format: numeric
Invalid: 107
Width: 6
Minimum: 0
Decimals: 0
Maximum: 250000
Range: 0-250000

\section*{Literal question}

What were the total monthly sales of your business? Include sales of services.
For January 2009 (GHC) (income_2a)

Total monthly sales of the business (Incl. sales of services) GHc-
December 2008 (income_2b)
File: GhanaRound2Single_la
Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-96000

\section*{Literal question}

What were the total monthly sales of your business? Include sales of services.
For December 2008 (GHc) (income_2b)

Total monthly sales of the business (Incl. sales of services) GHc-
November 2008 (income_2c)
File: GhanaRound2Single_la
Overview
Valid cases: 798
Invalid: 115
Minimum: 0
Maximum: 96000

\title{
Total monthly sales of the business (Incl. sales of services) GHcNovember 2008 (income_2c) \\ File: GhanaRound2Single_la
}

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-95000

Valid cases: 796
Invalid: 117
Minimum: 0
Maximum: 95000

\section*{Literal question}

What were the total monthly sales of your business? Include sales of services.
For November 2009 (GHC) (income_2c)

\section*{Verification: Substantial percentage change in sales is correct (sales_1)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 515
Format: character
Width: 22
Invalid: 0

\section*{Literal question}

You said sales for January 2009 were X, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1)

\section*{September/October 2008 sales if sales_1==No (sales_2) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 30-8700

Valid cases: 59
Invalid: 854
Minimum: 30
Maximum: 8700

\section*{Pre question}

You said sales for January 2009 were X, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1)

\section*{Literal question}

If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? September/October 2008

January 2009 sales if sales_1==No (sales_3)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 20-3200

\section*{Valid cases: 59}

Invalid: 854
Minimum: 20
Maximum: 3200

\section*{Pre question}

You said sales for January 2009 were X, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1)

\title{
January 2009 sales if sales_1==No (sales_3) \\ File: GhanaRound2Single_la \\ Literal question \\ If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? January 2009
}
(product_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0

Valid cases: 823
Invalid: 0
Format: character Width: 50

\section*{Most important product or service sold still same as in Round 1 (product_1)}

File: GhanaRound2Single_la

\section*{Overview}

\section*{Literal question}

In the last survey, you told us that the most important product or service you sold was [ x ]. Is this still your most important product or service? (product_1)

Repeat if blank. (repeatifblank)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

Name of most important product or service (income_7a) File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 511
Format: character Width: 38

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a)

Sale price per unit (GHc) of most important product or service (income 7b)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 41

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_7b)

\title{
Cost of raw materials for one unit (GHc) of most important product or service (income_7c) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 885
Format: character Width: 27

Invalid: 0

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c)

\title{
Verification: Correct that product is sold for less than bought (income_7d)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 643
Format: character
Invalid: 0

\section*{Literal question}

You have told me that you sell this product for less than you buy it. Is this correct? (income_7d)

\title{
Verification: Correct that product is sold for the same price as bought (income_7e) \\ File: GhanaRound2Single_la
}

\section*{Overview}
Valid cases: 835
Format: character
Invalid: 0

\section*{Literal question}

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e)

\title{
Verification: Correct that materials for this product cost nothing (income 7f)
}

File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 737
Format: character
Width: 20
Invalid: 0

\section*{Literal question}

You have told me that the materials for this product cost nothing. Is this correct? (income_7f)

Units sold in the last month of most important product or service (income_7g)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 887
Format: character
Invalid: 0

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g)

Share of most important product or service in total sales (\%) (income_7h)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 503
Invalid: 410
Minimum: 0
Maximum: 100
raxtmumi.

Decimals: 0

Range: 0-100

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h)

Verification whether sale price for main product changed substantially (prices_1)
File: GhanaRound2Single_la

\section*{Overview}

Correct price for main product (GHc) - September/October 2008 (prices_2)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 888
Format: character
Invalid: 0
Width: 17

Correct price for main product (GHc) - January 2009 (prices_3)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 898
Format: character
Invalid: 0
Width: 11

Started manufacturing/selling new product/offering new service in last 3 months (product_2)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character Invalid: 0
Width: 3

Type/Name of new product(s) or service(s) (product_3)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 621
Format: character Invalid: 0

Percentage of total sales made by the new product(s) or service(s) (product_4)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 34
Invalid: 879
Minimum: 5
Maximum: 100

File: GhanaRound2Single_la
(income_stopwatch)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 8

\section*{Question on profits answered? (1=Yes, 2=No) (income_4a)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0

\section*{Width: 40}

\section*{Literal question}

After paying all expenses, what was the income of the business (the profits) during January 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a)
Profit during January 2009 (income_4b) File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-90000

\section*{Literal question}

After paying all expenses, what was the income of the business (the profits) during January 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Profit: (income_4b)

\section*{Profit range [Categories provided] (income_4c) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 798
Format: character
Width: 32

\section*{Literal question}

After paying all expenses, what was the income of the business (the profits) during January \(2009(\mathrm{GHC})\) ? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Was the amount: (income_4c)

Proportion of profits that is typically invested into the business
(income_4d)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Proportion of profits that is typically invested into the business (income 4d)
}

File: GhanaRound2Single_la

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

Valid cases: 811
Invalid: 102
Minimum: 0
Maximum: 100

\section*{Pre question}

After paying all expenses, what was the income of the business (the profits) during January 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.

\section*{Literal question}

What proportion of this amount do you typically invest in your business (\%)? (income_4d)

\title{
'income_4d' included value of goods or serv. that resp. and household consumed (income_4e) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete Valid cases: 820
Format: character
Width: 3
Invalid: 0

\section*{Pre question}

What proportion of this amount do you typically invest in your business (\%)?

\section*{Literal question}

In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business?

Value of goods and services that resp. and household consumed January 2009 (income_4f)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 906
Format: character
Width: 14
Invalid: 0

\section*{Literal question}

What was the value of the goods and services that you and your household consumed from the business in January 2009? (income_4f)

\section*{Correct value for sales in January 2009 (income_5c) File: GhanaRound2Single_la}

\section*{Overview}

\section*{Literal question}

What is the correct value for sales in January 2009? (income_5c)

\title{
Correct value for profits in January 2009 (income_5d)
} File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character
Width: 9

Valid cases: 902
Invalid: 0

\section*{Literal question}

What is the correct value for profits in January 2009? (income_5d)

\title{
Correct value for sales in January 2009 (income_6c) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 28
Format: numeric
Invalid: 885
Width: 4
Minimum: 0
Decimals: 0
Maximum: 4000
Range: 0-4000

\section*{Literal question}

What is the correct value for sales in January 2009? (income_6c)

Correct value for profits in January 2009 (income_6d)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 25
Format: numeric
Invalid: 888
Width: 3
Minimum: 0
Decimals: 0
Maximum: 600
Range: 0-600

\section*{Literal question}

What is the correct value for profits in January 2009? (income_6d)

Verification: percentage change in profits is correct if it is significant (profits_1)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}
(If significant change, PocketSurvey will prompt) You said profits for January 2009 were X, and in the last survey you told us profits for September/October 2008 were Y. Is it correct that your profits have changed this much?

September/October 2008 profits if profits_1==No (profits_2)
File: GhanaRound2Single_la

\section*{September/October 2008 profits if profits_1==No (profits_2)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values.
September/October profits

\section*{January 2009 profits if profits_1==No (profits_3)}

File: GhanaRound2Single_la

\section*{Overview}

\section*{Type: Discrete}

Valid cases: 0
Format: numeric
Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values.
January 2009 profits (profits_3)

Money taken home from other businesses in January (income_12) File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 889
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

You told me earlier that you have other businesses. How much money did you take home from these other businesses in January? Include the money you saved or gave to family and friends. (income_12)

Any free goods or serv. given to non-members of resp.'s household - Jan. 2009 (income_10a)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 661
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

In January 2009, did you give any free goods or services to non-members of your household? (income_10a)

Approximate sale value of the goods and services given for free (GHc) (income_10b)
File: GhanaRound2Single_la

\title{
Approximate sale value of the goods and services given for free (GHc) (income_10b)
}

File: GhanaRound2Single_la
Overview
Type: Continuous

Valid cases: 5
Invalid: 908
Minimum: 5
Maximum: 120

Width: 3
Decimals: 0
Range: 5-120

\section*{Literal question}

What is the approximate sale value of the goods and services given for free (GHc)? (income_10b)

Respondent rents land or rooms ( \(1=\) Yes, \(2=\) No) (income_13a)
File: GhanaRound2Single_la
Overview
\(\begin{array}{ll}\text { Type: Discrete } & \text { Valid cases: } 661 \\ \text { Format: character } & \text { Invalid: } 0 \\ \text { Width: } 2 & \end{array}\)
Literal question
Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a)

Total income made from renting land or rooms in January 2009 (income_13b)
File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 913 \\
Width: 1 & \\
Decimals: 0 &
\end{tabular}

\section*{Literal question}

In January 2009, what was your total income you made from renting land or rooms? (income_13b)
(inventories_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 820
Format: character
Invalid: 0

\title{
Bus. holds products for sale,raw materials,products in production or spare parts (inventories_1)
}

\section*{File: GhanaRound2Single_la}

Type: Discrete Valid cases: 820
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1)

\title{
Total purchase cost of inventories (GHc) (inventories_2) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 906
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

What is the total purchase cost of these goods (GHc)? (inventories_2)

\title{
Value of items on hand to sell (GHc) (inventories_3) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 872
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3)

\title{
Verification: change in inventories holding is correct (inventories 5)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}

You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [ Y ]. [SQ: Note that the number ' \(Y\) ' was looked up correctly to trigger the check, but then referenced wrongly in this question.]
Is is correct that your inventories holding has changed that much? (inventories_5)

\title{
Correct total purchase cost of inventories held at the start of business today (inventories_6) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

\section*{Cash currently hold for the business (inventories_4)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 903
Format: character
Width: 5

\section*{Literal question}

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4)

Verification: change in cash holding is correct (cash_1)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 549
Format: character
Invalid: 0
Width: 22

\section*{Literal question}

You said that your business cash for January 2009 was [X]. In the previous survey, you told us that business cash for [September/October] was [Y]. Is it correct that your cash holding has changed this much? (cash_1)

Correct value of cash currently available (cash_2)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 903
Width: 4
Minimum: 0
Decimals: 0
Maximum: 5000
Range: 0-5000

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2)
(assets stopwatch)
File: GhanaRound2Single_la
(assets_stopwatch)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 820
Format: character
Invalid: 0
Width: 8

\title{
Add. land/buildings/furniture/machines/equip./tools/other assets since Oct/Nov (assets_1)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 820
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since we last interviewed you in October/November? (assets_1)

\section*{Interviewer instructions}
[Enumerator: note, this should not include raw materials and inventories]

Business acquired any land or market space used by the business since Oct/Nov (assets_2a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 745
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [ X ] used by the business since [earlier interview]?
Land or market space

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_2b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 870
Format: character Invalid: 0
Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Land or market space

Purchase cost of land or market space (GHc) (assets_2c)
File: GhanaRound2Single_la

\title{
Purchase cost of land or market space (GHc) (assets_2c) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 2-2000

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Land or market space

\section*{Valid cases: 4}

Invalid: 909
Minimum: 2
Maximum: 2000

Business acquired any kiosk,shed or building used by the business since Oct/Nov (assets_3a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 745
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [X] used by the business since [earlier interview]?
Kiosk, shed or building

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_3b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 855
Format: character
Invalid: 0
Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Kiosk, shed or building

Purchase cost of kiosk,shed or building (GHc) (assets_3c)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 6
Format: numeric
Invalid: 907
Width: 3
Minimum: 10
Decimals: 0
Maximum: 750
Range: 10-750

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Kiosk, shed or building

\title{
Business acquired any furniture and display cases since Oct/Nov (assets 4a) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 745
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did your business acquire any [X] used by the business since [earlier interview]? Furniture and display cases

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_4b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 843
Format: character
Invalid: 0

Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Furniture and display cases

\section*{Purchase cost of furniture and display cases (GHc) (assets_4c)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 7
Format: numeric
Invalid: 906
Width: 3
Minimum: 4
Decimals: 0
Maximum: 240

\section*{Range: 4-240}

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Furniture and display cases

\title{
Business acquired any machines and equipment used by the business since Oct/Nov (assets_5a) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 745
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [X] used by the business since [earlier interview]?
Machines and equipment

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_5b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 873
Format: character
Invalid: 0

\section*{Width: 9}

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Machines and equipment

\title{
Purchase cost of machines and equipment (GHc) (assets_5c) File: GhanaRound2Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 6 \\
Format: numeric & Invalid: 907 \\
Width: 3 & Minimum: 25 \\
Decimals: 0 & Maximum: 700 \\
Range: \(25-700\) &
\end{tabular}

\section*{Literal question}

What is the purchase cost of [x]? (GHC)
Machines and equipment

Business acquired any other equipment, tools and utensils since Oct/Nov (assets 6a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 745
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [X] used by the business since [earlier interview]?
Other equipment, tools and utensils

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets 6b)
File: GhanaRound2Single_la

\section*{Overview}
Type: Discrete Valid cases: 883

Format: character Invalid: 0 Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Other equipment, tools and utensils

\title{
Purchase cost of other equipment, tools and utensils (GHc) (assets 6c) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 3-80

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Other equipment, tools and utensils

Disp. of land/build./furniture/machines/equip./tools/other assets since Oct/Nov (assets_7)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Width: 3

\section*{Literal question}

Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since we last interviewed you in October/November?

\section*{Interviewer instructions}
[Enumerator: note, this should not include raw materials and inventories]
Sold/returned/lost/otherwise disposed of any land or market space since Oct/Nov (assets_8a)

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 807
Format: character
Width: 3
Invalid: 0

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Land or market space

Way of sale, loss or damage (assets_8b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 872
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space

Sale price or value of land or market space (GHc) (assets_8c)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 5
Format: numeric
Invalid: 908
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

\section*{Literal question}

What is the sale price or value of [x]? (GHc)
Land or market space

\section*{Sold/returned/lost/otherwise disposed of kiosk,shed or building since Oct/Nov (assets_9a)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 807
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?]
Kiosk, shed or building

Way of sale, loss or damage (assets_9b)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 887
Format: character
Invalid: 0

\section*{Width: 28}

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building

Sale price or value of kiosk,shed or building (GHc) (assets_9c) File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 911
Width: 3
Minimum: 0
Decimals: 0
Maximum: 756

\section*{Range: 0-756}

\section*{Literal question}

What is the sale price or value of [x]? (GHc)
Kiosk, shed or building

\title{
Sold/returned/lost/otherwise disposed of furnit. and display cases since Oct/Nov (assets_10a)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 807
Format: character
Invalid: 0

\section*{Width: 2}

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Furniture and display cases

\section*{Way of sale, loss or damage (assets_10b) \\ File: GhanaRound2Single_la}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 913
\end{tabular}

Format: numeric
Invalid: 913
Width: 1
Decimals: 0

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases

\section*{Sale price or value of furniture and display cases (GHc) (assets 10c) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

\section*{Literal question}

What is the sale price or value of [ \(x\) ]? (GHc)
Furniture and display cases
since Oct/Nov (assets_11a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 807
Format: character
Width: 3

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since
[the earlier interview?]
Machines and equipment

\title{
Way of sale, loss or damage (assets_11b) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete Valid cases: 897
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment

\title{
Sale price or value of machines and equipment (GHc) (assets_11c) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 3
Format: numeric
Invalid: 910
Width: 3
Minimum: 45
Decimals: 0
Maximum: 700
Range: 45-700

\section*{Literal question}

What is the sale price or value of \([x]\) ? ( GHc )
Machines and equipment

\title{
Sold/returned/lost/otherwise disp. of other equip.,tools, utensils since Oct/Nov (assets 12a) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
```

Valid cases: 807

```

Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Other equipment, tools and utensils

\title{
Way of sale, loss or damage (assets_12b) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 884
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils

Sale price or value of other equipment, tools and utensils (GHc) (assets_12c)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 3
Format: numeric
Invalid: 910
Width: 2
Minimum: 5
Decimals: 0
Maximum: 35
Range: 5-35

\section*{Literal question}

What is the sale price or value of [x]? (GHc)
Other equipment, tools and utensils
(credit_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 820
Format: character
Invalid: 0
Width: 8

Respondent uses susu collector to deposit money (credit_1)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Width: 3

Invalid: 0

\section*{Literal question}

Do you use a susu collector to deposit money? (credit_1)

Average deposit made with the susu collector each day during January 2009 (GHc) (credit_2)
File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 900
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

On average, how much did you deposit with the susu collector each day during January 2009 (GHC)? (credit_2)

Received a new loan from a bank since baseline survey month ( \(1=\) Yes, \(2=\) No) (credit_3)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Received a new loan from a bank since baseline survey month (1=Yes, 2=No) (credit 3)
}

File: GhanaRound2Single_la
Type: Discrete Valid cases: 816
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

\title{
Amount of the loan from bank (credit_4) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 912
Format: character
Invalid: 0
Width: 5

\section*{Pre question}

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)
Literal question
If yes, what was the amount of the loan? (credit_4)

\title{
Received a new loan from a microfinance organization since baseline survey month (credit_5) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 809
Format: character Invalid: 0 Width: 3

\section*{Literal question}

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since [reference baseline survey month]? (credit_5)

\title{
Amount of the loan from microfinance organization (credit_6) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete

\footnotetext{
Valid cases: 902
Invalid: 0
}

Format: character

\section*{Pre question}

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since [reference baseline survey month]? (credit_5)

\section*{Literal question}

If yes, what was the amount of the loan? (credit_6)

\title{
Received new loan from family/friends for business since baseline survey month (credit 7)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 810
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Have you received a new loan from family or friends for the business since [reference baseline survey month]? (credit_7)

\title{
Amount of the loan from family or friends (credit_8) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 22
Format: numeric
Invalid: 891
Width: 4
Minimum: 0
Decimals: 0
Maximum: 2000
Range: 0-2000

\section*{Pre question}

Have you received a new loan from family or friends for the business since [reference baseline survey month]? (credit_7)

\section*{Literal question}

If yes, what was the amount of the loan? (credit_8)
(introduction_stopwatch_3_6)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 819
Format: character
Invalid: 0
Width: 8

\title{
Expected sales in April (two months from now) (expectations_1) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 912
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

Now I am going to ask about what you think your SALES will be in April (two months from now). You said that in January your sales were X. How much do you think they will be in April? (expectations_1)

Lowest amount sales could be for April (expectations_2a)
 File: GhanaRound2Single_la

\section*{Overview}

\title{
Lowest amount sales could be for April (expectations_2a) File: GhanaRound2Single_la
}

\author{
Type: Continuous \\ Valid cases: 806 \\ Format: numeric \\ Invalid: 107 \\ Width: 6 \\ Minimum: 0 \\ Decimals: 0 \\ Maximum: 250000
}

Range: 0-250000

\section*{Literal question}

Now, consider all the reasons why sales may be higher or lower in April. For example, you might have more or less customers than you expected, you may get sick and have to close your business for a few days, you may have difficulty getting raw materials, it may rain a lot, etc. Thinking of such factors:
What is the lowest amount you think sales could be for April? (expectations_2a)

\section*{Highest amount sales could be for April (expectations_2b) File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 806
Format: numeric
Invalid: 107
Width: 6
Minimum: 0
Decimals: 0
Range: 0-260000

\section*{Literal question}

Now, consider all the reasons why sales may be higher or lower in April. For example, you might have more or less customers than you expected, you may get sick and have to close your business for a few days, you may have difficulty getting raw materials, it may rain a lot, etc. Thinking of such factors:
What is the highest amount you think sales could be for April? (expectations_2b)

\section*{Number of beans in bin/range 1 (expectations_ranges_1a) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 736
Format: numeric
Invalid: 177
Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range.
Bin 1: (expectations_ranges_1a)

\section*{Interviewer instructions}

Enumerator: Now mark the ranges on the drawn up grid, and have them physically put the beans in each bin, on the grid sheet. Record how many beans are in each bin.

Number of beans in bin/range 2 (expectations_ranges_1b) File: GhanaRound2Single_la

\section*{Overview}

\title{
Number of beans in bin/range 2 (expectations_ranges_1b) File: GhanaRound2Single_la
}

\author{
Type: Discrete \\ Valid cases: 736 \\ Format: numeric \\ Invalid: 177
}

Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range.
Bin 2: (expectations_ranges_1b)

\section*{Interviewer instructions}

Enumerator: Now mark the ranges on the drawn up grid, and have them physically put the beans in each bin, on the grid sheet. Record how many beans are in each bin.

\section*{Number of beans in bin/range 3 (expectations_ranges_1c) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 736
Format: numeric
Invalid: 177
Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range.
Bin 3: (expectations_ranges_1c)

\section*{Interviewer instructions}

Enumerator: Now mark the ranges on the drawn up grid, and have them physically put the beans in each bin, on the grid sheet. Record how many beans are in each bin.

\section*{Number of beans in bin/range 4 (expectations_ranges_1d) File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-50

Valid cases: 731
Invalid: 182
Minimum: 0
Maximum: 50

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range.
Bin 4: (expectations_ranges_1d)

\section*{Interviewer instructions}

Enumerator: Now mark the ranges on the drawn up grid, and have them physically put the beans in each bin, on the grid sheet. Record how many beans are in each bin.

\title{
Number of beans in bin/range 5 (expectations_ranges_1e) File: GhanaRound2Single_la
}

\section*{Overview}

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

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range.
Bin 5: (expectations_ranges_1e)

\section*{Interviewer instructions}

Enumerator: Now mark the ranges on the drawn up grid, and have them physically put the beans in each bin, on the grid sheet. Record how many beans are in each bin.

\section*{Number of beans in bin/range 6 (expectations_ranges_1f) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 706
Format: numeric
Invalid: 207
Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that your sales will fall in each range in April. Use all 10 beans. If you put 1 bean in a bin, this means you think there is a 10 percent chance your sales will be in this range.
Bin 6: (expectations_ranges_1f)

\section*{Interviewer instructions}

Enumerator: Now mark the ranges on the drawn up grid, and have them physically put the beans in each bin, on the grid sheet. Record how many beans are in each bin.

\section*{Main products sold perishable (spoil within a month) (1=Yes, \(2=\) No) (expectations 3)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0

Valid cases: 723
Invalid: 190

\title{
Frequency of purchase of inventories or raw materials (expectations_4)
}

File: GhanaRound2Single_la
Type: Discrete
Valid cases: 389
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

How often do you purchase inventories or raw materials? (expectations_4)

\title{
Quantity of inventories or raw materials purchased at a time (expectations_5)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 168
Format: numeric
Invalid: 745
Width: 4
Minimum: 0
Decimals: 0
Maximum: 3600
Range: 0-3600

\section*{Literal question}

How much do you purchase at a time when you purchase inventories or raw materials? (expectations_5)

\title{
Able to sell more than usually if purchased an add. GHc 100 in inventories (expectations_6) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 389
Format: character
Invalid: 0
Width: 49

\section*{Literal question}

Suppose you purchased an additional 100 Ghana Cedi in inventories / inputs, that is (XXX from Q11.6+100)
Would you be able to sell more than you usually do during the usual [period from Q11.5] between restocking inventories?
That is, would you have enough customers to be able to sell more?
Able to sell all of the additional inputs/inventory ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) )
(expectations_7)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 384
Format: character
Invalid: 0

\section*{Width: 28}

\section*{Literal question}
(If yes or not sure): I want to ask you how much more you think you would sell during the next [period from Q11.5] if you had an additional 100 GhC in inputs / inventories.
Would you be able to sell all of the additional inputs / inventory in [period from Q11.5]? (expectations_7)

\title{
Quantity of the 100 GhC that will be certainly sold (expectations_8) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 902
Format: character
Invalid: 0
Width: 8

\section*{Literal question}

Out of 100 Ghana cedi of additional inputs, what is the lowest amount you would be able to sell in [period from 6a]on top of what you usually sell? That is, how much of the 100 GhC are you certain you could sell in [period from Q11.5]? L1
(expectations_8)

\title{
Quantity of the 100 GhC that will be certainly sold if things worked out well (expectations_9) \\ File: GhanaRound2Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 139 \\
Format: numeric & Invalid: 774 \\
Width: 3 & Minimum: 4 \\
Decimals: 0 & Maximum: 100 \\
Range: \(4-100\) &
\end{tabular}

\section*{Literal question}
(If c is less than 100 GhC ): Now think optimistically. If things really worked out well, how much of the 100 GhC would you sell in the next [period from Q11.5]? H1 (expectations_9)

\section*{Number of beans in bin/range 1 (expectations_ranges_2a) File: GhanaRound2Single_la}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 131 \\
Format: numeric & Invalid: 782
\end{tabular}

Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 1: (expectations_ranges_2a)

\section*{Interviewer instructions}
[Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

Number of beans in bin/range 2 (expectations_ranges_2b) File: GhanaRound2Single_la

\section*{Overview}

\title{
Number of beans in bin/range 2 (expectations_ranges_2b) File: GhanaRound2Single_la
}

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 2: (expectations_ranges_2b)

\section*{Interviewer instructions}
[Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

\title{
Number of beans in bin/range 3 (expectations_ranges_2c) File: GhanaRound2Single_la
}

\section*{Overview}

\section*{Type: Discrete}

Valid cases: 130
Format: numeric
Invalid: 783
Width: 1
Decimals: 0
Range: 0-7

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 3: (expectations_ranges_2c)

\section*{Interviewer instructions}
[Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

\section*{Number of beans in bin/range 4 (expectations_ranges_2d) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 125
Format: numeric
Invalid: 788
Width: 1
Decimals: 0
Range: 0-9

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 4: (expectations_ranges_2d)

\section*{Interviewer instructions}
[Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

Number of beans in bin/range 5 (expectations_ranges_2e) File: GhanaRound2Single_la

\section*{Overview}

\title{
Number of beans in bin/range 5 (expectations_ranges_2e) File: GhanaRound2Single_la
}

\author{
Type: Discrete \\ Valid cases: 128
}

Format: numeric
Invalid: 785
Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 5: (expectations_ranges_2e)

\section*{Interviewer instructions}
[Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

\section*{Number of beans in bin/range 6 (expectations_ranges_2f) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 121
Format: numeric
Invalid: 792
Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a [period from Q11.5]. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 6: (expectations_ranges_2f)

\section*{Interviewer instructions}
[Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

\title{
Able to sell more if holding an additional 100 Cedis in inventories (expectations_6_1)
}

\section*{File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 664
Invalid: 0

\section*{Literal question}

You said that you currently have XXX GhC of inventories or inputs. Suppose you had an additional 100 Cedi in inventories / inputs, that is ( \(\mathrm{XXX}+100\) ).
Would your sales in the coming month increase? That is, would you have enough customers to be able to sell more?
(expectations_6_1)

\title{
Able to sell all of the additional inputs/inventory in one month (expectations_7_1)
}

File: GhanaRound2Single_la

\title{
Able to sell all of the additional inputs/inventory in one month (expectations_7_1)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 594
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

You said that you currently have XXX GhC of inventories or inputs. Suppose you had an additional 100 Cedi in inventories / inputs, that is ( \(\mathrm{XXX}+100\) ).
Would you be able to sell all of the additional inputs / inventory in one month? (expectations_7_1)

\title{
Amount of the 100 GhC certainly sold in one month (expectations_8_1) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 911
Format: character
Invalid: 0

\section*{Width: 3}

Literal question
Out of 100 Ghana cedi of additional inputs, what is the lowest amount you would be able to sell in one month on top of what you usually sell? That is, how much of the 100 GhC are you certain you could sell in one month? L1 (expectations_8_1)

\section*{Quantity of the 100 GhC that will be certainly sold if things worked out well (expectations_9_1) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 530
Format: numeric
nvalid: 383
Width: 3
Minimum: 4
Decimals: 0
Maximum: 170

\section*{Literal question}
(If c is less than 100 GhC ): Now think optimistically. If things really worked out well, how much of the 100 GhC would you sell in the next month? H1 (expectations_9_1)

Number of beans in bin/range 1 (expectations_ranges_2a_1) File: GhanaRound2Single_la

\section*{Overview}

Invalid: 454

\title{
Number of beans in bin/range 1 (expectations_ranges_2a_1) File: GhanaRound2Single_la
}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 1: (expectations_ranges_2a_1)

\section*{Interviewer instructions}

Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld.
Record how many beans are in each bin.

\section*{Number of beans in bin/range 2 (expectations_ranges_2b_1) File: GhanaRound2Single_la}

\section*{Overview}
```

Type: Discrete
Valid cases: 482
Format: numeric
Invalid: 431

```

Width: 2
Decimals: 0
Range: 0-20

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 2: (expectations_ranges_2b_1)

\section*{Interviewer instructions}

Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld.
Record how many beans are in each bin.

\title{
Number of beans in bin/range 3 (expectations_ranges_2c_1) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 462
Format: numeric
Invalid: 451
Width: 2
Decimals: 0
Range: 0-20

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 3: (expectations_ranges_2c_1)

\section*{Interviewer instructions}

Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

Number of beans in bin/range 4 (expectations_ranges_2d_1) File: GhanaRound2Single_la

\section*{Overview}

\title{
Number of beans in bin/range 4 (expectations_ranges_2d_1) File: GhanaRound2Single_la
}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

Valid cases: 464
Invalid: 449
Minimum: 0
Maximum: 30

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 4: (expectations_ranges_2d_1)

\section*{Interviewer instructions}

Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld. Record how many beans are in each bin.

\section*{Number of beans in bin/range 5 (expectations_ranges_2e_1) File: GhanaRound2Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 465
Format: numeric
Invalid: 448
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100

\section*{Range: 0-100}

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 5: (expectations_ranges_2e_1)

\section*{Interviewer instructions}

Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld.
Record how many beans are in each bin.

\section*{Number of beans in bin/range 6 (expectations_ranges_2f_1) File: GhanaRound2Single_la}

\section*{Overview}

\section*{Type: Discrete}

Valid cases: 473
Format: numeric
Invalid: 440
Width: 2
Decimals: 0
Range: 0-10

\section*{Literal question}

I now would like you to put the beans into these six bins according to how likely you think it is that you would be able to sell goods produced with this amount of raw materials on top of what you already sell in a month. Use all 10 beans. Again each bean represents a 10 percent chance that you think that outcome will occur.
Bin 6: (expectations_ranges_2f_1)

\section*{Interviewer instructions}

Enumerator: again draw up a grid for them to physically put the beans in, using the ranges supplied by the handheld.
Record how many beans are in each bin.

Resp. understood concept of likelihood of change in questions on expectations (expectations_10)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 822
Format: character
Invalid: 0
Width: 25

\section*{Literal question}

For enumerator to record: Did the respondent understand the concept of likelihood of change in these questions on expectations? (expectations_10)
(networks_stopwatch)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 819
Format: character
Invalid: 0
Width: 8

Years living in the neighborhood (networks_1)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 905
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

For how long have you been living in this neighborhood? \(\qquad\) years (networks_1)

Number of relatives living in this neighborhood (networks_2)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 913
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Apart from the members of your household, how many relatives of yours live in this neighborhood? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] [Interviewer: note relatives includes in-laws, and should include anyone considered a relative by the respondent] (networks_2)

Number of relatives holding positions of authority in the community (networks_3)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Number of relatives holding positions of authority in the community (networks_3)
}

File: GhanaRound2Single_la
Type: Discrete
Valid cases: 890
Format: character
Invalid: 0

\section*{Width: 16}

\section*{Literal question}
[If not zero] How many of them hold positions of authority in the community (e.g. chief, religious leader, local government, community organization)? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] (networks_3)

\title{
Number of people from neighborhood resp. chats with about the day events (networks_4) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-50

Valid cases: 746
Invalid: 167
Minimum: 0
Maximum: 50

\section*{Literal question}

Apart from the members of your household, with how many people from your neighborhood do you chat about the day events? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] (networks_4)

\title{
Number of people in networks_4 holding positions of authority in the community (networks_5) \\ File: GhanaRound2Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 911 \\
Format: character & Invalid: 0
\end{tabular}

Width: 2

\section*{Literal question}
[If not zero] How many of them hold positions of authority in the community (e.g. chief, religious leader, local government, community organization)? [Interviewer: write the number below; if the respondent is not sure, probe for an approximation.] (networks_5)
(introduction_stopwatch_388)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 819
Format: character
Invalid: 0
Width: 8

Occupation: Construction socially accepted for women (norms_1a) File: GhanaRound2Single_la

\title{
Occupation: Construction socially accepted for women (norms_1a) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 816
Format: character
Invalid: 0
Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\title{
Occupation: Construction socially accepted for men (norms_1b) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 792
Format: character
Invalid: 0
Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

Occupation: Chop shop socially accepted for women (norms_2a) File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 818
Format: character
Invalid: 0
Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\section*{Occupation: Chop shop socially accepted for men (norms_2b) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 791
Format: character
Invalid: 0

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

Occupation: Sewing socially accepted for women (norms_3a) File: GhanaRound2Single_la

\section*{Overview}

\title{
Occupation: Sewing socially accepted for women (norms_3a) File: GhanaRound2Single_la
}

Type: Discrete
Format: character
Width: 21

Valid cases: 813
Invalid: 0

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\section*{Occupation: Sewing socially accepted for men (norms_3b) File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete Valid cases: 790
Format: character
Invalid: 0
Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\title{
Occupation: Street vendor of food socially accepted for women (norms 4a)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 817
Format: character
Invalid: 0
Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\section*{Occupation: Street vendor of food socially accepted for men (norms 4b) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 794
Format: character
Invalid: 0

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

Occupation: Hair and beauty shop socially accepted for women (norms_5a)
File: GhanaRound2Single_la

\title{
Occupation: Hair and beauty shop socially accepted for women (norms 5a)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Format: character
Width: 21

Valid cases: 819
Invalid: 0

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\section*{Occupation: Hair and beauty shop socially accepted for men (norms 5b)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 808
Format: character
Invalid: 0
Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\section*{Occupation: Market trader socially accepted for women (norms_6a) File: GhanaRound2Single_la \\ Overview \\ Type: Discrete \\ Valid cases: 815 \\ Format: character \\ Invalid: 0}

Width: 21

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\title{
Occupation: Market trader socially accepted for men (norms_6b) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 800
Format: character
Invalid: 0

\section*{Literal question}

Which of the following occupations do you believe it is socially accepted for a woman to work in? Which are socially accepted for a man to work in?

\section*{Whenever resp. has money on hand, spouse/other family members request some of it (norms_7) \\ File: GhanaRound2Single_la \\ Overview \\ Type: Discrete \\ Format: character \\ Width: 26 \\ Valid cases: 818 \\ Invalid: 0}

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
Whenever I have money on hand, my spouse or other family members always end up requesting some of it. (norms_7)

\title{
People doing well in bus. are likely to receive add. requests from fam./friends (norms 8)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 818
Format: character
Invalid: 0

\section*{Width: 26}

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
People who do well in their business here are likely to receive additional requests from family and friends for money to help out with some expense or another. (norms_8)

Mach./equip. held in bus. are a good way of saving money so others don't take it (norms_9)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 817
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
Machines and equipment held in my business are a good way of saving money so that others don't take it. (norms_9)

Male bus. owners are more likely to be granted a loan from a bank than female (norms_10)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 817
Format: character
Invalid: 0

\section*{Width: 26}

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
Male business owners are more likely to be granted a loan from a bank than female business owners. (norms_10)

In my industry, customers prefer to deal with male-run businesses than female (norms 11)
File: GhanaRound2Sisingle_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Width: 26
Invalid: 0

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
In my industry, customers prefer to deal with male-run businesses than female-run businesses. (norms_11)

Importance of business income for household income (norms_12)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
Without the income earned in my business, my household would have a hard time having enough money to buy food.
(norms_12)

Major reason for doing this type of business: get out of home and
chat w friends (norms_13) File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Invalid: 0
Width: 26

\section*{Literal question}

How strongly do you agree or disagree with the following statements:
The chance to get out of the home and talk with friends while working is one of the most important reasons for doing this type of business. (norms_13)
(introduction_stopwatch_3_9)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Invalid: 0
Width: 8

Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a)
File: GhanaRound2Single_la

\section*{Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) \\ File: GhanaRound2Single_la \\ Overview \\ Type: Discrete \\ Format: character \\ Width: 11 \\ Valid cases: 913 \\ Invalid: 0}

\section*{Literal question}

Last week:
How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a)

\title{
Last WEEK'S household expenditure on: Food and drink consumed outside the home (household_2b) File: GhanaRound2Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-244

Valid cases: 746
Invalid: 167
Minimum: 0
Maximum: 244

\section*{Literal question}

Last week:
How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b)
Last MONTH's household expenditures on: Housing (household_3a)
File: GhanaRound2Single_la
Overview

Type: Discrete
Format: character Width: 23

Valid cases: 913
Invalid: 0

\section*{Literal question}

How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a)

\title{
Last MONTH's household expenditures on: Fuel and Light (household 3b)
}

\section*{File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 913
Format: character
Invalid: 0

\section*{Width: 11}

\section*{Literal question}

How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b)

\section*{Last MONTH's household expenditures on: Non-durable household goods (household_3c)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 908
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c)

\title{
Last MONTH's household expenditures on: Communication (household_3d)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete Valid cases: 913
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal)

\title{
Last MONTH's household expenditures on: Recreation and entertainment (household 3e)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 902
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery)

\title{
Last MONTH's household expenditures on: Transport (household_3f)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 572
Invalid: 341
Minimum: 0
Maximum: 150

\section*{Literal question}

How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees)

\title{
Last MONTH's household expenditures on: Household services (household 3g)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

Valid cases: 561
Invalid: 352
Minimum: 0
Maximum: 200

\section*{Literal question}

How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g)

\section*{Last MONTH's household expenditures on: Personal care services (household 3h)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 913
Format: character
Invalid: 0

\section*{Literal question}

How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h)

Last MONTH's household expenditures on: Contributions to associations (household 3i)
File: GhanaRound2Single_la

\section*{Overview}
\begin{tabular}{|c|c|}
\hline Type: Continuous & Valid cases: 712 \\
\hline Format: numeric & Invalid: 201 \\
\hline Width: 4 & Minimum: 0 \\
\hline Decimals: 0 & Maximum: 5200 \\
\hline Range: 0-5200 & \\
\hline Literal question & \\
\hline How much did you (GHc)? (household & Contributions to \\
\hline
\end{tabular}

Over past THREE MONTHS household expenditures on: Clothing and textiles (household 4a)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous

\title{
Over past THREE MONTHS household expenditures on: Clothing and textiles (household 4a)
}

File: GhanaRound2Single_la
Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a)

\title{
Over past THREE MONTHS household expenditures on: Footwear (household_4b)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 908
Format: character
Invalid: 0
Width: 11

\section*{Literal question \\ Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household 4b)}

\title{
Over past THREE MONTHS household expenditures on: \\ Funerals,weddings,ceremonies (household_4c) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 912
Format: character
Width: 4
Invalid: 0

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHC)? (household_4c)

Over past THREE MONTHS household expenditures on:
Electronic goods (household_4d)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 574
Format: numeric
Invalid: 339
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d)

Over past THREE MONTHS household expenditures on:
Household furnishings (household_4e)
File: GhanaRound2Single_la

\title{
Over past THREE MONTHS household expenditures on: \\ Household furnishings (household_4e) \\ File: GhanaRound2Single_la
}

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-120

\section*{Valid cases: 566}

Invalid: 347
Minimum: 0
Maximum: 120

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e)

\section*{Over past THREE MONTHS household expenditures on:}

Household appliances (household_4f)
File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 562
Format: numeric
Invalid: 351
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f)

\section*{Over past THREE MONTHS household expenditures on: Vehicles (household_4g)}

File: GhanaRound2Single_la

\section*{Overview}

Type: Continuous
Valid cases: 565
Format: numeric
Invalid: 348
Width: 3
Minimum: 0
Decimals: 0
Maximum: 140
Range: 0-140

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)?
(household_4g)

Over past THREE MONTHS household expenditures on: Health expenses (household_4h)
File: GhanaRound2Single_la

\section*{Overview}

\title{
Over past THREE MONTHS household expenditures on: Health expenses (household_4h)
}

File: GhanaRound2Single_la
Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h)

\section*{Over past THREE MONTHS household expenditures on: \\ Education (household_4i) \\ File: GhanaRound2Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 913
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i)
(introduction_stopwatch_3_10)
File: GhanaRound2Single_la
Overview
Type: Discrete Valid cases: 814
Format: character Invalid: 0
Width: 8
(introduction_stopwatch_3_11)
File: GhanaRound2Single_la

\section*{Overview}

Respondent has been told yet about lottery (impressions_0)
File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 818
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Has the respondent been told yet about the lottery? (impressions_0)

\title{
Person(s) other than the enterprise owner present during the interview (impressions_1)
}

File: GhanaRound2Single_la
Overview
Type: Discrete
Valid cases: 818
Format: character
Width: 165

\section*{Literal question}

Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist)

\title{
Interviewer's impression of how well the respondent understood the questions (impressions_2)
}

File: GhanaRound2Single_la

\section*{Overview}

Type: Discrete
Valid cases: 818
Format: character
Invalid: 0

\section*{Literal question}

What is your impression of how well the respondent understood the questions being asked? (impressions_2)

\title{
Interviewer's impression of seriousness with which the resp. answered questions (impressions \\ 3) \\ File: GhanaRound2Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 817
Format: character
Width: 16
Invalid: 0

\section*{Literal question}

What is your impression of the seriousness with which the respondent answered questions? (impressions_3)

Interviewer's impression of preciseness with which questions were answered (impressions_4) File: GhanaRound2Single_la

\section*{Overview}
```

Type: Discrete
Valid cases: 818
Format: character
Invalid: 0

## Literal question

```
What is your overall impression of the preciseness with which questions were answered? (impressions_4)
```


# Most difficult or troubling sections for the respondent (impressions 5) 

File: GhanaRound2Single_la

## Overview

Type: Discrete
Format: character
Width: 71

Valid cases: 818
Invalid: 0

## Literal question

Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark)
Most difficult or troubling sections for the interviewer (impressions_6)
File: GhanaRound2Single_la
Overview
Type: Discrete Valid cases: 818

Format: character
Invalid: 0

## Literal question

Which sections were most difficult or troubling for you? (impressions_6) (ticklist)

Sections that interested the respondents the most (impressions_7) File: GhanaRound2Single_la

## Overview

Type: Discrete
Valid cases: 818
Format: character
Width: 101

Literal question<br>Which sections interested the respondents the most? (impressions_7) (ticklist)

# Most difficult or troubling questions for the respondent (impressions_8) <br> File: GhanaRound2Single_la 

## Overview

Type: Discrete
Valid cases: 813
Format: character
Invalid: 0

## Literal question

Which questions were most difficult or troubling for the respondent? (impressions_8)

Most difficult or troubling questions for the interviewer (impressions_9)
File: GhanaRound2Single_la

# Most difficult or troubling questions for the interviewer (impressions 9) <br> File: GhanaRound2Single_la 

Overview
Type: Discrete
Valid cases: 833
Format: character
Width: 14
Invalid: 0

## Literal question

Which questions were most difficult or troubling for you? (impressions_9)

# Questions that interested the respondents the most (impressions_10) <br> File: GhanaRound2Single_la 

## Overview

Type: Discrete
Valid cases: 821
Format: character
Invalid: 0
Width: 48

## Literal question

Which questions interested the respondents the most? (impressions_10)

# (SingleMultipleMerge) <br> File: GhanaRound2Single_la 

## Overview

Type: Discrete
Valid cases: 913
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 2-3

# Working in the same line of business as last October/November ( $1=$ Yes, $2=$ No) (introduction_9) <br> File: GhanaRound2Single_la 

## Overview

Type: Discrete
Valid cases: 839
Format: character
Invalid: 0 Width: 3

[^3]R2 Int (tracking_r2int)
File: GhanaRound2Single_la

## Overview

Type: Discrete Valid cases: 838
Format: numeric
Invalid: 75
Width: 1
Decimals: 0
Range: 1-1

Attrition (tracking_attrition)
File: GhanaRound2Single_la

## Overview

Type: Discrete
Valid cases: 59
Format: numeric
Invalid: 854
Width: 1
Decimals: 0
Range: 1-1

Explanation/Comments (tracking_explanationcomments)
File: GhanaRound2Single_la

## Overview

Type: Discrete
Valid cases: 93
Format: character
Width: 162

Refusal (tracking_refusal)
File: GhanaRound2Single_la

## Overview

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 904
Width: 1
Decimals: 0
Range: 1-1
to interview) (tracking_notselfemployed)
File: GhanaRound2Single_la

## Overview

Type: Discrete
Valid cases: 11
Format: numeric
Invalid: 902
Width: 1
Decimals: 0
Range: 1-1

Ineligible (at baseline) (tracking_ineligibleatbaseline)
File: GhanaRound2Single_la

# Ineligible (at baseline) (tracking_ineligibleatbaseline) <br> File: GhanaRound2Single_la <br> Overview 

Type: Discrete
Valid cases: 2
Format: numeric
Invalid: 911
Width: 1
Decimals: 0
Range: 1-1

Firm identification number (SHENO)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 859
Format: character
Invalid: 0
Width: 9

Question Number (questionnumber)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 0

Format: numeric
Width: 1
Decimals: 0

Instance (instance)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

Question heading (questionheading)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

Answer (answer)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

BaselineMonth (baselinemonth)
File: GhanaRound3Single_la

## Overview

# BaselineMonth (baselinemonth) 

File: GhanaRound3Single_la
Type: Discrete Valid cases: 852
Format: character
Invalid: 0

# BaselineMonthLessOne (baselinemonthlessone) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Format: character Width: 7

Valid cases: 853
Invalid: 0

Start time of interview (questionnaire_starttime)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 851
Format: character Invalid: 0

Date of interview (questionnaire_date)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 851
Format: character
Invalid: 0
Width: 10
(introduction_stopwatch)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 851
Format: character
Invalid: 0

Interviewer was able to find the owner ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_1)
File: GhanaRound3Single_la

## Overview

## Literal question

Interviewer: Were you able to find the owner? (introduction_1)

Owner agreed to be interviewed again ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_2)
File: GhanaRound3Single_la
Overview

| Type: Discrete | Valid cases: 817 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 3 |  |

## Literal question

Interviewer: Did the owner agree to be interviewed again? (introduction_2)

# Owner still operates the business (attrition_2) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 49

## Literal question

Does the owner still operate the business? (attrition_2)

# Business still seems to be operating in the same location as before (attrition_3) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

## Literal question

Does the business still seem to be operating in the same location as before? (attrition_3)

# Place of interview (introduction_3) <br> File: GhanaRound3Single_la 

## Overview

Valid cases: 814
Format: character
Invalid: 0

## Literal question

Where is the interview taking place? (introduction_3)

Household is living in at same address as in previous round ( $1=$ Yes, $2=$ No) (introduction_4)
File: GhanaRound3Single_la

## Overview

Household is living in at same address as in previous round ( $1=$ Yes, $2=$ No) (introduction_4)
File: GhanaRound3Single_la
Type: Discrete
Format: character
Valid cases: 819
Width: 3
Invalid: 0

## Literal question

In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4)

## Respondent still owns and operates a business (1=Yes, $2=\mathrm{No}$ ) (introduction_6)

File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 817
Format: character Invalid: 0
Width: 3

## Literal question

Do you still own and operate a business? (introduction_6)

Respondent is still working in the same location as in Feb. 2009 ( $1=$ Yes, $2=\mathrm{No}$ ) (introduction 7)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 804
Format: character
Invalid: 0
Width: 3

## Literal question

Are you still working in the same location as you were working in when we interviewed you in February? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7)

Working in the same line of business as last February ( $1=$ Yes, $2=\mathrm{No}$ ) (introduction_9)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 803
Format: character
Invalid: 0
Width: 3

## Literal question

Are you working in the same line of business as when we interviewed you last February? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9)

What happened to the business previously ran? (introduction_10) File: GhanaRound3Single_la

# What happened to the business previously ran? (introduction_10) File: GhanaRound3Single_la 

Overview

Type: Discrete Valid cases: 728
Format: character
Invalid: 0
Width: 54

## Literal question

What happened to the business you previously ran? (introduction_10)

# Main activity now (introduction_11) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 714
Format: character
Invalid: 0
Width: 30

## Literal question

What is your main activity now? (introduction_11) (specify) $\qquad$
Interviewer instructions
(Interview: Survey will end if they no longer operate a business.)

New line of business activity (introduction_12)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 814
Format: character
Invalid: 0
Width: 29

## Literal question

You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12)

## Verification: Really a new line of business (introduction_13) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 814
Format: character
Invalid: 0

## Literal question

Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13)

Respondent owns the land or market space used by the business
(1=yes, $2=n o$ ) (balance_8a)
File: GhanaRound3Single_la

## Overview

Respondent owns the land or market space used by the business (1=yes, $2=n o$ ) (balance_8a)
File: GhanaRound3Single_la
Type: Discrete Valid cases: 814
Format: character
Invalid: 0
Width: 3

## Literal question

Do you currently own the land or market space used by the business? (balance_8a)

# Year when land or market space was purchased (balance_8b) File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 846
Format: character Width: 11

Invalid: 0

## Literal question

In what year did you purchase the land or market space? (balance_8b)

Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 1
Format: numeric
Invalid: 858
Width: 4
Decimals: 0
Range: 1500-1500

## Literal question

How much would you pay to purchase the same land and market space today (GHc)? (balance_8c)

Business has any kiosk/shed/building ( $1=y e s, 2=n o$ ) (balance_9a) File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 814
Format: character
Invalid: 0
Width: 3

## Literal question

Does your business currently have any kiosk/shed/building? (balance_9a)

Ownership of the kiosk/shed/building (balance_9b)
File: GhanaRound3Single_la

## Overview

# Ownership of the kiosk/shed/building (balance_9b) <br> File: GhanaRound3Single_la <br> Ownership of the kiosk/shed/building: (balance_9b) 

Replacement value of kiosk/shed/building (GHc) (balance_9c)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 857
Width: 3
Minimum: 70
Decimals: 0
Maximum: 210
Range: 70-210

## Literal question

If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c)

Business has any furniture or display cases ( $1=\mathrm{Yes}, 2=\mathrm{No}$ )
(balance_10a)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 814
Format: character
Width: 3
Invalid: 0

## Literal question

Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a)

Number of different types of furniture or display cases
(balance_10b)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 2
Format: numeric
Invalid: 857
Width: 1
Decimals: 0
Range: 1-2

## Literal question

How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b)

# Ownership of FIRST furniture or display cases (balance_10c) File: GhanaRound3Single_la 

## Overview

| Type: Discrete | Valid cases: 848 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 5 |  |
| Literal question |  |
| FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c) |  |

```
Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaRound3Single_la
Overview
Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 10-35
```


## Literal question

```
FIRST FURNITURE or DISPLAY CASES:
If you had to replace, what would the replacement be for all of the items owned \((\mathrm{GHC})\) ?
```


## Ownership of SECOND furniture or display cases (balance_10e)

 File: GhanaRound3Single_la
## Overview

Type: Discrete
Valid cases: 852
Format: character
Width: 5

## Literal question

SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e)
Replacement value of SECOND furniture or display cases (GHc) (balance_10f)
File: GhanaRound3Single_la
Overview

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

## Literal question

SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHC)?
Ownership of THIRD furniture or display cases (balance_10g) File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 1
Invalid: 858(GHC)?
Format: numeric
Valid cases: 0Width: 1
Decimals: 0
Literal question
THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g)

# Replacement value of THIRD furniture or display cases (GHc) (balance_10h) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

# Ownership of FOURTH furniture or display cases (balance_10i) File: GhanaRound3Single_la 

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 859 |
| Width: 1 |  |
| Decimals: 0 |  |

Decimals: 0

## Literal question

FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i)

## Replacement value of FOURTH furniture or display cases (GHc) (balance_10j) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

Business has any machines or equipment? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_11a)
File: GhanaRound3Single_la

## Overview

| Type: Discrete | Valid cases: 814 |
| :--- | :--- |
| Format: character | Invalid: 0 | Width: 3

## Literal question

Does your business currently have any MACHINES or EQUIPMENT? (balance_11a)

Number of different types of machine/equipment (balance_11b) File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 2
Format: numeric Invalid: 857
Width: 1
Decimals: 0
Range: 1-3

## Literal question

How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b)

Ownership of FIRST machine/equipment (options: owned, rented, borrowed) (balance_11c)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character Width: 5

## Literal question

FIRST MACHINE/EQUIPMENT: Ownership (balance_11c)

Replacement value of FIRST machine/equipment (GHc) (balance_11d)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 857
Width: 3
Minimum: 18
Decimals: 0
Range: 18-500

Valid cases: 839
Invalid: 0

## Literal question

FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d)

Ownership of SECOND machine/equipment (options: owned, rented, borrowed) (balance_11e)
File: GhanaRound3Single_la

## Overview

Type: Discrete

```
Valid cases: 852
```

Format: character
Width: 5
Invalid: 0

## Literal question

SECOND MACHINE/EQUIPMENT: Ownership (balance_11e)

## Interviewer instructions

Skip if only 1 machines and equipment

# Replacement value of SECOND machine/equipment (GHc) (balance_11f) 

File: GhanaRound3Single_la

## Overview

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

## Literal question

SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f)

Ownership of machine/equipment (options: owned, rented, borrowed) (balance_11g)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 852
Format: character Width: 5
Literal question
THIRD MACHINE/EQUIPMENT: Ownership (balance_11g)

## Interviewer instructions

Skip if 2 or less types of machinery and equipment

Replacement value of THIRD machine/equipment (GHc) (balance_11h)
File: GhanaRound3Single_la
Overview

| Type: Discrete | Valid cases: 1 |
| :--- | :--- |
| Format: numeric | Invalid: 858 |
| Width: 1 |  |
| Decimals: 0 |  |
| Range: $0-0$ |  |

## Literal question

THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11h)

# Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance_11i) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

FOURTH MACHINE/EQUIPMENT: Ownership (balance_11i)

# Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance 11i) 

File: GhanaRound3Single_la
Interviewer instructions
Skip if 3 or less types of machinery and equipment

# Replacement value of FOURTH machine/equipment (GHc) (balance_11j) <br> File: GhanaRound3Single_la 

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 859 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j) |  |

# Business currently has any other equipment, tools, and utensils ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_12a) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 814
Format: character
Invalid: 0
Width: 3
Literal question
Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

Number of different types of other equipment, tools or utensils (balance_12b)
File: GhanaRound3Single_la

## Overview

| Type: Discrete | Valid cases: 2 |
| :--- | :--- |
| Format: numeric | Invalid: 857 |
| Width: 1 |  |
| Decimals: 0 |  |
| Range: $1-1$ |  |

## Pre question

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

## Literal question

If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b)

```
Ownership of FIRST other equipment, tools or utensils
(balance_12c)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 850
Format: character
Invalid: 0
Width: 5
```


## Literal question

```
FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c)
```


# Replacement cost of FIRST other equipment, tools or utensils (GHc) (balance_12d) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 857
Width: 2
Minimum: 13
Decimals: 0
Range: 13-40

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d)

## Ownership of SECOND other equipment, tools or utensils (balance_12e) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e)

## Interviewer instructions

Skip if only one type of types of other equipment, tools, or utensils

Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f)
File: GhanaRound3Single_la

## Overview

Type: Discrete Format: numeric Width: 1 Decimals: 0

Valid cases: 0
Invalid: 859
Literal question

# Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f) 

File: GhanaRound3Single_la
SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f)

## Ownership of THIRD other equipment, tools or utensils (balance_12g) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g)

## Interviewer instructions

Skip if two or less types of other equipment, tools, or utensils

# Replacement cost of THIRD other equipment, tools or utensils (GHc) (balance_12h) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h)

## Ownership of FOURTH other equipment, tools or utensils (balance_12i)

File: GhanaRound3Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 859 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i)

## Interviewer instructions

Skip if 3 or less types of other equipment, tools, or utensils

# Replacement cost of FOURTH other equipment, tools or utensils (GHc) (balance_12j) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)?
(balance_12j)

## Automatic sum of assets, excluding land, buildings and market space (balance_13a)

File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 7 |
| :--- | :--- |
| Format: numeric | Invalid: 852 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 |  |
| Range: $0-500$ |  |

## Literal question

PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space.

Verification: accuracy of 'balance_13a' (balance_13b)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 814
Format: character
Invalid: 0

Valid cases: 0
Invalid: 859

Width: 8

## Literal question

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

What has been missed or double-counted? (balance_13c)
File: GhanaRound3Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 859 |

Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Pre question

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

## Literal question

What have we missed or double-counted? (balance_13c)

# Estimate:total replacement cost of assets(excl. land, buildings or market space) (balance 13d) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d)

Bus. holds products for sale,raw materials, products in production or spare parts (balance_14a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 814
Format: character
Invalid: 0

## Width: 3

## Literal question

When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a)

## Total purchase cost of stocks and inventories (GHc) (balance_14b) File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Valid cases: 5
Invalid: 854
Decimals: 0
Range: 12-300

## Pre question

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)

## Literal question

What is the total purchase cost of these goods (GHc)? (balance_14b)

Value of items on hand to sell (GHc) (balance_14c)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 0

Format: numeric
Invalid: 859
Width: 1
Decimals: 0

## Literal question

You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c)

# Cash for business (Includes cash held at home, at the bank or with a susu) (balance_14d) 

File: GhanaRound3Single_la

## Overview

Type: Continuous

## Valid cases: 7

Format: numeric
Invalid: 852
Width: 3
Minimum: 0
Decimals: 0
Maximum: 500
Range: 0-500

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (balance_14d)
(hours_stopwatch)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 804
Format: character
Invalid: 0
Width: 8

# Days spent working in the business - LAST week (business_6a) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 666
Format: numeric
Invalid: 193
Width: 2
Decimals: 0
Range: 0-11

## Literal question

How many hours a week do you personally spend working in the business?
Days worked

Hours spent working in the business per day - LAST week (business_6b)

## File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 694
Format: numeric
Invalid: 165
Width: 2
Minimum: 0
Decimals: 0
Range: 0-60

## Literal question

How many hours a week do you personally spend working in the business?
Hours per day

# Total hours spent working in the business - LAST week (business_6c) <br> File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-126

## Valid cases: 723

Invalid: 136
Minimum: 0
Maximum: 126

## Literal question

How many hours a week do you personally spend working in the business?
Total hours (Number of days * Hours per day)

# Days spent working full effort in the business - FULL EFFORT LAST WEEK (business_8a) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-60

## Valid cases: 660

Invalid: 199
Minimum: 0
Maximum: 60

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Days worked

## Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b) <br> File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 686 <br> Format: numeric |
| :--- | :--- |
| Invalid: 173  <br> Width: 2 Minimum: 0 <br> Decimals: 0 Maximum: 45 <br> Range: $0-45$  <br> Literal question  <br> In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends,  <br> doing housework, etc.  <br> FULL EFFORT LAST WEEK:  <br> Hours of full effort per day  |  |

Total hours of full effort - FULL EFFORT LAST WEEK (business_8c)
File: GhanaRound3Single_la

## Overview

# Total hours of full effort - FULL EFFORT LAST WEEK (business_8c) <br> File: GhanaRound3Single_la <br> Type: Continuous <br> Format: numeric <br> Width: 3 <br> Decimals: 0 <br> Range: 0-126 <br> Invalid: 138 <br> Minimum: 0 <br> Maximum: 126 <br> <br> \section*{Valid cases: 721} <br> <br> \section*{Valid cases: 721} <br> <br> Literal question <br> <br> Literal question <br> In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc. <br> FULL EFFORT LAST WEEK: <br> Total hours (Number of days * Hours per day) 

# Apart from respondent, any other unpaid or paid workers in the business (otherworkers_1) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 803
Format: character
Width: 3
Invalid: 0

## Literal question

Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1)

Hours in total household members apart from resp. worked in business last week (otherworkers_2)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 856
Format: character
Invalid: 0
Width: 11

## Literal question

How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2)

Number of hours in total apprentices worked in the business (otherworkers_3)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 856
Format: character
Width: 5
Invalid: 0

## Literal question

How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3)

Number of hours in total non-household paid employees worked in the business (otherworkers_4)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 858
Format: character
Invalid: 0

## Width: 5

## Literal question

How many hours in total did non-household paid employees work in the business?

Number of days business was not operating in April 2009 (business_11)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 859
Format: character
Invalid: 0
Width: 7

## Literal question

For how many days was your business NOT operating in April 2009? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11)

## Interviewer instructions

If none, skip over questions about business closure.

Number of days business was closed because respondent was ill (business_12a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 849
Format: character
Width: 39
Invalid: 0

## Literal question

For how many days was the business closed because you were ill? (business_12a)

Number of days business was closed because someone else was ill (business_12b)
File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 216 |
| :--- | :--- |
| Format: numeric | Invalid: 643 |
| Width: 2 | Minimum: 0 |
| Decimals: 0 |  |
| Range: $0-30$ |  |
| Literal question |  |
| For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b) |  |

Number of days business was closed because of other family or community events (business_12c)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 213
Format: numeric
Invalid: 646
Width: 2
Minimum: 0
Maximum: 30
Decimals: 0

Range: 0-30

## Literal question

For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c)
(expenses_stopwatch)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character
Width: 8

Valid cases: 803
Invalid: 0

# Purchase of raw materials and items for resale - Monthly expenses for April 2009 (income_3a) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 793
Format: numeric
Invalid: 66
Width: 5
Minimum: 0
Decimals: 0
Range: 0-78000

## Literal question

Purchase of raw materials and items for resale: (income_3a)

Purchase of electricity, water, gas and fuel - Monthly expenses for April 2009 (income_3b)
File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 749 |
| :--- | :--- |
| Format: numeric | Invalid: 110 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 728 |
| Range: $0-728$ |  |
| Literal question |  |
| Purchase of electricity, water, gas and fuel: (income_3b) |  |

Payments to employees and apprentices - Monthly expenses for April 2009 (income_3c) File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 859
Format: character
Width: 30
Invalid: 0

## Literal question

Payments to employees and apprentices: (income_3c)

Expenditure on telephone and cellphone airtime - Monthly expenses for April 2009 (income_3d)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 708
Format: numeric
Invalid: 151
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

Expenditure on telephone and cellphone airtime: (income_3d)

Maintenance, repair, and transportation - Monthly expenses for April 2009 (income_3e)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-800

Valid cases: 732
Invalid: 127
Minimum: 0
Maximum: 800

## Literal question

Maintenance, repair, and transportation: (income_3e)

Rent of machinery and equipment - Monthly expenses for April 2009 (income_3f)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-310

## Literal question

Rent of machinery and equipment: (income_3f)

## Valid cases: 613

Invalid: 246
Minimum: 0
Maximum: 310

# Interest paid on loans (in GHc,not percentage terms) - Monthly exp. for Apr. 2009 (income 3g) 

File: GhanaRound3Single_la
Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

Valid cases: 588
Invalid: 271
Minimum: 0
Maximum: 200

## Literal question

Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g)

Gifts, tips and bribes given to government officials - Monthly exp. for Apr. 2009 (income_3h)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-75

Valid cases: 604
Invalid: 255
Minimum: 0
Maximum: 75

## Literal question

Gifts, tips and bribes given to government officials: (income_3h)

Sum of total monthly expenses (income_3i)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 859

Format: character
Width: 38

## Literal question

Automatically sum the total monthly expenses (income_3i)

Verification: Sum of the expenses just listed for last month was accurate (income_3j)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 802
Format: character
Invalid: 0
Width: 3

## Literal question

The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j)

# Estimate of total of expenses for the last month (income_3k) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 100-1100

## Literal question

What do you estimate to be the total of these expenses for the last month? (income_3k)
(sales_stopwatch)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 802
Format: character
Width: 8

# Total monthly sales of the business (Incl. sales of services) GHcApril 2009 (income_2a) <br> File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-80000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For January 2009 (GHc) (income_2a)

# Total monthly sales of the business (Incl. sales of services) GHcMarch 2009 (income_2b) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 799
Format: numeric
Invalid: 60
Width: 5
Minimum: 0
Decimals: 0
Range: 0-78000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For March 2009 (GHc) (income_2b)

# Total monthly sales of the business (Incl. sales of services) GHcFebruary 2009 (income_2c) <br> File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-75000

Valid cases: 799
Invalid: 60
Minimum: 0
Maximum: 75000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For February 2009 (GHc) (income_2c)

## (percentage_sales) <br> File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 765
Format: numeric
Invalid: 94
Width: 4
Minimum: -1
Decimals: 0
Maximum: 5200
Range: -1-5200
(neg_percentage_sales)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 765
Format: numeric
Invalid: 94
Width: 6
Minimum: - 15600
Decimals: 0
Maximum: 3
Range: -15600-3
(change_sales_sq)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 857
Format: character
Invalid: 0
Width: 16

## Verification: Substantial percentage change in sales is correct (sales 1)

File: ḠhanaRound3Single_la

## Overview

# Verification: Substantial percentage change in sales is correct (sales 1) 

File: GhanaRound3Single_la

Literal question
You said sales for April 2009 were X, and in the last survey you told us sales for January 2009 were Y. Is it correct that your sales have changed this much? (sales_1)

# January 2009 sales if sales_1==No (sales_2) <br> File: GhanaRound3Single_la 

## Overview

```
Type: Continuous Valid cases: 17
Format: numeric Invalid: 842
Width: }
Decimals: 0
```

Invalid: 842
Minimum: 70
Maximum: 2500
Range: 70-2500

## Pre question

You said sales for January 2009 were X, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were?
January 2009

# April 2009 sales if sales_1==No (sales_3) File: GhanaRound3Single_la 

## Overview

| Type: Continuous | Valid cases: 20 |
| :--- | :--- |
| Format: numeric | Invalid: 839 |
| Width: 4 | Minimum: 80 |
| Decimals: 0 | Maximum: 6400 |
| Range: $80-6400$ |  |

## Pre question

You said sales for January 2009 were X, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were?
April 2009

## (product_stopwatch) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character Width: 8

Valid cases: 802
Invalid: 0

# Most important product or service sold still same as in Round 2 (product 1) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 50

## Literal question

In the last survey, you told us that the most important product or service you sold was [ x ]. Is this still your most important product or service? (product_1)

## Repeat if blank. (repeatifblank)

File: GhanaRound3Single_la

## Overview

Format: numeric
Invalid: 859
Width: 1
Decimals: 0

Name of most important product or service (income_7a) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 605
Format: character
Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a)

# Sale price per unit (GHc) of most important product or service (income_7b) <br> File: GhanaRound3Single_la 

## Overview

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Sale price per unit (GHc): (income_7b)

Cost of raw materials for one unit (GHc) of most important product or service (income_7c)
File: GhanaRound3Single_la

## Overview

# Cost of raw materials for one unit (GHc) of most important product or service (income_7c) <br> File: GhanaRound3Single_la 

Type: Discrete Valid cases: 839
Format: character
Width: 29
Invalid: 0

Literal question
MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c)

Verification: Correct that product is sold for less than bought (income 7d)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 760
Format: character
Invalid: 0
Width: 20

## Literal question

You have told me that you sell this product for less than you buy it. Is this correct? (income_7d)

Verification: Correct that product is sold for the same price as bought (income_7e)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 786
Format: character
Invalid: 0
Width: 20

## Literal question

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e)

Verification: Correct that materials for this product cost nothing (income_7f)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 719
Format: character
Invalid: 0
Width: 20

## Literal question

You have told me that the materials for this product cost nothing. Is this correct? (income_7f)

Units sold in the last month of most important product or service (income_7g)
File: GhanaRound3Single_la

# Units sold in the last month of most important product or service (income 7g) 

File: GhanaRound3Single_la
Overview

Type: Discrete<br>Valid cases: 834<br>Format: character<br>Invalid: 0<br>Width: 43

Literal question<br>MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g)

Share of most important product or service in total sales (\%) (income 7h)File: GhanaRound3Single_la
Overview
Type: Discrete ..... Valid cases: 854
Invalid: 0 ..... Width: 12
Literal question
MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h)
(percentage_price)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 849
Format: character Invalid: 0Width: 32
(neg_percentage_price)
File: GhanaRound3Single_la
Overview
Type: Continuous ..... Valid cases: 694Format: numericInvalid: 165Width: 5
Minimum: -2997
Decimals: 0Maximum: 3
Range: -2997-3
(change_price_sq)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 855Format: characterInvalid: 0Width: 16

Verification whether sale price for main product changed substantially (prices_1)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character
Width: 22

Valid cases: 378
Invalid: 0

Correct price for main product (GHc) - Jan/Feb 2008 (prices_2)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Invalid: 824
Width: 12
Minimum: 0.1
Decimals: 0
Maximum: 320
Range: 0.0500000007-320

Correct price for main product (GHc) - April 2009 (prices_3)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 35
Format: numeric
Invalid: 824
Width: 12
Minimum: 0.1
Decimals: 0
Maximum: 530
Range: 0.0500000007-530

Started manufacturing/selling new product/offering new service in last 3 months (product_2)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 801
Format: character
Invalid: 0
Width: 3

## Literal question

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

Type/Name of new product(s) or service(s) (product_3)
File: GhanaRound3Single_la

## Overview

# Type/Name of new product(s) or service(s) (product_3) File: GhanaRound3Single_la 

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

## Literal question

What is/are the new product(s) or service(s)? (product_3)

# Percentage of total sales made by the new product(s) or service(s) (product_4) 

File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 37 |
| :--- | :--- |
| Format: numeric | Invalid: 822 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 100 |

Decimals: 0
Maximum: 100

## Range: 0-100

## Literal question

What percentage of total sales do the new product(s) or service(s) make? (product_4)
(income_stopwatch)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 802
Format: character
Invalid: 0
Width: 8

Question on profits answered? ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (income_4a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Width: 40

## Literal question

After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a)
Profit during April 2009 (income_4b)
File: GhanaRound3Single_la
Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-2000
Literal question

Valid cases: 769
Invalid: 90
Minimum: 0
Maximum: 2000

# Profit during April 2009 (income_4b) File: GhanaRound3Single_la 

After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Profit: (income_4b)

# Profit range [Categories provided] (income_4c) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 788
Format: character
Invalid: 0
Width: 32

## Literal question

After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Was the amount: (income_4c)

## Proportion of profits that is typically invested into the business (income 4d) <br> File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-620

## Pre question

After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.

## Literal question

What proportion of this amount do you typically invest in your business (\%)? (income_4d)
> 'income_4d' included value of goods or serv. that resp. and household consumed (income_4e)
> File: GhanaRound3Single_la

## Overview

| Type: Discrete | Valid cases: 801 |
| :--- | :--- |
| Format: character | Invalid: 0 |

Width: 3

## Pre question

What proportion of this amount do you typically invest in your business (\%)?

## Literal question

In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business?

# Value of goods and services that resp. and household consumed April 2009 (income 4f) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-280

Valid cases: 219
Invalid: 640
Minimum: 0
Maximum: 280

## Literal question

What was the value of the goods and services that you and your household consumed from the business in April 2009? (income_4f)

# Correct value for sales in April 2009 (income_5c) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 20
Format: numeric
Invalid: 839
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1000
Range: 0-1000

## Literal question

What is the correct value for sales in April 2009? (income_5c)

# Correct value for profits in April 2009 (income_5d) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 9.5-120

## Literal question

What is the correct value for profits in April 2009? (income_5d)

## Correct value for sales in April 2009 (income_6c)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Invalid: 849
Width: 3
Minimum: 0
Decimals: 0
Range: 0-600

## Literal question

What is the correct value for sales in April 2009? (income_6c)

Valid cases: 15
Invalid: 844
Minimum: 9.5
Maximum: 120

## Correct value for profits in April 2009 (income_6d) File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

## Literal question

(percentage_profit)
File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 695 |
| :--- | :--- |
| Format: numeric | Invalid: 164 |
| Width: 3 | Minimum: -1 |
| Decimals: 0 | Maximum: 600 |

## Valid cases: 9

Invalid: 850
Minimum: 0
Maximum: 300

What is the correct value for profits in April 2009? (income_6d)

## (neg_percentage_profit)

File: GhanaRound3Single_la

## Overview

Type: Continuous Valid cases: 718
Format: numeric Invalid: 141
Width: 5
Minimum: -1800
Decimals: 0
Maximum: 3
Range: -1800-3
(change_profit_sq)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 858
Format: character
Invalid: 0
Width: 16

Verification: percentage change in profits is correct if it is significant (profits_1)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 396
Format: character
Invalid: 0

## Width: 22

## Literal question

You said that profits for April 2009 were X. In the previous survey, you told us that profits for [month] were Y. Is it correct that your profit has changed this much?

## Earlier month profits if profits_1==No (profits_2)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 28-600

Valid cases: 15
Invalid: 844
Minimum: 28
Maximum: 600

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
[earlier month] 2009 profit:

## April 2009 profits if profits $1==$ No (profits 3)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 15
Format: numeric
Invalid: 844
Width: 3
Minimum: 0
Decimals: 0
Maximum: 400
Range: 0-400

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
April 2009 profit

Number of businesses owned (income_12a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 798
Format: numeric
Invalid: 61
Width: 1
Decimals: 0
Range: 0-4

## Literal question

How many businesses do you own? (income_12a)
[skip if only one]

## Money taken home from other businesses in April (income_12b)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1000

## Literal question

How much money did you take home from these other businesses in April? Include the money you saved or gave to family and friends. (income_12b)

Any free goods or serv. given to non-members of resp.'s household - April 2009 (income_10a)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 801
Invalid: 0

## Literal question

In April 2009, did you give any free goods or services to non-members of your household? (income_10a)

Approximate sale value of the goods and services given for free (GHc) (income_10b)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 196
Format: numeric
Invalid: 663
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

What is the approximate sale value of the goods and services given for free (GHc)? (income_10b)

Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=$ No) (income_13a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 3

## Literal question

Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a)

# Total income made from renting land or rooms in April 2009 (income_13b) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 849
Width: 4
Minimum: 5
Decimals: 0
Maximum: 1680
Range: 5-1680

## Literal question

In April 2009, what was your total income you made from renting land or rooms? (income_13b)

# (inventories stopwatch) <br> File: GhanaRound3Single_la 

Overview

| Type: Discrete | Valid cases: 801 |
| :--- | :--- |
| Format: character | Invalid: 0 |

Format: character
Invalid: 0
Width: 8

## Bus. holds products for sale,raw materials,products in production or spare parts (inventories 1)

File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 801
Format: character
Invalid: 0
Width: 3

## Literal question

When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1)

## Total purchase cost of inventories (GHc) (inventories 2)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 701
Format: numeric
Invalid: 158
Width: 6
Minimum: 1.5
Decimals: 0
Maximum: 350000
Range: 1.5-350000

## Literal question

What is the total purchase cost of these goods (GHc)? (inventories_2)

Value of items on hand to sell (GHc) (inventories_3)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character
Width: 21

Valid cases: 855
Invalid: 0

## Literal question

You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3)
(percentage_inventories)
File: GhanaRound3Single_la

## Overview

# (percentage inventories) <br> File: GhanaRound3Single_la 

Type: Continuous Valid cases: 640
Format: numeric
Invalid: 219
Width: 13
Minimum: -1
Decimals: 0
Maximum: 2000
(neg_percentage_inventories)
File: GhanaRound3Single_la

## Overview

Type: Continuous

## Valid cases: 643

Format: numeric
Invalid: 216
Width: 11
Minimum: -6000
Decimals: 0
Maximum: 3
Range: -6000-2.960571527
(change_inventories_sq)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 855
Format: character
Invalid: 0
Width: 16

Verification: change in inventories holding is correct (inventories 5)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 411
Format: character
Invalid: 0
Width: 22

## Literal question

You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number 'Y' was looked up correctly to trigger the check, but then referenced wrongly in this question.]
Is is correct that your inventories holding has changed that much? (inventories_5)

# Correct total purchase cost of inventories held at the start of business today (inventories_6) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 35-3500

## Valid cases: 14

Invalid: 845
Minimum: 35
Maximum: 3500

# Correct total purchase cost of inventories held at the start of business today (inventories_6) 

File: GhanaRound3Single_la
Literal question
You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

## Cash currently hold for the business (inventories_4)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 857
Invalid: 0

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4)

## (percentage cash)

File: GhanaRound3Single_la

## Overview

## (neg percentage cash)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 122
Format: numeric
Invalid: 737
Width: 5
Minimum: -1500
Decimals: 0
Maximum: 3
Range: -1500-3
(change_cash sq)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 840
Format: character
Invalid: 0
Width: 16

Verification: change in cash holding is correct (cash_1)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 562
Format: character
Invalid: 0
Width: 22

## Literal question

You said that your business cash for January 2009 was [X]. In the previous survey, you told us that business cash for [September/October] was [Y]. Is it correct that your cash holding has changed this much? (cash_1)

## Correct value of cash currently available (cash_2)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 10-1500

Valid cases: 3
Invalid: 856
Minimum: 10
Maximum: 1500

## Literal question

You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2)
(assets_stopwatch)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 8

## Add. land/buildings/furniture/machines/equip./tools/other assets since February (assets_1)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0

## Width: 3

## Literal question

Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_1)

## Interviewer instructions

[Enumerator: note, this should not include raw materials and inventories]

Business acquired any land or market space used by the business since February (assets_2a)
File: GhanaRound3Single_la

# Business acquired any land or market space used by the business since February (assets_2a) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 671
Format: character
Invalid: 0

## Width: 3

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]? Land or market space

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_2b)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 854
Format: character
Width: 6

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Land or market space

Purchase cost of land or market space (GHc) (assets_2c)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 854
Format: character Invalid: 0 Width: 14

## Literal question

What is the purchase cost of [x]? (GHc)
Land or market space

# Business acquired any kiosk,shed or building used by the business since February (assets_3a) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 671
Format: character Width: 3

Invalid: 0

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]?
Kiosk, shed or building

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_3b)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 818
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Kiosk, shed or building

# Purchase cost of kiosk,shed or building (GHc) (assets_3c) <br> File: GhanaRound3Single_la 

## Overview

Type: Continuous
Valid cases: 7
Format: numeric
Invalid: 852
Width: 4
Minimum: 50
Decimals: 0
Range: 50-3500
Maximum: 3500

## Literal question

What is the purchase cost of [x]? (GHc)
Kiosk, shed or building

## Business acquired any furniture and display cases since February (assets 4a) <br> File: GhanaRound3Single_la <br> Overview <br> Type: Discrete <br> Valid cases: 671 <br> Format: character <br> Invalid: 0 <br> Width: 3 <br> Literal question <br> Did your business acquire any [ X ] used by the business since [earlier interview]? <br> Furniture and display cases

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_4b)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 828
Format: character Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Furniture and display cases

# Purchase cost of furniture and display cases (GHc) (assets_4c) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Valid cases: 7
Format: numeric
Invalid: 852
Width: 3
Minimum: 3
Decimals: 0
Maximum: 300
Range: 3-300

## Literal question

What is the purchase cost of [x]? (GHc)
Furniture and display cases

Business acquired any machines and equipment used by the business since February (assets_5a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 671
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business acquire any [ X ] used by the business since [earlier interview]?
Machines and equipment

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets 5b)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 756
Format: character
Invalid: 0
Width: 49

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Machines and equipment

Purchase cost of machines and equipment (GHc) (assets_5c)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 24
Format: numeric
Invalid: 835
Width: 3
Minimum: 5
Decimals: 0
Maximum: 750

## Range: 5-750

## Literal question

What is the purchase cost of [x]? (GHc)
Machines and equipment

# Business acquired any other equipment, tools and utensils since February (assets 6a) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 671
Invalid: 0

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]?
Other equipment, tools and utensils

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_6b)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 807
Format: character
Invalid: 0
Width: 49

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Other equipment, tools and utensils

Purchase cost of other equipment, tools and utensils (GHc) (assets 6c)
File: GhanaRound3Single_la

## Overview

| Type: Continuous | Valid cases: 12 |
| :--- | :--- |
| Format: numeric | Invalid: 847 |
| Width: 3 | Minimum: 7 |

Width: 3
Minimum: 7
Decimals: 0
Range: 7-160

## Literal question

What is the purchase cost of [x]? (GHc)
Other equipment, tools and utensils

# Disp. of land/build./furniture/machines/equip./tools/other assets since February (assets_7) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 3

## Literal question

Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_7)
Interviewer instructions

# Disp. of land/build./furniture/machines/equip./tools/other assets since February (assets_7) 

File: GhanaRound3Single_la
[Enumerator: note, this should not include raw materials and inventories]

# Sold/returned/lost/otherwise disposed of any land or market space since February (assets_8a) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Land or market space

Way of sale, loss or damage (assets_8b)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 830

Format: character
Valid cases: 830
Width: 28
Invalid: 0

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space

Sale price or value of land or market space (GHc) (assets_8c)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1500

## Valid cases: 5

Invalid: 854
Minimum: 0
Maximum: 1500

## Literal question

What is the sale price or value of $[\mathrm{x}]$ ? ( GHc )
Land or market space

Sold/returned/lost/otherwise disposed of kiosk,shed or building since February (assets_9a)
File: GhanaRound3Single_la

## Overview

# Sold/returned/lost/otherwise disposed of kiosk,shed or building since February (assets_9a) 

File: GhanaRound3Single_la
Type: Discrete Valid cases: 779
Format: character
Invalid: 0

## Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any $[\mathrm{X}]$ used by the business since [the earlier interview?]
Kiosk, shed or building

## Way of sale, loss or damage (assets_9b) <br> File: GhanaRound3Single_la

## Overview

| Type: Discrete | Valid cases: 854 |
| :--- | :--- |
| Format: character | Invalid: 0 |

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building

Sale price or value of kiosk,shed or building (GHc) (assets_9c) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 1
Format: numeric
Invalid: 858
Width: 3
Decimals: 0
Range: 800-800

## Literal question

What is the sale price or value of [x]? (GHc)
Kiosk, shed or building

## Sold/returned/lost/otherwise disposed of furnit. and display cases since Feb. (assets_10a) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X$]$ used by the business since
[the earlier interview?]
Furniture and display cases

# Way of sale, loss or damage (assets_10b) <br> File: GhanaRound3Single_la 

Overview
Type: Discrete
Valid cases: 840
Format: character
Invalid: 0
Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases

## Sale price or value of furniture and display cases (GHc) (assets 10c) <br> File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 3
Format: numeric
Invalid: 856
Width: 3
Minimum: 5
Decimals: 0
Maximum: 800
Range: 5-800

## Literal question

What is the sale price or value of $[x]$ ? ( GHc )
Furniture and display cases

Sold/returned/lost/otherwise disposed of any machines and equip. since February (assets 11a)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0

Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Machines and equipment

# Way of sale, loss or damage (assets_11b) File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 845
Format: character
Invalid: 0

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment

Sale price or value of machines and equipment (GHc) (assets_11c) File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 3
Format: numeric
Invalid: 856
Width: 3
Minimum: 50
Decimals: 0
Maximum: 130
Range: 50-130

## Literal question

What is the sale price or value of [x]? (GHc)
Machines and equipment

# Sold/returned/lost/otherwise disp. of other equip.,tools,utensils since February (assets_12a) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Other equipment, tools and utensils

## Way of sale, loss or damage (assets_12b)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 833
Format: character
Invalid: 0

## Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils

## Sale price or value of other equipment, tools and utensils (GHc) (assets_12c) <br> File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Invalid: 853
Width: 4
Minimum: 7.5
Decimals: 0
Maximum: 1200
Range: 7.5-1200

## Literal question

What is the sale price or value of [x]? (GHc)
Other equipment, tools and utensils
(credit_stopwatch)
File: Gh̄anaRound3Single_la
Overview
Type: Discrete Valid cases: 802
Format: character
Invalid: 0
Width: 8

# Respondent uses susu collector to deposit money (1=Yes, $2=$ No) (credit 1) 

File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 802

Format: character
Width: 3

## Literal question

Do you use a susu collector to deposit money? (credit_1)

Average deposit made with the susu collector each day during April 2009 (GHc) (credit_2)
File: GhanaRound3Single_la
Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0.5-20

Valid cases: 364
Invalid: 495
Minimum: 0.5
Maximum: 20

## Literal question

On average, how much did you deposit with the susu collector each day during January 2009 (GHc)? (credit_2)

Received a new loan from a bank since February ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (credit_3)
File: Gh̄anaRound3Single_la
Overview
Type: Discrete
Valid cases: 802
Format: character Width: 3

## Literal question

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

Amount of the loan from bank (credit_4)
File: GhanaRound3Single_la

## Overview

# Amount of the loan from bank (credit 4) File: GhanaRound3Single_la 

| Type: Continuous | Valid cases: 7 |
| :--- | :--- |
| Format: numeric | Invalid: 852 |
| Width: 4 | Minimum: 100 |
| Decimals: 0 | Maximum: 2000 |

Decimals: 0
Maximum: 2000
Range: 100-2000

## Pre question

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)
Literal question
If yes, what was the amount of the loan? (credit_4)

# Received a new loan from a microfinance organization since February (credit_5) <br> File: GhanaRound3Single_la 

## Overview

Format: character Invalid: 0
Width: 3

## Literal question

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since February? (credit_5)

# Amount of the loan from microfinance organization (credit_6) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Valid cases: 10
Format: numeric
Width: 3
Decimals: 0
Range: 0-500

Invalid: 849
Minimum: 0
Maximum: 500

## Pre question

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since February? (credit_5)

## Literal question

If yes, what was the amount of the loan? (credit_6)

# Received new loan from family/friends for business since February (credit_7) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 3

## Literal question

Have you received a new loan from family or friends for the business since February? (credit_7)

# Amount of the loan from family or friends (credit 8) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 50-400

## Valid cases: 7

Invalid: 852
Minimum: 50
Maximum: 400

## Pre question

Have you received a new loan from family or friends for the business since February? (credit_7)
Literal question
If yes, what was the amount of the loan? (credit_8)
(introduction_stopwatch_3_9)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 803
Format: character
Invalid: 0
Width: 8

# Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) <br> File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-350

Valid cases: 795
Invalid: 64
Minimum: 0
Maximum: 350

## Literal question

Last week:
How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a)

## Last WEEK'S household expenditure on: Food and drink consumed outside the home (household_2b) File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

## Literal question

Last week:
How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b)

# Last MONTH's household expenditures on: Housing (household 3a) <br> File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

## Valid cases: 785

Invalid: 74
Minimum: 0
Maximum: 300

## Literal question

How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHC)? (household_3a)

## Last MONTH's household expenditures on: Fuel and Light (household 3b)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 11
Decimals: 0
Range: 0-754.5999756

Valid cases: 788
Invalid: 71
Minimum: 0
Maximum: 754.6

## Literal question

How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b)

## Last MONTH's household expenditures on: Non-durable household goods (household_3c) <br> File: GhanaRound3Single_la

## Overview

Type: Continuous

Valid cases: 735
Invalid: 124
Minimum: 0
Maximum: 120

## Literal question

How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c)

Last MONTH's household expenditures on: Communication (household_3d)
File: GhanaRound3Single_la

## Overview

# Last MONTH's household expenditures on: Communication (household 3d) <br> File: GhanaRound3Single_la 

Type: Continuous<br>Valid cases: 732<br>Format: numeric<br>Invalid: 127<br>Width: 3<br>Minimum: 0<br>Decimals: 0<br>Maximum: 150<br>Range: 0-150<br>\section*{Literal question<br><br>How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal)}

# Last MONTH's household expenditures on: Recreation and entertainment (household_3e) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Format: numeric Width: 3
Decimals: 0 Range: 0-400

Valid cases: 754
Invalid: 105
Minimum: 0
Maximum: 400

## Literal question

How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery)

# Last MONTH's household expenditures on: Transport (household_3f) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-50

Valid cases: 676
Invalid: 183
Minimum: 0
Maximum: 50

## Literal question

How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees)

# Last MONTH's household expenditures on: Household services (household 3 g ) <br> File: GhanaRound3Single_la 

Overview
Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-380

Valid cases: 666
Invalid: 193
Minimum: 0
Maximum: 380

## Literal question

# Last MONTH's household expenditures on: Household services (household 3g) <br> File: GhanaRound3Single_la <br> How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g) 

## Last MONTH's household expenditures on: Personal care services (household 3h)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-40

## Literal question

How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h)

## Last MONTH's household expenditures on: Contributions to associations (household_3i) <br> File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 757
Format: numeric
Invalid: 102
Width: 3
Minimum: 0
Decimals: 0
Range: 0-120

## Literal question

How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i)

## Over past THREE MONTHS household expenditures on: Clothing and textiles (household_4a) <br> File: GhanaRound3Single_la

## Overview

```
Type: Continuous
                                    Valid cases: }75
Format: numeric
                                    Invalid: }10
Width: }
Minimum: 0
Decimals: 0
Range: 0-800
```


## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)?
(household_4a)

# Over past THREE MONTHS household expenditures on: Footwear (household 4b) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 859
Format: character
Invalid: 0
Width: 11

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b)

Over past THREE MONTHS household expenditures on:
Funerals,weddings,ceremonies (household_4c)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 859
Format: character Width: 11

Invalid: 0

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies
(GHc)? (household_4c)

## Over past THREE MONTHS household expenditures on: <br> Electronic goods (household 4d)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 668
Format: numeric
Invalid: 191
Width: 3
Minimum: 0
Decimals: 0
Maximum: 200
Range: 0-200

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d)

Over past THREE MONTHS household expenditures on:
Household furnishings (household_4e)
File: GhanaRound3Single_la

## Overview

Type: Continuous

## Valid cases: 662

Format: numeric
Invalid: 197
Width: 2
Minimum: 0
Decimals: 0
Maximum: 80
Range: 0-80

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e)

# Over past THREE MONTHS household expenditures on: <br> Household appliances (household 4f) <br> File: GhanaRound3Single_la 

Overview
Type: Continuous
Valid cases: 660
Format: numeric
Invalid: 199
Width: 2
Minimum: 0
Decimals: 0
Maximum: 70
Range: 0-70

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f)

## Over past THREE MONTHS household expenditures on: Vehicles (household_4g)

File: GhanaRound3Single_la

## Overview

Type: Continuous

## Valid cases: 663

Format: numeric
Invalid: 196
Width: 3
Minimum: 0
Decimals: 0
Maximum: 700
Range: 0-700

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)?
(household_4g)

## Over past THREE MONTHS household expenditures on: Health expenses (household_4h)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 728
Format: numeric
Invalid: 131
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1400
Range: 0-1400

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHC)? (household_4h)

Over past THREE MONTHS household expenditures on:
Education (household_4i)
File: GhanaRound3Single_la

## Overview

# Over past THREE MONTHS household expenditures on: <br> Education (household_4i) 

File: GhanaRound3Single_la

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1500

Valid cases: 733
Invalid: 126
Minimum: 0
Maximum: 1500

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHC)? (household_4i)

Raven_1 (raven_1)
File: GhanaRound3Single_la

## Overview

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

Raven 2 (raven_2)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 782
Format: numeric
Invalid: 77
Width: 1
Decimals: 0
Range: 1-8

Raven_3 (raven_3)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 783
Format: numeric
Invalid: 76
Width: 1
Decimals: 0
Range: 1-8

## Raven_4 (raven_4) <br> File: GhanaRound3Single_la

## Overview

Raven_5 (raven_5)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 753
Format: numeric
Invalid: 106
Width: 1
Decimals: 0
Range: 1-8

Raven_6 (raven_6)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 751
Format: numeric
Invalid: 108
Width: 1
Decimals: 0
Range: 1-8

Raven_7 (raven_7)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 721
Format: numeric
Invalid: 138
Width: 1
Decimals: 0
Range: 1-8

Raven 8 (raven_8)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 701
Format: numeric
Invalid: 158
Width: 1
Decimals: 0
Range: 1-8

## Raven 9 (raven 9 ) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 658
Format: numeric
Invalid: 201
Width: 1
Decimals: 0
Range: 1-8

Raven_10 (raven_10)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 632
Format: numeric
Invalid: 227
Width: 1
Decimals: 0
Range: 1-8

Raven_11 (raven_11)
File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 593
Format: numeric
Invalid: 266
Width: 1
Decimals: 0
Range: 1-8

## Raven_12 (raven_12) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 572
Format: numeric
Invalid: 287
Width: 1
Decimals: 0
Range: 1-8

Time/Hours spent - typ. week: talking with customers (timeuse_1)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 847
Format: character
Invalid: 0

## Literal question

In a typical week, how many hours would you spent:
Talking with customers?

Time/Hours spent - typ. week: talking with suppliers of goods
purchased reg. (timeuse_2)
File: GhanaRound3Single_la

## Overview

## Literal question

# Time/Hours spent - typ. week: talking with suppliers of goods purchased reg. (timeuse_2) <br> File: GhanaRound3Single_la 

In a typical week, how many hours would you spent:
Talking with suppliers of goods that you purchase regularly?

# Time/Hours spent - typ. week: talking with suppl. of goods purchased less freq. (timeuse_3) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 845
Format: character
Invalid: 0
Width: 11

## Literal question

In a typical week, how many hours would you spent:
Talking with suppliers of equipment or other goods purchased less frequent?

Time/Hours spent - typ. week: directing employees to perform tasks (timeuse_4)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 843
Format: character
Invalid: 0
Width: 11

## Literal question

In a typical week, how many hours would you spent:
Directing employees to perform tasks?

## Time/Hours spent - typ. week: dealing with production issues (timeuse_5)

File: GhanaRound3Single_la

## Overview

Format: character
Invalid: 0
Width: 11

## Literal question

In a typical week, how many hours would you spent:
Dealing with production issues, including the breakdown of machinery?

Time/Hours spent - typ. week: talking w. inspect./regulat./other gov. officials (timeuse_6)
File: GhanaRound3Single_la

## Overview

# Time/Hours spent - typ. week: talking w. inspect./regulat./other gov. officials (timeuse 6) 

File: GhanaRound3Single_la
Type: Discrete
Valid cases: 855
Format: character
Invalid: 0
Width: 11

## Literal question

In a typical week, how many hours would you spent:
Talking with inspectors, regulators or other government officials?

# Time/Hours spent - typ. week: researching new products or pot. product offerings (timeuse <br> $\qquad$ <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 853
Format: character
Invalid: 0
Width: 11

## Literal question

In a typical week, how many hours would you spent:
Researching new products or potential product offerings?

Time/Hours spent - typ. week: talking with competitors (timeuse_8)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 850
Format: character
Invalid: 0

## Literal question

In a typical week, how many hours would you spent:
Talking with competitors?

# Time/Hours spent - typical week: observing competitors' <br> businesses (timeuse_9) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 851
Format: character
Invalid: 0

## Literal question

In a typical week, how many hours would you spent:
Observing competitors' businesses?

# MAIN reason why some businesses fail or have to close down (trust 1) 

## File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 64

## Literal question

Now I want you to think about different reasons why a small business like yours may fail. Which of these best describes the MAIN reason you think some businesses fail or have to close down? (trust_1)

# ( $1=$ Most people can be trusted, $2=$ You need to be very careful) (trust 2) 

File: ḠhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 798
Format: character
Invalid: 0
Width: 28

## Literal question

Generally speaking would you say that most people can be trusted or that you need to be very careful in dealing with people? (trust_2)

## Trust in neighbors (trust_3) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 801
Format: character
Invalid: 0
Width: 22

## Literal question

I'd like to ask you how much you trust people from various groups. Could you tell me for each whether you trust people from this group completely, somewhat, not very much, or not at all?
Your neighbours (trust_3)

## Trust in people met for the first time (trust_4) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 798
Format: character
Invalid: 0

## Width: 22

## Literal question

I'd like to ask you how much you trust people from various groups. Could you tell me for each whether you trust people from this group completely, somewhat, not very much, or not at all?
People you meet for the first time (trust_4)

## Confidence in the press (trust_5) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 801
Format: character
Invalid: 0
Width: 22

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all?
The press (trust_5)

## Confidence in the police (trust_6) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0

## Width: 22

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all?
The police (trust_6)

## Confidence in the courts (trust 7)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 799
Format: character
Invalid: 0
Width: 22

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all?
The courts (trust_7)

## Confidence in the national government (trust_8) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 22

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all?
The national government (trust_8)

Confidence in the district assemblies (trust_9)
File: GhanaRound3Single_la

# Confidence in the district assemblies (trust_9) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 801
Format: character
Width: 22
Invalid: 0

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all?
The district assemblies (district/metropolitan) (trust_9)

# Confidence in the municipal council or urban council (trust_10) File: GhanaRound3Single_la 

## Overview

## Type: Discrete

Valid cases: 801
Format: character
Invalid: 0
Width: 22

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all? The municipal council or urban council (trust_10)

# Confidence in the revenue collection agencies (IRS, VAT office, etc.) (trust 11) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 22

## Literal question

I am going to name a number of organizations. For each one, could you tell me how much confidence you have in them: is it a great deal of confidence, quite a lot of confidence, not very much confidence, or none at all?
Revenue collection agencies (IRS, VAT office, etc.) (trust_11)

## TreatmentType (treatmenttype) <br> File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 810
Format: character
Invalid: 0

Added some of own money to the gift ( $1=\mathrm{Yes}, 2=\mathrm{No}$ )
(treatment_a_1a)
File: GhanaRound3Single_la

Added some of own money to the gift ( $1=$ Yes, $2=$ No $)$ (treatment_a_1a)
File: GhanaRound3Single_la
Type: Discrete
Valid cases: 505
Format: character
Invalid: 0
Width: 3

## Literal question

Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_1a)

Amount added (treatment_a_1b)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 846
Format: character
Invalid: 0
Width: 7

## Pre question

Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GH . Did you do this? (treatment_a_1a)

## Literal question

How much your own money did you add? (treatment_a_1b)

# Items bought with cash received (treatment_a_2) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 511
Format: character
Invalid: 0

## Width: 50

## Literal question

What did you buy with the cash that you received? (treatment_a_2)

Amount of cash received spent on business materials and inventories (treatment_a_3)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 844
Format: character
Invalid: 0
Width: 19

## Literal question

Of the cash that you received, how much did you spend on
Business materials and inventories?

## Amount of cash received spent on business equipment (treatment a 4)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-164

Valid cases: 100
Invalid: 759
Minimum: 0
Maximum: 164

## Literal question

Of the cash that you received, how much did you spend on
Business equipment?

Amount of cash received spent on repayment of business loans (treatment_a_5)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

## Literal question

Of the cash that you received, how much did you spend on Repayment of business loans?

Valid cases: 99
Invalid: 760
Minimum: 0
Maximum: 100

Amount of cash received spent on other business expenses (treatment_a_6)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 101
Format: numeric
Invalid: 758
Width: 2
Minimum: 0
Decimals: 0
Maximum: 70
Range: 0-70

## Literal question

Of the cash that you received, how much did you spend on
Other business expenses?

Amount of cash received spent on household food (treatment_a_7) File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 101
Format: numeric
Invalid: 758
Width: 3
Minimum: 0
Decimals: 0
Maximum: 120

# Amount of cash received spent on household food (treatment_a_7) File: GhanaRound3Single_la <br> Of the cash that you received, how much did you spend on Household food? 

Amount of cash received spent on household durable assets
(treatment_a_8)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 99
Format: numeric
Invalid: 760
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

## Literal question

Of the cash that you received, how much did you spend on
Household durable assets?

Amount of cash received spent on personal clothing (treatment_a_9)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 99
Format: numeric
Invalid: 760
Width: 2
Minimum: 0
Decimals: 0
Maximum: 25
Range: 0-25

## Literal question

Of the cash that you received, how much did you spend on
Personal clothing?

Amount of cash received spent on gifts to others (treatment_a_10) File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 98
Format: numeric
Invalid: 761
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50

## Range: 0-50

## Literal question

Of the cash that you received, how much did you spend on
Gifts to others?

Amount of cash received spent on school supplies and school fees (treatment_a_11)
File: GhanaRound3Single_la

# Amount of cash received spent on school supplies and school fees (treatment a 11) 

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

## Literal question

Of the cash that you received, how much did you spend on
School supplies and school fees?

Valid cases: 100
Invalid: 759
Minimum: 0
Maximum: 150

Amount of cash received spent on any other household business (treatment_a_12)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 99
Format: numeric
Invalid: 760
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

## Literal question

Of the cash that you received, how much did you spend on
Any other household business?

Amount of cash received that was saved (treatment_a_13) File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 103
Format: numeric
Invalid: 756
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

Of the cash that you received, how much did you save? (treatment_a_13)

TreatmentSum1 (treatmentsum1)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 844
Format: character
Invalid: 0

## TreatmentDiff1 (treatmentdiff1)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 115
Format: numeric
Invalid: 744
Width: 4
Minimum: -140
Decimals: 0
Maximum: 150

# Verification: total sum spent on other items correct (treatment_a_14) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 637
Format: character
Invalid: 0
Width: 19

## Literal question

You have listed a total of [sum] GHc. This means that you spent [150-sum] on OTHER items. Is this correct? (treatment_a_14)

## Interviewer instructions

(Repeat questions if "no"; since the dataset records final answers, none will be "no".)

# Amount of materials and inventories sold (treatment_a_15) File: GhanaRound3Single_la 

## Overview

Type: Continuous
Valid cases: 76
Format: numeric
Invalid: 783
Width: 3
Minimum: 0
Decimals: 0
Maximum: 200
Range: 0-200

## Literal question

You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment a 15)

## Amount of materials and inventories lost to spoilage, waste or theft (treatment_a_16) <br> File: GhanaRound3̄Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-75

## Pre question

You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15)

## Literal question

How much of this have you lost to spoilage, waste or theft (GHc)? (treatment_a_16)

Amount of materials and inventories lost to spoilage, waste or theft (treatment_a 16)
File: GhanaRound $\overline{3}$ Single_la
Interviewer instructions
[Enumerator: If nothing has been lost, enter "0"]

## Amount of the gift spent on things just for respondent (treatment_a_17a)

File: GhanaRound3Single_la

## Overview

Type: Discrete Valid cases: 849
Format: character Invalid: 0
Width: 21

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things Things just for you?

## Amount of the gift spent on things just for respondent's spouse (treatment_a_17b)

File: GhanaRound3Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

Valid cases: 105
Invalid: 754
Minimum: 0
Maximum: 30

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your spouse?

Amount of the gift spent on things just for respondent's children (treatment_a_17c)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 0-20

Valid cases: 102
Invalid: 757
Maximum: 20

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

# Amount of the gift spent on things just for respondent's children (treatment a 17c) 

File: Ghana-_und3Single_la
Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your children?

Amount of the gift spent on things just for resp. and his/her family jointly (treatment_a_17d)
File: GhanaRound3Single_la

## Overview

Type: Continuous
Valid cases: 103
Format: numeric
Invalid: 756
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things
Things for you and your family jointly?

Amount spent on things for people other than resp./his/her spouse/childr. (treatment_a_17e)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 101
Format: numeric
Invalid: 758
Width: 2
Maximum: 12
Decimals: 0
Range: 0-12

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things
Things for people other than you, your spouse or children?

Received any equipment (treatment_b_1)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character
Invalid: 0

## Width: 3

## Literal question

Did you receive any EQUIPMENT? (treatment_b_1)

# Amount of equipment received that has been sold (treatment_b_2) File: GhanaRound3Single_la 

Overview
Type: Discrete Valid cases: 851
Format: character
Invalid: 0
Width: 6

## Literal question

How much of the EQUIPMENT that you received have you sold (GHc)? (treatment_b_2)

## Interviewer instructions

Enumerator: If nothing has been sold, enter " 0 ".

# Received any inventories or materials (treatment_b_3) File: GhanaRound3Single_la 

Overview
Type: Discrete
Format: character Width: 3

Literal question
Did you receive any INVENTORIES OR MATERIALS? (treatment_b_3)

## Amount of inventories or materials received that has been sold (treatment b 4)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 850
Format: character
Invalid: 0
Width: 5

## Literal question

How much of the INVENTORIES AND MATERIALS that you have received have you sold (GHc)? (treatment_b_4)

## Interviewer instructions

Enumerator: If nothing has been sold, enter "0".

## Purchased NEW INVENT./MATERIALS since receiving gift vs. not receiving it (treatment_b_5)

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 525
Format: character
Invalid: 0
Width: 41

## Literal question

Have you purchased NEW INVENTORIES OR MATERIALS since receiving this gift? Please compare to the amount that you would HAVE PURCHASED if you had NOT received the gift. (treatment_b_5)

Repeat if blank. (v309)
File: GhanaRound3Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric Invalid: 859
Width: 1
Decimals: 0
(introduction_stopwatch_3_11)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 805
Format: character
Invalid: 0
Width: 8

# Person(s) other than the enterprise owner present during the interview (impressions_1) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 803
Format: character
Width: 140
Literal question
Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist)

Interviewer's impression of how well the respondent understood the questions (impressions_2)
File: GhanaRound3Single_la
Overview
Type: Discrete
Valid cases: 803
Format: character
Invalid: 0

## Literal question

What is your impression of how well the respondent understood the questions being asked? (impressions_2)

Interviewer's impression of seriousness with which the resp. answered questions (impressions_3)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Format: character Width: 11

## Literal question

What is your impression of the seriousness with which the respondent answered questions? (impressions_3)

Interviewer's impression of preciseness with which questions were answered (impressions_4)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 803
Format: character
Invalid: 0
Width: 11

## Literal question

What is your overall impression of the preciseness with which questions were answered? (impressions_4)

# Most difficult or troubling sections for the respondent (impressions_5) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 803
Format: character
Invalid: 0
Width: 54

## Literal question

Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark)

# Most difficult or troubling sections for the interviewer (impressions_6) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 803
Format: character
Invalid: 0
Width: 22
Literal question
Which sections were most difficult or troubling for you? (impressions_6) (ticklist)

Sections that interested the respondents the most (impressions_7) File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 803
Format: character
Width: 126

## Literal question

Which sections interested the respondents the most? (impressions_7) (ticklist)

Most difficult or troubling questions for the respondent (impressions_8)
File: GhanaRound3Single_la

# Most difficult or troubling questions for the respondent (impressions 8) 

File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 799
Format: character
Invalid: 0
Width: 36

## Literal question

Which questions were most difficult or troubling for the respondent? (impressions_8)

# Most difficult or troubling questions for the interviewer (impressions_9) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 810
Format: character
Invalid: 0
Width: 10

## Literal question

Which questions were most difficult or troubling for you? (impressions_9)

# Questions that interested the respondents the most (impressions_10) <br> File: GhanaRound3Single_la 

## Overview

Type: Discrete
Valid cases: 813
Format: character
Invalid: 0
Width: 49

## Literal question

Which questions interested the respondents the most? (impressions_10)
(SingleMultipleMerge)
File: GhanaRound3Single_la

## Overview

Type: Discrete
Valid cases: 859
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 2-2

## SHENO (SHENO) <br> File: GhanaRound4Multiple_la

## Overview

Type: Discrete

Valid cases: 6588
Invalid: 0

## Question Number (questionnumber)

File: GhanaRound4Multiple_la

## Overview

Type: Discrete Valid cases: 6539

Format: numeric
Width: 11
Decimals: 0
Range: 12.18000031-12.18000031

Instance (instance)
File: GhanaRound4Multiple_la

## Overview

Type: Discrete

Valid cases: 6540
Invalid: 0

Question heading (questionheading)
File: GhanaRound4Multiple_la

## Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 6540
Invalid: 0

## Answer (answer)

File: GhanaRound4Multiple_la

## Overview

Type: Discrete
Valid cases: 6539
Format: numeric
Invalid: 49
Width: 2
Decimals: 0
Range: 1-16

SocialSHENO (socialsheno)
File: GhanaRound4Multiple_la

## Overview

# SocialSHENO (socialsheno) 

File: GhanaRound4Multiple_la
Type: Discrete
Valid cases: 6577
Format: character
Invalid: 0
Width: 16

# Business knowledge of person (networksloop_1) <br> File: GhanaRound4Multiple_la 

## Overview

Type: Discrete Valid cases: 2061
Format: character
Invalid: 0
Width: 22

## Literal question

How knowledgeable about business is this person?

Freq. resp. talks about business conditions and prospects with this person (networksloop_2)
File: GhanaRound4Multiple_la

## Overview

Type: Discrete Valid cases: 2061
Format: character
Invalid: 0
Width: 24

## Literal question

How frequently do you talk about business conditions and prospects with this person?

Received a loan or gift from the person over the last six months (networksloop_3)
File: GhanaRound4Multiple_la

## Overview

Type: Discrete
Valid cases: 2064
Format: character
Invalid: 0
Width: 43

## Literal question

Have you received a loan or gift from the person over the last six months?

# Total value of loans or gifts received (networksloop_4) <br> File: GhanaRound4Multiple_la 

## Overview

Type: Continuous

[^4]Format: numeric
Invalid: 6543
Width: 3
Minimum: 2
Decimals: 0
Maximum: 150

## Range: 2-150

## Literal question

What is the total value of loans or gifts that you received?

Has given loan or gift to this person over the last six months (networksloop_5)

## File: GhanaRound4Multiple_la

## Overview

Type: Discrete
Valid cases: 2062
Format: character
Invalid: 0
Width: 43

## Literal question

Have you given a loan or gift to this person over the last six months?

# Total value of loans or gifts provided (networksloop_6) <br> File: GhanaRound4Multiple_la 

## Overview

Type: Continuous
Valid cases: 34
Format: numeric
Invalid: 6554
Width: 3
Minimum: 0
Decimals: 0
Maximum: 120
Range: 0-120

## Literal question

What is the total value of loans or gifts that you provided?

# Respondent knows person (networksloop_entry) <br> File: GhanaRound4Multiple_la 

## Overview

Type: Discrete
Format: character Width: 3

## Literal question

I am now going to ask you about X . Do you know X?

Valid cases: 5370
Invalid: 0

Firm identification number (SHENO)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 792
Format: character
Invalid: 0
Width: 9

BaselineMonth (baselinemonth)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 791
Format: character
Invalid: 0
Width: 3

# BaselineMonthLessOne (baselinemonthlessone) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 791
Format: character Invalid: 0

Valid cases: 792
Invalid: 0

Date of interview (questionnaire_date)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character Width: 10
(introduction_stopwatch)
File: GhanaRound4Single_la

## Overview

Type: Discrete Format: character Width: 8

Valid cases: 792
Invalid: 0

Start time of interview (questionnaire_starttime)
File: GhanaRound4Single_la

## Overview

idth. 8

Interviewer was able to find the owner ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_1)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 792
Format: character
Invalid: 0
Width: 40

## Literal question

Interviewer: Were you able to find the owner? (introduction_1)

Owner agreed to be interviewed again ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_2)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 758
Format: character
Invalid: 0
Width: 3

## Literal question

Interviewer: Did the owner agree to be interviewed again? (introduction_2)

# Jump over attrition section. (jumpoverattritionsection) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

AttritionMarker (attritionmarker)
File: GhanaRound4Single_la

## Overview

Format: numeric

Owner still operates the business (attrition_2)
File: GhanaRound4Single_la

## Overview

# Owner still operates the business (attrition_2) 

File: GhanaRound4Single_la
Does the owner still operate the business? (attrition_2)

# Jump: Repeat if blank. (jumprepeatifblank) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Business still seems to be operating in the same location as before (attrition_3)
File: GhanaRound4Single_la
Overview
Type: Discrete Valid cases: 691
Format: character
Invalid: 0
Width: 10

## Literal question

Does the business still seem to be operating in the same location as before? (attrition_3)

Jump to end section if same location.
(jumptoendsectionifsamelocation)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Place of interview (introduction_3)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 755
Format: character
Invalid: 0 Width: 49

## Literal question

Where is the interview taking place? (introduction_3)

Jump: Repeat if blank (3). (jumprepeatifblank3)
File: GhanaRound4Single_la

Jump: Repeat if blank (3). (jumprepeatifblank3)
File: GhanaRound4Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Household is living at same address as in previous round ( $1=$ Yes, $2=\mathrm{No}$ ) (introduction_4)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 756
Format: character
Invalid: 0
Width: 3
Literal question
In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4)

Respondent still owns and operates a business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_6)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 755
Format: character
Invalid: 0 Width: 3

## Literal question

Do you still own and operate a business? (introduction_6)

Jump: Repeat if blank (4). (jumprepeatifblank4)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Respondent is still working in the same location as in May ( $1=$ Yes, $2=\mathrm{No}$ ) (introduction 7)
File: GhanaRound4Single_la

## Overview

Respondent is still working in the same location as in May ( $1=$ Yes, $2=\mathrm{No}$ ) (introduction 7)
File: GhanaRound4Single_la
Literal question
Are you still working in the same location as you were working in when we interviewed you in May? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7)

Jump to line of business if same location.
(jumptolineofbusinessifsamelocati)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: numeric
Valid cases: 0
Invalid: 792

Width: 1
Decimals: 0

Working in the same line of business as last May ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction 9)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 746
Format: character
Invalid: 0
Width: 3

## Literal question

Are you working in the same line of business as when we interviewed you last May? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9)

Jump to end of section if same line of business.
(jumptoendofsectionifsamelineofbu)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: numeric Invalid: 792

What happened to the business previously ran? (introduction_10) File: GhanaRound4Single_la

## Overview

## Literal question

What happened to the business you previously ran? (introduction_10)

# Main activity now (introduction_11) 

File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 663
Format: character
Invalid: 0
Width: 43
Invalid: 0

## Literal question

What is your main activity now? (introduction_11) (specify) $\qquad$

## Interviewer instructions

(Interview: Survey will end if they no longer operate a business.)

## Jump to new line of business if new business. <br> (jumptonewlineofbusinessifnewbusi) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

New line of business activity (introduction_12)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Invalid: 0

## Width: 28

## Literal question

You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12)

Verification: Really a new line of business (introduction_13) File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Invalid: 0
Width: 25

## Literal question

Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13)

Respondent owns the land or market space used by the business (1=yes, $2=$ no) (balance_8a)
File: GhanaRound4Single_la

## Overview

Respondent owns the land or market space used by the business ( $1=\mathrm{yes}, 2=\mathrm{no}$ ) (balance_8a)
File: GhanaRound4Single_la
Type: Discrete Valid cases: 749
Format: character
Invalid: 0
Width: 2

## Literal question

Do you currently own the land or market space used by the business? (balance_8a)

Year when land or market space was purchased (balance_8b) File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

In what year did you purchase the land or market space? (balance_8b)

Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 792 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| How much would you pay to purchase the same land and market space today (GHc)? (balance_8c) |  |

Business has any kiosk/shed/building (1=yes, $2=n o$ ) (balance_9a) File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 749
Format: character
Invalid: 0
Width: 3

## Literal question

Does your business currently have any kiosk/shed/building? (balance_9a)

Ownership of the kiosk/shed/building ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_9b)
File: GhanaRound4Single_la

## Overview

Ownership of the kiosk/shed/building ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_9b)
File: GhanaRound4Single_la
Literal question
Ownership of the kiosk/shed/building: (balance_9b)

Replacement value of kiosk/shed/building (GHc) (balance_9c)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 1
Format: numeric
Invalid: 791
Width: 3
Decimals: 0
Range: 200-200

## Literal question

If you had to replace your kiosk/shed/building, how much would a similar one cost (GHC)? (balance_9c)

Business has any furniture or display cases ( $1=\mathrm{Yes}, 2=\mathrm{No}$ )
(balance_10a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Invalid: 0
Width: 3

## Literal question

Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a)

Number of different types of furniture or display cases
(balance_10b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 2
Format: numeric
Invalid: 790
Width: 1
Decimals: 0
Range: 2-2

## Literal question

How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b)

Ownership of FIRST furniture or display cases (balance_10c)
File: GhanaRound4Single_la

## Overview

# Ownership of FIRST furniture or display cases (balance_10c) File: GhanaRound4Single_la 

```
Type: Discrete Valid cases: 782
cases: 782
```

Format: character
Width: 8

## Literal question

FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c)

Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 2
Format: numeric
Invalid: 790
Width: 2
Decimals: 0
Range: 23-40

## Literal question

FIRST FURNITURE or DISPLAY CASES:
If you had to replace, what would the replacement be for all of the items owned $(\mathrm{GHc})$ ?

## Ownership of SECOND furniture or display cases (balance_10e) File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 782
Format: character
Invalid: 0

## Literal question

SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e)

# Replacement value of SECOND furniture or display cases (GHc) <br> (balance_10f) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 12-32

## Literal question

SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

Ownership of THIRD furniture or display cases (balance_10g) File: GhanaRound4Single_la

# Ownership of THIRD furniture or display cases (balance_10g) File: GhanaRound4Single_la 

Overview

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

## Literal question

THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g)

## Replacement value of THIRD furniture or display cases (GHc) (balance_10h)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHC)?

## Ownership of FOURTH furniture or display cases (balance_10i) File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i)

Replacement value of FOURTH furniture or display cases (GHc) (balance_10j)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

Business has any machines or equipment ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_11a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Invalid: 0
Width: 2

## Literal question

Does your business currently have any MACHINES or EQUIPMENT? (balance_11a)

Number of different types of machine/equipment (balance_11b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b)

Ownership of FIRST machine/equipment (options: owned, rented, borrowed) (balance 11c)
File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 792 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| FIRST MACHINE/EQUIPMENT: Ownership (balance_11c) |  |

Replacement value of FIRST machine/equipment (GHc) (balance_11d)
File: GhanaRound4Single_la

## Overview

Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d)

# Ownership of SECOND machine/equipment (options: owned, rented, borrowed) (balance 11e) 

File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

SECOND MACHINE/EQUIPMENT: Ownership (balance_11e)

## Interviewer instructions

Skip if only 1 machines and equipment

# Replacement value of SECOND machine/equipment (GHc) (balance_11f) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f)

Ownership of machine/equipment (options: owned, rented, borrowed) (balance_11g)
File: GhanaRound4Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric Invalid: 792
Width: 1
Decimals: 0
Literal question
THIRD MACHINE/EQUIPMENT: Ownership (balance_11g)

## Interviewer instructions

Skip if 2 or less types of machinery and equipment

Replacement value of THIRD machine/equipment (GHc)
(balance_11h)
File: GhanaRound4Single_la
Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 792 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |

# Replacement value of THIRD machine/equipment (GHc) (balance 11h) <br> File: GhanaRound4Single_la <br> THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11h) 

# Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance_11i) 

File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 792 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH MACHINE/EQUIPMENT: Ownership (balance_11i)
Interviewer instructions
Skip if 3 or less types of machinery and equipment

# Replacement value of FOURTH machine/equipment (GHc) (balance_11j) 

File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 792 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j)

Business currently has any other equipment, tools, and utensils ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_12a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Width: 3
Invalid: 0

Literal question
Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

Number of different types of other equipment, tools or utensils (balance_12b)
File: GhanaRound4Single_la

Number of different types of other equipment, tools or utensils (balance_12b)
File: GhanaRound4Single_la

## Overview

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

## Pre question

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)
Literal question
If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b)

## Ownership of FIRST other equipment, tools or utensils (balance_12c)

File: GhanaRound4Single_la

## Overview

Format: character
Invalid: 0
Width: 5

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c)

Replacement cost of FIRST other equipment, tools or utensils (GHc) (balance_12d)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 2

Format: numeric

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d)

Ownership of SECOND other equipment, tools or utensils (balance_12e)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 787
Format: character
Invalid: 0
Width: 5

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e)

# Ownership of SECOND other equipment, tools or utensils <br> (balance_12e) 

File: GhanaRound4Single_la
Interviewer instructions
Skip if only one type of types of other equipment, tools, or utensils

## Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 3.5-3.5

Valid cases: 1
Invalid: 791
Minimum: 3.5
Maximum: 3.5

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f)

## Ownership of THIRD other equipment, tools or utensils (balance_12g)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g)
Interviewer instructions
Skip if two or less types of other equipment, tools, or utensils

Replacement cost of THIRD other equipment, tools or utensils (GHc) (balance_12h)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)?
(balance_12h)

## Ownership of FOURTH other equipment, tools or utensils (balance_12i) <br> File: GhanaRound4Single_la <br> Overview <br> Type: Discrete <br> Format: numeric <br> Width: 1 <br> Decimals: 0 <br> Literal question <br> FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i)

## Interviewer instructions

Skip if 3 or less types of other equipment, tools, or utensils

# Replacement cost of FOURTH other equipment, tools or utensils (GHc) (balance_12j) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)?
(balance_12j)

# Automatic sum of assets, excluding land, buildings and market space (balance_13a) 

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-57.5

Valid cases: 7
Invalid: 785
Minimum: 0
Maximum: 57.5

## Literal question

PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space.

Verification: accuracy of 'balance_13a' (balance_13b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Invalid: 0
Width: 8

## Literal question

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

# What has been missed or double-counted? (balance_13c) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Pre question

The sum of the funds and assets listed, excluding land, buildings and market space, is GHc \{balance_13a\}. Does this seem accurate, or have we missed or double-counted something? (balance_13b)

## Literal question

What have we missed or double-counted? (balance_13c)

Estimate:total replacement cost of assets(excl. land, buildings or market space) (balance_13d)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d)

Bus. holds products for sale,raw materials,products in production or spare parts (balance_14a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 749
Format: character
Width: 3

## Literal question

When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a)

## Total purchase cost of stocks and inventories (GHc) (balance 14b) File: GhanaRound4Single_la

## Overview

Type: Continuous Valid cases: 6

## Pre question

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)
Literal question

# Total purchase cost of stocks and inventories (GHc) (balance 

File: GhanaRound4Single_la
What is the total purchase cost of these goods (GHc)? (balance_14b)

# Jump to inventories clarification if zero inventories (1). (jumptoinventoriesclarificationif) <br> File: GhanaRound4Single_la 

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 792 |
| Width: 1 |  |

# Value of items on hand to sell (GHc) (balance_14c) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c)

Cash for business (Includes cash held at home, at the bank or with a susu) (balance_14d)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 7
Format: numeric
nvalid: 785
Width: 3
Decimals: 0
Range: 0-200

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(balance_14d)
(hours_stopwatch)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0

Valid cases: 0
Invalid: 792

# Days spent working in the business - LAST week (business_6a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 556
Format: numeric
Invalid: 236
Width: 1
Decimals: 0
Range: 0-7

## Literal question

How many hours a week do you personally spend working in the business?
Days worked

Hours spent working in the business per day - LAST week
(business_6b)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 559
Format: numeric
Invalid: 233
Width: 2
Minimum: 0
Decimals: 0
Maximum: 60

Range: 0-60

## Literal question

How many hours a week do you personally spend working in the business?
Hours per day

Total hours spent working in the business - LAST week
(business_6c)
File: GhanaRound4Single_la

## Overview

Type: Continuous

## Valid cases: 607

Format: numeric
Invalid: 185
Width: 3
Minimum: 0
Decimals: 0
Maximum: 119
Range: 0-119

## Literal question

How many hours a week do you personally spend working in the business?
Total hours (Number of days * Hours per day)

Days spent working full effort in the business - FULL EFFORT
LAST WEEK (business_8a)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 506
Format: numeric
Invalid: 286
Width: 2
Minimum: 0
Decimals: 0
Maximum: 45

# Days spent working full effort in the business - FULL EFFORT LAST WEEK (business_8a) 

File: GhanaRound4Single_la
In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Days worked

## Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 511
Format: numeric
Invalid: 281
Width: 2
Minimum: 0
Decimals: 0
Maximum: 62

## Range: 0-62

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Hours of full effort per day

# Total hours of full effort - FULL EFFORT LAST WEEK (business 8c) 

## File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 620 |
| :--- | :--- |
| Format: numeric | Invalid: 172 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 119 |
| Range: $0-119$ |  |
| Literal question |  |
| In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, |  |
| doing housework, etc. |  |
| FULL EFFORT LAST WEEK: |  |
| Total hours (Number of days * Hours per day) |  |

Apart from respondent, any other unpaid or paid workers in the business (otherworkers_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0

## Width: 3

## Literal question

Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1)

Hours in total household members apart from resp. worked in business last week (otherworkers_2)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 790
Format: character
Invalid: 0
Width: 8

## Literal question

How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2)

# Number of hours in total apprentices worked in the business (otherworkers_3) 

## File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 792
Format: character
Invalid: 0
Width: 6

## Literal question

How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3)

Number of hours in total non-household paid employees worked in the business (otherworkers_4)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 791
Format: character
Invalid: 0
Width: 5

## Literal question

How many hours in total did non-household paid employees work in the business?

Number of days business was not operating in July 2009 (business_11)
File: GhanaRound4Single_la

## Overview

## Literal question

For how many days was your business NOT operating in April 2009? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11)

## Interviewer instructions

If none, skip over questions about business closure.

Number of days business was closed because respondent was ill (business_12a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 762
Format: character
Invalid: 0
Width: 45

## Literal question

For how many days was the business closed because you were ill? (business_12a)

Number of days business was closed because someone else was ill (business_12b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 775
Format: character
Invalid: 0
Width: 10

## Literal question

For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b)

Number of days business was closed because of other family or community events (business_12c)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 786
Format: character
Invalid: 0

## Literal question

For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c)
(expenses_stopwatch)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 8

Purchase of raw materials and items for resale - Monthly expenses for July 2009 (income_3a)
File: GhanaRound4Single_la

## Overview

# Purchase of raw materials and items for resale - Monthly expenses for July 2009 (income_3a) 

File: GhanaRound4Single_la
Type: Discrete Valid cases: 790
Format: character
Width: 11
Invalid: 0

## Literal question

Purchase of raw materials and items for resale: (income_3a)

Purchase of electricity, water, gas and fuel - Monthly expenses for July 2009 (income_3b)
File: GhanaRound $\overline{4}$ Single_la

## Overview

Type: Continuous
Valid cases: 701
Format: numeric
Invalid: 91
Width: 3
Minimum: 0
Decimals: 0
Maximum: 360
Range: 0-360

## Literal question

Purchase of electricity, water, gas and fuel: (income_3b)

Payments to employees and apprentices - Monthly expenses for July 2009 (income_3c)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 792
Format: character
Invalid: 0
Width: 5

## Literal question

Payments to employees and apprentices: (income_3c)

Expenditure on telephone and cellphone airtime - Monthly expenses for July 2009 (income_3d)
File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 688 |
| :--- | :--- |
| Format: numeric | Invalid: 104 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 300 |
| Range: $0-300$ |  |

## Literal question

Expenditure on telephone and cellphone airtime: (income_3d)

Maintenance, repair, and transportation - Monthly expenses for July 2009 (income_3e)
File: GhanaRound 4 Single_la

## Overview

Type: Continuous

```
Valid cases: 713
```

Format: numeric
Invalid: 79
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

Literal question<br>Maintenance, repair, and transportation: (income_3e)

# Rent of machinery and equipment - Monthly expenses for July 2009 (income_3f) 

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-60

## Literal question

Rent of machinery and equipment: (income_3f)

# Interest paid on loans(in GHc,not percentage terms) - Monthly expenses,Jul. 2009 (income_3g) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous Valid cases: 614

Format: numeric
Invalid: 178
Width: 3
Minimum: 0
Decimals: 0
Range: 0-250

Valid cases: 617
Invalid: 175
Minimum: 0
Maximum: 60

## Literal question

Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g)

Gifts,tips and bribes given to gov. officials - Monthly expenses for July 2009 (income_3h)
File: GhanaRound4 4 Single_la

## Overview

Type: Discrete
Valid cases: 791
Format: character
Invalid: 0

## Literal question

Gifts, tips and bribes given to government officials: (income_3h)

# Automatic sum of total monthly expenses (income_3i) File: GhanaRound4Single_la 

Overview
Type: Discrete Valid cases: 784
Format: character
Invalid: 0
Width: 18

## Literal question

Automatically sum the total monthly expenses (income_3i)

# Verification: Sum of the expenses just listed for last month was accurate (income_3j) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 743
Format: character
Invalid: 0

## Literal question

The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j)

# Estimate of total of expenses for the last month (income_3k) <br> File: GhanaRound4Single_la 

## Overview

| Type: Continuous | Valid cases: 6 |
| :--- | :--- |
| Format: numeric | Invalid: 786 |
| Width: 3 | Minimum: 35 |
| Decimals: 0 | Maximum: 180 |

Range: 35-180

## Literal question

What do you estimate to be the total of these expenses for the last month? (income_3k)
(sales_stopwatch)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Valid cases: 744

Invalid: 0

Total monthly sales of the business (Including sales of services) GHc- July 2009 (income_2a)
File: GhanaRound4Single_la
Type: Discrete Valid cases: 790
Format: character
Invalid: 0
Width: 11

## Literal question

What were the total monthly sales of your business? Include sales of services.
For July 2009 (GHc) (income_2a)

# Total monthly sales of the business (Including sales of services) GHc- June 2008 (income_2b) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 789
Format: character
Invalid: 0
Width: 11

## Literal question

What were the total monthly sales of your business? Include sales of services.
For June 2009 (GHc) (income_2b)

Total monthly sales of the business (Including sales of services) GHc- May 2008 (income_2c)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 790
Format: character Invalid: 0 Width: 5

## Literal question

What were the total monthly sales of your business? Include sales of services. For May 2009 (GHc) (income_2c)
(percentage_sales)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 790
Format: character
Invalid: 0 Width: 12
(neg_percentage_sales)
File: GhanaRound4Single_la

## Overview

(neg_percentage_sales)
File: GhanaRound4Single_la
Type: Continuous Valid cases: 716
Format: numeric
Invalid: 76
Width: 5
Minimum: -3000
Decimals: 0
Maximum: 3

## Valid cases: 716

Invalid: 76
Minimum: 0
Maximum: 8100000000

# Verification: Substantial percentage change in sales is correct (sales_1) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 413
Format: character
Invalid: 0
Width: 22

## Literal question

You said sales for July 2009 were X, and in the last survey you told us sales for April 2009 were Y. Is it correct that your sales have changed this much? (sales_1)

April 2009 sales if sales_1==No (sales_2)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 95-5800

Valid cases: 11
Invalid: 781
Minimum: 95
Maximum: 5800

## Pre question

You said sales for July 2009 were X, and in the last survey you told us sales for April 2009 were Y. Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think July 2009 and April 2009 sales actually were?
April 2009 sales: (sales_2)

July 2009 sales if sales_1==No (sales_3)
File: GhanaRound4Single_la
Overview

# July 2009 sales if sales_1==No (sales_3) 

## File: GhanaRound4Single_la

Type: Continuous Valid cases: 11
Format: numeric
Invalid: 781
Width: 4
Minimum: 125
Decimals: 0
Maximum: 6000
Range: 125-6000

## Pre question

You said sales for January 2009 were X, and in the last survey you told us sales for September/October 2008 were Y. Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? July 2009 sales: (sales_3)

## (product_stopwatch)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 8

## Most important product or service sold still same as in Round 3 (product_1)

## File: GhanaRound4Single la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 3

## Literal question

In the last survey, you told us that the most important product or service you sold was [x]. Is this still your most important product or service? (product_1)

## Repeat if blank. (repeatifblank)

File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric Invalid: 792

Name of most important product or service (income_7a)
File: GhanaRound4Single_la

## Overview

Name of most important product or service (income_7a)
File: GhanaRound4Single_la
Literal question
MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a)

Unit of most important product or service (income_7b_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 751
Format: character
Invalid: 0
Width: 47

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE Unit: (income_7b_1)

Sale price per unit (GHc) of most important product or service (income_7b_2)
File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 743 |
| :--- | :--- |
| Format: numeric | Invalid: 49 |
| Width: 4 | Minimum: 0 |
| Decimals: 0 | Maximum: 2400 |
| Range: $0-2400$ |  |

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE Sale price per unit (GHc): (income_7b_2)

Cost of raw materials for one unit (GHc) of most important product or service (income_7c)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 791
Format: character Width: 16

Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c)

Verification: Correct that product is sold for less than bought (income_7d)
File: GhanaRound4Single_la

## Overview

# Verification: Correct that product is sold for less than bought (income 7d) 

File: GhanaRound4Single_la
You have told me that you sell this product for less than you buy it. Is this correct? (income_7d)

Verification: Correct that product is sold for the same price as bought (income_7e)
File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 738 |
| :--- | :--- |
| Format: character | Invalid: 0 | Width: 20

## Literal question

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e)

Verification: Correct that materials for this product cost nothing (income 7f)
File: GhanaRound4Single_la

## Overview

## Literal question

You have told me that the materials for this product cost nothing. Is this correct? (income_7f)

Units sold in the last month of most important product or service (income 7g)
File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 783 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 29 |  |

Width: 29

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g)

Share of most important product or service in total sales (\%)
(income 7h)
File: GhanaRound4Single_la

# Share of most important product or service in total sales (\%) (income 7h) 

File: GhanaRound4Single_la
Type: Continuous Valid cases: 519
Format: numeric
Invalid: 273
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h)

# Jump to end if previous is blank. (jumptoendifpreviousisblank) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Jump to error message if share negative.
(jumptoerrormessageifsharenegativ)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792

Width: 1
Decimals: 0
(percentage_price)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 737

## Overview

Type: Continuous
Valid cases: 677
Format: numeric
Invalid: 115
Width: 6
Minimum: -25497
Decimals: 0
Maximum: 3
Range: -25497-3
(change_price_sq)
File: GhanaRound4Single_la
Overview
Type: Continuous
Valid cases: 677
Format: numeric
Invalid: 115
Width: 10
Minimum: 0
Decimals: 0
Maximum: 2499400036

# Verification: Sale price for main product changed substantially (prices_1) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 448
Format: character
Width: 22
Invalid: 0

## Literal question

You said that the sale price for your main product in July 2009 was X GHc. In the previous survey, you told us that the sale price for your main product for April was Y GHc. Is it correct that the sale price for your main product has changed this much? (prices_1)

Correct price for main product (GHc) - April 2009 (prices_2) File: GhanaRound4Single_la

## Overview

Type: Continuous Valid cases: 61
Format: numeric Invalid: 731
Width: 12
Minimum: 0.1
Decimals: 0
Maximum: 500
Range: 0.0500000007-500

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
April 2009 price for your main product (GHc): (prices_2)

Correct price for main product (GHc) - July 2009 (prices_3) File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 788
Format: character
Invalid: 0
Width: 20

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
July 2009 price for your main product: (prices_3)

Started manufacturing/selling new product/offering new service in last 3 months (product_2)
File: GhanaRound4Single_la

## Started manufacturing/selling new product/offering new service in

 last 3 months (product_2)File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 3

## Literal question

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

## Jump: Repeat if blank (2) (jumprepeatifblank2)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

# Type/Name of new product(s) or service(s) (product_3) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 544
Format: character
Invalid: 0
Width: 47

## Pre question

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

## Literal question

What is/are the new product(s) or service(s)? (product_3)

```
Percentage of total sales made by the new product(s) or service(s) (product_4)
File: GhanaRound4Single_la
```


## Overview

Type: Continuous
Valid cases: 40
Invalid: 752
Minimum: 10
Maximum: 100

$$
0
$$

Range: 10-100

## Literal question

What percentage of total sales do the new product(s) or service(s) make? (product_4)
(income_stopwatch)
File: GhanaRound4Single_la

## (income_stopwatch)

File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 8

# Question on profits answered ( $1=$ Yes, $2=$ No) (income_4a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0

## Width: 40

## Literal question

After paying all expenses, what was the income of the business (the profits) during April 2009 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a)

## Profit during July 2009 (income_4b) <br> File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1700

## Literal question

After paying all expenses, what was the income of the business (the profits) during July 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Profit: (income_4b)

## Profit range [Categories provided] (income_4c) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 726
Format: character
Width: 32

## Literal question

After paying all expenses, what was the income of the business (the profits) during July 2009 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Was the amount: (income_4c)

## Proportion of profits that is typically invested into the business (income_4d) <br> File: GhanaRound4Single_la

## Overview

# Proportion of profits that is typically invested into the business (income 4d) 

File: GhanaRound4Single_la

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-900

Valid cases: 743
Invalid: 49
Minimum: 0
Maximum: 900

## Pre question

After paying all expenses, what was the income of the business (the profits) during April 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.

## Literal question

What proportion of this amount do you typically invest in your business (\%)? (income_4d)

# 'income_4d' included value of goods or serv. that resp. and household consumed (income_4e) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 744
Format: character
Width: 3
Invalid: 0

## Pre question

What proportion of this amount do you typically invest in your business (\%)?

## Literal question

In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business?

Value of goods and services that resp. and household consumed Jul. 2009 (income_4f)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 115
Format: numeric
Invalid: 677
Width: 3
Decimals: 0
Range: 0-240

## Literal question

What was the value of the goods and services that you and your household consumed from the business in July 2009? (income_4f)
Correct value for sales in July 2009 (income ..... _5c)
File: GhanaRound4Single_la

## Overview

# Correct value for sales in July 2009 (income_5c) File: GhanaRound4Single_la 

Literal question
What is the correct value for sales in July 2009? (income_5c)

# Correct value for profits in July 2009 (income_5d) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 784
Format: character
Invalid: 0
Width: 5

## Literal question

What is the correct value for profits in July 2009? (income_5d)

Correct value for sales in July 2009 (income_6c)
File: GhanaRound4Single_la

## Overview

Type: Continuous Valid cases: 16

Format: numeric
Invalid: 776
Width: 4
Minimum: 0
Decimals: 0
Maximum: 5100
Range: 0-5100

## Literal question

What is the correct value for sales in July 2009? (income_6c)

# Correct value for profits in July 2009 (income_6d) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 14
Format: numeric
Invalid: 778
Width: 3
Minimum: 0
Decimals: 0
Maximum: 900
Range: 0-900

## Literal question

What is the correct value for profits in July 2009? (income_6d)

## (percentage profit)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Invalid: 96
Width: 3
Minimum: -1
Decimals: 0
Maximum: 300
Range: -1-300

## (neg_percentage_profit)

## File: GhanaRound4Single_la

Overview
Type: Continuous
Valid cases: 701
Format: numeric
Invalid: 91
Width: 4
Minimum: -900
Decimals: 0
Maximum: 3
(change_profit_sq)
File: GhanaRound4Single_la

## Overview

Type: Continuous

## Valid cases: 702

Format: numeric
Invalid: 90
Width: 10
Minimum: 0
Decimals: 0
Maximum: 8099460009

Verification: percentage change in profits is correct if it is significant (profits_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 390
Format: character
Width: 22

## Literal question

You said that profits for April 2009 were X. In the previous survey, you told us that profits for [month] were Y. Is it correct that your profit has changed this much?

## April 2009 profits if profits $1==$ No (profits 2)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 10-550

Valid cases: 13
Invalid: 779
Minimum: 10
Maximum: 550

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
[earlier month] 2009 profit:

July 2009 profits if profits_1==No (profits_3)
File: GhanaRound4Single_la
Overview

# July 2009 profits if profits_1==No (profits_3) <br> File: GhanaRound4Single_la 

Type: Continuous Valid cases: 13
Format: numeric
Invalid: 779
Width: 3
Minimum: 16
Decimals: 0
Maximum: 450
Range: 16-450

## Literal question

You have indicated that there was a mistake. Please enter the correct values. July 2009 profit

## LookupRound3Profit (lookupround3profit)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-90000

Valid cases: 702
Invalid: 90
Minimum: 0
Maximum: 90000

Jump to round 3 profits if round 3 missing.
(jumptoround3profitsifround3missi)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## (profits 4)

File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 784
Format: character
Invalid: 0
Width: 4

## (profits_5)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 770
Format: character
Invalid: 0
Width: 45

## LookupRound3Sales (lookupround3sales)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-250000

Valid cases: 728
Invalid: 64
Minimum: 0
Maximum: 250000

## (profits_6)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 12
Format: numeric
Invalid: 780
Width: 4
Minimum: 30
Decimals: 0
Maximum: 1500
Range: 30-1500

## (profits_7) <br> File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 24
Format: numeric
Invalid: 768
Width: 6
Minimum: 0
Decimals: 0
Maximum: 300000
Range: 0-300000

Number of businesses owned (income_12a)
File: GhanaRound4Single_la

## Overview

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

## Literal question

How many businesses do you own? (income_12a)
[skip if only one]

Valid cases: 742
Invalid: 50

# Money taken home from other businesses in July (income_12b) File: GhanaRound4Single_la 

## Overview

## Type: Continuous

Valid cases: 53
Format: numeric
nvalid: 739
Minimum: 0
Decimals: 0
Range: 0-1000

Maximum: 1000

# Money taken home from other businesses in July (income_12b) File: GhanaRound4Single_la <br> Literal question <br> How much money did you take home from these other businesses in July? Include the money you saved or gave to family and friends. (income 12b) 

Any free goods or serv. given to non-members of resp.'s household - July 2009 (income_10a)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0

## Literal question

In July 2009, did you give any free goods or services to non-members of your household? (income_10a)

Approximate sale value of the goods and services given for free (GHc) (income_10b)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-200

Valid cases: 165
Invalid: 627
Minimum: 1
Maximum: 200

## Literal question

What is the approximate sale value of the goods and services given for free (GHc)? (income_10b)

Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (income_13a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character Invalid: 0
Width: 3

## Literal question

Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a)

Total income made from renting land or rooms in July 2009 (income_13b)
File: GhanaRound4Single_la
Overview

# Total income made from renting land or rooms in July 2009 (income_13b) 

File: GhanaRound4Single_la

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1600

## Valid cases: 13

Invalid: 779
Minimum: 0
Maximum: 1600

## Literal question

In July 2009, what was your total income you made from renting land or rooms? (income_13b)

# Anyone other than employees used any business assets, during past 3 months (reciprocity_1) <br> File: GhanaRound4Single_la 

## Overview

```
Type: Discrete Valid cases: 744
Valid cases: 744
```

Format: character
Width: 3
Invalid: 0

## Literal question

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

## Types of assets used (reciprocity_2) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 698
Format: character
Invalid: 0
Width: 40

## Pre question

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

## Literal question

(If yes) which of the following types of assets did they use? (Please tick all that apply.) (reciprocity_2)

## Frequency of usage (reciprocity_3) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 698
Format: character
Invalid: 0
Width: 74

## Pre question

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

## Literal question

(If yes) Which of the following apply? (reciprocity_3)

# Respondent received rental income as compensation for use of any of the assets (reciprocity_4) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 3

## Literal question

Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4)

## Revenue from rental of business assets in July (GHc) (reciprocity_5)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 790
Width: 2
Minimum: 12
Decimals: 0
Maximum: 50
Range: 12-50

## Pre question

Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4)

## Literal question

(If yes) During July, what was your revenue from rental of business assets? (GhC) (reciprocity_5)

# Included revenue from rental in the business income reported earlier (reciprocity_6) 

## File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 785
Format: character
Invalid: 0
Width: 3

## Literal question

Have you included the revenue from rental in the business income you reported earlier? (reciprocity_6)

Received other compensation (reciprocity_7)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0

## Width: 3

## Literal question

Did you receive some other compensation, such as gifts, household services, or the use of assets of another business? (reciprocity_7)

# (inventories stopwatch) <br> File: GhanaRound4Single_la 

Overview
Type: Discrete Valid cases: 744
Format: character
Invalid: 0
Width: 8

## Bus. holds products for sale,raw materials, products in production or spare parts (inventories 1)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 743
Format: character
Invalid: 0
Width: 3

## Literal question

When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1)

## Total purchase cost of inventories (GHc) (inventories 2)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 790
Format: character
Invalid: 0
Width: 11

## Literal question

What is the total purchase cost of these goods (GHc)? (inventories_2)

Value of items on hand to sell (GHc) (inventories_3)
File: GhanaRound4Single_la

## Overview

Format: character
Invalid: 0
Width: 23

## Literal question

You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3)
(percentage_inventories)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 790
Format: character
Invalid: 0 Width: 12
(neg_percentage_inventories)
File: GhanaRound4Single_la
Overview
Type: Continuous
Valid cases: 626
Format: numeric
Invalid: 166
Width: 11
Minimum: -2997
Decimals: 0
Maximum: 3
(change_inventories_sq)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Invalid: 166
Width: 12
Minimum: 0
Decimals: 0
Maximum: 122500000000

# Verification: Change in inventories holding is correct (inventories_5) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 410
Format: character
Invalid: 0

## Literal question

You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number ' $Y$ ' was looked up correctly to trigger the check, but then referenced wrongly in this question.]
Is is correct that your inventories holding has changed that much? (inventories_5)

## Correct total purchase cost of inventories held at the start of business today (inventories_6) <br> File: GhanaRound4Single_la

## Overview

## Type: Continuous

Valid cases: 16
Format: numeric
Invalid: 776
Width: 4
Minimum: 9
Decimals: 0
Maximum: 1200

## Range: 9-1200

## Literal question

You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

# Correct value for previous survey (inventories_7) 

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 10-1900

## Valid cases: 19

Invalid: 773
Minimum: 10
Maximum: 1900

## Pre question

What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

## Literal question

What was the correct value for the previous survey? (inventories_7)

Cash currently hold for the business (inventories_4)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 790
Format: character Width: 6

Invalid: 0

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.) (inventories_4)

## (percentage_cash) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Width: 12

Valid cases: 790
Invalid: 0
(neg_percentage_cash)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 706
Format: numeric
Invalid: 86
Width: 5
Minimum: -2400
Decimals: 0
Range: -2400-3
Maximum: 3
(change_cash_sq)
File: GhanaRound4Single_la
Overview
(change_cash_sq)
File: GhanaRound4Single_la

Type: Continuous
Valid cases: 706
Format: numeric
Invalid: 86
Width: 11
Decimals: 0
Range: 0-22500000000

Minimum: 0
Maximum: 22500000000

# Verification: change in cash holding is correct (cash_1) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 441
Format: character
Invalid: 0
Width: 22

Correct value of cash currently available (cash_2)
File: GhanaRound4Single_la

## Overview

Type: Continuous

```
Valid cases: 25
```

Format: numeric
Invalid: 767
Width: 3
Minimum: 20
Decimals: 0
Maximum: 700
Range: 20-700

## Literal question

You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2)
(cash_3)
File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 25 |
| :--- | :--- |
| Format: numeric | Invalid: 767 |
| Width: 3 | Minimum: 5 |
| Decimals: 0 | Maximum: 500 |

Range: 5-500

## (assets_stopwatch)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 8

# Add. land/buildings/furniture/machines/equip./tools/other assets since May (assets_1) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 744
Invalid: 0

## Literal question

Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our May interview? (assets_1)

## Interviewer instructions

[Enumerator: note, this should not include raw materials and inventories]

# Business acquired any land or market space used by the business since May (assets_2a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character Width: 3

Valid cases: 607
Invalid: 0

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]?
Land or market space

# Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_2b) 

## File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 760
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Land or market space

## Purchase cost of land or market space (GHc) (assets_2c) <br> File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1000

## Valid cases: 5

Invalid: 787
Minimum: 0
Maximum: 1000

## Literal question

What is the purchase cost of [x]? (GHc)
Land or market space

# Business acquired any kiosk,shed or building used by the business since May (assets_3a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 607
Format: character
Width: 3

Invalid: 0

## Literal question

Did your business acquire any [ X ] used by the business since [earlier interview]?
Kiosk, shed or building

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_3b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 748
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Kiosk, shed or building

Purchase cost of kiosk,shed or building (GHc) (assets_3c)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 5
Format: numeric
Invalid: 787
Width: 4
Minimum: 20
Decimals: 0
Maximum: 1500
Range: 20-1500

## Literal question

What is the purchase cost of [x]? (GHc)
Kiosk, shed or building

# Business acquired any furniture and display cases used by the business since May (assets_4a) <br> File: GhanaRound4Single_la 

## Overview

| Type: Discrete | Valid cases: 607 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 3 |  |
| Literal question |  |
| Did your business acquire any $[\mathrm{X}]$ used by the business since [earlier interview]? |  |
| Furniture and display cases |  |

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_4b)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 748
Format: character
Invalid: 0
Width: 49

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Furniture and display cases

## Purchase cost of furniture and display cases (GHc) (assets_4c) File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 8
Format: numeric
Invalid: 784
Width: 3
Minimum: 15
Decimals: 0
Range: 15-200
Maximum: 200

## Literal question

What is the purchase cost of [x]? (GHc)
Furniture and display cases

# Business acquired any machines and equipment used by the business since May (assets_5a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 607
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business acquire any [ X ] used by the business since [earlier interview]?
Machines and equipment

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_5b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 705
Format: character
Invalid: 0
Width: 49

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Machines and equipment

Purchase cost of machines and equipment (GHc) (assets_5c) File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-350

## Literal question

What is the purchase cost of [x]? (GHc)
Machines and equipment

Valid cases: 16
Invalid: 776
Minimum: 0
Maximum: 350

Business acquired any other equipment, tools and utensils since May (assets_6a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 607
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business acquire any [ X ] used by the business since [earlier interview]?
Other equipment, tools and utensils

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_6b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 733
Format: character
Invalid: 0
Width: 49

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Other equipment, tools and utensils

Purchase cost of other equipment, tools and utensils (GHc) (assets 6c)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 14
Format: numeric
Invalid: 778
Width: 11
Minimum: 1.2
Decimals: 0
Maximum: 150
Range: 1.200000048-150

## Literal question

What is the purchase cost of [x]? (GHc)
Other equipment, tools and utensils

# Disp. of land/build./furniture/machines/equip./tools/other assets since May (assets_7) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 3

## Literal question

Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_7)

## Interviewer instructions

[Enumerator: note, this should not include raw materials and inventories]

# Sold/returned/lost/otherwise disposed of any land or market space since May (assets_8a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 684
Format: character
Invalid: 0

## Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Land or market space

## Way of sale, loss or damage (assets_8b) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 782
Format: character
Invalid: 0

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space

# Sale price or value of land or market space (GHc) (assets_8c) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 788
Format: character
Invalid: 0
Width: 12

## Literal question

What is the sale price or value of [ x$]$ ? ( GHc )
Land or market space

# Sold/returned/lost/otherwise disposed of kiosk,shed or building since May (assets_9a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 684
Format: character
Invalid: 0

## Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Kiosk, shed or building

## Way of sale, loss or damage (assets_9b) <br> File: GhanaRound4Single_la

## Overview

```
Type: Discrete Valid cases: 785
Format: character Invalid: 0
```

Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building

Sale price or value of kiosk,shed or building (GHc) (assets_9c) File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 790
Width: 2
Minimum: 30
Decimals: 0
Maximum: 60
Range: 30-60

## Literal question

What is the sale price or value of [x]? (GHc)
Kiosk, shed or building

## Sold/returned/lost/otherwise disposed of furnit. and display cases since May (assets_10a) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 684
Format: character
Invalid: 0

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since
[the earlier interview?]
Furniture and display cases

## Way of sale, loss or damage (assets_10b) <br> File: GhanaRound4Single_la

Overview
Type: Discrete Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases

# Sale price or value of furniture and display cases (GHc) (assets 10c) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0
Literal question
What is the sale price or value of [x]? (GHc)
Furniture and display cases

Sold/returned/lost/otherwise disposed of any machines and equip. since May (assets 11a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Machines and equipment

# Way of sale, loss or damage (assets_11b) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 755
Format: character
Invalid: 0

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment

# Sale price or value of machines and equipment (GHc) (assets_11c) 

 File: GhanaRound4Single_la
## Overview

Type: Discrete
Valid cases: 788
Format: character
Width: 37
Invalid: 0

## Literal question

What is the sale price or value of $[\mathrm{x}]$ ? ( GHc )
Machines and equipment

Sold/returned/lost/otherwise disp. of other equip.,tools, utensils since May (assets_12a)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 691
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Other equipment, tools and utensils

# Way of sale, loss or damage (assets_12b) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 763
Format: character
Invalid: 0
Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils

Sale price or value of other equipment, tools and utensils (GHc) (assets_12c)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 788
Width: 3
Minimum: 15
Decimals: 0
Range: 15-400
Maximum: 400

## Literal question

What is the sale price or value of [ x$]$ ? ( GHc )
Other equipment, tools and utensils
(credit_stopwatch)
File: GhanaRound4Single_la
Overview
Type: Discrete Valid cases: 744
Format: character
Invalid: 0
Width: 8

## Respondent uses susu collector to deposit money (1=Yes, $2=$ No) (credit 1)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Invalid: 0
Width: 3

## Literal question

Do you use a susu collector to deposit money? (credit_1)

Jump if no susu collector. (jumpifnosusucollector)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Average deposit made with the susu collector each day during July 2009 (GHc) (credit 2)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-20

Valid cases: 376
Invalid: 416
Minimum: 0
Maximum: 20

## Literal question

On average, how much did you deposit with the susu collector each day during July 2009 (GHc)? (credit_2)

Received a new loan from a bank since May ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (credit 3)
File: GhanaRound4Single_la

## Overview

# Received a new loan from a bank since May (1=Yes, $2=\mathrm{No}$ ) (credit 3) 

File: GhanaRound4Single_la
Literal question
Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

Amount of the loan from bank (credit_4) File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 788
Width: 4
Minimum: 200
Decimals: 0
Maximum: 1000
Range: 200-1000

## Pre question

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

## Literal question

If yes, what was the amount of the loan? (credit_4)

# Received a new loan from a microfinance organization since May (1=Yes, 2=No) (credit_5) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 3

## Literal question

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5)

# Amount of the loan from microfinance organization (credit_6) File: GhanaRound4Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 200-1000

## Valid cases: 4

Invalid: 788
Minimum: 200
Maximum: 1000

## Pre question

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5)

## Literal question

If yes, what was the amount of the loan? (credit_6)

# Received a new loan from family or friends for the business since May (credit 7) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0
Width: 3

## Literal question

Have you received a new loan from family or friends for the business since May? (credit_7)

# Amount of the loan from family or friends (credit_8) File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 9
Format: numeric
Invalid: 783
Width: 3
Minimum: 20
Decimals: 0
Maximum: 500
Range: 20-500

## Pre question

Have you received a new loan from family or friends for the business since May? (credit_7)

## Literal question

If yes, what was the amount of the loan? (credit_8)
(expenditure_stopwatch)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 744
Format: character
Invalid: 0

# Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 792
Format: character
Invalid: 0
Width: 11

## Literal question

Last week:
How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)?
(household_2a)

# Last WEEK'S household expenditure on: Food and drink consumed outside the home (household 2b) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

## Literal question

Last week:
How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b)

## Last MONTH's household expenditures on: Housing (household 3a)

File: GhanaRound4Single_la

## Overview

Format: character
Invalid: 0
Width: 11

## Literal question

How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a)

## Last MONTH's household expenditures on: Fuel and Light (household 3b)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-290

Valid cases: 742
Invalid: 50
Minimum: 0
Maximum: 290

## Literal question

How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b)

> Last MONTH's household expenditures on: Non-durable household goods (household_3c)
> File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-50

Valid cases: 721
Invalid: 71
Minimum: 0
Maximum: 50

# Last MONTH's household expenditures on: Non-durable household goods (household_3c) 

File: GhanaRound4Single_la
Literal question
How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c)

## Last MONTH's household expenditures on: Communication (household_3d)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-302

Valid cases: 732
Invalid: 60
Minimum: 0
Maximum: 302

## Literal question

How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal)

## Last MONTH's household expenditures on: Recreation and entertainment (household_3e)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 727
Format: numeric
Invalid: 65
Width: 3
Minimum: 0
Decimals: 0
Range: 0-120
Maximum: 120

## Literal question

How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery)

Last MONTH's household expenditures on: Transport
(household_3f)
File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 698 |
| :--- | :--- |
| Format: numeric | Invalid: 94 |
| Width: 2 | Minimum: 0 |
| Decimals: 0 | Maximum: 60 |
| Range: $0-60$ |  |

## Literal question

How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees)

# Last MONTH's household expenditures on: Household services (household 3g) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character Width: 3

Valid cases: 785
Invalid: 0

## Literal question

How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g)

Last MONTH's household expenditures on: Personal care services (household 3h)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-135

Valid cases: 734
Invalid: 58
Minimum: 0
Maximum: 135

## Literal question

How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h)

## Last MONTH's household expenditures on: Contributions to associations (household 3i)

## File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 724 |
| :--- | :--- |
| Format: numeric | Invalid: 68 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 200 |
| Range: $0-200$ |  |
| Literal question |  |
| How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) |  |
| (GHC)? (household_3i) |  |

Over past THREE MONTHS household expenditures on: Clothing and textiles (household 4a)
File: GhanaRound4Single_la

## Overview

Type: Continuous

# Over past THREE MONTHS household expenditures on: Clothing and textiles (household 4a) 

File: GhanaRound4Single_la
Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a)

# Over past THREE MONTHS household expenditures on: Footwear (household_4b) 

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-250

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b)

## Over past THREE MONTHS household expenditures on:

Funerals,weddings,ceremonies (household_4c)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 696
Format: numeric
Invalid: 96
Minimum: 0

Valid cases: 733
Invalid: 59
Minimum: 0
Maximum: 250

Width: 4
Decimals: 0
Range: 0-1300

Maximum: 1300

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c)

## Over past THREE MONTHS household expenditures on: Electronic goods (household 4d) <br> File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 692
Format: numeric
Invalid: 100
Width: 3
Minimum: 0
Decimals: 0
Maximum: 160
Range: 0-160

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d)

# Over past THREE MONTHS household expenditures on: <br> Household furnishings (household_4e) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 699
Format: numeric
Invalid: 93
Width: 2
Minimum: 0
Decimals: 0
Maximum: 60
Range: 0-60

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e)

## Over past THREE MONTHS household expenditures on:

Household appliances (household_4f)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 699
Format: numeric
Invalid: 93
Width: 3
Minimum: 0
Decimals: 0
Maximum: 600
Range: 0-600

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f)

## Over past THREE MONTHS household expenditures on: Vehicles (household_4g)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 699
Format: numeric
Invalid: 93
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)?
(household_4g)

Over past THREE MONTHS household expenditures on: Health expenses (household_4h)
File: GhanaRound4Single_la

## Overview

# Over past THREE MONTHS household expenditures on: Health expenses (household_4h) 

File: GhanaRound4Single_la
Type: Continuous
Valid cases: 726
Format: numeric
Invalid: 66
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1250
Range: 0-1250

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h)

## Over past THREE MONTHS household expenditures on: <br> Education (household_4i)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 715
Format: numeric
Invalid: 77
Width: 4
Minimum: 0
Decimals: 0
Maximum: 2200
Range: 0-2200

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHC)? (household_4i)
(transfers_stopwatch)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 738
Format: character
Width: 8

Made payments in cash or goods to people living outside household, past 3 months (transfers_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 738
Format: character
Invalid: 0
Width: 3
Invalid: 0

## Literal question

During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1)

Repeat if blank. (v264)
File: GhanaRound4Single_la

Repeat if blank. (v264)
File: GhanaRound4Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric Invalid: 792
Width: 1
Decimals: 0

## Transfer made to (transfers_2)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 446
Format: character
Invalid: 0

## Width: 36

## Pre question

During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1)

## Literal question

To whom did you make the transfers? (transfers_2)

Approximate amount of cash given to people outside the household, past 3 months (transfers_3)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 143
Format: numeric
Invalid: 649
Width: 3
Minimum: 0
Decimals: 0
Maximum: 200

## Range: 0-200

## Literal question

Approximately how much cash did you give to people outside your household during the past three months? (transfers_3)

Approx. value of goods provided to people outside the household, past 3 months (transfers_4)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

## Literal question

What is the approximate value of the goods you provided to people outside your household during the past three months? (transfers_4)

# Received any transfers in cash or goods from people living outside the household (transfers_5) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 738
Format: character
Invalid: 0
Width: 3

## Literal question

During the past three months, did you receive any transfers in cash or goods from people living outside your household? (transfers_5)

Received transfer from (transfers_6)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 555

Format: character
Invalid: 0
Width: 59

## Literal question

Who did you receive the transfers from? (transfers_6)

## Approx. amount of cash received from people outside household, past three months (transfers_7)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 58
Format: numeric
Invalid: 734
Width: 3
Minimum: 0
Decimals: 0
Maximum: 500
Range: 0-500

## Literal question

Approximately how much cash did you receive from people outside your household during the past three months? (transfers_7)

Approx. value of goods received from people outside household, past three months (transfers_8)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

Valid cases: 59
Invalid: 733
Minimum: 0
Maximum: 300

## Literal question

What is the approximate value of the goods you received from people outside your household during the past three months? (transfers_8)

# (treatment stopwatch) <br> File: GhanaRound4Single_la 

Overview
Type: Discrete
Valid cases: 738
Format: character
Invalid: 0
Width: 8

## TreatmentType (treatmenttype)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 738
Format: character
Invalid: 0
Width: 9

TreatmentType2 (treatmenttype2)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 738
Format: character
Invalid: 0
Width: 9

# Added some of own money to the gift ( $1=$ Yes, $2=\mathrm{No}$ ) (treatment_a_1a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 452
Format: character
Invalid: 0
Width: 3
Literal question
Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_1a)

## Amount added (treatment_a_1b) File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1200

## Pre question

Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_la)
Literal question
How much your own money did you add? (treatment_a_1b)

# Items bought with cash received (treatment_a_2) <br> File: GhanaRound4Single_la 

Overview

Type: Discrete
Format: character
Width: 49

Valid cases: 466
Invalid: 0

## Literal question

What did you buy with the cash that you received? (treatment_a_2)

Amount of cash received spent on business materials and inventories (treatment_a_3)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 78
Format: numeric
Invalid: 714
Width: 3
Minimum: 0
Decimals: 0
Maximum: 160
Range: 0-160

## Literal question

Of the cash that you received, how much did you spend on Business materials and inventories?

# Amount of cash received spent on business equipment (treatment_a_4) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 77
Format: numeric
Invalid: 715
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

Of the cash that you received, how much did you spend on
Business equipment?

# Amount of cash received spent on repayment of business loans (treatment_a_5) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 78
Format: numeric
Invalid: 714
Width: 2
Decimals: 0
Range: 0-20

## Literal question

Of the cash that you received, how much did you spend on
Repayment of business loans?

# Amount of cash received spent on other business expenses (treatment_a_6) 

File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

## Literal question

Of the cash that you received, how much did you spend on
Other business expenses?

Valid cases: 79
Invalid: 713
Minimum: 0
Maximum: 150

Amount of cash received spent on household food (treatment_a_7) File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 79
Format: numeric
Invalid: 713
Width: 2
Minimum: 0
Decimals: 0
Maximum: 92
Range: 0-92

## Literal question

Of the cash that you received, how much did you spend on Household food?

# Amount of cash received spent on household durable assets (treatment_a_8) 

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 78
Format: numeric
Invalid: 714
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

## Literal question

Of the cash that you received, how much did you spend on
Household durable assets?

Amount of cash received spent on personal clothing (treatment_a_9)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 78
Format: numeric
Invalid: 714
Width: 2
Minimum: 0
Decimals: 0
Maximum: 36

Amount of cash received spent on gifts to others (treatment_a_10) File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 78
Format: numeric
Invalid: 714
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

## Literal question

Of the cash that you received, how much did you spend on Gifts to others?

Amount of cash received spent on school supplies and school fees (treatment_a_11)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 78
Format: numeric
Invalid: 714
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50

## Range: 0-50

## Literal question

Of the cash that you received, how much did you spend on
School supplies and school fees?

Amount of cash received spent on any other household business (treatment_a_12)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

## Literal question

Of the cash that you received, how much did you spend on
Any other household business?

Valid cases: 78
Invalid: 714
Minimum: 0
Maximum: 100

Amount of cash received that was saved (treatment_a_13)
File: GhanaRound4Single_la

# Amount of cash received that was saved (treatment_a_13) File: GhanaRound4Single_la 

Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

## Valid cases: 79

Invalid: 713
Minimum: 0
Maximum: 150

## Literal question

Of the cash that you received, how much did you save? (treatment_a_13)

## Total treatment spending (treatmentsum1) <br> File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

Valid cases: 77
Invalid: 715
Minimum: 0
Maximum: 200

## 150 GHc - total treatment spending (treatmentdiff1)

File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 79
Format: numeric
Invalid: 713
Width: 3
Minimum: -50
Decimals: 0
Maximum: 150
Range: -50-150

Verification: total sum spent on other items correct (treatment_a_14)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 536
Format: character
Invalid: 0
Width: 19

## Literal question

You have listed a total of [sum] GHc. This means that you spent [150-sum] on OTHER items. Is this correct? (treatment_a_14)

## Interviewer instructions

(Repeat questions if "no"; since the dataset records final answers, none will be "no".)

Jump to section end if spent nothing on business materials and inventories. (jumptosectionendifspentnothingon)
File: GhanaRound4Single_la

# Jump to section end if spent nothing on business materials and inventories. (jumptosectionendifspentnothingon) <br> File: GhanaRound4Single_la 

Overview
Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

# Amount of materials and inventories sold (treatment_a_15) File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 69
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Invalid: 723
Minimum: 0
Maximum: 150

## Literal question

You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15)

Jump over the error message if answer <= spending.
(jumpovertheerrormessageifanswers)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Amount of materials and inventories lost to spoilage, waste or theft (treatment_a_16)
File: GhanaRound $\overline{4}$ Single_la

## Overview

Type: Discrete
Valid cases: 784
Format: character
Invalid: 0
Width: 5

## Pre question

You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15)

## Literal question

How much of this have you lost to spoilage, waste or theft (GHc)? (treatment_a_16)

## Interviewer instructions

[Enumerator: If nothing has been lost, enter "0"]

# Amount of the gift spent on things just for respondent 

 (treatment a 17a)File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 784
Format: character
Width: 5
Invalid: 0

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things
Things just for you?

## Amount of the gift spent on things just for respondent's spouse (treatment_a 17b)

File: GhanaRound4Single_la

## Overview

Type: Continuous

## Valid cases: 76

Format: numeric
Invalid: 716
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things
Things just for your spouse?

Amount of the gift spent on things just for respondent's children (treatment_a_17c)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-50

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your children?

Amount of the gift spent on things just for resp. and his/her family jointly (treatment_a 17d)
File: GhanaRound4Single_la

Amount of the gift spent on things just for resp. and his/her family jointly (treatment_a_17d)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-50

## Valid cases: 75

Invalid: 717
Minimum: 0
Maximum: 50

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things
Things for you and your family jointly?

# Amount spent on things for people other than resp./his/her spouse/childr. (treatment_a_17e) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous Valid cases: 77
Format: numeric Invalid: 715
Width: 2
Decimals: 0
Minimum: 0

Range: 0-50
Maximum: 50

## Pre question

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

## Literal question

Apart from money spent on the business, how much of the grant ended up being spent on things Things for people other than you, your spouse or children?

Received any equipment (treatment_b_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 431
Format: character
Invalid: 0
Width: 3

## Literal question

Did you receive any EQUIPMENT? (treatment_b_1)

Jump over equipment section if no equipment.
(jumpoverequipmentsectionifnoequi)
File: GhanaRound4Single_la

## Overview

# Amount of equipment received that has been sold (treatment_b_2) File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 57
Format: numeric
Invalid: 735
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

```
Literal question
How much of the EQUIPMENT that you received have you sold (GHc)? (treatment_b_2)
Interviewer instructions
Enumerator: If nothing has been sold, enter "0".
```

Received any inventories or materials (treatment_b_3)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 673
Format: character
Invalid: 0
Width: 3

## Literal question

Did you receive any INVENTORIES OR MATERIALS? (treatment_b_3)

# Amount of inventories or materials received that has been sold (treatment b 4) 

File: GhanaRound4Single_la

## Overview

| Type: Continuous | Valid cases: 72 |
| :--- | :--- |
| Format: numeric | Invalid: 720 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 150 |
| Range: $0-150$ |  |
| Literal question |  |
| How much of the INVENTORIES AND MATERIALS that you have received have you sold (GHc)? (treatment_b_4) |  |
| Interviewer instructions |  |
| Enumerator: If nothing has been sold, enter "0". |  |

Purchased NEW INVENT./MATERIALS since receiving this gift vs. not receiving it (treatment_b_5)

File: GhanaRound4Single_la

## Overview

Type: Discrete

Valid cases: 433

Format: character

Invalid: 0

Width: 41

## Literal question

Have you purchased NEW INVENTORIES OR MATERIALS since receiving this gift? Please compare to the amount that you would HAVE PURCHASED if you had NOT received the gift. (treatment_b_5)

Repeat if blank. (v307)
File: GhanaRound4Single_la
Overview
Type: Discrete
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

# Amount of the 150 GHc in-kind treatment that remains in business (treatment_c_1a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 760
Format: character
Invalid: 0
Width: 50

## Pre question

Three months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

How much of the 150 GHc remains in the business? (treatment_c_1a)

# Amount of the 150 GHc in-kind treatment that has been taken out of the business (treatment_c_2a) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 780
Format: character
Invalid: 0
Width: 47

## Pre question

Three months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2a)

## Sum of treatment c 1a and treatment_c_2a (treatment_c_sum) File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 760
Format: character
Invalid: 0
Width: 98

## Pre question

Three months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.
Interviewer instructions

# Sum of treatment_c_1a and treatment_c_2a (treatment_c_sum) File: GhanaRound4Single_la <br> [Calculate sum: ] (treatment_c_sum) 

# Confirmation: Amount of the 150 GHc in-kind treatment that remains in business (treatment_c_1b) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 775
Format: character
Invalid: 0
Width: 42

## Pre question

Three months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

These values did not add to 150 GH . Please confirm the answers.
Please confirm: How much of the 150 GHc remains in the business? (treatment_c_1b)

# Confirmation: Amount of the 150 GHc in-kind treatment that has been taken out (treatment c 2b) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 19
nvalid: 773
Minimum: 0
Maximum: 150

## Pre question

Three months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

These values did not add to 150 GHc . Please confirm the answers.
Please confirm: How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2b)

# Amount of the 150 GHc cash treatment that remains in business (treatment_d_1a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Format: character
Width: 32

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.
Literal question

Valid cases: 772
Invalid: 0

# Amount of the 150 GHc cash treatment that remains in business (treatment_d_1a) 

File: GhanaRound4Single_la
How much of the 150 GHc remains in the business? (treatment_d_1a)

# Amount of the 150 GHc cash treatment that remains in the household (treatment_d_2a) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 88
Format: numeric
Invalid: 704
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc remains in the household? (treatment_d_2a)

## Amount of the 150 GHc cash treatment spent on non-business things (treatment_d_3a) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 774
Format: character
Invalid: 0
Width: 25

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc has been spent on non-business things? (treatment_d_3a)

Amount of the 150 GHc cash treatment saved outside of business or household (treatment d_4a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 777
Format: character
Width: 3
Invalid: 0

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4a)

# Sum of spending (treatment_d_sum) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 763
Format: character
Width: 38
Invalid: 0

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Confirmation:Amount of 150 GHc cash treatment that remains in business (treatment_d_1b)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 773
Format: character
Invalid: 0
Width: 18

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc remains in the business? (treatment_d_1b)

# Confirmation:Amount of 150 GHc cash treatment that remains in the household (treatment_d_2b) <br> File: GhanaRound4Single_la 

## Overview

Type: Continuous
Valid cases: 23
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Invalid: 769
Minimum: 0
Maximum: 150

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc remains in the household? (treatment_d_2b)

# Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things (treatment_d_3b) <br> File: GhanaRound4Single_la 

## Overview

# Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things (treatment_d_3b) 

## File: GhanaRound4Single_la

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc has been spent on non-business things? (treatment_d_3b)

# Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household (treatment_d_4b) File: GhanaRound4Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

## Pre question

Three months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4b)

## (networks_stopwatch) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 738
Format: character
Width: 8

Valid cases: 22
Invalid: 770
Minimum: 0
Maximum: 100

Invalid: 0

Respondent occupies a position of responsibility in neighborhood (1=Yes, $2=$ No) (networks_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 738
Format: character
Invalid: 0
Width: 3

## Literal question

Do you occupy a position of responsibility in the neighbourhood? (networks_1)

# Jump over follow-up if no position of responsibility. <br> (jumpoverfollowupifnopositionofre) <br> File: GhanaRound4Single_la 

Overview
Type: Discrete Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

# Position of responsibility (networks_2) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 622
Format: character
Invalid: 0
Width: 91

```
Literal question
Which position of responsibility? (Tick all that apply.) (networks_2)
```

Other member of household occupies position of responsibility in neighborhood (networks 3)
File: GhanaRound4Single_la

## Overview

| Type: Discrete | Valid cases: 736 |
| :--- | :--- |
| Format: character | Invalid: 0 | Width: 3

## Literal question

Does any other member of your household occupy a position of responsibility in the neighbourhood? (networks_3)

# Position of responsibility of other household member (networks_5) File: GhanaRound4Single_la 

## Overview

Type: Discrete
Format: character
Valid cases: 741
Invalid: 0
Width: 45

## Pre question

Does any other member of your household occupy a position of responsibility in the neighbourhood? (networks_3)

## Literal question

Which position of responsibility? (Tick all that apply.) (networks_5)

# Business knowledge of respondent (networks_6) 

File: GhanaRound4Single_la

## Overview

# Business knowledge of respondent (networks_6) 

File: GhanaRound4Single_la

```
Type: Discrete
Valid cases: 734
Format: character
Invalid: 0
```

Width: 22

## Literal question

How knowledgeable about business are you? (networks_6)
(bargaining_stopwatch)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character Width: 8

Valid cases: 738
Invalid: 0

Married (1=Yes, 2=No) (bargaining_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 738

Format: character
Width: 3
Invalid: 0

## Literal question

Are you married?
(bargaining_1)

## Interviewer instructions

(Enumerator: Please answer "yes" if the respondent is in a customary or de facto marriage relationship.)

Free to spend bus. profits on household expenditures, without consulting spouse (bargaining_2a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 504
Invalid: 0

## Literal question

Are you free to spend the profits you generate in your business on household expenditures, without consulting your spouse? (bargaining_2a)

Free to spend any part of bus. profits on items consumed him-/herself (bargaining_3a)
File: GhanaRound4Single_la

## Overview

Free to spend any part of bus. profits on items consumed him-/herself (bargaining_3a)
File: GhanaRound4Single_la
Literal question
Apart from money you spend on your household, are you free to spend any part of the profits you generate from your business on items you consume yourself? (bargaining_3a)

Sources resp. is able to get money from in an emergency (bargaining_4a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Width: 117

## Literal question

If you needed money in an emergency, which of the following sources might you be able to get it from? (Please tick all that apply.) (bargaining_4a)

Decisions about purchases of food consumed at home made by (bargaining_5_1a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Invalid: 0

## Literal question

In your household, who makes decisions about... (Tick all that apply)
PURCHASES OF FOOD CONSUMED AT HOME?

Decisions about routine household purchases made by
(bargaining_5_2a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Invalid: 0
Width: 31

## Literal question

In your household, who makes decisions about... (Tick all that apply)
ROUTINE HOUSEHOLD PURCHASES SUCH AS CLEANING SUPPLIES?

Decisions about respondent's clothes made by (bargaining_5_3a) File: GhanaRound4Single_la

## Overview

# Decisions about respondent's clothes made by (bargaining_5_3a) File: GhanaRound4Single_la 

Type: Discrete Valid cases: 504
Format: character
Invalid: 0
Width: 41

## Literal question

In your household, who makes decisions about... (Tick all that apply)
YOUR CLOTHES?

# Decisions about respondent's children's clothes made by (bargaining_5_4a) 

File: GhanaRound4Single_la

## Overview

## Literal question

In your household, who makes decisions about... (Tick all that apply) YOUR CHILDREN'S CLOTHES?

# Decisions about purchases of alcoholic beverages made by (bargaining_5_5a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 504
Format: character
Invalid: 0 Width: 31

## Literal question

In your household, who makes decisions about... (Tick all that apply)
PURCHASE OF ALCOHOLIC BEVERAGES?

# Decisions about money given to respondent's parents made by (bargaining_5_6a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 504
Format: character
Invalid: 0

## Literal question

In your household, who makes decisions about... (Tick all that apply)
MONEY GIVEN TO YOUR PARENTS?

Decisions about money given to respondent's spouse's parents made by (bargaining_5_7a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Width: 27
Invalid: 0

## Literal question

In your household, who makes decisions about... (Tick all that apply)
MONEY GIVEN TO YOUR SPOUSE'S PARENTS?

Decisions about purchasing equipment for respondent's business made by (bargaining_5 8a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Invalid: 0
Width: 31

## Literal question

In your household, who makes decisions about... (Tick all that apply)
PURCHASING EQUIPMENT FOR YOUR ENTERPRISE?

Decisions about reinvesting profits in respondent's business made by (bargaining_5_9a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Invalid: 0
Width: 30

## Literal question

In your household, who makes decisions about... (Tick all that apply)
REINVESTING PROFITS IN YOUR BUSINESS?

# Profits in respondent's enterprise are higher because of spouse's involvement (bargaining_6_1a) <br> File: GhanaRound4Single_la 

## Overview

```
Type: Discrete
Valid cases: 504
Format: character
Width: 17
Invalid: 0
```


## Literal question

```
The profits of my enterprise are higher because of my spouse's involvement. (bargaining_6_1a)
```


# Spouse helps to run enterprise (bargaining_6_2a) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 503
Format: character
Invalid: 0
Width: 17

## Literal question

My spouse helps to run my enterprise. (bargaining_6_2a)

Because of spouse's efforts in business, respo. expects it to do well (bargaining_6_3a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Width: 17
Invalid: 0

## Literal question

Because of my spouse's efforts in the business, I expect the business to do well in the future. (bargaining_6_3a)

Doesn't hold much money as cash/invent. in bus. because easily taken by others (bargaining_6_4a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Width: 17
Invalid: 0

## Literal question

I do not hold much money as cash or inventories in my business because it is too easy for household members to take.
(bargaining_6_4a)

Resp. has more control over assets in the business than over money held at home (bargaining_6_5a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 503
Format: character
Width: 17

Invalid: 0

## Literal question

I have more control over assets in my business than I do over money I hold at home. (bargaining_6_5a)

Resp. finds it hard not to spend bus. revenues/working cap. on personal expenses (bargaining_6_6a)
File: GhanaRound4Single_la

# Resp. finds it hard not to spend bus. revenues/working cap. on personal expenses (bargaining_6_6a) <br> File: GhanaRound4Single_la 

Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 504
Invalid: 0

## Literal question

I find it hard not to spend business revenues/working capital on personal expenses. (bargaining_6_6a)

Bus. assets which are equip. are less likely taken by others than cash/invent. (bargaining_6_7a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 504
Format: character
Width: 17
Invalid: 0

## Literal question

Business assets which are equipment are less likely to be taken by others than business assets which are cash or inventories.
(bargaining_6_7a)

# Respondent has an answer on hypothetical question bargaining_7_2a (bargaining_7_1a) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 504
Format: character Invalid: 0
Width: 3

## Pre question

Suppose someone were to give you 100 GhC . Now suppose that instead of paying the 100 GhC to you, I gave some money to your spouse instead. How much would I have to give your spouse to make you just as well off as receiving the 100 GhC directly?

## Literal question

Enumerator: Does the respondent have an answer? (bargaining_7_1a)

Hypothetical amount given to spouse, equiv. to giving resp. 100 GHc directly (bargaining_7_2a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 786
Format: character
Width: 6
Invalid: 0

## Pre question

Hypothetical amount given to spouse, equiv. to giving resp. 100 GHc directly (bargaining_7_2a)
File: GhanaRound4Single_la
Suppose someone were to give you 100 GhC . Now suppose that instead of paying the 100 GhC to you, I gave some money to your spouse instead. How much would I have to give your spouse to make you just as well off as receiving the 100 GhC directly?

## Literal question

How much would I have to give your spouse to make you just as well off as receiving the 100 GhC directly? (bargaining_7_2a)

## If no answer: Would amount be more or less than 10 GHC ? (bargaining_7_3a)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 693
Format: character
Invalid: 0
Width: 17

## Pre question

Suppose someone were to give you 100 GhC . Now suppose that instead of paying the 100 GhC to you, I gave some money to your spouse instead. How much would I have to give your spouse to make you just as well off as receiving the 100 GhC directly?

## Literal question

[If no answer..]
Would the amount be more or less than 10 GhC? (bargaining_7_3a)

Jump to section end if refuses to answer.
(jumptosectionendifrefusestoanswe)
File: GhanaRound4Single_la

## Overview

Type: Discrete

Valid cases: 0
Invalid: 792

Width: 1
Decimals: 0
section if less than 100. (sectioniflessthan100)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0
(bargaining_loopcounter_1a)
File: GhanaRound4Single_la
(bargaining_loopcounter_1a)
File: GhanaRound4Single_la
Type: Discrete Valid cases: 10
Format: numeric
Invalid: 782
Width: 2
Decimals: 0
Range: 1-15

If more: Highest amount after looping up in increments of 10
(bargaining_rangelimit_1a)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 782
Width: 3
Minimum: 110
Decimals: 0
Maximum: 250
Range: 110-250

## Literal question

[Looping up in increments of $10 \ldots$...] Would the amount be more or less than X GhC?
[The loop ends when the respondent answers "less". The last value presented to the respondent is recorded as bargaining_rangelimit_1a.]
(bargaining_7_4a)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 733

Format: character
Invalid: 0
Width: 17

## (bargaining loopcounter 2a)

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 11
Format: numeric
Invalid: 781
Width: 1
Decimals: 0
Range: 1-7

If less: Lowest amount after looping down in increments of 10 (bargaining_rangelimit_2b)
File: GhanaRound4Single_la

## Overview

# If less: Lowest amount after looping down in increments of 10 (bargaining_rangelimit_2b) 

File: GhanaRound4Single_la
Type: Continuous Valid cases: 6
Format: numeric
Invalid: 786
Minimum: 20
Width: 2
Decimals: 0
Maximum: 90
(bargaining_7_5a)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 746
Format: character
Width: 17
Invalid: 0

## Place where resp. would store 100 GhC for some time so that noone would take it (bargaining_8a)

File: GhanaRound4Single_la
Overview
Type: Discrete Valid cases: 503
Format: character
Invalid: 0
Width: 34

## Literal question

If you wanted to keep 100 GhC for some time without anyone taking it, where would you store it? [bargaining_8a]

Free to spend profits on househ. expend., without consulting oth. househ. members (bargaining_2b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0

## Width: 3

## Literal question

Are you free to spend the profits you generate in your business on household expenditures, without consulting other members of your household? (bargaining_2b)

Free to spend any part of bus. profits generated on items consumed him-/herself (bargaining_3b)
File: GhanaRound4Single_la

## Overview

Free to spend any part of bus. profits generated on items consumed him-/herself (bargaining_3b)
File: GhanaRound4Single_la
Literal question
Apart from money you spend on your household, are you free to spend any part of the profits you generate from your business on items you consume yourself? (bargaining_3b)

Sources resp. is able to get money from in an emergency (bargaining_4b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Width: 62
Invalid: 0

## Literal question

If you needed money in an emergency, which of the following sources might you be able to get it from? (Please tick all that apply.) (bargaining_4b)

Decisions about purchases of food consumed at home made by (bargaining_5_1b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0

## Literal question

In your household, who makes decisions about... (Tick all that apply)
PURCHASES OF FOOD CONSUMED AT HOME?

Decisions about routine household purchases made by
(bargaining 5_2b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0
Width: 42

## Literal question

In your household, who makes decisions about... (Tick all that apply)
ROUTINE HOUSEHOLD PURCHASES SUCH AS CLEANING SUPPLIES?

Decisions about respondent's clothes made by (bargaining_5_3b) File: GhanaRound4Single_la

## Overview

# Decisions about respondent's clothes made by (bargaining_5_3b) File: GhanaRound4Single_la 

Type: Discrete Valid cases: 371
Format: character
Invalid: 0
Width: 47

## Literal question

In your household, who makes decisions about... (Tick all that apply)
YOUR CLOTHES?

## Decisions about respondent's children's clothes made by (bargaining_5_4b)

File: GhanaRound4Single_la

## Overview

## Literal question

In your household, who makes decisions about... (Tick all that apply) YOUR CHILDREN'S CLOTHES?

# Decisions about purchases of alcoholic beverages made by (bargaining_5_5b) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0 Width: 21

## Literal question

In your household, who makes decisions about... (Tick all that apply)
PURCHASE OF ALCOHOLIC BEVERAGES?

Decisions about money given to respondent's parents made by (bargaining_5_6b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0

## Literal question

In your household, who makes decisions about... (Tick all that apply)
MONEY GIVEN TO YOUR PARENTS?

Decisions about purchasing equipment for respondent'S business made by (bargaining_5_8b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0
Width: 28

## Literal question

In your household, who makes decisions about... (Tick all that apply)
PURCHASING EQUIPMENT FOR YOUR ENTERPRISE?

Decisions about reinvesting profits in respondent's business made by (bargaining_5_9b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0
Width: 28

## Literal question

In your household, who makes decisions about... (Tick all that apply)
REINVESTING PROFITS IN YOUR BUSINESS?

Profits in resp.'s bus. higher because of involvement of oth. househ. members (bargaining_6_1b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character Invalid: 0 Width: 17

## Literal question

The profits of my enterprise are higher because of the other involvement of other household members. (bargaining_6_1b)

Other household members help to run enterprise (bargaining_6_2b)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 370
Format: character

$$
\text { Invalid: } 0
$$

Width: 17

## Literal question

Other household members help to run the enterprise. (bargaining_6_2b)

Because of efforts of oth. househ. members in bus., resp. expects it to do well (bargaining_6_3b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Width: 17

Valid cases: 371
Invalid: 0

## Literal question

Because of the efforts of other household members in the business, I expect the business to do well in the future. (bargaining_6_3b)

Doesn't hold much money as cash/invent. in bus. because easily taken by others (bargaining_6_4b)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 370
Format: character
Invalid: 0
Width: 17

## Literal question

I do not hold much money as cash or inventories in my business because it is too easy for household members to take. (bargaining_6_4b)

Resp. has more control over assets in the business than over money held at home (bargaining_6_5b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0
Width: 17

## Literal question

I have more control over assets in my business than I do over money I hold at home. (bargaining_6_5b)

Resp. finds it hard not to spend bus. revenues/working cap. on personal expenses (bargaining_6_6b)
File: GhanaRound4Single_la

## Overview

## Literal question

I find it hard not to spend business revenues/working capital on personal expenses. (bargaining_6_6b)

# Bus. assets which are equip. are less likely taken by others than cash/invent. (bargaining_6_7b) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 370
Format: character
Width: 17
Invalid: 0

## Literal question

Business assets which are equipment are less likely to be taken by others than business assets which are cash or inventories. (bargaining_6_7b)

Respondent has an answer on hypothetical question bargaining_7_2b (bargaining_7_1b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 371
Format: character
Invalid: 0
Width: 3

## Pre question

Suppose someone were to give you 100 GhC . Now suppose that instead of paying the 100 GhC to you, I gave some money to another member of your household instead.

## Literal question

Enumerator: Does the respondent have an answer? (bargaining_7_1b)

Hypoth.amount given to other househ.memb.,equiv. to giving resp. 100GHc directly (bargaining_7_2b)
File: GhanaRound4Single_la

## Overview

Type: Continuous Valid cases: 165

Format: numeric
Invalid: 627
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1000
Range: 0-1000

## Pre question

Suppose someone were to give you 100 GhC . Now suppose that instead of paying the 100 GhC to you, I gave some money to another member of your household instead.

## Literal question

How much would I have to give that household member to make you just as well off as receiving the 100 GhC directly? (bargaining_7_2b)
(bargaining_7_3a_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: charac
(bargaining_7_3a_1)
File: GhanaRound 4 Single_la
Suppose someone were to give you 100 GhC. Now suppose that instead of paying the 100 GhC to you, I gave some money to another member of your household instead.

Jump to section end if refuses to answer. (v384)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0
section if less than 100. (v385)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 0

Format: numeric Invalid: 792
Width: 1
Decimals: 0
(bargaining_loopcounter_1a_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 48
Format: character
Width: 26
Invalid: 0
(bargaining_rangelimit_1a_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 48
Format: character
Invalid: 0
Width: 18
(bargaining_7_4a_1)
File: GhanaRound4Single_la

## Overview

Width: 17

Place where resp. would store 100 GhC for some time so that noone would take it (bargaining_8b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 370
Format: character
Invalid: 0
Width: 29

## Literal question

If you wanted to keep 100 GhC for some time without anyone taking it, where would you store it? [bargaining_8b]
(introduction_stopwatch_3_11)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 737
Format: character
Invalid: 0
Width: 8

Person(s) other than the enterprise owner present during the interview (impressions_1)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 737
Format: character
Width: 165

## Literal question

Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist)

Interviewer's impression of how well the respondent understood
the questions (impressions_2)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 737
Format: character
Width: 11
Invalid: 0

## Literal question

What is your impression of how well the respondent understood the questions being asked? (impressions_2)

Interviewer's impression of seriousness with which the resp. answered questions (impressions
_3)
File: GhanaRound4Single_la

## Overview

# Interviewer's impression of seriousness with which the resp. answered questions (impressions_3) 

File: GhanaRound4Single_la
Type: Discrete Valid cases: 737
Format: character
Invalid: 0
Width: 11

## Literal question

What is your impression of the seriousness with which the respondent answered questions? (impressions_3)

# Interviewer's impression of preciseness with which questions were answered (impressions_4) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 737
Format: character
Invalid: 0
Width: 11

## Literal question

What is your overall impression of the preciseness with which questions were answered? (impressions_4)

# Most difficult or troubling sections for the respondent (impressions_5) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 737
Format: character
Invalid: 0

Literal question<br>Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark)

# Most difficult or troubling sections for the interviewer (impressions_6) <br> File: GhanaRound4Single_la 

## Overview

Type: Discrete
Valid cases: 737
Format: character
Invalid: 0
Width: 22
Literal question
Which sections were most difficult or troubling for you? (impressions_6) (ticklist)

Sections that interested the respondents the most (impressions_7) File: GhanaRound4Single_la

## Overview

# Sections that interested the respondents the most (impressions_7) 

 File: GhanaRound4Single_laType: Discrete Valid cases: 737
Format: character
Width: 85

## Literal question

Which sections interested the respondents the most? (impressions_7) (ticklist)

# Most difficult or troubling questions for the respondent (impressions_8) 

File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 739
Format: character
Invalid: 0
Width: 29

## Literal question

Which questions were most difficult or troubling for the respondent? (impressions_8)

## Most difficult or troubling questions for the interviewer (impressions_9) <br> File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 743
Format: character
Invalid: 0
Width: 50

## Literal question

Which questions were most difficult or troubling for you? (impressions_9)

# Questions that interested the respondents the most (impressions_10) <br> File: GhanaRound4Single_la 

## Overview

Valid cases: 732
Format: character Width: 50

Invalid: 0

## Literal question

Which questions interested the respondents the most? (impressions_10)
(SingleMultipleMerge)
File: GhanaRound4Single_la

## Overview

(SingleMultipleMerge)
File: GhanaRound4Single_la
Type: Discrete Valid cases: 792
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 2-3

Round3Sales (round3sales)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 662
Format: numeric
Invalid: 130
Width: 5
Minimum: 0
Decimals: 0
Maximum: 80000
Range: 0-80000

Repeat if blank. (v265)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

Repeat if blank. (v308)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0

If less: Lowest amount after looping down in increments of 10 (bargaining_rangelimit_2a)
File: GhanaRound4Single_la

## Overview

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 782
Width: 2
Minimum: 30
Decimals: 0
Maximum: 90

# If no answer: Would amount be more or less than 10 GHC (bargaining_7_3b) 

File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 621
Format: character
Invalid: 0
Width: 17

If more: Highest amount after looping up in increments of 10 (bargaining rangelimit 1b)
File: GhanaRound4Single_la
Overview
Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 788
Width: 3
Minimum: 120
Decimals: 0
Range: 120-250
Maximum: 250

Valid cases: 688
Invalid: 0
lnvalid: 0
(bargaining_7_4b)
File: GhanaRound4Single_la
Overview
Type: Discrete
Width: 5
(bargaining_loopcounter_2b)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 5
Format: numeric
Invalid: 787
Width: 1
Decimals: 0
Range: 1-8
(bargaining_7_5b)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 692
Format: character
Invalid: 0
Width: 17

Original 'large' number (sales_large_number)
File: GhanaRound4Single_la

Original 'large' number (sales_large_number)
File: GhanaRound4Single_la
Overview
Type: Discrete
Valid cases: 477
Format: character
Invalid: 0
Width: 5

Verification: sales are correct for sales $>=10000$ (sales_large_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 454
Format: character
Invalid: 0
Width: 19

Original large number (profit_large_number)
File: GhanaRound4Single_la

## Overview

Format: numeric Invalid: 791
Width: 2
Decimals: 0
Range: 50-50

Verification: Large number is correct (profit_large_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Format: character
Width: 20

Valid cases: 463
Invalid: 0

Original inventories number (inventories_large_number)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 477
Format: character
Invalid: 0
Width: 6

Verification: Large number for inventories is correct (inventories_large_1)
File: GhanaRound4Single_la

## Overview

# Verification: Large number for inventories is correct (inventories large 1) 

File: GhanaRound $\overline{4}$ Single_la
Type: Discrete Valid cases: 468
Format: character
Invalid: 0

Original large number (cash_large_number)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 477
Format: character
Invalid: 0
Width: 6

Verification: Cash is correct (cash_large_1)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 477
Format: character
Invalid: 0
Width: 19

Repeat if blank. (v273)
File: GhanaRound4Single_la

## Overview

Type: Discrete Valid cases: 0

Format: numeric Invalid: 792
Width: 1
Decimals: 0

Repeat if blank. (v316)
File: GhanaRound4Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 792
Width: 1
Decimals: 0
(impressions_additional)
File: GhanaRound4Single_la

## Overview

Firm identification number (SHENO)
File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 818
Format: character
Invalid: 0
Width: 9

Question Number (questionnumber)
File: GhanaRound5Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

Instance (instance)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Question heading (questionheading)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Answer (answer)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

BaselineMonth (baselinemonth)
File: GhanaRound5Single_la

## Overview

# BaselineMonth (baselinemonth) 

File: GhanaRound5Single_la
Type: Discrete Valid cases: 816
Format: character
Invalid: 0

# BaselineMonthLessOne (baselinemonthlessone) <br> File: GhanaRound5Single_la 

## Overview

Type: Discrete
Format: character
Width: 4

Valid cases: 816
Invalid: 0

Start time of interview (questionnaire_starttime)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 816
Format: character Invalid: 0

# Date of interview (questionnaire_date) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 816
Format: character
Invalid: 0
Width: 10
(introduction_stopwatch)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 816
Format: character
Invalid: 0

Interviewer was able to find the owner ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_1)
File: GhanaRound5Single_la

## Overview

## Literal question

Interviewer: Were you able to find the owner? (introduction_1)

Owner agreed to be interviewed again ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_2)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 773
Format: character
Invalid: 0
Width: 3

## Literal question

Interviewer: Did the owner agree to be interviewed again? (introduction_2)

# Jump over attrition section. (jumpoverattritionsection) <br> File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

## AttritionMarker (attritionmarker)

File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 48
Format: numeric
Invalid: 770
Width: 1
Decimals: 0
Range: 1-1

Owner still operates the business (attrition_2)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: character
Width: 28

## Literal question

Does the owner still operate the business? (attrition_2)

Jump: Repeat if blank. (jumprepeatifblank)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Valid cases: 636
Invalid: 0

# Business still seems to be operating in the same location as before (attrition_3) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 650
Format: character
Invalid: 0
Width: 10

## Literal question

Does the business still seem to be operating in the same location as before? (attrition_3)

Jump to end section if same location.
(jumptoendsectionifsamelocation)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Place of interview (introduction_3)
File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 772 |
| :--- | :--- |
| Format: character | Invalid: 0 |

Width: 49

## Literal question

Where is the interview taking place? (introduction_3)

Jump: Repeat if blank (3). (jumprepeatifblank3)
File: GhanaRound5Single_la

## Overview

Household is living at same address as in previous round (1=Yes, $2=\mathrm{No}$ ) (introduction_4)
File: GhanaRound5Single_la

## Overview

Household is living at same address as in previous round (1=Yes, $2=\mathrm{No}$ ) (introduction_4)
File: GhanaRound5Single_la
In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction 4)

Respondent still owns and operates a business ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (introduction_6)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 771
Format: character
Invalid: 0
Width: 3

## Literal question

Do you still own and operate a business? (introduction_6)

Jump: Repeat if blank (4). (jumprepeatifblank4)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Respondent is still working in the same location as in July ( $1=\mathrm{Yes}$, $2=\mathrm{No}$ ) (introduction 7)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 756
Format: character
Invalid: 0

## Width: 3

## Literal question

Are you still working in the same location as you were working in when we interviewed you in July? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_7)

Jump to line of business if same location.
(jumptolineofbusinessifsamelocati)
File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |

Working in the same line of business as last July ( $1=$ Yes, $2=$ No ) (introduction_9)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 756
Format: character
Invalid: 0

## Width: 3

## Literal question

Are you working in the same line of business as when we interviewed you last July? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9)

Jump to end of section if same line of business.
(jumptoendofsectionifsamelineofbu)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

# What happened to the business previously ran? (introduction_10) File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 680
Format: character
Invalid: 0
Width: 54

## Literal question

What happened to the business you previously ran? (introduction_10)

Main activity now (introduction_11)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 680
Format: character
Invalid: 0

## Literal question

What is your main activity now? (introduction_11) (specify) $\qquad$
Interviewer instructions
(Interview: Survey will end if they no longer operate a business.)

Jump to new line of business if new business.
(jumptonewlineofbusinessifnewbusi)
File: GhanaRound5Single_la

# Jump to new line of business if new business. <br> (jumptonewlineofbusinessifnewbusi) <br> File: GhanaRound5Single_la 

Overview

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0

Invalid: 818

New line of business activity (introduction_12)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 24

## Literal question

You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12)

# Verification: Really a new line of business (introduction_13) File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0

## Literal question

Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13)

Respondent owns the land or market space used by the business (1=yes, $2=$ no) (balance_8a)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 779
Invalid: 0

## Pre question

Now I am going to ask you about the characteristics of any utensils, tools, machinery equipment, etc. which are used in your NEW business activity.

## Literal question

Do you currently own the land or market space used by the business? (balance_8a)

Year when land or market space was purchased (balance_8b) File: GhanaRound5Single_la

Year when land or market space was purchased (balance_8b)
File: GhanaRound5Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

## Literal question

In what year did you purchase the land or market space? (balance_8b)

# Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

## Literal question

How much would you pay to purchase the same land and market space today (GHc)? (balance_8c)

Business has any kiosk/shed/building (1=yes, $2=n o$ ) (balance_9a) File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 3
Literal question
Does your business currently have any kiosk/shed/building? (balance_9a)

Ownership of the kiosk/shed/building ( $1=$ Owned, $2=$ Rented, 3=Borrowed) (balance_9b)
File: GhanaRound5Single_la

## Overview

Type: Discrete Valid cases: 807
Format: character
Invalid: 0
Width: 5
Literal question
Ownership of the kiosk/shed/building: (balance_9b)

Replacement value of kiosk/shed/building (GHc) (balance_9c)
File: GhanaRound5Single_la

## Overview

# Replacement value of kiosk/shed/building (GHc) (balance_9c) File: GhanaRound5Single_la 

```
Type: Continuous
Valid cases: }
Format: numeric
Width: }
Decimals: 0
```

Invalid: 816
Minimum: 120
Maximum: 350
Range: 120-350

## Literal question

If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c)

# Business has any furniture or display cases ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_10a) <br> File: GhanaRound5Single_la 

Overview
Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 3
Literal question
Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a)

Number of different types of furniture or display cases (balance_10b)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 3
Format: numeric
Invalid: 815
Width: 1
Decimals: 0
Range: 1-2

## Literal question

How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b)

Ownership of FIRST furniture or display cases (balance_10c)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 794
Format: character
Invalid: 0
Width: 8

## Literal question

FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c)

Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaRound5Single_la

# Replacement value of FIRST furniture or display cases (GHc) (balance 10d) 

File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 10-120

Valid cases: 3
Invalid: 815
Minimum: 10
Maximum: 120

## Literal question

FIRST FURNITURE or DISPLAY CASES:
If you had to replace, what would the replacement be for all of the items owned $(\mathrm{GHC})$ ?

# Ownership of SECOND furniture or display cases (balance_10e) 

 File: GhanaRound5Single_la
## Overview

Type: Discrete
Valid cases: 808
Format: character
Invalid: 0
Width: 5

## Literal question

SECOND FURNITURE or DISPLAY CASES: Ownership (balance_10e)

# Replacement value of SECOND furniture or display cases (GHc) (balance_10f) <br> File: GhanaRound5Single_la 

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 50-50

## Literal question

SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?
Ownership of THIRD furniture or display cases (balance_10g) File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 0Format: numericInvalid: 818

Valid cases: 1
Invalid: 817

## Literal question

THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g)

# Replacement value of THIRD furniture or display cases (GHc) (balance_10h) <br> File: GhanaRound5Single_la <br> <br> Overview 

 <br> <br> Overview}

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?
Ownership of FOURTH furniture or display cases (balance_10i) File: GhanaRound5Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric ..... Invalid: 818
Width: 1
Decimals: 0
Literal question
FOURTH FURNITURE or DISPLAY CASES: Ownership (balance 10i)
Replacement value of FOURTH furniture or display cases (GHc) (balance_10j)
File: GhanaRound5Single_la
Overview
Type: Discrete ..... Valid cases: 0Format: numericInvalid: 818Width: 1Decimals: 0
Literal questionFOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned(GHC)?
Business has any machines or equipment ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_11a)
File: GhanaRound5Single_la
Overview
Type: Discrete ..... Valid cases: 779
Format: character Invalid: 0Width: 2
Literal questionDoes your business currently have any MACHINES or EQUIPMENT? (balance_11a)

Number of different types of machine/equipment (balance_11b) File: GhanaRound5Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

## Literal question

How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b)

# Ownership of FIRST machine/equipment (options: owned, rented, borrowed) (balance 11c) 

File: GhanaRound5Single_la
Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| FIRST MACHINE/EQUIPMENT: Ownership (balance_11c) |  |

Replacement value of FIRST machine/equipment (GHc) (balance_11d)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

## Literal question

FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d)

Ownership of SECOND machine/equipment (options: owned, rented, borrowed) (balance_11e)
File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

SECOND MACHINE/EQUIPMENT: Ownership (balance_11e)

## Interviewer instructions

Skip if only 1 machines and equipment

# Replacement value of SECOND machine/equipment (GHc) (balance_11f) <br> File: GhanaRound5Single_la 

Overview
Type: Discrete Valid cases: 0
Format: numeric Invalid: 818
Width: 1
Decimals: 0

## Literal question

SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f)

Ownership of machine/equipment (options: owned, rented, borrowed) (balance_11g)
File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| THIRD MACHINE/EQUIPMENT: Ownership (balance_11g) |  |
| Interviewer instructions |  |

Skip if 2 or less types of machinery and equipment

Replacement value of THIRD machine/equipment (GHc) (balance_11h)
File: GhanaRound5Single_la
Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHC)? (balance_11h) |  |

Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance_11i)
File: GhanaRound5Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric Invalid: 818
Width: 1
Decimals: 0

## Literal question

FOURTH MACHINE/EQUIPMENT: Ownership (balance_11i)
Interviewer instructions

# Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance 11i) 

File: GhanaRound5Single_la
Skip if 3 or less types of machinery and equipment

# Replacement value of FOURTH machine/equipment (GHc) (balance_11j) <br> File: GhanaRound5Single_la <br> <br> Overview 

 <br> <br> Overview}

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j)

Business currently has any other equipment, tools, and utensils ( $1=$ Yes, $2=$ No) (balance_12a)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character
Invalid: 0
Width: 3

## Literal question

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

Number of different types of other equipment, tools or utensils (balance_12b)
File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 2 |
| :--- | :--- |
| Format: numeric | Invalid: 816 |
| Width: 1 |  |
| Decimals: 0 |  |
| Range: $1-3$ |  |

## Pre question

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

## Literal question

If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b)

Ownership of FIRST other equipment, tools or utensils (balance_12c)
File: GhanaRound5Single_la

Ownership of FIRST other equipment, tools or utensils
(balance_12c)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 798
Format: character
Invalid: 0
Width: 5

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c)

Replacement cost of FIRST other equipment, tools or utensils (GHc) (balance_12d)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 816
Width: 3
Minimum: 30
Decimals: 0
Maximum: 130
Range: 30-130

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d)

Ownership of SECOND other equipment, tools or utensils
(balance_12e)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 808
Format: character
Invalid: 0
Width: 5

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e)
Interviewer instructions
Skip if only one type of types of other equipment, tools, or utensils

# Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 1
Format: numeric
Invalid: 817

## Literal question

# Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f) 

File: GhanaRound5Single_la
SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f)

## Ownership of THIRD other equipment, tools or utensils (balance_12g) <br> File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 808
Format: character Width: 5

Invalid: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g)
Interviewer instructions
Skip if two or less types of other equipment, tools, or utensils

## Replacement cost of THIRD other equipment, tools or utensils (GHc) (balance_12h)

File: GhanaRound5Single_la

## Overview

Type: Discrete Valid cases: 1

Format: numeric Invalid: 817 Width: 2
Decimals: 0
Range: 15-15

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h)

## Ownership of FOURTH other equipment, tools or utensils (balance_12i)

File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i)

## Interviewer instructions

Skip if 3 or less types of other equipment, tools, or utensils

# Replacement cost of FOURTH other equipment, tools or utensils (GHc) (balance_12j) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)?
(balance_12j)

## Automatic sum of assets, excluding land, buildings and market space (balance_13a)

File: GhanaRound5Single_la

## Overview

| Type: Continuous | Valid cases: 5 |
| :--- | :--- |
| Format: numeric | Invalid: 813 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 305 |

Decimals: 0
Range: 0-305

## Literal question

PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space.

Verification: accuracy of 'balance_13a' (balance_13b)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 784
Format: character
Invalid: 0

Valid cases: 0
Invalid: 818

# Estimate:total replacement cost of assets(excl. land, buildings or market space) (balance 13d) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d)

Bus. holds products for sale,raw materials,products in production or spare parts (balance_14a)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 779
Format: character Width: 3

## Literal question

When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a)

Total purchase cost of stocks and inventories (GHc) (balance_14b) File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 814
Width: 3
Minimum: 40
Decimals: 0
Maximum: 500
Range: 40-500

## Pre question

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)

## Literal question

What is the total purchase cost of these goods (GHC)? (balance_14b)

Jump to inventories clarification if zero inventories (1). (jumptoinventoriesclarificationif)

## File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |

Decimals: 0

# Value of items on hand to sell (GHc) (balance_14c) 

File: GhanaRound5Single_la
Overview
Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c)

Cash for business (Includes cash held at home, at the bank or with a susu) (balance_14d)
File: GhanaRound5Single_la

## Overview

| Type: Continuous | Valid cases: 5 |
| :--- | :--- |
| Format: numeric | Invalid: 813 |
| Width: 3 | Minimum: 30 |
| Decimals: 0 | Maximum: 200 |

Decimals: 0
Range: 30-200

Valid cases: 0
Invalid: 818

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(balance_14d)
(hours stopwatch)
File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 8

# Days spent working in the business - LAST week (business_6a) File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 713
Format: numeric
Invalid: 105
Width: 2
Decimals: 0
Range: 0-14

## Literal question

How many hours a week do you personally spend working in the business?
Days worked

Hours spent working in the business per day - LAST week (business_6b)
File: GhanaRound5Single_la

Hours spent working in the business per day - LAST week (business_6b)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-84

## Literal question

How many hours a week do you personally spend working in the business?
Hours per day

Total hours spent working in the business - LAST week
(business_6c)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 608
Format: numeric
Invalid: 210
Width: 3
Minimum: 0
Decimals: 0
Maximum: 119

## Valid cases: 706

Invalid: 112
Minimum: 0
Maximum: 84

## Literal question

How many hours a week do you personally spend working in the business?
Total hours (Number of days * Hours per day)

# Days spent working full effort in the business - FULL EFFORT LAST WEEK (business_8a) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 672
Format: numeric
Invalid: 146
Width: 2
Decimals: 0
Range: 0-14

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Days worked

Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b)
File: GhanaRound5Single_la

## Overview

Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b)
File: GhanaRound5Single_la

Type: Discrete
Format: character
Width: 11

Valid cases: 816
Invalid: 0

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Hours of full effort per day

# Total hours of full effort - FULL EFFORT LAST WEEK (business_8c) <br> File: GhanaRound5Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-119

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Total hours (Number of days * Hours per day)

# Apart from respondent, any other unpaid or paid workers in the business (otherworkers_1) <br> File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 752
Format: character Width: 3

## Literal question

Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1)

Hours in total household members apart from resp. worked in business last week (otherworkers_2)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-110

## Valid cases: 607

Invalid: 211
Minimum: 0
Maximum: 119

Hours in total household members apart from resp. worked in business last week (otherworkers_2)
File: GhanaRound5Single_la
How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers 2)

## Number of hours in total apprentices worked in the business (otherworkers_3)

File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

Valid cases: 743
Invalid: 75
Minimum: 0
Maximum: 300

## Literal question

How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3)

Number of hours in total non-household paid employees worked in the business (otherworkers_4)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 818
Format: character Width: 3

Invalid: 0

## Literal question

How many hours in total did non-household paid employees work in the business?

Number of days business was not operating in October 2009 (business_11)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 818
Format: character
Width: 9
Invalid: 0

## Literal question

For how many days was your business NOT operating in April 2009? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11)

## Interviewer instructions

If none, skip over questions about business closure.

Number of days business was closed because respondent was ill (business_12a)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 799
Format: character
Width: 40
Invalid: 0

## Literal question

For how many days was the business closed because you were ill? (business_12a)

Number of days business was closed because someone else was ill (business_12b)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 810
Format: character
Invalid: 0
Width: 2

## Literal question

For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b)

Number of days business was closed because of other family or community events (business_12c)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

## Literal question

For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c)
(expenses_stopwatch)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Format: character Width: 8

Purchase of raw materials and items for resale - Monthly expenses for Oct. 2009 (income_3a)
File: GhanaRound5Single_la

# Purchase of raw materials and items for resale - Monthly expenses for Oct. 2009 (income_3a) 

File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-40400

## Literal question

Purchase of raw materials and items for resale: (income_3a)

Valid cases: 745
Invalid: 73
Minimum: 0
Maximum: 40400

Purchase of electricity, water, gas and fuel - Monthly expenses for Oct. 2009 (income_3b)
File: GhanaRound5Single_la

## Overview

| Type: Continuous | Valid cases: 700 |
| :--- | :--- |
| Format: numeric | Invalid: 118 |
| Width: 4 | Minimum: 0 |
| Decimals: 0 | Maximum: 1200 |
| Range: $0-1200$ |  |
| Literal question |  |
| Purchase of electricity, water, gas and fuel: (income_3b) |  |

Payments to employees and apprentices - Monthly expenses for Oct. 2009 (income 3c)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-3000

## Literal question

Payments to employees and apprentices: (income_3c)

# Expenditure on telephone and cellphone airtime - Monthly expenses for Oct. 2009 (income_3d) <br> File: GhanaRound5Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-210

## Valid cases: 636

Invalid: 182
Minimum: 0
Maximum: 3000

## Literal question

Expenditure on telephone and cellphone airtime: (income_3d)

Valid cases: 643
Invalid: 175
Minimum: 0
Maximum: 210

Maintenance, repair, and transportation - Monthly expenses for Oct. 2009 (income_3e)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 713
Format: numeric
Invalid: 105
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1000
Range: 0-1000

Literal question<br>Maintenance, repair, and transportation: (income_3e)

# Rent of machinery and equipment - Monthly expenses for Oct. 2009 (income_3f) 

File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-120

Valid cases: 584
Invalid: 234
Minimum: 0
Maximum: 120

## Literal question

Rent of machinery and equipment: (income_3f)

Interest paid on loans(in GHc,not percentage terms) - Monthly expenses,Oct. 2009 (income_3g)
File: GhanaRound5Single_la

## Overview

Type: Continuous Valid cases: 588

Format: numeric
Invalid: 230
Width: 3
Minimum: 0
Decimals: 0
Maximum: 390
Range: 0-390

## Literal question

Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g)

Gifts,tips and bribes given to gov. officials - Monthly expenses for Oct. 2009 (income_3h)
File: GhanaRound5̄Single_la

## Overview

Type: Continuous
Valid cases: 587
Format: numeric
Invalid: 231
Width: 2
Minimum: 0
Decimals: 0
Maximum: 40

## Literal question

Gifts, tips and bribes given to government officials: (income_3h)

# Automatic sum of total monthly expenses (income_3i) File: GhanaRound5Single_la 

Overview
Type: Discrete Valid cases: 816
Format: character
Invalid: 0
Width: 11

## Literal question

Automatically sum the total monthly expenses (income_3i)

# Verification: Sum of the expenses just listed for last month was accurate (income_3j) 

File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 750
Format: character
Invalid: 0

## Literal question

The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j)

# Estimate of total of expenses for the last month (income_3k) <br> File: GhanaRound5Single_la 

## Overview

| Type: Continuous | Valid cases: 3 |
| :--- | :--- |
| Format: numeric | Invalid: 815 |
| Width: 3 | Minimum: 90 |
| Decimals: 0 | Maximum: 120 |
| Range: $90-120$ |  |

## Literal question

What do you estimate to be the total of these expenses for the last month? (income_3k)
(sales_stopwatch)
File: ḠhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

Total monthly sales of the business (Including sales of services)
GHc- Oct. 2009 (income_2a)
File: GhanaRound5Single_la

## Overview

# Total monthly sales of the business (Including sales of services) GHc- Oct. 2009 (income_2a) 

File: GhanaRound5Single_la
Type: Continuous Valid cases: 750
Format: numeric
Invalid: 68
Width: 5
Minimum: 0
Decimals: 0
Maximum: 43000
Range: 0-43000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For October 2009 (GHc) (income_2a)

# Total monthly sales of the business (Including sales of services) <br> GHc- Sept. 2009 (income_2b) 

File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-43000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For September 2009 (GHc) (income_2b)

Total monthly sales of the business (Including sales of services)
GHc- Aug. 2009 (income_2c)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 747
Format: numeric
Invalid: 71
Width: 6
Minimum: 0
Decimals: 0
Range: 0-100000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For August 2009 (GHc) (income_2c)

Original 'large' number (sales_large_number)
File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 816
Width: 5
Minimum: 16200
Decimals: 0
Maximum: 43000

# Verification: Sales are correct for sales >= 10000 (sales_large_1) File: GhanaRound5Single_la 

## Overview

Type: Discrete
Valid cases: 808
Format: character
Invalid: 0
Width: 19

## Literal question

Your reported sales for October is X. This is a large number. Is this correct? (sales_large_1)

# Round4Sales (round4sales) 

File: GhanaRound5Single_la

## Overview

Type: Discrete Format: character Width: 16

Valid cases: 813
Invalid: 0

## (percentage_sales)

File: GhanaRound5Single_la

## Overview

Type: Continuous Valid cases: 729
Format: numeric
Invalid: 89
Width: 4
Minimum: -1
Decimals: 0
Maximum: 1400
(neg_percentage_sales)
File: GhanaRound5Single_la

## Overview

Type: Continuous Valid cases: 729
Format: numeric
Invalid: 89
Width: 5
Minimum: -4200
Decimals: 0
Maximum: 3
Range: -4200-3
(change_sales_sq)
File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 813
Format: character
Invalid: 0
Width: 16

## Verification: Substantial percentage change in sales is correct (sales 1)

## File: GhanaRound5Single_la

## Overview

Type: Discrete
Valid cases: 386
Format: character
Width: 22
Invalid: 0

## Literal question

You said sales for October 2009 were X, and in the last survey you told us sales for October 2009 were Y . Is it correct that your sales have changed this much? (sales_1)

## July 2009 sales if sales_1==No (sales_2) <br> File: GhanaRound5Single_la

## Overview

Type: Continuous
Valid cases: 11
Format: numeric
Invalid: 807
Width: 4
Minimum: 30
Decimals: 0
Maximum: 5250
Range: 30-5250

## Pre question

You said sales for October 2009 were X, and in the last survey you told us sales for October 2009 were Y . Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think October 2009 and July 2009 sales actually were? July 2009 sales: (sales_2)

## October 2009 sales if sales_1==No (sales_3) <br> File: GhanaRound5Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 40-5620

Valid cases: 11
Invalid: 807
Minimum: 40
Maximum: 5620

## Pre question

You said sales for October 2009 were X, and in the last survey you told us sales for October 2009 were $Y$. Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think January 2009 and September/October 2008 sales actually were? October 2009 sales: (sales_3)
(product_stopwatch)
File: GhanaRound5Single_la

## Overview

# Most important product or service sold still same as in Round 4 (product 1) 

File: GhanaRound5Single_la

## Overview

Type: Discrete Valid cases: 752
Format: character
Invalid: 0
Width: 50

## Literal question

In the last survey, you told us that the most important product or service you sold was [ x ]. Is this still your most important product or service? (product_1)

## Repeat if blank. (repeatifblank)

File: GhanaRound5Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 818 |
| Width: 1 |  |
| Decimals: 0 |  |

Name of most important product or service (income_7a) File: GhanaRound5Single_la

## Overview

```
Type: Discrete
Valid cases: 616
Format: character
Invalid: 0

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a)

\title{
Unit of most important product or service (income_7b_1) File: GhanaRound5Single_la
}

\section*{Overview}

Valid cases: 754
Format: character
Invalid: 0

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE Unit: (income_7b_1)

Sale price per unit (GHc) of most important product or service (income_7b_2)
File: GhanaRound5Single_la

\section*{Overview}

\title{
Sale price per unit (GHc) of most important product or service (income_7b_2)
}

File: GhanaRound5Single_la
Type: Continuous Valid cases: 750
Format: numeric
Invalid: 68
Width: 4
Minimum: 0
Decimals: 0
Maximum: 4500
Range: 0-4500

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE Sale price per unit (GHc): (income_7b_2)

\title{
Cost of raw materials for one unit (GHc) of most important product or service (income_7c) \\ File: GhanaRound5Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 749 \\
Format: numeric & Invalid: 69 \\
Width: 4 & Minimum: 0 \\
Decimals: 0 & Maximum: 3000 \\
Range: \(0-3000\) & \\
Literal question & \\
MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c)
\end{tabular}

Verification: Correct that product is sold for less than bought (income_7d)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete Valid cases: 718
Format: character
Invalid: 0
Width: 20

\section*{Literal question}

You have told me that you sell this product for less than you buy it. Is this correct? (income_7d)

Verification: Correct that product is sold for the same price as bought (income_7e)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 799
Format: character
Invalid: 0

\section*{Width: 20}

\section*{Literal question}

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e)

\title{
Verification: Correct that materials for this product cost nothing (income 7f)
}

File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 774
Format: character
Width: 20
Invalid: 0

\section*{Literal question}

You have told me that the materials for this product cost nothing. Is this correct? (income_7f)

Units sold in the last month of most important product or service (income_7g)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 805
Format: character
Invalid: 0

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g)

Share of most important product or service in total sales (\%) (income_7h)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 577
Invalid: 241
Minimum: 0
Maximum: 100
\[
\text { Decimals: } 0
\]

\section*{Literal question}

MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h)

Jump to end if previous is blank. (jumptoendifpreviousisblank)
File: GhanaRound5Single_la

\section*{Overview}

Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Jump to error message if share negative.
(jumptoerrormessageifsharenegativ)
File: GhanaRound5Single_la

\title{
Jump to error message if share negative. \\ (jumptoerrormessageifsharenegativ) \\ File: GhanaRound5Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 818 \\
Width: 1 & \\
Decimals: 0 &
\end{tabular}

\section*{(percentage_price)}

File: GhanaRound5Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 731 \\
Format: character & Invalid: 0
\end{tabular}

Invalid: 0

Width: 32
(neg_percentage_price)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous Valid cases: 733
Format: numeric Invalid: 85
Width: \(3 \quad\) Minimum: -75
Decimals: 0
Maximum: 3
Range: -75-3
(change_price_sq)
File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 813
Format: character
Invalid: 0
Width: 16

Verification: Sale price for main product changed substantially (prices_1)
File: Gh̄anaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 633
Format: character

Invalid: 0

\section*{Literal question}

You said that the sale price for your main product in July 2009 was X GHc. In the previous survey, you told us that the sale price for your main product for April was Y GHc. Is it correct that the sale price for your main product has changed this much? (prices_1)

Correct price for main product (GHc) - July 2009 (prices_2)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 54
Format: numeric
Invalid: 764
Width: 12
Minimum: 0.1
Decimals: 0
Maximum: 1100
Range: 0.1000000015-1100

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values. July 2009 price for your main product (GHc): (prices_2)

Correct price for main product (GHc) - October 2009 (prices_3)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 54
Format: numeric
Invalid: 764
Width: 11
Minimum: 0.2
Decimals: 0
Maximum: 1300
Range: 0.200000003-1300

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values.
October 2009 price for your main product: (prices_3)

Started manufacturing/selling new product/offering new service in last 3 months (product_2)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

Jump: Repeat if blank (2) (jumprepeatifblank2)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Type/Name of new product(s) or service(s) (product_3)
File: GhanaRound5Single_la

\section*{Overview}

\title{
Type/Name of new product(s) or service(s) (product_3) File: GhanaRound5Single_la
}

Type: Discrete Valid cases: 585
Format: character
Invalid: 0
Width: 62

\section*{Pre question}

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

\section*{Literal question}

What is/are the new product(s) or service(s)? (product_3)

\title{
Percentage of total sales made by the new product(s) or service(s) (product 4)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 45
Format: numeric
Width: 2
Decimals: 0
Range: 0-80

\section*{Literal question}

What percentage of total sales do the new product(s) or service(s) make? (product_4)
(income_stopwatch)
File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

Invalid: 773
Minimum: 0
Maximum: 80

Width: 8

Question on profits answered ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (income_4a) File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character Width: 3

Invalid: 0

\section*{Literal question}

After paying all expenses, what was the income of the business (the profits) during October 2009 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a)

\section*{Profit during October 2009 (income_4b) File: GhanaRound5Single_la}

\section*{Overview}

\section*{Profit during October 2009 (income_4b) File: GhanaRound5Single_la \\ Type: Discrete Valid cases: 818 \\ Format: character \\ Invalid: 0 \\ Width: 11}

\section*{Literal question}

After paying all expenses, what was the income of the business (the profits) during October \(2009(\mathrm{GHC})\) ? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Profit: (income_4b)

\title{
Profit range [Categories provided] (income_4c) \\ File: GhanaRound5Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 818
\end{tabular}

Format: numeric
Invalid: 818
Width: 1
Decimals: 0

\section*{Literal question}

After paying all expenses, what was the income of the business (the profits) during October \(2009(\mathrm{GHC})\) ? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Was the amount: (income_4c)

\title{
Proportion of profits that is typically invested into the business (income_4d)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

Valid cases: 750
Invalid: 68
Minimum: 0
Maximum: 100

\section*{Pre question}

After paying all expenses, what was the income of the business (the profits) during October 2009 (GHC)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.

\section*{Literal question}

What proportion of this amount do you typically invest in your business (\%)? (income_4d)
'income_4d' included value of goods or serv. that resp. and household consumed (income_4e)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 3

\section*{Pre question}

What proportion of this amount do you typically invest in your business (\%)?

\section*{Literal question}

\title{
'income_4d' included value of goods or serv. that resp. and household consumed (income_4e)
}

File: GhanaRound5Single_la
In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business?

Value of goods and services that resp. and household consumed from - Oct. 2009 (income_4f)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 167
Format: numeric
Invalid: 651
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

\section*{Literal question}

What was the value of the goods and services that you and your household consumed from the business in October 2009? (income_4f)

\section*{Correct value for sales in October 2009 (income_5c) File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-680

Valid cases: 7
Invalid: 811
Minimum: 0
Maximum: 680

\section*{Literal question}

What is the correct value for sales in October 2009? (income_5c)

Correct value for profits in October 2009 (income_5d)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 7
Format: numeric
Invalid: 811
Width: 3
Minimum: 30
Decimals: 0
Maximum: 250
Range: 30-250

\section*{Literal question}

What is the correct value for profits in October 2009? (income_5d)

Correct value for sales in October 2009 (income_6c)
File: GhanaRound5Single_la

\title{
Correct value for sales in October 2009 (income_6c) File: GhanaRound5Single_la
}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 15 \\
Format: numeric & Invalid: 803 \\
Width: 3 & Minimum: 0 \\
Decimals: 0 & Maximum: 280
\end{tabular}

Range: 0-280

\section*{Literal question}

What is the correct value for sales in October 2009? (income_6c)

\title{
Correct value for profits in October 2009 (income_6d) File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-220

\section*{Literal question}

What is the correct value for profits in October 2009? (income_6d)

\section*{(percentage profit)}

\section*{File: GhanaRound5Single_la}

\section*{Overview}
Type: Continuous Valid cases: 731

Format: numeric
Invalid: 87
Width: 3
Minimum: -1
Decimals: 0
Range: -1-350
(neg_percentage_profit)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 732
Format: numeric
Invalid: 86
Width: 5
Minimum: -1050
Decimals: 0
Range: -1050-3
(change_profit_sq)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 813
Format: character
Width: 16

Valid cases: 14
Invalid: 804
Minimum: 0
Maximum: 220

Maximum: 350

Maximum: 3

Invalid: 0

Verification: percentage change in profits is correct if it is significant (profits_1)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 482
Format: character
Invalid: 0
Width: 22

\section*{Literal question}

You said that profits for October 2009 were X . In the previous survey, you told us that profits for [month] were Y . Is it correct that your profit has changed this much?

\section*{July 2009 profits if profits_1==No (profits_2)}

File: GhanaRound5Single_la

\section*{Overview}
Type: Continuous Valid cases: 9

Format: numeric Invalid: 809
Width: 3
Minimum: 15
Decimals: 0
Range: 15-450
Maximum: 450

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values. [earlier month] 2009 profit:

October 2009 profits if profits_1==No (profits_3)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 9
Format: numeric
Invalid: 809
Width: 3
Minimum: 20
Decimals: 0
Range: 20-500

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values.
October 2009 profit

\section*{LookupRound4Profit (lookupround4profit)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete

File: GhanaRound5Single_la

\section*{Overview}

\section*{(profits_4)}

\section*{File: GhanaRound5Single_la}

Type: Continuous Valid cases: 23
Format: numeric
Invalid: 795
Width: 3
Minimum: 0
Decimals: 0
Maximum: 350
(profits_5)

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 48
Format: numeric
Invalid: 770
Width: 2
Decimals: 0
Range: 0-14

\section*{LookupRound4Sales (lookupround4sales) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Discrete
Format: character
Valid cases: 813
Width: 16
(profits_6)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1200

\section*{Valid cases: 17}

Invalid: 801
Minimum: 0
Maximum: 1200

\section*{(profits_7)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 43
Format: numeric
Invalid: 775
Width: 1
Decimals: 0
Range: 0-0

Number of businesses owned (income_12a)
File: GhanaRound5Single_la

\section*{Overview}

Number of businesses owned (income_12a)
File: GhanaRound5Single_la
Type: Discrete
Valid cases: 749
Format: numeric
Width: 1
Decimals: 0
Range: 0-4

\section*{Literal question}

How many businesses do you own? (income_12a)
[skip if only one]

Money taken home from other businesses in October (income_12b) File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous

\section*{Valid cases: 81}

Format: numeric
Invalid: 737
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1200
Range: 0-1200

\section*{Literal question}

How much money did you take home from these other businesses in October? Include the money you saved or gave to family and friends. (income_12b)

Any free goods or serv. given to non-members of resp.'s household? - Oct. 2009 (income_10a)

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Width: 3

\section*{Literal question}

In October 2009, did you give any free goods or services to non-members of your household? (income_10a)

\section*{Approximate sale value of the goods and services given for free (GHc) (income_10b)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 206
Format: numeric
Invalid: 612
Width: 3
Minimum: 1
Decimals: 0
Range: 1-150

\section*{Literal question}

What is the approximate sale value of the goods and services given for free (GHc)? (income_10b)

\title{
Respondent rents land or rooms ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (income_13a) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a)

\section*{Total income made from renting land or rooms in October 2009 (income 13b)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 16
Format: numeric
Invalid: 802
Width: 3
Minimum: 0
Decimals: 0
Maximum: 120
Range: 0-120

\section*{Literal question}

In October 2009, what was your total income you made from renting land or rooms? (income_13b)

\title{
Anyone other than employees used any business assets, during past 3 months (reciprocity_1) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

\section*{Types of assets used (reciprocity_2) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Discrete \(\quad\) Valid cases: 665
Format: character Invalid: 0
Width: 46

\section*{Pre question}

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

\section*{Literal question}
(If yes) which of the following types of assets did they use? (Please tick all that apply.) (reciprocity_2)

\section*{Frequency of usage (reciprocity_3)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete Valid cases: 665
Format: character
Invalid: 0
Width: 74

\section*{Pre question}

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

\section*{Literal question}
(If yes) Which of the following apply? (reciprocity_3)

Respondent received rental income as compensation for use of any of the assets (reciprocity_4)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 750
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4)

\section*{Revenue from rental of business assets in October (GHc) (reciprocity_5)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 814
Width: 2
Minimum: 10
Decimals: 0
Maximum: 50
Range: 10-50

\section*{Pre question}

Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4)

\section*{Literal question}
(If yes) During October, what was your revenue from rental of business assets? (GhC) (reciprocity_5)

\title{
Included revenue from rental in the business income reported earlier (reciprocity_6)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 792
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Have you included the revenue from rental in the business income you reported earlier? (reciprocity_6)

Received other compensation (reciprocity_7)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did you receive some other compensation, such as gifts, household services, or the use of assets of another business? (reciprocity_7)
(inventories_stopwatch)
File: GhanaRound5Single_la

\section*{Overview}
Type: Discrete Valid cases: 752

Format: character
Invalid: 0
Width: 8

Bus. holds products for sale,raw materials,products in production or spare parts (inventories_1)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete Valid cases: 751
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1)

\title{
Total purchase cost of inventories (GHc) (inventories_2) File: GhanaRound5Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 676 \\
Format: numeric & Invalid: 142 \\
Width: 5 & Minimum: 2 \\
Decimals: 0 & Maximum: 14000 \\
Range: 2 -14000 & \\
Literal question & \\
What is the total purchase cost of these goods (GHC)? (inventories_2)
\end{tabular}

Value of items on hand to sell (GHc) (inventories_3)
File: GhanaRound5Single_la

\section*{Overview}

\title{
Value of items on hand to sell (GHc) (inventories_3) \\ File: GhanaRound5Single_la
}

Literal question
You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3)

\section*{(percentage_inventories) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous Valid cases: 632
Format: numeric Invalid: 186
Width: 13
Minimum: -1
Decimals: 0
Maximum: 80

\section*{(neg_percentage_inventories)}

File: GhanaRound5Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 632 \\
Format: numeric & Invalid: 186 \\
Width: 11 & Minimum: -240 \\
Decimals: 0 & Maximum: 3 \\
Range: \(-240-2.971764803\) &
\end{tabular}

\section*{(change_inventories_sq)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 813
Format: character
Invalid: 0
Width: 16

\title{
Verification: Change in inventories holding is correct (inventories 5) \\ File: GhanaRound5Single_la
}

\section*{Overview}

\section*{Type: Discrete}

Valid cases: 370
Format: character
Invalid: 0

\section*{Literal question}

You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number ' \(Y\) ' was looked up correctly to trigger the check, but then referenced wrongly in this question.]
Is is correct that your inventories holding has changed that much? (inventories_5)

\title{
Correct total purchase cost of inventories held at the start of business today (inventories_6) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 45-2000

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

\section*{Correct value for previous survey (inventories 7) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 808
Width: 4
Minimum: 21
Decimals: 0
Maximum: 1200

Range: 21-1200

\section*{Pre question}

What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

\section*{Literal question}

What was the correct value for the previous survey? (inventories_7)

\title{
Cash currently hold for the business (inventories_4) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-50000

\section*{Literal question}

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(inventories_4)

\section*{(percentage_cash)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 731
Format: numeric
Invalid: 87
Width: 3
Minimum: -1
Decimals: 0
Range: -1-400

\section*{Valid cases: 747}

Invalid: 71
Minimum: 0
Maximum: 50000
(neg_percentage_cash)
File: GhanaRound5Single_la
Overview
Type: Continuous Valid cases: 733
Format: numeric
Invalid: 85
Width: 5
Minimum: -1200
Decimals: 0
Maximum: 3
(change_cash_sq)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 813
Format: character
Invalid: 0
Width: 16

Verification: change in cash holding is correct (cash_1)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 480
Format: character
Invalid: 0
Width: 22

\section*{Correct value of cash currently available (cash_2) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 19
Format: numeric
Invalid: 799
Width: 4
Decimals: 0
Range: 0-3000

\section*{Literal question}

You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2)

\section*{(cash_3)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 19
Format: numeric
Invalid: 799
Width: 4
Minimum: 0
Decimals: 0
Maximum: 3000
(assets_stopwatch)
File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 8

\title{
Add. land/buildings/furniture/machines/equip./tools/other assets since July (assets_1)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete Valid cases: 751
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our July interview? (assets_1)

\section*{Interviewer instructions}
[Enumerator: note, this should not include raw materials and inventories]

Business acquired any land or market space used by the business since July (assets 2a)
File: GhanaRound 5 Single_la

\section*{Overview}

Type: Discrete
Valid cases: 611
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [ X ] used by the business since [earlier interview]?
Land or market space

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_2b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 765
Format: character
Invalid: 0
Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Land or market space

Purchase cost of land or market space (GHc) (assets_2c)
File: GhanaRound5Single_la

\title{
Purchase cost of land or market space (GHc) (assets_2c) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete Valid cases: 811
Format: character
Invalid: 0
Width: 13

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Land or market space

\title{
Business acquired any kiosk,shed or building used by the business since July (assets_3a) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 611
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [ X ] used by the business since [earlier interview]?
Kiosk, shed or building

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_3b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 762
Format: character
Invalid: 0
Width: 9
Literal question
How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Kiosk, shed or building

\title{
Purchase cost of kiosk,shed or building (GHc) (assets_3c) File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 6
Format: numeric
Invalid: 812
Width: 3
Minimum: 150
Decimals: 0
Maximum: 700
Range: 150-700

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Kiosk, shed or building

\title{
Business acquired any furniture and display cases used by business since July (assets 4a) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 611
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [X] used by the business since [earlier interview]?
Furniture and display cases

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets 4b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 774
Format: character
Invalid: 0
Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Furniture and display cases

\section*{Purchase cost of furniture and display cases (GHc) (assets_4c) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous

\section*{Valid cases: 6}

Format: numeric
Invalid: 812
Width: 2
Minimum: 0
Decimals: 0
Maximum: 80
Range: 0-80

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Furniture and display cases

\section*{Business acquired any machines and equipment used by the business since July (assets_5a)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 611
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [X] used by the business since [earlier interview]?
Machines and equipment

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_5b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Machines and equipment

\title{
Purchase cost of machines and equipment (GHc) (assets_5c) File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 12
Format: numeric
Invalid: 806
Width: 3
Minimum: 0
Decimals: 0
Maximum: 350
Range: 0-350

\section*{Literal question}

What is the purchase cost of [x]? (GHC)
Machines and equipment

\section*{Business acquired any other equipment, tools and utensils since July (assets_6a)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 611
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business acquire any [ X ] used by the business since [earlier interview]?
Other equipment, tools and utensils

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_6b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 718
Format: character
Invalid: 0 Width: 9

\section*{Literal question}

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Other equipment, tools and utensils

\title{
Purchase cost of other equipment, tools and utensils (GHc) (assets 6c) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 808
Width: 3
Minimum: 3.5
Decimals: 0
Maximum: 120
Range: 3.5-120

\section*{Literal question}

What is the purchase cost of [x]? (GHc)
Other equipment, tools and utensils

\title{
Disp. of land/build./furniture/machines/equip./tools/other assets since July (assets_7)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since our February interview? (assets_7)

\section*{Interviewer instructions}
[Enumerator: note, this should not include raw materials and inventories]

\title{
Sold/returned/lost/otherwise disposed of any land or market space since July (assets_8a)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 693
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Land or market space

Way of sale, loss or damage (assets_8b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 783
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space

Sale price or value of land or market space (GHc) (assets_8c)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 6
Format: numeric
Invalid: 812
Width: 3
Minimum: 0
Decimals: 0
Maximum: 500
Range: 0-500

\section*{Literal question}

What is the sale price or value of [x]? (GHc)
Land or market space

\title{
Sold/returned/lost/otherwise disposed of kiosk,shed or building since July (assets_9a)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 693
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?]
Kiosk, shed or building

Way of sale, loss or damage (assets_9b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 791
Format: character
Invalid: 0

\section*{Width: 28}

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building

Sale price or value of kiosk,shed or building (GHc) (assets_9c) File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 814
Width: 3
Minimum: 0
Decimals: 0
Maximum: 500

\section*{Range: 0-500}

\section*{Literal question}

What is the sale price or value of [x]? (GHc)
Kiosk, shed or building

\title{
Sold/returned/lost/otherwise disposed of furnit. and display cases since July (assets_10a)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 693
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Furniture and display cases

\title{
Way of sale, loss or damage (assets_10b) \\ File: GhanaRound5Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 785 \\
Format: character & Invalid: 0
\end{tabular}

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases
Sale price or value of furniture and display cases (GHc) (assets_10c)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous

\section*{Valid cases: 4}

Format: numeric
Invalid: 814
Width: 4
Minimum: 5
Decimals: 0
Maximum: 1050
Range: 5-1050

\section*{Literal question}

What is the sale price or value of [ \(x\) ]? (GHc)
Furniture and display cases

\section*{Sold/returned/lost/otherwise disposed of any machines and equip. since July (assets_11a) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 693
Format: character
Invalid: 0

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since
[the earlier interview?]
Machines and equipment

\title{
Way of sale, loss or damage (assets_11b) \\ File: GhanaRound5Single_la
}

Overview
Type: Discrete Valid cases: 768
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment

\title{
Sale price or value of machines and equipment (GHc) (assets_11c) File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 10
Format: numeric
Invalid: 808
Width: 3
Minimum: 3
Decimals: 0
Maximum: 350
Range: 3-350

\section*{Literal question}

What is the sale price or value of \([x]\) ? ( GHc )
Machines and equipment

Sold/returned/lost/otherwise disp. of other equip.,tools, utensils since July (assets 12a)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
```

Valid cases: 693

```

Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Other equipment, tools and utensils

\title{
Way of sale, loss or damage (assets_12b) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 739
Format: character
Invalid: 0
Width: 28

\section*{Literal question}

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils

Sale price or value of other equipment, tools and utensils (GHc) (assets_12c)
File: GhanaRound5Single_la
Overview
Type: Continuous
Valid cases: 13
Format: numeric
Invalid: 805
Width: 3
Minimum: 0
Decimals: 0
Range: 0-320
Maximum: 320

\section*{Literal question}

What is the sale price or value of [x]? (GHc)
Other equipment, tools and utensils
(credit_stopwatch)
File: GhanaRound5Single_la
Overview
Type: Discrete Valid cases: 751
Format: character
Invalid: 0
Width: 8

Respondent uses susu collector to deposit money ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (credit 1)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Do you use a susu collector to deposit money? (credit_1)

Jump if no susu collector. (jumpifnosusucollector)
File: GhanaRound5Single_la
Overview
Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Average deposit made with the susu collector each day during
October 2009 (GHc) (credit_2)
File: GhanaRound5Single_la

\section*{Overview}

\title{
Average deposit made with the susu collector each day during October 2009 (GHc) (credit 2)
}

File: GhanaRound5Single_la
Type: Continuous Valid cases: 396
Format: numeric
Invalid: 422
Width: 2
Minimum: 0
Maximum: 20
Decimals: 0
Range: 0-20

\section*{Literal question \\ On average, how much did you deposit with the susu collector each day during October 2009 (GHc)? (credit_2)}

Received a new loan from a bank since May ( \(1=\) Yes, \(2=\mathrm{No}\) ) (credit_3)
File: GhanaRound5Single_la
Overview

Type: Discrete
Valid cases: 751
Format: character Width: 3

Amount of the loan from bank (credit_4)
File: GhanaRound5Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 8 \\
Format: numeric & Invalid: 810 \\
Width: 4 & Minimum: 50 \\
Decimals: 0 & Maximum: 1300 \\
Range: \(50-1300\) &
\end{tabular}

\section*{Pre question}

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

\section*{Literal question}

If yes, what was the amount of the loan? (credit 4)

Received a new loan from a microfinance organization since May (1=Yes, \(2=\) No) (credit_5)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0

\footnotetext{
Literal question
Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5)
}

\title{
Amount of the loan from microfinance organization (credit_6) File: GhanaRound5Single_la
}

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 30-2000

\section*{Valid cases: 7}

Invalid: 811
Minimum: 30
Maximum: 2000

\section*{Pre question}

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5)

\section*{Literal question}

If yes, what was the amount of the loan? (credit_6)

\title{
Received a new loan from family or friends for the business since May (credit_7)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Have you received a new loan from family or friends for the business since May? (credit_7)

\section*{Amount of the loan from family or friends (credit_8) File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 29
Format: numeric
Invalid: 789
Width: 4
Minimum: 20
Decimals: 0
Maximum: 1500
Range: 20-1500

\section*{Pre question}

Have you received a new loan from family or friends for the business since May? (credit_7)

\section*{Literal question}

If yes, what was the amount of the loan? (credit_8)
(expenditure_stopwatch)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Format: character Width: 8

Valid cases: 751
Invalid: 0

\title{
Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-420

\section*{Literal question}

Last week:
How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHC)? (household_2a)

\section*{Last WEEK'S household expenditure on: Food and drink consumed outside the home (household_2b) File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 749
Format: numeric
Invalid: 69
Width: 3
Minimum: 0
Decimals: 0
Range: 0-490

\section*{Literal question}

Last week:
How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b)
Last MONTH's household expenditures on: Housing (household_3a)

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-280

Valid cases: 749
Invalid: 69
Minimum: 0
Maximum: 280

\section*{Literal question}

How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a)
Last MONTH's household expenditures on: Fuel and Light (household_3b)

File: GhanaRound5Single_la

\section*{Overview}

\title{
Last MONTH's household expenditures on: Fuel and Light (household 3b)
}

File: GhanaRound5Single_la

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-156

Valid cases: 747
Invalid: 71
Minimum: 0
Maximum: 156

\section*{Literal question}

How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b)

\section*{Last MONTH's household expenditures on: Non-durable household goods (household_3c) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 744
Format: numeric
Invalid: 74
Width: 2
Minimum: 0
Decimals: 0
Maximum: 85
Range: 0-85

\section*{Literal question}

How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c)

\title{
Last MONTH's household expenditures on: Communication (household_3d) \\ File: GhanaRound5Single_la \\ \\ Overview
} \\ \\ Overview
}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-250

Valid cases: 743
Invalid: 75
Minimum: 0
Maximum: 250

\section*{Literal question}

How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal)

\section*{Last MONTH's household expenditures on: Recreation and entertainment (household_3e) File: GhanaRound5Single_la}

\section*{Overview}

\section*{Literal question}

How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery)

\title{
Last MONTH's household expenditures on: Transport (household 3f)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-90

Valid cases: 719
Invalid: 99
Minimum: 0
Maximum: 90

\section*{Literal question}

How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees)

\title{
Last MONTH's household expenditures on: Household services (household_3g) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric Width: 3
Decimals: 0 Range: 0-200

Valid cases: 730
Invalid: 88
Minimum: 0
Maximum: 200

\section*{Literal question}

How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g)

\section*{Last MONTH's household expenditures on: Personal care services (household 3h)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-120

Valid cases: 748
Invalid: 70
Minimum: 0
Maximum: 120

\section*{Literal question}

How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h)

> Last MONTH's household expenditures on: Contributions to associations (household 3i)
> File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: -15-300

Valid cases: 740
Invalid: 78
Minimum: -15
Maximum: 300

\section*{Last MONTH's household expenditures on: Contributions to associations (household 3i)}

File: GhanaRound5Single_la
Literal question
How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household 3i)

\title{
Over past THREE MONTHS household expenditures on: Clothing and textiles (household_4a) \\ File: GhanaRound5Single_la
}

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 741 \\
Format: numeric & Invalid: 77 \\
Width: 3 & Minimum: 0 \\
Decimals: 0 & Maximum: 300 \\
Range: \(0-300\) & \\
Literal question &
\end{tabular}

Literal question
Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)?
(household_4a)

\title{
Over past THREE MONTHS household expenditures on: Footwear (household 4b) \\ File: GhanaRound5Single_la \\ \\ Overview
} \\ \\ Overview
}

Type: Discrete
Valid cases: 816
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b)

Over past THREE MONTHS household expenditures on:
Funerals,weddings,ceremonies (household_4c)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1500

Valid cases: 729
Invalid: 89
Minimum: 0
Maximum: 1500

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c)

Over past THREE MONTHS household expenditures on:
Electronic goods (household_4d)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 722
Format: numeric
Invalid: 96
Width: 3
Minimum: 0
Decimals: 0
Maximum: 200
Range: 0-200

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d)

Over past THREE MONTHS household expenditures on:
Household furnishings (household_4e)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e)

Over past THREE MONTHS household expenditures on:
Household appliances (household_4f)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 719
Format: numeric
Invalid: 99
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300

Range: 0-300

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f)

Over past THREE MONTHS household expenditures on: Vehicles (household_4g)
File: GhanaRound5Single_la

\section*{Overview}

\title{
Over past THREE MONTHS household expenditures on: Vehicles (household_4g)
}

File: GhanaRound5Single_la

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

Valid cases: 722
Invalid: 96
Minimum: 0
Maximum: 100

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)?
(household_4g)

\section*{Over past THREE MONTHS household expenditures on: Health expenses (household_4h)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 743
Format: numeric
Invalid: 75
Width: 3
Minimum: 0
Decimals: 0
Maximum: 900

\section*{Range: 0-900}

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h)

\section*{Over past THREE MONTHS household expenditures on: Education (household 4i) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 742
Format: numeric
Invalid: 76
Width: 4
Minimum: 0
Decimals: 0
Maximum: 3000
Range: 0-3000

\section*{Literal question}

Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHc)? (household_4i)
(transfers_stopwatch)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 8

Made payments in cash or goods to people living outside household, past 3 months (transfers_1)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1)

Repeat if blank. (v266)
File: GhanaRound5Single_la

\section*{Overview}
Type: Discrete Valid cases: 0

Format: numeric Invalid: 818
Width: 1
Decimals: 0

\section*{Transfer made to (transfers_2) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 438
Format: character
Invalid: 0
Width: 59

\section*{Pre question}

During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1)

\section*{Literal question}

To whom did you make the transfers? (transfers_2)

Approximate amount of cash given to people outside the household, past 3 months (transfers_3)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1000

\section*{Literal question}

Approximately how much cash did you give to people outside your household during the past three months? (transfers_3)

Approx. value of goods provided to people outside the household, past 3 months (transfers_4)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 152
Format: numeric
Invalid: 666
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

\section*{Literal question}

What is the approximate value of the goods you provided to people outside your household during the past three months? (transfers_4)

Received any transfers in cash or goods from people living outside the household (transfers_5)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

\section*{Width: 3}

\section*{Literal question}

During the past three months, did you receive any transfers in cash or goods from people living outside your household? (transfers_5)

Received transfer from (transfers_6)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete Valid cases: 520
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

Who did you receive the transfers from? (transfers_6)

Approx. amount of cash received from people outside household, past three months (transfers_7)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Invalid: 734
Width: 4
Minimum: 0
Decimals: 0
Maximum: 5000
Range: 0-5000

\section*{Literal question}

Approximately how much cash did you receive from people outside your household during the past three months? (transfers_7)

Approx. value of goods received from people outside household, past three months (transfers_8)
File: GhanaRound5Single_la
Overview
Type: Continuous
Valid cases: 83
Format: numeric
Invalid: 735
Width: 3
Minimum: 0
Decimals: 0
Maximum: 550
Range: 0-550

\section*{Literal question}

What is the approximate value of the goods you received from people outside your household during the past three months? (transfers_8)
(treatment_stopwatch)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Width: 8

\section*{TreatmentType (treatmenttype)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 742
Format: character
Invalid: 0
Width: 16

\section*{TreatmentType2 (treatmenttype2)}

File: GhanaRound5Single_la

\section*{Overview}

Format: character
Invalid: 0
Width: 16

\section*{TreatmentType3 (treatmenttype3)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0

Added some of own money to the gift ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (treatment a 1a)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 740
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_1a)

Amount added (treatment_a_1b)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 5
Format: numeric
Invalid: 813
Width: 3
Minimum: 50
Decimals: 0
Maximum: 350
Range: 50-350

\section*{Pre question}

Some respondents chose to add some of their own money to the gift in order to buy an item that costs more than 150 GHc . Did you do this? (treatment_a_1a)

\section*{Literal question}

How much your own money did you add? (treatment_a_1b)

\title{
Items bought with cash received (treatment_a_2) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 740
Format: character
Invalid: 0
Width: 48

\section*{Literal question}

What did you buy with the cash that you received? (treatment_a_2)

\title{
Amount of cash received spent on business materials and inventories (treatment_a_3) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Valid cases: 9
Invalid: 809
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150

\section*{Range: 0-150}

\section*{Literal question}

Of the cash that you received, how much did you spend on
Business materials and inventories?

\section*{Amount of cash received spent on business equipment (treatment_a 4)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

\section*{Literal question}

Of the cash that you received, how much did you spend on
Business equipment?

Valid cases: 9
Invalid: 809
Minimum: 0
Maximum: 150

Amount of cash received spent on repayment of business loans (treatment_a_5)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete

Valid cases: 9
Invalid: 809

Width: 1
Decimals: 0
Range: 0-0

\section*{Literal question}

Of the cash that you received, how much did you spend on
Repayment of business loans?

Amount of cash received spent on other business expenses (treatment_a_6)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0

\section*{Literal question}

Of the cash that you received, how much did you spend on
Other business expenses?

Amount of cash received spent on household food (treatment_a_7) File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Valid cases: 9
Width: 2
Decimals: 0
Range: 0-20
Literal question

\title{
Amount of cash received spent on household food (treatment_a_7) File: GhanaRound5Single_la \\ Of the cash that you received, how much did you spend on Household food?
}

Amount of cash received spent on household durable assets (treatment_a_8)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0
Literal question
Of the cash that you received, how much did you spend on
Household durable assets?

Amount of cash received spent on personal clothing (treatment_a_9)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0
Literal question
Of the cash that you received, how much did you spend on
Personal clothing?

Amount of cash received spent on gifts to others (treatment_a_10) File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0

\section*{Literal question}

Of the cash that you received, how much did you spend on
Gifts to others?

Amount of cash received spent on school supplies and school fees (treatment_a_11)
File: GhanaRound5Single_la

\section*{Amount of cash received spent on school supplies and school fees (treatment a 11)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 9
Format: numeric
Invalid: 809
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

\section*{Literal question}

Of the cash that you received, how much did you spend on
School supplies and school fees?

Amount of cash received spent on any other household business (treatment_a_12)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0

\section*{Literal question}

Of the cash that you received, how much did you spend on
Any other household business?

Amount of cash received that was saved (treatment_a_13) File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Valid cases: 9
Format: numeric
Invalid: 809
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

\section*{Literal question}

Of the cash that you received, how much did you save? (treatment_a_13)

\title{
Total treatment spending (treatmentsum1) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 150-150

Valid cases: 9
Invalid: 809

\section*{150 GHc - total treatment spending (treatmentdiff1)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0

Verification: total sum spent on other items is correct (treatment_a_14)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 778
Format: character
Invalid: 0
Width: 20

\section*{Literal question}

You have listed a total of [sum] GHc. This means that you spent [150-sum] on OTHER items. Is this correct? (treatment_a_14)

\section*{Interviewer instructions}
(Repeat questions if "no"; since the dataset records final answers, none will be "no".)

\title{
Jump to section end if spent nothing on business materials and inventories. (jumptosectionendifspentnothingon) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Format: numeric
Valid cases: 0
Width: 1
Decimals: 0
Invalid: 818

Amount of materials and inventories sold (treatment_a_15)
File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 7
Invalid: 811
Minimum: 0
Maximum: 150

\section*{Literal question}

You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15)

Jump over the error message if answer <= spending.
(jumpovertheerrormessageifanswers)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
```

Valid cases: 0

```

Format: numeric
Invalid: 818
Width: 1
Decimals: 0

\section*{Amount of materials and inventories lost to spoilage, waste or theft (treatment_a 16)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 7
Format: numeric
Invalid: 811
Width: 1
Decimals: 0
Range: 0-0

\section*{Pre question}

You said that you spent [Amount for business materials and inventories] GHc on materials and inventories for the business. How much of this have you now sold? (treatment_a_15)

\section*{Literal question}

How much of this have you lost to spoilage, waste or theft (GHc)? (treatment_a_16)

\section*{Interviewer instructions}
[Enumerator: If nothing has been lost, enter "0"]

Amount of the gift spent on things just for respondent (treatment_a_17a)
File: GhanaRound5Single_la

\section*{Overview}

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

\section*{Pre question}

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

\section*{Literal question}

Apart from money spent on the business, how much of the grant ended up being spent on things Things just for you?

Amount of the gift spent on things just for respondent's spouse (treatment_a_17b)
File: GhanaRound5Single_la

\section*{Overview}

Valid cases: 9
Invalid: 809

\title{
Amount of the gift spent on things just for respondent's spouse (treatment a 17b)
}

File: Ghana-_und5Single_la
Type: Discrete Valid cases: 9
Format: numeric Invalid: 809
Width: 2
Decimals: 0
Range: 0-20

\section*{Pre question}

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

\section*{Literal question}

Apart from money spent on the business, how much of the grant ended up being spent on things Things just for your spouse?

Amount of the gift spent on things just for respondent's children (treatment_a_17c)
File: GhanaRound5Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 9 \\
Format: numeric & Invalid: 809
\end{tabular}

Format: numeric
Invalid: 809
.
Decimals: 0
Range: 0-0

\section*{Pre question}

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

\section*{Literal question}

Apart from money spent on the business, how much of the grant ended up being spent on things
Things just for your children?

Amount of the gift spent on things just for resp. and his/her family jointly (treatment_a_17d)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 8
Format: numeric
Invalid: 810
Width: 1
Decimals: 0
Range: 0-0

\section*{Pre question}

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.

\section*{Literal question}

Apart from money spent on the business, how much of the grant ended up being spent on things Things for you and your family jointly?

Amount spent on things for people other than resp./his/her spouse/childr. (treatment_a_17e)
File: GhanaRound5Single_la

\title{
Amount spent on things for people other than resp./his/her spouse/childr. (treatment a 17e) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 9
Format: numeric
Invalid: 809
Width: 1
Decimals: 0
Range: 0-0

\section*{Pre question}

I will now ask about who the gift was spent on. These questions do NOT refer to the money spent on the business.
Literal question
Apart from money spent on the business, how much of the grant ended up being spent on things Things for people other than you, your spouse or children?

\title{
Received any equipment (treatment_b_1) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 758
Format: character
Width: 3

\section*{Literal question}

Did you receive any EQUIPMENT? (treatment_b_1)

\section*{Jump over equipment section if no equipment. \\ (jumpoverequipmentsectionifnoequi) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

\section*{Amount of equipment received that has been sold (treatment b_2) File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 9
Invalid: 809
Minimum: 0
Maximum: 150

\section*{Literal question}

How much of the EQUIPMENT that you received have you sold (GHc)? (treatment_b_2)

\section*{Interviewer instructions}

Enumerator: If nothing has been sold, enter " 0 ".

\title{
Received any inventories or materials (treatment b 3) \\ File: GhanaRound5Single_la
}

Overview
Type: Discrete Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

\section*{Literal question}

Did you receive any INVENTORIES OR MATERIALS? (treatment_b_3)

\title{
Amount of inventories or materials received that has been sold (treatment_b_4)
}

File: GhanaRound5Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Continuous & Valid cases: 9 \\
Format: numeric & Invalid: 809 \\
Width: 3 & Minimum: 0 \\
Decimals: 0 & Maximum: 150 \\
Range: \(0-150\) &
\end{tabular}

\section*{Literal question}

How much of the INVENTORIES AND MATERIALS that you have received have you sold (GHc)? (treatment_b_4)
Interviewer instructions
Enumerator: If nothing has been sold, enter " 0 ".

\title{
Purchased NEW INVENT./MATERIALS since receiving this gift vs. not receiving it (treatment_b_5) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 758
Format: character
Invalid: 0

\section*{Width: 41}

\section*{Literal question}

Have you purchased NEW INVENTORIES OR MATERIALS since receiving this gift? Please compare to the amount that you would HAVE PURCHASED if you had NOT received the gift. (treatment_b_5)

Repeat if blank. (v310)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 818
Width: 1
Decimals: 0

\section*{Amount of the 150 GHc in-kind treatment that remains in business} (treatment_c_1a)
File: Ghanāound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 165
Invalid: 653
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

\section*{Literal question}

How much of the 150 GHc remains in the business? (treatment_c_1a)

\section*{Amount of the 150 GHc in-kind treatment that has been taken out of the business (treatment_c_2a) File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 164
Invalid: 654
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

\section*{Literal question}

How much of the 150 GH c has been taken out of the business for other uses? (treatment_c_2a)

\section*{Sum of treatment_c_1a and treatment_c_2a (treatment_c_sum) File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

Valid cases: 165
Invalid: 653
Minimum: 0
Maximum: 300

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

\section*{Interviewer instructions}
[Calculate sum: ] (treatment_c_sum)

\title{
Confirmation: amount of the 150 GHc in-kind treatment that remains in business (treatment_c_1b) File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 11
Invalid: 807
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

\section*{Literal question}

These values did not add to 150 GHc . Please confirm the answers.
Please confirm: How much of the 150 GHc remains in the business? (treatment_c_1b)

\title{
Confirmation: Amount of the 150 GHc in-kind treatment that has been taken out (treatment_c 2b) File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Valid cases: 11
Format: numeric
nvalid: 807
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

\section*{Literal question}

These values did not add to 150 GHc . Please confirm the answers.
Please confirm: How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2b)

\section*{Amount of the 150 GHc cash treatment that remains in business (treatment_d_1a) \\ File: GhanaRound5Single_la}

\section*{Overview}

\section*{Type: Continuous}

Format: numeric
Width: 3
Decimals: 0
Range: 0-150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}

How much of the 150 GHc remains in the business? (treatment_d_1a)

\title{
Amount of the 150 GHc cash treatment that remains in the household (treatment d 2a)
}

File: GhanaRound5Single_la

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 169
Invalid: 649
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question \\ How much of the 150 GHc remains in the household? (treatment_d_2a)}

\title{
Amount of the 150 GHc cash treatment that has been spent on non-business things (treatment_d_3a) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 165
Invalid: 653
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}

How much of the 150 GHc has been spent on non-business things? (treatment_d_3a)

\title{
Amount of the 150 GHc cash treatment saved outside of business or household (treatment_d_4a) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 166
Invalid: 652
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}

How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4a)

Sum of spending (treatment_d_sum)
File: GhanaRound5Single_la

\title{
Sum of spending (treatment_d_sum) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

Valid cases: 169
Invalid: 649
Minimum: 0
Maximum: 300

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Confirmation:Amount of 150 GHc cash treatment that remains in business (treatment_d_1b)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 813
Format: character
Width: 3

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}
[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc remains in the business? (treatment_d_1b)

\section*{Confirmation:Amount of 150 GHc cash treatment that remains in the household (treatment_d_2b) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous

\section*{Valid cases: 15}

Format: numeric
Invalid: 803
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}
[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc remains in the household? (treatment_d_2b)

Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things (treatment_d_3b)
File: GhanaRound5Single_la

\section*{Overview}

\title{
Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things (treatment_d_3b)
}

\section*{File: GhanaRound5Single_la}

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 15
Invalid: 803
Minimum: 0
Maximum: 150

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}
[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc has been spent on non-business things? (treatment_d_3b)

\section*{Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household (treatment_d_4b) \\ File: GhanaRound5Single_la}

\section*{Overview}

Type: Continuous
Valid cases: 15
Format: numeric
Invalid: 803
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

\section*{Pre question}

Three months/six months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

\section*{Literal question}
[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4b)

\section*{Father's years of education (background_1)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 812
Format: character
Invalid: 0
Width: 50

\section*{Literal question}

How many years of education did your father complete?

Mother's years of education (background_2)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 810
Format: character
Invalid: 0
Width: 42

\section*{Literal question}

How many years of education did your mother complete? (background_2)

Country respondent lived in when 6 yrs old ( \(1=\) Ghana, \(2=\) Another country) (background_3)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 752
Format: character
Invalid: 0
Width: 16

\section*{Literal question}

When you were 6 years old, did you live in Ghana or in another country? (background_3)

Other country respondent lived in when 6 yrs old (background_4) File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 724
Format: character
Invalid: 0
Width: 27

\section*{Literal question}

When you were 6 years old, which country did you live in? (background_4)

\title{
Place respondent lived when 6 yrs old (background_5) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Format: character
Valid cases: 752
Width: 18
Invalid: 0

\section*{Literal question}

Where did you live when you were 6 years old? (background_5)

Repeat if blank. (v331)
File: GhanaRound5Single_la

\section*{Overview}
Type: Discrete Valid cases: 0

Format: numeric
Invalid: 818
Width: 1
Decimals: 0

Name of city/town that resp. lived in when 6 yrs old (background 6)
File: GhanaRound5Single_la

\section*{Overview}

Name of city/town that resp. lived in when 6 yrs old (background_6)
File: GhanaRound5Single_la
What was the name of the city/town that you lived in when you were 6 years old? (background_6)

Name of area that resp. lived in when 6 yrs old (background_7) File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete Valid cases: 568
Format: character Invalid: 0 Width: 30

\section*{Literal question}

What was the name of the area that you lived in when you were 6 years old? (background_7)
(introduction_stopwatch_3_11)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 8

Person(s) other than the enterprise owner present during the interview (impressions_1)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Width: 165

\section*{Literal question}

Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist)

\section*{Interviewer's impression of how well the respondent understood the questions (impressions_2)}

File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

What is your impression of how well the respondent understood the questions being asked? (impressions_2)

Interviewer's impression of seriousness with which the resp. answered questions (impressions_3)
File: GhanaRound5Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 750 \\
Format: character & Invalid: 0
\end{tabular}

Width: 11
Invalid: 0

\section*{Literal question}

What is your impression of the seriousness with which the respondent answered questions? (impressions_3)

Interviewer's impression of preciseness with which questions were answered (impressions_4)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 11

\section*{Literal question}

What is your overall impression of the preciseness with which questions were answered? (impressions_4)

\title{
Most difficult or troubling sections for the respondent (impressions_5) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Width: 69
Invalid: 0

\section*{Literal question}

Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark)

\title{
Most difficult or troubling sections for the interviewer (impressions_6) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character Width: 17

\footnotetext{
Invalid: 0
}

Literal question
Which sections were most difficult or troubling for you? (impressions_6) (ticklist)

Sections that interested the respondents the most (impressions_7) File: GhanaRound5Single_la

Sections that interested the respondents the most (impressions_7) File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Width: 170

\section*{Literal question}

Which sections interested the respondents the most? (impressions_7) (ticklist)

\title{
Most difficult or troubling questions for the respondent (impressions_8) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete Valid cases: 756
Format: character
Invalid: 0
Width: 33

\section*{Literal question}

Which questions were most difficult or troubling for the respondent? (impressions_8)

\title{
Most difficult or troubling questions for the interviewer (impressions_9) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 763
Format: character
Invalid: 0

\section*{Literal question}

Which questions were most difficult or troubling for you? (impressions_9)

\title{
Questions that interested the respondents the most (impressions_10) \\ File: GhanaRound5Single_la
}

\section*{Overview}

Valid cases: 747
Format: character Width: 50

Invalid: 0

\section*{Literal question}

Which questions interested the respondents the most? (impressions_10)
(SingleMultipleMerge)
File: GhanaRound5Single_la

\section*{Overview}
(SingleMultipleMerge)
File: GhanaRound5Single_la

Type: Discrete
Valid cases: 818
Format: numeric
Width: 1
Decimals: 0
Range: 2-2
(background_stopwatch)
File: GhanaRound5Single_la

\section*{Overview}

Type: Discrete
Format: character
Width: 8

Valid cases: 721
Invalid: 0

Invalid: 0

\section*{SHENO (SHENO) \\ File: GhanaRound6Multiple_la}

\section*{Overview}

Type: Discrete

Valid cases: 2200
Invalid: 0

Question Number (questionnumber)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete

Valid cases: 2014
Invalid: 0

Format: character
Width: 6

Instance (instance)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 2014
Format: character
Invalid: 0
Width: 22

Question heading (questionheading)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 2014
Format: character
Invalid: 0
Width: 18

Answer (answer)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 2014
Format: numeric
Invalid: 186
Width: 2
Decimals: 0
Range: 1-12

Gender ( 1 =female, \(2=\) male) (roster_1)
File: GhanaRound6Multiple_la

\section*{Overview}

Gender (1=female, \(2=\) male) (roster_1)
File: GhanaRound6Multiple_la
Literal question
Sex

Relationship to household head (roster_2)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 2014
Format: character Invalid: 0
Width: 35

\section*{Literal question}

Relationship to the household head (roster_2)

Age (roster_3)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 1999
Format: character
Invalid: 0
Width: 14
Literal question
Age (roster_3)

Years of education completed (roster_4)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Format: character
Invalid: 0
Width: 14

\section*{Literal question}

How many years of education has this person completed? (roster_4)

Marital status (roster 5)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete

Valid cases: 1979
Invalid: 0

\section*{Literal question}

Marital status: (roster_5)

Activities involved at present (roster_6)
File: GhanaRound6Multiple_la

\title{
Activities involved at present (roster 6) \\ File: GhanaRound6Multiple_la
}

Overview

Type: Discrete
Format: character
Width: 66

Valid cases: 2013
Invalid: 0

\section*{Literal question}

What activities is this person involved in at present? (ticklist) (roster_6)

Hours worked in a normal week (roster_7)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 1372
Format: character
Invalid: 0
Width: 12

\section*{Literal question}

If employed, how many hours does/did this person work in a normal week? (roster_7)

\title{
Earnings in a normal month if employed (roster_8) \\ File: GhanaRound6Multiple_la
}

\section*{Overview}

Type: Discrete
Format: character
Width: 13

Valid cases: 1258
Invalid: 0

\section*{Literal question}

If employed, how much does this person earn in a normal month (GHc)? (roster_8)

\title{
Assists in respondent's business ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (roster_9) File: GhanaRound6Multiple_la
}

\section*{Overview}

\section*{Literal question}

Does this person assist in the respondent's business? (roster_9)

\title{
Hours worked in respondent's business last week (roster_10) File: GhanaRound6Multiple_la
}

\section*{Overview}

Type: Discrete
Format: character Width: 4

\section*{Literal question}

Hours worked in the respondent's business last week: (roster_10)

Valid cases: 1489
Invalid: 0

\title{
Receiving pay by respondent's business (roster_11)
}

File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 158
Format: character
Invalid: 0
Width: 31

\section*{Literal question}

How is this person paid by the respondent's business? (roster_11)

\title{
Apprentice in respondent's business ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (roster_12) File: GhanaRound6Multiple_la
}

\section*{Overview}

Type: Discrete
Valid cases: 157
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Is this person an apprentice in the respondent's business? (roster_12)

\section*{(roster_selfemp) \\ File: GhanaRound6Multiple_la}

\section*{Overview}

Type: Discrete
Format: character
Valid cases: 751
Width: 3

\section*{(roster_7a)}

File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Format: character
Width: 3

Valid cases: 72
Invalid: 0
(roster_8a)
File: GhanaRound6Multiple_la

\section*{Overview}

Type: Discrete
Valid cases: 67
Format: character
Invalid: 0

Firm identification number (SHENO)
File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 823
Format: character
Invalid: 0
Width: 9

BaselineMonth (baselinemonth)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character
Invalid: 0
Width: 8

\title{
BaselineMonthLessOne (baselinemonthlessone) \\ File: GhanaRound6Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 819
Format: character Invalid: 0
Width: 7

\title{
Start time of interview (questionnaire_starttime) \\ File: GhanaRound6Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 820
Format: character
Invalid: 0

Date of interview (questionnaire_date)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Format: character Width: 10
(introduction_stopwatch)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete Format: character Width: 8

Valid cases: 820
Invalid: 0

Interviewer was able to find the owner ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (introduction_1)
File: GhanaRound6Single_la
Overview
Type: Discrete
```

Valid cases: 818

```

Format: character
Width: 40
Invalid: 0

\section*{Literal question}

Interviewer: Were you able to find the owner? (introduction_1)

Owner agreed to be interviewed again ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (introduction_2)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 763
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Interviewer: Did the owner agree to be interviewed again? (introduction_2)

\title{
Jump over attrition section. (jumpoverattritionsection) \\ File: GhanaRound6Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

AttritionMarker (attritionmarker)
File: GhanaRound6Single_la

\section*{Overview}

Owner still operates the business (attrition_2)
File: GhanaRound6Single_la

\section*{Overview}

\title{
Owner still operates the business (attrition_2)
}

File: GhanaRound6Single_la
Does the owner still operate the business? (attrition_2)

\title{
Jump: Repeat if blank. (jumprepeatifblank)
}

File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

Business still seems to be operating in the same location as before (attrition_3)
File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 54
Format: character
Invalid: 0
Width: 10

\section*{Literal question}

Does the business still seem to be operating in the same location as before? (attrition_3)

Jump to end section if same location.
(jumptoendsectionifsamelocation)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

AttritionMarker2 (attritionmarker2)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Invalid: 818
Width: 1
Decimals: 0
Range: 1-1
(old_attrition_1)
File: GhanaRound6Single_la
(old_attrition_1)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 269
Format: character
Invalid: 0
Width: 3
(old_attrition_2)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 1

Format: numeric Invalid: 822
Width: 3
Decimals: 0
Range: 300-300
(old_attrition_3)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete Valid cases: 1
Format: numeric
Invalid: 822
Width: 3
Decimals: 0
Range: 100-100
(old_attrition_4)
File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 544
Format: character
Invalid: 0
Width: 16
(old_attrition_5)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

\author{
(old_attrition_6) \\ File: GhanaRound6Single_la
}
(old_attrition_6)
File: GhanaRound6Single_la
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 0 \\
Format: numeric & Invalid: 823 \\
Width: 1 & \\
Decimals: 0 &
\end{tabular}

(old_attrition_7)

File: GhanaRound6Single_la

Overview
Type: Discrete Valid cases: 0

Format: numeric Invalid: 823
Width: 1
Decimals: 0

Place of interview (introduction_3)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
Width: 49

\section*{Literal question}

Where is the interview taking place? (introduction_3)

\section*{Jump: Repeat if blank (3). (jumprepeatifblank3)}

File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

Household is living at same address as in previous round (1=Yes, \(2=\mathrm{No}\) ) (introduction 4)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 753
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

In the previous round, the household was recorded as living at \{household address\}. Interviewer: Is the household living there now? (If the previous address was Blank, please answer "No".) (introduction_4)

Respondent still owns and operates a business ( \(1=\mathrm{Yes}, 2=\mathrm{No}\) ) (introduction_6)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 751
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Do you still own and operate a business? (introduction_6)

Jump: Repeat if blank (4). (jumprepeatifblank4)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

\title{
Respondent is still working in the same location as in Oct/Nov ( \(1=\) Yes, \(2=\) No) (introduction_7)
}

File: GhanaRound6Single_la

\section*{Overview}
\begin{tabular}{ll} 
Type: Discrete & Valid cases: 730 \\
Format: character & Invalid: 0 \\
Width: 3 & \\
Literal question & \\
Are you still working in the same location as you were working in when we interviewed you in Oct/Nov? (Interviewer: If the \\
respondent no longer operates the business, answer "no") (introduction_7)
\end{tabular}

Jump to line of business if same location.
(jumptolineofbusinessifsamelocati)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Format: numeric
Valid cases: 0
Invalid: 823

Working in the same line of business as last Oct/Nov ( \(1=\) Yes, \(2=\mathrm{No}\) ) (introduction_9)
File: GhanaRound6Single_la

\section*{Overview}

Working in the same line of business as last Oct/Nov (1=Yes, \(2=\mathrm{No}\) ) (introduction 9)
File: GhanaRound6Single_la
Type: Discrete Valid cases: 730
Format: character
Invalid: 0
Width: 3

\section*{Literal question}

Are you working in the same line of business as when we interviewed you last Oct/Nov? (Interviewer: If the respondent no longer operates the business, answer "no") (introduction_9)

Jump to end of section if same line of business.
(jumptoendofsectionifsamelineofbu)
File: GhanaRound6Single_la

\section*{Overview}

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

\title{
What happened to the business previously ran? (introduction_10) File: GhanaRound6Single_la
}

\section*{Overview}

Type: Discrete
Valid cases: 80
Format: character
Invalid: 0
Width: 54

\section*{Literal question}

What happened to the business you previously ran? (introduction_10)

Main activity now (introduction_11)
File: GhanaRound6Single_la

\section*{Overview}
```

Type: Discrete
Valid cases: 80
Format: character
Invalid: 0

## Literal question

What is your main activity now? (introduction_11) (specify) $\qquad$

## Interviewer instructions

(Interview: Survey will end if they no longer operate a business.)

Jump to new line of business if new business.
(jumptonewlineofbusinessifnewbusi)
File: GhanaRound6Single_la

## Overview

# Jump to new line of business if new business. <br> (jumptonewlineofbusinessifnewbusi) <br> File: GhanaRound6Single_la <br> Type: Discrete Valid cases: 0 <br> Format: numeric <br> Invalid: 823 <br> Width: 1 <br> Decimals: 0 

# New line of business activity (introduction_12) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 162
Format: character
Invalid: 0
Width: 26

## Literal question

You said you have changed your line of business. In the last survey you told us you worked in [X]. What is your new line of business activity? (introduction_12)

# Verification: Really a new line of business (introduction_13) File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 55
Format: character
Invalid: 0 Width: 25

## Literal question

Interviewer: Is this really a new line of business? Perhaps it is really the same as the previous line, with small modifications? (introduction_13)

Resp. owns land or market space used by the business (1=yes, $2=$ no) (balance_8a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 54
Invalid: 0

## Pre question

Now I am going to ask you about the characteristics of any utensils, tools, machinery equipment, etc. which are used in your NEW business activity.

## Literal question

Do you currently own the land or market space used by the business? (balance_8a)

Year when land or market space was purchased (balance_8b) File: GhanaRound6Single_la

Year when land or market space was purchased (balance_8b) File: GhanaRound6Single_la

```
Type: Discrete Valid cases: 1
```

Format: numeric
Width: 4
Decimals: 0
Range: 2005-2005

## Literal question

In what year did you purchase the land or market space? (balance_8b)

# Resale value (today) of land and market space (GHc) (balance_8c) File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 1
Format: numeric
Invalid: 822
Width: 1
Decimals: 0
Range: 0-0

## Literal question

How much would you pay to purchase the same land and market space today (GHc)? (balance_8c)

## Business has kiosk/shed/building ( $1=y e s, 2=n o$ ) (balance_9a) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: charac
Valid cases: 54
Format: character
Invalid: 0

Width: 3

## Literal question

Does your business currently have any kiosk/shed/building? (balance_9a)

Ownership of the kiosk/shed/building (1=Owned, $2=$ Rented, 3=Borrowed) (balance 9b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 400
Format: character
Invalid: 0
Width: 5

## Literal question

Ownership of the kiosk/shed/building: (balance_9b)

Replacement value of kiosk/shed/building (GHc) (balance_9c) File: GhanaRound6Single_la

## Overview

# Replacement value of kiosk/shed/building (GHc) (balance_9c) File: GhanaRound6Single_la 

```
Type: Continuous
Valid cases: }
Format: numeric
Width: }
Decimals: 0
```

Range: 120-200

## Literal question

If you had to replace your kiosk/shed/building, how much would a similar one cost (GHc)? (balance_9c)

# Business has furniture or display cases ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_10a) <br> File: GhanaRound6Single_la 

Overview
Type: Discrete
Valid cases: 54
Format: character
Invalid: 0
Width: 3
Literal question
Does your business currently have any FURNITURE or DISPLAY CASES? (balance_10a)

Number of different types of furniture or display cases (balance_10b)
File: GhanaRound6Single_la

## Overview

| Type: Discrete | Valid cases: 2 |
| :--- | :--- |
| Format: numeric | Invalid: 821 |

Format: numeric Invalid: 821

Width: 1
Decimals: 0
Range: 1-2

## Literal question

How many different types of FURNITURE and DISPLAY CASES does your business have? [Allow up to 4] (balance_10b)

Ownership of FIRST furniture or display cases (balance_10c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 400
Format: character
Invalid: 0
Width: 5

## Literal question

FIRST FURNITURE or DISPLAY CASES: Ownership (balance_10c)

Replacement value of FIRST furniture or display cases (GHc)
(balance_10d)
File: GhanaRound6Single_la

# Replacement value of FIRST furniture or display cases (GHc) (balance 10d) 

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 821
Width: 2
Minimum: 15
Decimals: 0
Maximum: 50
Range: 15-50

## Literal question

FIRST FURNITURE or DISPLAY CASES:
If you had to replace, what would the replacement be for all of the items owned $(\mathrm{GHC})$ ?

# Ownership of SECOND furniture or display cases (balance_10e) 

 File: GhanaRound6Single_la
## Overview

| Type: Discrete | Valid cases: 680 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 5 |  |
| Literal question |  |
| SECOND FURNITURE or DISPLAY CASES: Ownership (balance 10e) |  |

# Replacement value of SECOND furniture or display cases (GHc) (balance_10f) <br> File: GhanaRound6Single_la 

## Overview

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

## Literal question

SECOND FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?
Ownership of THIRD furniture or display cases (balance_10g) File: GhanaRound6Single_la
Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

Valid cases: 1
Invalid: 822

## Literal question

THIRD FURNITURE or DISPLAY CASES: Ownership (balance_10g)

# Replacement value of THIRD furniture or display cases (GHc) (balance 10h) <br> File: GhanaRound6Single_la 

Overview
Type: Discrete Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

## Literal question

THIRD FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

# Ownership of FOURTH furniture or display cases (balance_10i) File: GhanaRound6Single_la 

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH FURNITURE or DISPLAY CASES: Ownership (balance_10i)

Replacement value of FOURTH furniture or display cases (GHc)
(balance_10j)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

## Literal question

FOURTH FURNITURE or DISPLAY CASES: If you had to replace, what would the replacement be for all of the items owned (GHc)?

Business has machines or equipment ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (balance_11a) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 54
Format: character
Invalid: 0
Width: 3

## Literal question

Does your business currently have any MACHINES or EQUIPMENT? (balance_11a)

Number of different types of machine/equipment (balance_11b)
File: GhanaRound6Single_la

Number of different types of machine/equipment (balance_11b) File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 4

Format: numeric
Invalid: 819
Width: 1
Decimals: 0
Range: 1-1

## Literal question

How many different types of MACHINERY AND EQUIPMENT does your business have? [Allow up to 4] (balance_11b)

Ownership of FIRST machine/equipment (options: owned, rented, borrowed) (balance_11c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character Width: 5

## Literal question

FIRST MACHINE/EQUIPMENT: Ownership (balance_11c)

Replacement value of FIRST machine/equipment (GHc) (balance_11d)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 819
Width: 4
Minimum: 10
Decimals: 0
Maximum: 1500
Range: 10-1500

## Literal question

FIRST MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11d)

# Ownership of SECOND machine/equipment (options: owned, rented, borrowed) (balance_11e) <br> File: GhanaRound6Single_la 

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| SECOND MACHINE/EQUIPMENT: Ownership (balance_11e) |  |

## Interviewer instructions

Skip if only 1 machines and equipment

# Replacement value of SECOND machine/equipment (GHc) (balance_11f) <br> File: GhanaRound6Single_la 

Overview
Type: Discrete Valid cases: 0
Format: numeric Invalid: 823
Width: 1
Decimals: 0

## Literal question

SECOND MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11f)

Ownership of machine/equipment (options: owned, rented, borrowed) (balance_11g)
File: GhanaRound6Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| THIRD MACHINE/EQUIPMENT: Ownership (balance_11g) |  |
| Interviewer instructions |  |

Skip if 2 or less types of machinery and equipment

Replacement value of THIRD machine/equipment (GHc) (balance_11h)
File: GhanaRound6Single_la
Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |
| Literal question |  |
| THIRD MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHC)? (balance_11h) |  |

Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance_11i)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 0
Format: numeric Invalid: 823
Width: 1
Decimals: 0

## Literal question

FOURTH MACHINE/EQUIPMENT: Ownership (balance_11i)
Interviewer instructions

# Ownership of FOURTH machine/equipment (options: owned, rented, borrowed) (balance 11i) 

File: GhanaRound6Single_la
Skip if 3 or less types of machinery and equipment

# Replacement value of FOURTH machine/equipment (GHc) (balance_11j) <br> File: GhanaRound6Single_la <br> <br> Overview 

 <br> <br> Overview}

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH MACHINE/EQUIPMENT: If you had to replace it, how much would a similar one cost (GHc)? (balance_11j)

# Business has other equipment, tools, and utensils (1=Yes, $2=$ No) (balance_12a) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 54
Format: character
Invalid: 0

## Literal question

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

# Number of different types of other equipment, tools or utensils (balance_12b) <br> File: GhanaRound6Single_la 

## Overview

| Type: Discrete | Valid cases: 4 |
| :--- | :--- |
| Format: numeric | Invalid: 819 |
| Width: 1 |  |
| Decimals: 0 |  |
| Range: $1-2$ |  |

## Pre question

Does your business currently have any other tools and utensils (including vehicles)? (balance_12a)

## Literal question

If yes, how many different types of tools and utensils does your business have (up to 4)? (balance_12b)

Ownership of FIRST other equipment, tools or utensils (balance_12c)
File: GhanaRound6Single_la

Ownership of FIRST other equipment, tools or utensils
(balance_12c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 156
Format: character
Invalid: 0
Width: 5

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12c)

Replacement cost of FIRST other equipment, tools or utensils (GHc) (balance_12d)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 4
Format: numeric
Invalid: 819
Width: 2
Minimum: 3
Decimals: 0
Maximum: 30
Range: 3-30

## Literal question

FIRST OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12d)

Ownership of SECOND other equipment, tools or utensils
(balance_12e)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 680
Format: character
Invalid: 0
Width: 5

## Literal question

SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12e)
Interviewer instructions
Skip if only one type of types of other equipment, tools, or utensils

# Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: numeric
Invalid: 822

## Literal question

# Replacement cost of SECOND other equipment, tools or utensils (GHc) (balance_12f) 

File: GhanaRound6Single_la
SECOND OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12f)

## Ownership of THIRD other equipment, tools or utensils (balance_12g) <br> File: GhanaRound6Single_la

## Overview

## Type: Discrete

Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: (balance_12g)

## Interviewer instructions

Skip if two or less types of other equipment, tools, or utensils

# Replacement cost of THIRD other equipment, tools or utensils (GHc) (balance_12h) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

## Literal question

THIRD OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)? (balance_12h)

## Ownership of FOURTH other equipment, tools or utensils (balance_12i)

File: GhanaRound6Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: Ownership (balance_12i)

## Interviewer instructions

Skip if 3 or less types of other equipment, tools, or utensils

# Replacement cost of FOURTH other equipment, tools or utensils (GHc) (balance_12j) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

FOURTH OTHER EQUIPMENT, TOOLS OR UTENSILS: If you had to replace it, how much would a similar one cost (GHc)?
(balance_12j)

## Automatic sum of assets, excluding land, buildings and market space (balance_13a)

File: GhanaRound6Single_la

## Overview

| Type: Continuous | Valid cases: 10 |
| :--- | :--- |
| Format: numeric | Invalid: 813 |
| Width: 4 | Minimum: 0 |
| Decimals: 0 | Maximum: 1500 |

Decimals: 0
Range: 0-1500

## Literal question

PocketSurvey sums totals from Q3.9-Q3.15. This gives the total assets, excluding land, buildings and market space.

Verification accuracy of 'balance_13a' (balance_13b) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 54
Format: character
Invalid: 0

Valid cases: 0
Invalid: 823

# Estimate:total replacement cost of assets(excl. land, buildings or market space) (balance 13d) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

What do you estimate to be the total replacement cost of the assets of the business? (Please do not include land, buildings or market space.) (balance_13d)

Bus. holds products for sale,raw materials,products in production or spare parts (balance_14a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 54
Format: character Width: 3

## Literal question

When you opened your business today, did you hold products for sale, raw materials, products in production or spare parts? (balance_14a)

Total purchase cost of stocks and inventories (GHc) (balance_14b) File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 9
Format: numeric
Invalid: 814
Width: 3
Minimum: 10
Decimals: 0
Maximum: 700
Range: 10-700

## Pre question

Do you currently hold products for sale, raw materials, products in production or spare parts? (balance_14a)

## Literal question

What is the total purchase cost of these goods (GHC)? (balance_14b)

Jump to inventories clarification if zero inventories (1). (jumptoinventoriesclarificationif)

## File: GhanaRound6Single_la

## Overview

| Type: Discrete | Valid cases: 0 |
| :--- | :--- |
| Format: numeric | Invalid: 823 |
| Width: 1 |  |
| Decimals: 0 |  |

Valid cases: 0
Invalid: 823

# Value of items on hand to sell (GHc) (balance_14c) 

File: GhanaRound6Single_la
Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0

## Literal question

You said that you have zero stocks or inventories, but that you are in trade/retail. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (balance_14c)

Cash for business (Includes cash held at home, at the bank or with a susu) (balance_14d)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 10
Format: numeric
nvalid: 813
Width: 4
Minimum: 0
Decimals: 0
Range: 0-3000
Maximum: 3000

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(balance_14d)
(hours stopwatch)
File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 729
Format: character
Invalid: 0

Valid cases: 0
Invalid: 823

Hours spent working in the business per day - LAST week (business_6b)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 625
Format: numeric
Invalid: 198
Width: 3
Minimum: 0
Decimals: 0
Maximum: 114
Range: 0-114

## Literal question

How many hours a week do you personally spend working in the business?
Hours per day

Total hours spent working in the business - LAST week
(business_6c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 787
Format: character
Invalid: 0
Width: 3

## Literal question

How many hours a week do you personally spend working in the business?
Total hours (Number of days * Hours per day)

# Days spent working full effort in the business - FULL EFFORT LAST WEEK (business 8a) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: numeric
Invalid: 212
Width: 1
Decimals: 0
Range: 0-8

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Days worked

Hours of full effort per day - FULL EFFORT LAST WEEK
(business_8b)
File: GhanaRound6Single_la

## Overview

Hours of full effort per day - FULL EFFORT LAST WEEK (business_8b)
File: GhanaRound6Single_la
In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Hours of full effort per day

## Total hours of full effort - FULL EFFORT LAST WEEK (business_8c)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 548
Format: numeric
Invalid: 275
Width: 3
Minimum: 0
Decimals: 0
Maximum: 140

## Range: 0-140

## Literal question

In the last week, for how many hours were you working on full effort? Do not include time spent also chatting with friends, doing housework, etc.
FULL EFFORT LAST WEEK:
Total hours (Number of days * Hours per day)

Apart from respondent, any other unpaid or paid workers in the business (otherworkers_1)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 728
Format: character
Invalid: 0
Width: 3

## Literal question

Apart from you, does anyone work in the business? (Please include unpaid as well as paid workers.) (otherworkers_1)

Hours in total household members apart from resp. worked in business last week (otherworkers_2)
File: GhanaRound6Single_la

## Overview

Type: Continuous

```
Valid cases: 699
```

Format: numeric
Invalid: 124
Width: 3
Minimum: 0
Decimals: 0
Range: 0-144
Maximum: 144

## Literal question

How many hours in total last week did household members apart from yourself work in your business? [write zero if no household members worked in the business] (otherworkers_2)

Number of hours in total apprentices worked in the business (otherworkers_3)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-192

## Valid cases: 703

Invalid: 120
Minimum: 0
Maximum: 192

## Literal question

How many hours in total did apprentices work in your business? [write zero if no apprentices worked in the business] (otherworkers_3)

Number of hours in total non-household paid employees worked in the business (otherworkers_4)
File: GhanaRound6Single_la

## Overview

Type: Continuous

## Valid cases: 703

Format: numeric
Invalid: 120
Width: 3
Minimum: 0
Decimals: 0
Maximum: 480
Range: 0-480

## Literal question

How many hours in total did non-household paid employees work in the business?

## Number of days business was not operating in January 2010 (business_11)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-31

Valid cases: 708
Invalid: 115
Minimum: 0
Maximum: 31

## Literal question

For how many days was your business NOT operating in January 2010? (do not include days that your business is always closed; for example, on Fridays or Sundays.) (business_11)

## Interviewer instructions

If none, skip over questions about business closure.

Number of days business was closed because respondent was ill (business_12a)
File: GhanaRound6Single_la

## Overview

Number of days business was closed because respondent was ill (business_12a)
File: GhanaRound6Single_la
Literal question
For how many days was the business closed because you were ill? (business_12a)

Number of days business was closed because someone else was ill (business_12b)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 185
Format: numeric
Invalid: 638
Width: 2
Minimum: 0
Decimals: 0
Range: 0-50
Maximum: 50

## Literal question

For how many days was the business closed because someone else was ill (for example, family or friends)? (business_12b)

Number of days business was closed because of other family or community events (business_12c)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 186
Format: numeric
Invalid: 637
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50

## Literal question

For how many days was the business closed because of other family or community events (for example, a funeral or a festival)? (business_12c)
(expenses_stopwatch)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 726
Format: character
Invalid: 0
Width: 8

Purchase of raw materials and items for resale - Monthly expenses for Jan. 2010 (income_3a)
File: GhanaRound6Single_la

## Overview

# Purchase of raw materials and items for resale - Monthly expenses for Jan. 2010 (income_3a) 

File: GhanaRound6Single_la

| Type: Continuous | Valid cases: 722 |
| :--- | :--- |
| Format: numeric | Invalid: 101 |
| Width: 6 | Minimum: 0 |
| Decimals: 0 | Maximum: 160000 |

## Literal question

Purchase of raw materials and items for resale: (income_3a)

Purchase of electricity, water, gas and fuel - Monthly expenses for Jan. 2010 (income_3b)
File: GhanaRound6Single_la

## Overview

| Type: Continuous | Valid cases: 675 |
| :--- | :--- |
| Format: numeric | Invalid: 148 |
| Width: 4 | Minimum: 0 |
| Decimals: 0 | Maximum: 1520 |
| Range: $0-1520$ |  |
| Literal question |  |
| Purchase of electricity, water, gas and fuel: (income_3b) |  |

Payments to employees and apprentices - Monthly expenses for Jan. 2010 (income_3c)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-2700

## Valid cases: 588

Invalid: 235
Minimum: 0
Maximum: 2700

## Literal question

Payments to employees and apprentices: (income_3c)

Expenditure on telephone and cellphone airtime - Monthly expenses for Jan. 2010 (income_3d)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 754
Format: character
Width: 3
Invalid: 0

## Literal question

Expenditure on telephone and cellphone airtime: (income_3d)

Maintenance, repair, and transportation - Monthly expenses for Jan. 2010 (income_3e)
File: GhanaRound6Single_la
Overview
Type: Continuous
Valid cases: 683
Format: numeric
Invalid: 140
Width: 5
Minimum: 0
Decimals: 0
Maximum: 10000
Range: 0-10000
Literal question
Maintenance, repair, and transportation: (income_3e)

Rent of machinery and equipment - Monthly expenses for Jan. 2010 (income_3f)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

## Literal question

Rent of machinery and equipment: (income_3f)

Valid cases: 563
Invalid: 260
Minimum: 0
Maximum: 30

Interest paid on loans(in GHc,not percentage terms) - Monthly expenses,Jan. 2010 (income_3g)
File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 560

Format: numeric
Invalid: 263
Width: 3
Minimum: 0
Decimals: 0
Range: 0-250
Maximum: 250

## Literal question

Interest paid on loans: (Please answer in GHc, NOT in percentage terms.) (income_3g)

Gifts,tips and bribes given to government officials - Monthly expenses,Jan. 2010 (income_3h)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 568
Format: numeric
Invalid: 255
Width: 2
Minimum: 0
Decimals: 0
Maximum: 25

## Literal question

Gifts, tips and bribes given to government officials: (income_3h)

## Automatic sum of total monthly expenses (income_3i) File: GhanaRound6Single_la

Overview
Type: Discrete Valid cases: 782
Format: character
Invalid: 0
Width: 11

## Literal question

Automatically sum the total monthly expenses (income_3i)

# Verification: Sum of the expenses just listed for the last month was accurate (income_3j) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 726
Format: character
Invalid: 0

## Literal question

The sum of the expenses you just listed for the last month was \{Total Monthly Expenses\} GHc. Does this seem accurate? (income_3j)

# Estimate of total of expenses for the last month (income_3k) <br> File: GhanaRound6Single_la 

## Overview

```
Type: Continuous
Valid cases: }
Format: numeric
Invalid: }82
Width: }
Minimum: 500
Decimals: 0
Range: 500-1120
```


## Literal question

```
What do you estimate to be the total of these expenses for the last month? (income_3k)
```

(sales_stopwatch)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Valid cases: 726
Width: 8
Invalid: 0

Total monthly sales of the business (Incl. sales of services) GHcJan. 2010 (income_2a)
File: GhanaRound6Single_la

## Overview

# Total monthly sales of the business (Incl. sales of services) GHcJan. 2010 (income_2a) 

File: GhanaRound $\overline{6}$ Single_la

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-21500

Valid cases: 727
Invalid: 96
Minimum: 0
Maximum: 21500

## Literal question

What were the total monthly sales of your business? Include sales of services.
For January 2010 (GHc) (income_2a)

Total monthly sales of the business (Incl. sales of services) GHcDec. 2009 (income_2b)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-21000

## Literal question

What were the total monthly sales of your business? Include sales of services. For December 2009 (GHC) (income_2b)

Total monthly sales of the business (Incl. sales of services) GHcNov. 2009 (income_2c)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 727
Format: numeric
Invalid: 96
Width: 5
Minimum: 0
Decimals: 0
Maximum: 21000

## Literal question

What were the total monthly sales of your business? Include sales of services.
For November 2009 (income_2c)

Original 'large' number (sales_large_number)
File: GhanaRound6Single_la

## Overview

Type: Continuous

# Verification: sales are correct for sales >= 10000 (sales_large_1) File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 194
Format: character
Invalid: 0
Width: 20

## Literal question

Your reported sales for January is $X$. This is a large number. Is this correct? (sales_large_1)

# Round5Sales (round5sales) <br> File: GhanaRound6Single_la 

## Overview

Type: Continuous
Valid cases: 688
Format: numeric
Invalid: 135
Width: 5
Minimum: 0
Decimals: 0
Maximum: 43000
Range: 0-43000
(percentage_sales)
File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 688
Format: numeric Invalid: 135
Width: $5 \quad$ Minimum: -1
Decimals: 0
Maximum: 15000
Range: -1-15000
(neg_percentage_sales)
File: GhanaRound6Single_la

## Overview

| Type: Continuous | Valid cases: 688 |
| :--- | :--- |
| Format: numeric | Invalid: 135 |
| Width: 6 | Minimum: -45000 |
| Decimals: 0 | Maximum: 3 |

Range: -45000-3

## (change_sales_sq) <br> File: GhanaRound6Single_la

## Overview

| Type: Continuous | Valid cases: 688 |
| :--- | :--- |
| Format: numeric | Invalid: 135 |
| Width: 9 | Minimum: 0 |
| Decimals: 0 | Maximum: 529000000 |
| Range: $0-529000000$ |  |

## Verification: Substantial percentage change in sales is correct (sales 1)

## File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 261
Format: character
Width: 22
Invalid: 0

## Literal question

You said sales for January 2010 were X, and in the last survey you told us sales for January 2010 were Y . Is it correct that your sales have changed this much? (sales_1)

## October 2009 sales if sales_1==No (sales_2) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous

## Valid cases: 5

Format: numeric
Invalid: 818
Width: 3
Minimum: 100
Decimals: 0
Maximum: 700
Range: 100-700

## Pre question

You said sales for January 2010 were X , and in the last survey you told us sales for January 2010 were Y . Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think January 2010 and October 2009 sales actually were?
October 2009 sales: (sales_2)

January 2010 sales if sales_1==No (sales_3)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 140-900

## Valid cases: 5

Invalid: 818
Minimum: 140
Maximum: 900

## Pre question

You said sales for January 2010 were X, and in the last survey you told us sales for January 2010 were Y . Is it correct that your sales have changed this much? (sales_1)

## Literal question

If no, can I ask you again what you think January 2010 and October 2009 sales actually were? January 2010 sales: (sales_3)
(product_stopwatch)
File: GhanaRound6Single_la

## Overview

# Most important product or service sold still same as in Round 4 (product_1) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 726
Format: character
Invalid: 0
Width: 3

## Literal question

In the last survey, you told us that the most important product or service you sold was [ x ]. Is this still your most important product or service? (product_1)

## Repeat if blank. (repeatifblank)

File: GhanaRound6Single_la

## Overview

Name of most important product or service (income_7a) File: GhanaRound6Single_la

## Overview

```
Type: Discrete Valid cases: 39
Format: character
Width: }1
Invalid: 0
```


## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Name: (income_7a)

# Unit of most important product or service (income_7b_1) File: GhanaRound6Single_la 

## Overview

Valid cases: 720
Format: character
Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE Unit: (income_7b_1)

Sale price per unit (GHc) of most important product or service (income_7b_2)
File: GhanaRound6Single_la

## Overview

Sale price per unit (GHc) of most important product or service (income 7b 2)
File: GhanaRound6Single_la
Type: Continuous Valid cases: 726
Format: numeric
Invalid: 97
Width: 4
Minimum: 0
Decimals: 0
Maximum: 6850
Range: 0-6850

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE Sale price per unit (GHc): (income_7b_2)

# Cost of raw materials for one unit (GHc) of most important product or service (income_7c) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 773
Format: character
Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Cost of raw materials for one unit (GHc): (income_7c)

# Verification: Correct that product is sold for less than bought (income_7d) 

File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 80
Format: character Invalid: 0 Width: 20

## Literal question

You have told me that you sell this product for less than you buy it. Is this correct? (income_7d)

Verification: Correct that product is sold for the same price as bought (income_7e)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 194
Format: character
Invalid: 0
Width: 19

## Literal question

You have told me that you sell this product for the same price as you buy it. Is this correct? (income_7e)

# Verification: Correct that materials for this product cost nothing (income 7f) 

File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 64
Format: character
Invalid: 0
Width: 20

## Literal question

You have told me that the materials for this product cost nothing. Is this correct? (income_7f)

Units sold in the last month of most important product or service (income_7g)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 717
Format: character
Invalid: 0

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Units sold in the last month: (income_7g)

Share of most important product or service in total sales (\%) (income_7h)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 511
Invalid: 312
Minimum: 0
Maximum: 100

$$
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$$

Decimals: 0

Range: 0-100

## Literal question

MOST IMPORTANT PRODUCT OR SERVICE: Share of this product in total sales (\%): (income_7h)

Jump to end if previous is blank. (jumptoendifpreviousisblank)
File: GhanaRound6Single_la

## Overview

Format: numeric
Invalid: 823
Width: 1
Decimals: 0

Jump to error message if share negative.
(jumptoerrormessageifsharenegativ)
File: GhanaRound6Single_la
Jump to error message if share negative.
(jumptoerrormessageifsharenegativ)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Width: 1
Decimals: 0
(percentage_price)
File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 691
Format: numeric Invalid: 132
Width: 3
Decimals: 0
Minimum: -1
Range: -1-149

## (neg_percentage_price)

File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 691
Format: numeric Invalid: 132
Width: 4
Minimum: -447
Decimals: 0
Maximum: 3
Range: -447-3
(change_price_sq)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 691
Format: numeric
Invalid: 132
Width: 8
Minimum: 0
Decimals: 0
Maximum: 20250000
Range: 0-20250000

Verification: Sale price for main product changed substantially (prices_1)
File: GhanaRound6Single_la

## Overview

# Verification: Sale price for main product changed substantially (prices 1) 

File: GhanaRound6Single_la
You said that the sale price for your main product in January 2010 was X GHc. In the previous survey, you told us that the sale price for your main product for April was Y GHc. Is it correct that the sale price for your main product has changed this much? (prices_1)

Correct price for main product (GHc) - April 2009 (prices_2)
File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 51

Format: numeric
Valid cases. 5
Width: 4
Invalid: 772
Minimum: 0
Decimals: 0
Maximum: 4500
Range: 0-4500

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
April 2009 price for your main product (GHc): (prices_2)

Correct price for main product (GHc) - January 2010 (prices_3)
File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 51
Format: numeric
Invalid: 772
Width: 11
Minimum: 0.2
Decimals: 0
Maximum: 6850
Range: 0.200000003-6850

## Literal question

You have indicated that there was a mistake. Please enter the correct values.
January 2010 price for your main product: (prices_3)

Started manufacturing/selling new product/offering new service in last 3 months (product 2)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 724
Format: character
Invalid: 0
Width: 3

## Literal question

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

Jump: Repeat if blank (2) (jumprepeatifblank2)
File: GhanaRound6Single_la

## Overview

# Jump: Repeat if blank (2) (jumprepeatifblank2) <br> File: GhanaRound6Single_la <br> Type: Discrete Valid cases: 0 <br> Format: numeric <br> Invalid: 823 <br> Width: 1 <br> Decimals: 0 

# Type/Name of new product(s) or service(s) (product_3) <br> File: GhanaRound6Single_la 

## Overview

```
Type: Discrete
Valid cases: 53
Format: character
Invalid: 0 Width: 48
```


## Pre question

Have you started manufacturing or selling any new product or offering any new service in the last three months that you didn't previously make or sell? (product_2)

## Literal question

What is/are the new product(s) or service(s)? (product_3)

## Percentage of total sales made by the new product(s) or service(s) (product_4)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 32
Format: numeric
Invalid: 791
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

## Literal question

What percentage of total sales do the new product(s) or service(s) make? (product_4)
(income stopwatch)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 725
Format: character
Invalid: 0
Width: 8

Question on profits answered ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (income_4a)
File: GhanaRound6Single_la

## Overview

# Question on profits answered ( $1=$ Yes, $2=\mathrm{No}$ ) (income_4a) 

File: GhanaRound6Single_la
After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself. Does the respondent have an answer? (income_4a)

# Profit during January 2010 (income_4b) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete Valid cases: 781
Format: character
Invalid: 0
Width: 11

## Literal question

After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Profit: (income_4b)

# Profit range [Categories provided] (income_4c) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 161
Format: character
Invalid: 0
Width: 23

## Literal question

After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.
Was the amount: (income_4c)

## Proportion of profits that is typically invested into the business (income_4d)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 725
Format: numeric
Invalid: 98
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100

## Range: 0-100

## Pre question

After paying all expenses, what was the income of the business (the profits) during January 2010 (GHc)? Consider all expenses, INCLUDING wages of employees but NOT INCLUDING any income you paid yourself.

## Literal question

What proportion of this amount do you typically invest in your business (\%)? (income_4d)
'income_4d' included value of goods or serv. that resp. and household consumed (income_4e)
File: GhanaRound6Single_la
'income_4d' included value of goods or serv. that resp. and household consumed (income_4e)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 724
Format: character
Invalid: 0
Width: 3

## Pre question

What proportion of this amount do you typically invest in your business (\%)?

## Literal question

In your answer to the previous question, did you include the value of the goods or services that you and your household consumed from the business?

Value of the goods and services that resp. and household consumed - January 2010 (income_4f)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

## Literal question

What was the value of the goods and services that you and your household consumed from the business in January 2010? (income_4f)

Correct value for sales in January 2010 (income_5c)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 11
Format: numeric
Invalid: 812
Width: 5
Minimum: 0
Decimals: 0
Maximum: 20000

Valid cases: 131
Invalid: 692
Minimum: 0
Maximum: 300

Correct value for profits in January 2010 (income_5d)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Valid cases: 439
Width: 7

Correct value for sales in January 2010 (income_6c)
File: GhanaRound6Single_la

## Overview

Correct value for sales in January 2010 (income_6c) File: GhanaRound6Single_la
Type: Continuous Valid cases: 9
Format: numeric
Invalid: 814
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

Correct value for profits in January 2010 (income_6d)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 9
Format: numeric
Invalid: 814
Width: 3
Minimum: 0
Decimals: 0
Maximum: 230
Range: 0-230
(percentage_profit)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 768
Format: character
Invalid: 0
Width: 19
(neg_percentage_profit)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: -1800-250

Valid cases: 691
Invalid: 132
Minimum: -1800
Maximum: 250
(change_profit_sq)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 691
Format: numeric
Invalid: 132
Width: 7
Decimals: 0
Minimum: 0
Range: 0-6250000

Verification: percentage change in profits is correct if it is significant (profits_1)
File: GhanaRound6Single_la

Verification: percentage change in profits is correct if it is significant (profits_1)
File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 275
Format: character
Invalid: 0
Width: 22

October profits if profits_1==No (profits_2)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 20-700

Valid cases: 17
Invalid: 806
Minimum: 20
Maximum: 700

January 2010 profits if profits_1==No (profits_3)
File: GhanaRound6Single_la
Overview
Type: Continuous
Valid cases: 18
Format: numeric
Invalid: 805
Width: 3
Minimum: 35
Decimals: 0
Range: 35-600

LookupRound5Profit (lookupround5profit)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 691
Format: numeric
Invalid: 132
Width: 4
Minimum: 0
Decimals: 0
Maximum: 2000
Range: 0-2000
(profits_4)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Width: 26

Valid cases: 792
Invalid: 0
(profits_5)
File: GhanaRound6Single_la

## (profits 5)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 416
Format: character
Width: 18
Invalid: 0

## LookupRound5Sales (lookupround5sales)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-43000
(profits_6)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 792
Format: character
Width: 26

Valid cases: 690
Invalid: 133
Minimum: 0
Maximum: 43000

## (profits 7)

File: GhanaRound6Single_la

## Overview

Number of businesses owned (income_12a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 725
Format: numeric
Width: 1
Decimals: 0
Range: 1-4

## Literal question

How many businesses do you own? (income_12a)
[skip if only one]

Money taken home from other businesses in January (income_12b) File: GhanaRound6Single_la

# Money taken home from other businesses in January (income_12b) File: GhanaRound6Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-3800

## Valid cases: 62

Invalid: 761
Minimum: 0
Maximum: 3800

## Literal question

How much money did you take home from these other businesses in January? Include the money you saved or gave to family and friends. (income_12b)

Any free goods or serv. given to non-members of resp.'s household - January 2010 (income_10a)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 725
Format: character
Invalid: 0

## Literal question

In January 2010, did you give any free goods or services to non-members of your household? (income_10a)

Approximate sale value of the goods and services given for free (GHc) (income_10b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 716
Format: character
Width: 17
Invalid: 0

## Literal question

What is the approximate sale value of the goods and services given for free (GHc)? (income_10b)

Respondent rents land or rooms ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (income_13a) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 726
Format: character Width: 3

Invalid: 0

## Literal question

Do you rent land or rooms to anyone? (That is, so that someone else pays YOU for the rental.) (income_13a)

Total income made from renting land or rooms in January 2010 (income_13b)
File: GhanaRound6Single_la

# Total income made from renting land or rooms in January 2010 (income_13b) 

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-450

Valid cases: 11
Invalid: 812
Minimum: 0
Maximum: 450

## Literal question

In January 2010, what was your total income you made from renting land or rooms? (income_13b)
(inventories_stopwatch)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 725
Format: character
Invalid: 0

Bus. holds products for sale,raw materials, products in production or spare parts (inventories_1)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 726
Format: character
Invalid: 0 Width: 3

## Literal question

When you opened your business today did you hold products for sale, raw materials, products in production or spare parts? (inventories_1)

Total purchase cost of inventories (GHc) (inventories_2)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-15000

Valid cases: 658
Invalid: 165
Minimum: 0
Maximum: 15000

## Literal question

What is the total purchase cost of these goods (GHc)? (inventories_2)

Value of items on hand to sell (GHc) (inventories_3)
File: GhanaRound6Single_la

## Overview

# Value of items on hand to sell (GHc) (inventories_3) 

File: GhanaRound6Single_la

Type: Discrete
Format: character
Width: 23

Valid cases: 426
Invalid: 0

## Literal question

You said that you have zero stocks or inventories. I am asking about the value of items you have on hand to sell. What is this value (GHc)? (inventories_3)
(percentage_inventories)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 597
Format: numeric
Invalid: 226
Width: 13
Minimum: -1
Decimals: 0
Maximum: 39
Range: -0.9809523821-39
(neg_percentage_inventories)
File: GhanaRound6Single_la
Overview
Type: Continuous Valid cases: 597
Format: numeric
Invalid: 226
Width: 11
Minimum: -117
Decimals: 0
Maximum: 2.9
Range: -117-2.942857027
(change_inventories_sq)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 8
Decimals: 0
Range: 0-40960000

Valid cases: 597
Invalid: 226
Minimum: 0
Maximum: 40960000

Verification: Change in inventories holding is correct (inventories_5)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 269
Format: character
Width: 22
Invalid: 0
Literal question

## Verification: Change in inventories holding is correct (inventories 5)

## File: GhanaRound6Single_la

You said that your inventories holding today was [X]. In the previous survey, you told us that your inventories holding was [Y]. [SQ: Note that the number ' $Y$ ' was looked up correctly to trigger the check, but then referenced wrongly in this question.]
Is is correct that your inventories holding has changed that much? (inventories_5)

## Correct total purchase cost of inventories held at the start of business today (inventories_6) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 8-900

Valid cases: 14
Invalid: 809
Minimum: 8
Maximum: 900

## Literal question

You have indicated that there was a mistake. Please enter the correct values. What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

## Correct value for previous survey (inventories_7) File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 5-1000

## Pre question

What is the total purchase cost of the products for sale, raw materials, products in production or spare parts that you held at the start of business today? (inventories_6)

## Literal question

What was the correct value for the previous survey? (inventories_7)

## Cash currently hold for the business (inventories_4) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 814
Format: character
Width: 10

## Literal question

How much cash do you currently have for your business? (Include cash held at home, at the bank or with a susu.)
(inventories_4)

## (percentage cash) <br> File: GhanaRound6Single_la

Overview

Type: Continuous
Valid cases: 686
Format: numeric
Width: 3
Decimals: 0
Range: -1-350
(neg_percentage_cash)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 689
Format: numeric
Invalid: 134
Width: 5
Minimum: -1050
Decimals: 0
Maximum: 3
(change_cash_sq)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 689
Format: numeric
Invalid: 134
Width: 8
Minimum: 0
Decimals: 0
Maximum: 90250000
Range: 0-90250000

# Verification: change in cash holding is correct (cash_1) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 339
Format: character
Invalid: 0
Width: 22

## Correct value of cash currently available (cash_2)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 17
Format: numeric
Invalid: 806
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1300
Range: 0-1300

## Literal question

You have indicated that there was a mistake. Please enter the correct value. Cash currently available: (cash_2)
(cash 3)
File: GhanaRound6Single_la
Overview
Type: Continuous
Valid cases: 17
Format: numeric
Invalid: 806
Width: 4
Minimum: 40
Decimals: 0
Maximum: 1500
(assets_stopwatch)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 725
Format: character
Invalid: 0
Width: 8

## Add. land/buildings/furniture/machines/equip./tools/other assets since April (assets_1)

File: GhanaRound 6 Single_la

## Overview

Type: Discrete
Valid cases: 727
Format: character
Invalid: 0

## Width: 3

## Literal question

Have you purchased, been given, borrowed, or rented for your business any land, buildings, furniture, machines, equipment, tools or other business assets since our May interview? (assets_1)

## Interviewer instructions

[Enumerator: note, this should not include raw materials and inventories]

Business acquired any land or market space used by the business since April (assets_2a)
File: GhanaRound $\overline{6}$ Single_la

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 117
Invalid: 0

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]?
Land or market space

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_2b)
File: GhanaRound6Single_la

## Overview

# Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_2b) 

## File: GhanaRound6Single_la

Type: Discrete

```
Valid cases: 411
```

Format: character
Width: 9
Invalid: 0

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Land or market space

## Purchase cost of land or market space (GHc) (assets_2c) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 3
Format: numeric
Invalid: 820
Width: 3
Minimum: 0
Decimals: 0
Range: 0-300

## Literal question

What is the purchase cost of [x]? (GHc)
Land or market space

Business acquired any kiosk,shed or building used by the business since April (assets_3a)
File: GhanaRound $\overline{6}$ Single_la

## Overview

Type: Discrete
Valid cases: 117
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]?
Kiosk, shed or building

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_3b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 401
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Kiosk, shed or building

# Purchase cost of kiosk,shed or building (GHc) (assets_3c) File: GhanaRound6Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 200-3000

## Literal question

What is the purchase cost of [x]? (GHc)
Kiosk, shed or building

Valid cases: 3
Invalid: 820
Minimum: 200
Maximum: 3000

Business acquired any furniture and display cases since April (assets_4a)
File: Gh̄anaRound6Single_la

## Overview

Type: Discrete
Valid cases: 117
Format: character
Invalid: 0

## Width: 3

## Literal question

Did your business acquire any [ X ] used by the business since [earlier interview]?
Furniture and display cases

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_4b)

## File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Furniture and display cases

## Purchase cost of furniture and display cases (GHc) (assets_4c) File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 5-1100

## Literal question

What is the purchase cost of [x]? (GHc)
Furniture and display cases

Valid cases: 10
Invalid: 813
Minimum: 5
Maximum: 1100

# Business acquired any machines and equipment used by the business since April (assets 5a) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 117
Invalid: 0

## Literal question

Did your business acquire any [ X ] used by the business since [earlier interview]?
Machines and equipment

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_5b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 52
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Machines and equipment

## Purchase cost of machines and equipment (GHc) (assets_5c)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 8
Format: numeric
Invalid: 815
Width: 3
Minimum: 9
Decimals: 0
Maximum: 250
Range: 9-250

## Literal question

What is the purchase cost of [x]? (GHc)
Machines and equipment

# Business acquired any other equipment, tools and utensils since April (assets 6a) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 117
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business acquire any [X] used by the business since [earlier interview]?
Other equipment, tools and utensils

Way of acquisition (Options: purchased, rented, gift, borrowed, other) (assets_6b)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 184
Format: character
Invalid: 0
Width: 9

## Literal question

How was this acquired? (Options: purchased, rented, gift, borrowed, other.)
Other equipment, tools and utensils

## Purchase cost of other equipment, tools and utensils (GHc) (assets 6c) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous Valid cases: 6

Format: numeric
Invalid: 817
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

What is the purchase cost of [x]? (GHc)
Other equipment, tools and utensils

# Disp. of land/build./furniture/machines/equip./tools/other assets since April (assets 7) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 727
Format: character
Invalid: 0

## Width: 3

## Literal question

Have you sold, returned, lost through damage or theft, or otherwise disposed of any business land, buildings, furniture, machines, equipment, tools or other business assets since we last interviewed you in April? (assets_7)

## Interviewer instructions

[Enumerator: note, this should not include raw materials and inventories]

Sold/returned/lost/otherwise disposed of any land or market space since April (assets_8a)
File: GhanaRound $\overline{6}$ Single_la

## Overview

Type: Discrete

```
Valid cases: 65
```

Format: character
Invalid: 0
Width: 3

## Literal question

# Sold/returned/lost/otherwise disposed of any land or market space since April (assets_8a) 

File: GhanaRound $\overline{6}$ Single_la
Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Land or market space

## Way of sale, loss or damage (assets_8b)

File: GhanaRound6Single_la

## Overview

Type: Discrete

```
Valid cases: 713
```

Format: character
Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Land or market space

Sale price or value of land or market space (GHc) (assets_8c) File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 2
Format: numeric
Invalid: 821
Width: 3
Minimum: 0
Decimals: 0
Maximum: 125

## Range: 0-125

## Literal question

What is the sale price or value of $[\mathrm{x}]$ ? ( GHc )
Land or market space

Sold/returned/lost/otherwise disposed of kiosk,shed or building since April (assets 9a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 65
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [X] used by the business since [the earlier interview?]
Kiosk, shed or building

Way of sale, loss or damage (assets_9b)
File: GhanaRound6Single_la

## Overview

## Way of sale, loss or damage (assets_9b) File: GhanaRound6Single_la <br> Type: Discrete Valid cases: 712 <br> Format: character Invalid: 0 <br> Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Kiosk, shed or building

## Sale price or value of kiosk,shed or building (GHc) (assets_9c) File: GhanaRound6Single_la

## Overview

Type: Discrete

## Valid cases: 1

Format: numeric
Invalid: 822
Width: 3
Decimals: 0
Range: 300-300

## Literal question

What is the sale price or value of $[x]$ ? ( GHc )
Kiosk, shed or building

Sold/returned/lost/otherwise disposed of furnit. and display cases since April (assets 10a)
File: GhanaRound $\overline{6}$ Single_la

## Overview

Type: Discrete
Valid cases: 64
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Furniture and display cases

# Way of sale, loss or damage (assets_10b) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 712
Format: character
Invalid: 0
Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Furniture and display cases

Sale price or value of furniture and display cases (GHc)
(assets 10c)
File: GhanaRound6Single_la

# Sale price or value of furniture and display cases (GHc) (assets 10c) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete

Valid cases: 1
Invalid: 822

Width: 3
Decimals: 0
Range: 150-150

## Literal question

What is the sale price or value of [x]? (GHc)
Furniture and display cases

# Sold/returned/lost/otherwise disposed of any machines and equip. since April (assets_11a) 

File: GhanaRound $\overline{6}$ Single_la

## Overview

Type: Discrete
Valid cases: 65
Format: character
Invalid: 0
Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Machines and equipment

Way of sale, loss or damage (assets_11b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 268
Format: character
Invalid: 0
Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Machines and equipment
Sale price or value of machines and equipment (GHc) (assets_11c)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 28-1600

## Literal question

What is the sale price or value of [x]? (GHc)
Machines and equipment

Valid cases: 6
Invalid: 817
Minimum: 28
Maximum: 1600

# Sold/returned/lost/otherwise disp. of other equip.,tools,utensils since April (assets_12a) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 65
Format: character
Invalid: 0

## Width: 3

## Literal question

Did your business sell, return, lose through damage or theft, or otherwise dispose of any [ X ] used by the business since [the earlier interview?]
Other equipment, tools and utensils

# Way of sale, loss or damage (assets_12b) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 582
Format: character
Invalid: 0

## Width: 28

## Literal question

How was this sold, lost or damaged? (Options: sold, returned, gift to someone else, lost through damage or theft, other) Other equipment, tools and utensils

# Sale price or value of other equipment, tools and utensils (GHc) (assets_12c) 

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 5
Format: numeric
Invalid: 818
Width: 3
Minimum: 35
Decimals: 0
Maximum: 400
Range: 35-400

## Literal question

What is the sale price or value of [x]? (GHc)
Other equipment, tools and utensils

## Overview

Type: Discrete
Format: character
Valid cases: 726
Width: 3
Invalid: 0
(assets_13b)
File: GhanaRound6Single_la
(assets_13b)
File: GhanaRound6Single_la
Type: Continuous Valid cases: 24
Format: numeric
Invalid: 799
Width: 4
Minimum: 30
Decimals: 0
Maximum: 1200
(assets_13c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 726
Format: character
Invalid: 0
Width: 3
(assets_13d)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 684
Format: character
Invalid: 0
Width: 3

## (assets 13e) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 724
Format: character
Invalid: 0
Width: 3
(assets_13f)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 684
Format: character
Invalid: 0
Width: 3

## (credit_stopwatch) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 727
Format: character
Invalid: 0

Respondent uses susu collector to deposit money (1=Yes, $2=\mathrm{No}$ ) (credit 1)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 727
Format: character
Width: 3

## Literal question

Do you use a susu collector to deposit money? (credit_1)

Jump if no susu collector. (jumpifnosusucollector)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

Average deposit made with the susu collector each day during January 2010 (GHc) (credit_2)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 331
Format: numeric
Invalid: 492
Width: 2
Minimum: 0
Decimals: 0
Maximum: 60
Range: 0-60

## Literal question

On average, how much did you deposit with the susu collector each day during January 2010 (GHc)? (credit_2)
(credit 9)
File: Gh̄anaRound6Single_la
Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 330
Invalid: 0
(credit_10)
File: Gh̄anaRound6Single_la

## Overview

(credit_11)
File: Gh̄anaRound6Single_la
Overview
Type: Discrete Valid cases: 597
Format: character
Invalid: 0
Width: 8
(credit_12)
File: GhanaRound6Single_la
Overview
Type: Continuous Valid cases: 149
Format: numeric
Invalid: 674
Width: 4
Minimum: 0
Decimals: 0
Range: 0-8000
Maximum: 8000

Received a new loan from a bank since May ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (credit 3)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 727
Format: character
Invalid: 0

## Width: 3

## Literal question

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

## Amount of the loan from bank (credit 4)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-2000

## Pre question

Have you received a new loan from a bank since [reference baseline survey month]? (credit_3)

## Literal question

If yes, what was the amount of the loan? (credit_4)

Received a new loan from a microfinance organization since May (1=Yes, 2=No) (credit_5)
File: GhanaRound6Single_la

## Overview

Received a new loan from a microfinance organization since May (1=Yes, 2=No) (credit_5)
File: GhanaRound6Single_la
Type: Discrete
Valid cases: 727
Format: character
Invalid: 0
Width: 3

## Literal question

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5)

## Amount of the loan from microfinance organization (credit_6) File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 7
Format: numeric
Invalid: 816
Width: 4
Minimum: 200
Decimals: 0
Maximum: 2000
Range: 200-2000

## Pre question

Have you received a new loan from a microfinance organization (e.g. Sinapiaba, Pro-Credit) since May? (credit_5)

## Literal question

If yes, what was the amount of the loan? (credit_6)

# Received a new loan from family or friends for the business since May (credit_7) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 727
Format: character
Invalid: 0

## Width: 3

## Literal question

Have you received a new loan from family or friends for the business since May? (credit_7)

# Amount of the loan from family or friends (credit_8) 

## File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 10-400

## Pre question

Have you received a new loan from family or friends for the business since May? (credit_7)

## Literal question

If yes, what was the amount of the loan? (credit_8)

## Valid cases: 6

Invalid: 817
Minimum: 10
Maximum: 400

# Anyone other than employees used any business assets, during past 3 months (reciprocity 1) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Format: character Width: 3

Valid cases: 726
Invalid: 0

## Literal question

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

Types of assets used (reciprocity_2)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 170
Format: character
Invalid: 0
Width: 46

## Pre question

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

## Literal question

(If yes) which of the following types of assets did they use? (Please tick all that apply.) (reciprocity_2)

## Frequency of usage (reciprocity_3)

File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 170
Format: character
Invalid: 0
Width: 74

## Pre question

During the past three months, did anyone other than employees of the business use any of your business assets, including equipment, buildings or land? (reciprocity_1)

## Literal question

(If yes) Which of the following apply? (reciprocity_3)

# Resp. received rental income as compensation for the use of any of the assets (reciprocity 4) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 3

## Literal question

Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4)

# Revenue from rental of business assets in January (GHc) (reciprocity 5) 

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 10-250

## Valid cases: 6

Invalid: 817
Minimum: 10
Maximum: 250

## Pre question

Did you receive rental income as compensation for the use of any of the assets? (reciprocity_4)
Literal question
(If yes) During January, what was your revenue from rental of business assets? (GhC) (reciprocity_5)

# Included revenue from rental in the business income reported earlier (reciprocity_6) <br> File: GhanaRound6Single_la 

## Overview

Format: character
Invalid: 0
Width: 3

## Literal question

Have you included the revenue from rental in the business income you reported earlier? (reciprocity_6)

# Received other compensation (reciprocity_7) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 2

## Literal question

Did you receive some other compensation, such as gifts, household services, or the use of assets of another business? (reciprocity_7)

# Spouse would know if business had a very profitable month (reciprocity_8) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 14

## Literal question

Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your SPOUSE know? (reciprocity_8)

# Parents would know if business had a very profitable month (reciprocity 9) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 14

## Literal question

Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your PARENTS know? (reciprocity_9)

# Children would know if business had a very profitable month (reciprocity_10) 

## File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 14

## Literal question

Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your CHILDREN know? (reciprocity_10)

# Other household members would know if business had a very profitable month (reciprocity_11) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 14

## Literal question

Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would OTHER HOUSEHOLD MEMBERS know? (reciprocity_11)

# Extended family members would know if business had a very profitable month (reciprocity_12) File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 14

[^5]Neighbors would know if business had a very profitable month (reciprocity_13)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Width: 14
Invalid: 0

## Literal question

Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your NEIGHBOURS know? (reciprocity_13)

# Neighbouring business owners would know if business had a very profitable month (reciprocity_14) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Width: 14

## Literal question

Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would your NEIGHBOURING BUSINESS OWNERS know? (reciprocity_14)
Pressure felt to share extra income with OTHER HOUSEH.MEMB. rather than invest (reciprocity_15)

File: GhanaRound6Single_la

## Overview

Type: Discrete

Valid cases: 721

Format: character

Invalid: 0

Width: 26

## Literal question

How much pressure do you feel to share extra business income with OTHER HOUSEHOLD MEMBERS rather than to invest it back into the business? (reciprocity_15)

# Pressure felt to share extra income with NON-HOUSEH. MEMBERS rather than invest (reciprocity_16) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete

$$
\begin{aligned}
& \text { Valid cases: } 722 \\
& \text { Invalid: } 0
\end{aligned}
$$

Format: character
Width: 26

## Literal question

How much pressure do you feel to share extra business income with NON-HOUSEHOLD MEMBERS rather than to invest it back into the business? (reciprocity_16)

# When earned more than usual in bus. - withdraw more money for him-/herself (reciprocity_17) 

File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 722
Format: character
Width: 14
Invalid: 0

## Literal question

When you earn more than usual in your business, what do you do with the additional money? Would you.. Withdraw more money from the business for yourself?

When earned more than usual in bus. - withdraw more money for househ. needs (reciprocity_18)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 720
Format: character
Invalid: 0
Width: 14

## Literal question

When you earn more than usual in your business, what do you do with the additional money? Would you.. Withdraw more money from the business for your household needs

When earned more than usual in bus. - increase savings in bank or with susu (reciprocity_19)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 14

## Literal question

When you earn more than usual in your business, what do you do with the additional money? Would you.. Increase savings in a bank account or through a susu collector?

When earned more than usual in bus. - increase savings in cash (reciprocity_20)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Invalid: 0

[^6]
# When earned more than usual in bus. - invest in new bus.equip./higher inventory (reciprocity_21) <br> File: GhanaRound6Single_la 

Overview

Type: Discrete
Format: character
Width: 14

Valid cases: 720
Invalid: 0

## Literal question

When you earn more than usual in your business, what do you do with the additional money? Would you.. Invest in new business equipment or higher inventory levels?

# When earned more than usual in bus. - give more money to family outside househ. (reciprocity 22) 

File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 721
Format: character
Invalid: 0
Width: 14

## Literal question

When you earn more than usual in your business, what do you do with the additional money? Would you..
Give more money to family living outside of your household?

When earned more than usual - give more money to non-family outside househ. (reciprocity_23)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Invalid: 0
Width: 14

## Literal question

When you earn more than usual in your business, what do you do with the additional money? Would you. Give more money to non-family living outside of your household?

Value of lottery winning of 100 GHc should be given to other family memb./friends (reciprocity_24)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

## Literal question

Suppose that someone were to receive 100 GHc from a lottery payment. How much of that 100 GHc should the person give to other family members and friends? (reciprocity 24)

## Jump to section end if zero gift. (jumptosectionendifzerogift) <br> File: GhanaRound6Single_la

Overview
Type: Discrete
Valid cases: 0
Format: numeric
Invalid: 823
Width: 1
Decimals: 0

# Reason for sharing: assure that others would share (reciprocity_25) File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 561
Format: character
Invalid: 0
Width: 26

## Literal question

I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement?
"It would be important to share the winnings so that the person could assure that others would share."

# Reason for sharing: improve position/standing in community (reciprocity 26) 

File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 561

Format: character
Width: 26
Invalid: 0

## Literal question

I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement?
"It would be important to share to improve the person's position/standing in the community."

# Reason for sharing: more people attenting funeral when person dies (reciprocity_27) 

File: GhanaRound6Single_la

## Overview

Type: Discrete

$$
\text { Valid cases: } 561
$$

Format: character
Invalid: 0

## Literal question

I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement?
"It would be important to share so that more people will attend the person's funeral when he or she dies."

Reason for sharing: person may need to borrow money during bad times (reciprocity_28)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 561
Format: character
Invalid: 0
Width: 26

## Literal question

I will now ask some questions about WHY it would be important for the person to share the lottery winnings. How much do you agree with the following statement?
"It would be important to share because the person may need to borrow money from his or her family or friends during bad times."

Member of funeral society (1=Yes, 2=No) (reciprocity_29)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 560
Format: character
Invalid: 0
Width: 3

## Literal question

Are you a member of a funeral society? (reciprocity_29)

Average amount contributed to the society (GHc) (reciprocity_30) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 702
Format: character
Invalid: 0
Width: 9
Invalid: 0

## Literal question

On average, how much do you contribute to the society (GHc)? (reciprocity_30)

# Periodicity of contributions (1=weekly, 2=monthly, $3=$ yearly $)$ (reciprocity_31) <br> File: GhanaRound6Single_la 

## Overview

| Type: Discrete | Valid cases: 68 |
| :--- | :--- |
| Format: character | Invalid: 0 |
| Width: 23 |  |

## Literal question

What time period does this refer to? (reciprocity_31)

Approx. number of members in funeral society (reciprocity_32) File: GhanaRound6Single_la

## Overview

# Approx. number of members in funeral society (reciprocity_32) File: GhanaRound6Single_la 

| Type: Continuous | Valid cases: 61 |
| :--- | :--- |
| Format: numeric | Invalid: 762 |
| Width: 4 | Minimum: 3 |
| Decimals: 0 | Maximum: 1300 |

Decimals: 0
Maximum: 1300

## Literal question

Approximately how many members are in the funeral society? (reciprocity_32)

# Province/district where funeral of resp. would most likely be held (reciprocity 33) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 559
Format: character
Invalid: 0

## Width: 29

## Literal question

Funerals are important social events when friends and relatives pay their last respects to the deceased. If, God forbid, you were to pass away tomorrow, in which province/district would your funeral most likely be held? (reciprocity_33)

Approx. number of people attending funeral (reciprocity_34) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 545
Format: character
Invalid: 0
Width: 22

## Literal question

Approximately how many people would be likely to attend your funeral? (reciprocity_34)

Right number that respondent would like (reciprocity_35)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 234
Format: character
Invalid: 0
Width: 25

## Literal question

Is this the right number that you would like? (reciprocity_35)
(expenditure_stopwatch)
File: GhanaRound6Single_la

## Overview

(expenditure_stopwatch)
File: GhanaRound6Single_la
Type: Discrete
Valid cases: 721
Format: character
Invalid: 0
Width: 8

# Relationship to household head (household_1a) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 718
Format: character
Invalid: 0
Width: 34

## Literal question

What relationship are you to the head of your household? (household_1a)

Number of household members apart from resp. (household_1b) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 717
Format: numeric
Invalid: 106
Width: 2
Decimals: 0
Range: 0-16

## Pre question

We are about to ask about members of the household. Please include all people who usually live in this household. Please include individuals who are temporarily living elsewhere or temporarily working in another location (ie for three months or less). However, please do NOT include the respondent in the roster; we have already asked about the respondent.

## Literal question

Apart from you, how many members are there in the household?

Jump over roster if nobody else in the household.
(jumpoverrosterifnobodyelseintheh)
File: GhanaRound6Single_la
Overview
Type: Discrete

```
Valid cases: 0
```

Format: numeric
Invalid: 823
Width: 1
Decimals: 0

# Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) <br> File: GhanaRound6Single_la 

## Overview

# Last WEEK'S household expenditure on: Food and drink for home consumption (household_2a) <br> File: GhanaRound6Single_la 

Type: Discrete
Format: character
Width: 17

Valid cases: 805
Invalid: 0

## Literal question

Last week:
How much have you and your household spent in the last WEEK on: Food and drink for home consumption (GHc)? (household_2a)

# Last WEEK'S household expenditure on: Food and drink consumed outside the home (household_2b) File: GhanaRound6Single_la 

## Overview

```
Type: Discrete
Valid cases: 751
Format: character
Invalid: 0
```

Width: 17

## Literal question

Last week:
How much have you and your household spent in the last WEEK on: Food and drink consumed outside the home (GHc)? (household_2b)

# Last MONTH's household expenditures on: Housing (household 3a) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 808
Format: character
Invalid: 0
Width: 20

## Literal question

How much did you and your household spend last MONTH on: Housing (e.g. rent, maintenance, water bills, refuse collection charges) (GHc)? (household_3a)

# Last MONTH's household expenditures on: Fuel and Light (household 3b) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 805
Format: character
Invalid: 0
Width: 11

## Literal question

How much did you and your household spend last MONTH on: Fuel and Light (e.g. electricity, kerosene, wood, gas, match, candles, batteries, charcoal) (GHc)? (household_3b)

## Last MONTH's household expenditures on: Non-durable household goods (household_3c)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 802
Format: character
Invalid: 0
Width: 11

## Literal question

How much did you and your household spend last MONTH on: Non-durable household goods (e.g. personal care products, soaps, cleaning materials) (GHc)? (household_3c)

# Last MONTH's household expenditures on: Communication (household 3d) 

## File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 684
Format: numeric
Width: 3
Decimals: 0
Range: 0-265

Invalid: 139
Minimum: 0
Maximum: 265

## Literal question

How much did you and your household spend last MONTH on: Communication (eg telephone, internet and postal)

# Last MONTH's household expenditures on: Recreation and entertainment (household_3e) <br> File: GhanaRound6Single_la 

## Overview

Type: Continuous
Valid cases: 688
Invalid: 135
Minimum: 0
Maximum: 70
Maximum: 70
Decimals: 0

Range: 0-70

## Literal question

How much did you and your household spend last MONTH on: Recreation and entertainment (eg CDs, DVDs, cinema, books, beach, football, lottery)

## Last MONTH's household expenditures on: Transport (household 3f) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 650
Format: numeric
Invalid: 173
Width: 2
Minimum: 0
Decimals: 0
Maximum: 70
Range: 0-70

## Literal question

How much did you and your household spend last MONTH on: Transport (eg train/bus, taxis, school transport fees)

# Last MONTH's household expenditures on: Household services (household 3g) 

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-280

Valid cases: 660
Invalid: 163
Minimum: 0
Maximum: 280

## Literal question

How much did you and your household spend last MONTH on: Household services (e.g. repair and maintenance, servants, laundry) (GHc)? (household_3g)

## Last MONTH's household expenditures on: Personal care services (household 3h)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-120

## Valid cases: 713

Invalid: 110
Minimum: 0
Maximum: 120

## Literal question

How much did you and your household spend last MONTH on: Personal care services (e.g. haircuts, nails, massages) (GHc)? (household_3h)

## Last MONTH's household expenditures on: Contributions to associations (household 3i) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

## Valid cases: 692

Invalid: 131
Minimum: 0
Maximum: 200

## Literal question

How much did you and your household spend last MONTH on: Contributions to associations (e.g. churches, funeral societies) (GHc)? (household_3i)

Over past THREE MONTHS household expenditures on: Clothing and textiles (household_4a)
File: GhanaRound6Single_la

## Overview

# Over past THREE MONTHS household expenditures on: Clothing and textiles (household 4a) 

File: GhanaRound6Single_la
Over the past THREE MONTHS, how much did you and your household spend on: Clothing and textiles (GHc)? (household_4a)

# Over past THREE MONTHS household expenditures on: Footwear (household_4b) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 756
Format: character
Width: 17
Invalid: 0

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Footwear (GHc)? (household_4b)

# Over past THREE MONTHS household expenditures on: <br> Funerals,weddings,ceremonies (household_4c) <br> File: GhanaRound6Single_la 

## Overview

```
Type: Continuous Valid cases: 663
Format: numeric
Invalid: 160
Width: }
Minimum: 0
Decimals: 0
Range: 0-3500
```


## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Funerals, weddings and ceremonies (GHc)? (household_4c)

Over past THREE MONTHS household expenditures on:
Electronic goods (household_4d)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 786
Format: character
Width: 3
Invalid: 0

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Electronic goods (e.g. purchase of cellphones, TVs, VCRs, radios, computers) (GHc)? (household_4d)

Over past THREE MONTHS household expenditures on:
Household furnishings (household_4e)
File: GhanaRound6Single_la

# Over past THREE MONTHS household expenditures on: <br> Household furnishings (household_4e) <br> File: GhanaRound6Single_la 

## Overview

Type: Continuous
Valid cases: 655
Format: numeric
Invalid: 168
Width: 2
Minimum: 0
Decimals: 0
Maximum: 80
Range: 0-80

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Household furnishings (e.g. furniture, dishes, rugs) (GHc)? (household_4e)

## Over past THREE MONTHS household expenditures on:

Household appliances (household_4f)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 657
Format: numeric
Invalid: 166
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Household appliances for home use (e.g. washing machines, refrigerators, sewing machines) (GHc)? (household_4f)

## Over past THREE MONTHS household expenditures on: Vehicles (household_4g)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 657
Format: numeric
Invalid: 166
Width: 3
Minimum: 0
Decimals: 0
Maximum: 999
Range: 0-999

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Vehicles (e.g. bicycles) (GHc)?
(household_4g)

Over past THREE MONTHS household expenditures on: Health expenses (household_4h)
File: GhanaRound6Single_la

## Overview

# Over past THREE MONTHS household expenditures on: Health expenses (household_4h) <br> File: GhanaRound6Single_la 

Type: Continuous
Valid cases: 681
Format: numeric
Invalid: 142
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1000
Range: 0-1000

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Health expenses (e.g. fees to doctors, hospitals and costs of medicines) (GHc)? (household_4h)

## Over past THREE MONTHS household expenditures on: Education (household_4i)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 690
Format: numeric
Invalid: 133
Width: 4
Minimum: 0
Decimals: 0
Maximum: 3000
Range: 0-3000

## Literal question

Over the past THREE MONTHS, how much did you and your household spend on: Education (e.g. school uniform, school supplies, school fees) (GHC)? (household_4i)

Resp. smokes cigarettes ( $1=$ Yes, $2=$ No) (household_5a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 719
Format: character
Invalid: 0
Width: 3

## Literal question

Do you smoke cigarettes?

## Number of cigarettes smoked each day (household_5b) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 5
Format: numeric
Invalid: 818
Width: 2
Decimals: 0
Range: 1-10

## Pre question

Do you smoke cigarettes?

## Literal question

(If yes...) On average, how many cigarettes do you smoke each day?

Last month's spending on cigarettes (GHc) (household_5c)
File: GhanaRound6Single_la
Overview
Type: Continuous
Valid cases: 5
Format: numeric
Invalid: 818
Width: 2
Minimum: 0
Decimals: 0
Maximum: 30

# Respondent drinks alcohol (household_5d1) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Format: character Width: 3

Literal question
Do you drink alcohol?

Valid cases: 264
Invalid: 0

Frequency of alcohol consumption (household_5d2)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 717
Format: character
Invalid: 0
Width: 21
Literal question
How often do you consume alcohol?

Last month's spending on alcohol (GHc) (household_5e)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 661
Format: character
Invalid: 0
Width: 17

## Literal question

How much did you spend last MONTH on ALCOHOL (GHc)?

Frequency of partying (household_5f)
File: GhanaRound6Single_la

## Overview

# Frequency of partying (household 5f) <br> File: GhanaRound6Single_la <br> How often do you party? 

# Last month's spending on partying (GHc) (household_5g) File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 661
Format: character
Invalid: 0

## Literal question

How much did you spend last MONTH on PARTYING(GHc)?

Frequency of succumbing to impulses to spend money on other consumption (household_5h)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 719
Format: character

$$
\text { Invalid: } 0
$$

Width: 21

## Literal question

How often do you succumb to impulses to spend money on consumption (other than alcohol, cigarettes, or partying)?
(transfers_stopwatch)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 8

Made payments in cash or goods to people living outside household, past 3 months (transfers_1)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 3

## Literal question

During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1)

Repeat if blank. (v325)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 0
Format: numeric Invalid: 823
Width: 1
Decimals: 0

## Transfer made to (transfers_2)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 163
Format: character
Invalid: 0
Width: 50

## Pre question

During the past three months, did you make any payments in cash or goods to people living outside your household? (transfers_1)

## Literal question

To whom did you make the transfers? (transfers_2)

Approximate amount of cash given to people outside the household, past 3 months (transfers_3)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 158
Format: numeric
Invalid: 665
Width: 3
Minimum: 0
Decimals: 0
Range: 0-300
Maximum: 300

## Literal question

Approximately how much cash did you give to people outside your household during the past three months? (transfers_3)

Approx. value of goods provided to people outside the household, past 3 months (transfers_4)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 157
Format: numeric
Invalid: 666
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

## Literal question

What is the approximate value of the goods you provided to people outside your household during the past three months? (transfers_4)

# Received any transfers in cash or goods from people living outside the household (transfers_5) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0

## Width: 3

## Literal question

During the past three months, did you receive any transfers in cash or goods from people living outside your household? (transfers_5)

Received transfer from (transfers_6)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 71

Format: character
Width: 36

## Literal question

Who did you receive the transfers from? (transfers_6)

## Approx. amount of cash received from people outside household, past three months (transfers_7)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 65
Format: numeric
Invalid: 758
Width: 4
Minimum: 0
Decimals: 0
Maximum: 2300
Range: 0-2300

## Literal question

Approximately how much cash did you receive from people outside your household during the past three months? (transfers_7)

Approx. value of goods received from people outside household, past three months (transfers_8)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-200

## Valid cases: 65

Invalid: 758
Minimum: 0
Maximum: 200

## Literal question

What is the approximate value of the goods you received from people outside your household during the past three months? (transfers_8)

# (treatment stopwatch) <br> File: GhanaRound6Single_la 

Overview
Type: Discrete
Valid cases: 723
Format: character
Invalid: 0
Width: 8

## TreatmentType (treatmenttype)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 707
Format: character
Invalid: 0
Width: 9

TreatmentType2 (treatmenttype2)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 706
Format: character
Invalid: 0
Width: 9

## TreatmentType3 (treatmenttype3)

File: GhanaRound6Single_la
Overview
Type: Discrete
Valid cases: 705
Format: character
Invalid: 0
Width: 9

# Amount of the 150 GHc in-kind treatment that remains in business (treatment_c_1a) <br> File: GhanaRound6Single_la 

## Overview

Type: Continuous
Valid cases: 168
Invalid: 655
Format: numeric
Minimum: 0
Decimals: 0
Range: 0-150

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

How much of the 150 GHc remains in the business? (treatment_c_1a)

# Amount of the 150 GHc in-kind treatment that has been taken out of the business (treatment_c_2a) File: GhanaRound6Single_la 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 164
Invalid: 659
Minimum: 0
Maximum: 150

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2a)

## Sum of treatment_c_1a and treatment_c_2a (treatment_c_sum) File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 50-150

Valid cases: 168
Invalid: 655
Minimum: 50
Maximum: 150

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Interviewer instructions

[Calculate sum: ] (treatment_c_sum)

## Confirmation: Amount of the 150 GHc in-kind treatment that remains in business (treatment_c_1b) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 150-150

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

These values did not add to 150 GH . Please confirm the answers.
Please confirm: How much of the 150 GHc remains in the business? (treatment_c_1b)

# Confirmation: Amount of the 150 GHc in-kind treatment that has been taken out (treatment_c_2b) <br> File: GhanaRound6Single_la 

## Overview

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

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc in materials and equipment for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been taken out of the business for other uses.

## Literal question

These values did not add to 150 GHc . Please confirm the answers.
Please confirm: How much of the 150 GHc has been taken out of the business for other uses? (treatment_c_2b)

## Amount of the 150 GHc cash treatment that remains in business (treatment_d_1a)

File: GhanaRound6Single_la

## Overview

Type: Continuous
Valid cases: 175
Format: numeric
Invalid: 648
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150

Valid cases: 1
Invalid: 822

Range: 0-150

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc remains in the business? (treatment_d_1a)

Amount of the 150 GHc cash treatment that remains in the household (treatment_d_2a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 704
Format: character
Width: 3
Invalid: 0

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc remains in the household? (treatment_d_2a)

# Amount of the 150 GHc cash treatment spent on non-business things (treatment_d_3a) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 704
Format: character
Width: 3
Invalid: 0

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc has been spent on non-business things? (treatment_d_3a)

## Amount of the 150 GHc cash treatment saved outside of business or household (treatment d_4a)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 704
Format: character
Width: 3
Invalid: 0

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4a)

# Sum of spending (treatment_d_sum) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 705
Format: character
Width: 12
Invalid: 0

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

Confirmation:Amount of 150 GHc cash treatment that remains in business (treatment_d_1b)
File: GhanaRound6Single_la

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

## Valid cases: 11

Invalid: 812
Minimum: 0
Maximum: 150

Pre question

## Confirmation:Amount of 150 GHc cash treatment that remains in business (treatment_d_1b)

File: GhanaRound6Single_la
Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc remains in the business? (treatment_d_1b)

# Confirmation:Amount of 150 GHc cash treatment that remains in the household (treatment_d_2b) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 678
Format: character
Width: 3
Invalid: 0

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc remains in the household? (treatment_d_2b)

## Confirmation:Amount of 150 GHc in-kind treatment spent on non-business things (treatment_d_3b) <br> File: GhanaRound6Single_la

## Overview

Type: Continuous

## Valid cases: 12

Format: numeric
Width: 3
Decimals: 0
Range: 0-100

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc has been spent on non-business things? (treatment_d_3b)

Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household (treatment_d_4b)
File: GhanaRound6Single_la

## Overview

# Confirmation:Amount of 150 GHc cash treatment saved outside of bus. or household (treatment_d_4b) 

File: GhanaRound6Single_la
Type: Discrete Valid cases: 12
Format: numeric
Invalid: 811
Width: 1
Decimals: 0
Range: 0-0

## Pre question

Three months/six/nine months ago you received a prize of 150 GHc cash for your business for participating in this survey. I would like to know how much of this 150 GHc remains in the business and how much has been spent in other ways.

## Literal question

[If the sum is not 150 GHc ...]
Please confirm: How much of the 150 GHc has been saved outside of the business or household? (treatment_d_4b)

## BaselineMaritalStatus (baselinemaritalstatus) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 720
Format: character
Width: 26

Invalid: 0

# BaselineMonthLookup (baselinemonthlookup) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete Valid cases: 719

Format: character Invalid: 0
Width: 8

Current marital status (family_1)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Invalid: 0
Width: 26

## Pre question

[Note: PocketSurvey looked up the earlier martial status and month of interview, and these are then saved again, as baselinemaritalstatus and baselinemonthlookup.]

## Literal question

What is your current marital status? (family_1)

Verification: Marital status is correct if changed (family_1a)
File: GhanaRound6Single_la

## Overview

# Verification: Marital status is correct if changed (family_1a) File: GhanaRound6Single_la 

```
Type: Discrete Valid cases: 722
Valid cases: 722
```

Format: character
Width: 23
Invalid: 0

## Literal question

[If applicable...]
In [month] 2008, you told us that your marital status was X, but you have told us that your status now is Y. Is this correct?

Marital status in baseline month (family_2)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Width: 26

## Literal question

(If a mistake...)
What was your marital status in [baslinemonthlookup] 2008?

Current marital status (family_3)
File: GhanaRound6Single_la
Overview
Type: Discrete Valid cases: 44
Format: character Invalid: 0 Width: 26

## Literal question

What is your current marital status? (family_3)

Age when married current spouse (family_4)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 680
Format: character
Invalid: 0

Width: 25

## Literal question

What was your age when you married your current spouse? (family_4)

Current spouse's age when married (family_5)
File: GhanaRound6Single_la

## Overview

## Literal question

What was your current spouse's age when you were married? (family_5)

# Value of land and buildings (incl. housing) resp. brought to current marriage (family 6a) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Format: character
Width: 14

Valid cases: 597
Invalid: 0

## Pre question

I am going to ask some questions about the value of assets brought to your marriage. Please answer in terms of what it would cost to obtain the SAME assets TODAY, in current Ghana cedis.

## Literal question

What was the value of LAND AND BUILDINGS (including HOUSING) that YOU brought to your current marriage? (family_6a)

## Value of land/buildings(incl.housing) resp.'s spouse brought to current marriage (family_6b) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 591
Invalid: 0

## Pre question

I am going to ask some questions about the value of assets brought to your marriage. Please answer in terms of what it would cost to obtain the SAME assets TODAY, in current Ghana cedis.

## Literal question

What was the value of LAND AND BUILDINGS (including HOUSING) that YOUR SPOUSE brought to your current marriage? (family_6b)

Value of consumer durables that resp. brought to current marriage (family_7a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 593
Format: character
Invalid: 0
Width: 16

## Pre question

I am going to ask some questions about the value of assets brought to your marriage. Please answer in terms of what it would cost to obtain the SAME assets TODAY, in current Ghana cedis.

## Literal question

What was the value of CONSUMER DURABLES that YOU brought to your current marriage (e.g. vehicle, furniture, TV, etc.?) (family_7a)

Value of consumer durables that resp.'s spouse brought to current marriage (family_7b)
File: GhanaRound6Single_la

## Overview

# Value of consumer durables that resp.'s spouse brought to current marriage (family_7b) 

File: GhanaRound6Single_la
Type: Discrete
Valid cases: 588
Format: character
Invalid: 0

## Width: 16

## Pre question

I am going to ask some questions about the value of assets brought to your marriage. Please answer in terms of what it would cost to obtain the SAME assets TODAY, in current Ghana cedis.

## Literal question

What was the value of CONSUMER DURABLES that YOUR SPOUSE brought to your current marriage (e.g. vehicle, furniture, TV, etc.?) (family_7b)

## Value of cash and financial assets that resp. brought to current marriage (family_8a)

File: GhanaRound6Single_la

## Overview

## Pre question

I am going to ask some questions about the value of assets brought to your marriage. Please answer in terms of what it would cost to obtain the SAME assets TODAY, in current Ghana cedis.

## Literal question

What was the value of CASH AND FINANCIAL ASSETS (e.g. savings account) that YOU brought to your current marriage? (family_8a)

## Value of cash and financial assets resp.'s spouse brought to current marriage (family_8b) <br> File: GhanaRound6Single_la

## Overview

Type: Discrete

Valid cases: 552
Format: character
Width: 16
Invalid: 0

## Pre question

I am going to ask some questions about the value of assets brought to your marriage. Please answer in terms of what it would cost to obtain the SAME assets TODAY, in current Ghana cedis.

## Literal question

What was the value of CASH AND FINANCIAL ASSETS (e.g. savings account) that YOUR SPOUSE brought to your current marriage? (family_8b)

Resp. was operating a business when started current marriage (1=yes, $2=n o$ ) (family_9a)
File: GhanaRound6Single_la

## Overview

# Resp. was operating a business when started current marriage (1=yes, $2=$ no) (family 9a) 

File: GhanaRound6Single_la
Type: Discrete Valid cases: 668
Format: character
Invalid: 0
Width: 3

## Literal question

Were YOU operating a business when you started your current marriage? (family_9a)

Resp.'s spouse was operating a business when started current marriage (family_9b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 662
Format: character
Invalid: 0

## Width: 3

## Literal question

Was YOUR SPOUSE operating a business when you started your current marriage? (family_9b)

Resp. and spouse jointly hold assets or household assets held individually (family_9c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 624
Format: character
Width: 37
Invalid: 0

## Literal question

Do you and your husband/wife jointly hold assets, or are household assets owned individually by each of you? (family_9c)

Resp. had another marriage before current one ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (family 10a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Width: 3

```
Valid cases: 664
```

Invalid: 0

## Literal question

Did you have another marriage before your current marriage? (family_10a)

Former spouse still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (family_10b)
File: GhanaRound6Single_la

## Overview

Former spouse still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (family_10b)
File: GhanaRound6Single_la
Type: Discrete $\quad$ Valid cases: 78
Format: character
Invalid: 0
Width: 10

## Literal question

Is your former spouse still alive? (family_10b)

Place where former spouse is living (family_10c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character Width: 30

Valid cases: 103
Invalid: 0

## Literal question

Where is your former spouse currently living? (family_10c)

Region where former spouse is living (family_10d) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 61
Format: character
Width: 45
Invalid: 0

## Pre question

Where is your former spouse currently living?
Literal question
In which region? (family_10d)

Resp.'s mother still alive ( $1=\mathrm{Yes}, 2=\mathrm{No}$ ) (family_11a)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 719
Format: character
Invalid: 0
Width: 3

## Literal question

Is your mother still living? (family_11a)

Region wher resp.'s mother is living (family_11c)
File: GhanaRound6Single_la

## Overview

## Pre question

Is your mother still living? (family_11a)

Region wher resp.'s mother is living (family_11c)
File: GhanaRound6Single_la
Literal question
In which region? (family_11c)

Resp.'s father still alive (1=Yes, 2=No) (family_12a)
File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 721
Format: character Invalid: 0
Width: 3
Literal question
Is your father still living? (family_12a)

## Region wher resp.'s father is living (family_12c)

File: GhanaRound6Single_la

## Overview

Type: Discrete Valid cases: 182
Format: character
Invalid: 0
Width: 20

## Pre question

Is your father still living? (family_12a)

## Literal question

Where does he live? (family_12b)

Resp.'s maternal uncle still alive (1=Yes, $2=\mathrm{No}$ ) (family_13a) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Invalid: 0

## Literal question

Is your maternal uncle still living? (family_13a)

# Place where resp.'s maternal uncle is living (family_13b) <br> File: GhanaRound6Single_la 

## Overview

```
Type: Discrete
Valid cases: 548
Format: character
Invalid: 0
```

Width: 30

## Pre question

Is your maternal uncle still living? (family_13a)

## Literal question

Where does he live? (family_13b)

# Region wher resp.'s maternal uncle is living (family_13c) File: GhanaRound6Single_la 

Overview
Type: Discrete Valid cases: 378
Format: character
Invalid: 0
Width: 20

## Pre question

Is your maternal uncle still living?

## Literal question

In which region? (family_13c)

# Number of brothers currently living (incl. step- and half-brothers) (family 14a) 

File: GhanaRound6Single_la
Overview

```
Type: Discrete
Valid cases: }71
Format: numeric
Invalid: }10
Width: }
Decimals: 0
Range: 0-20
```


## Literal question

```
How many brothers, currently living, do you have (including step- and half-brothers)? (family_14a)
```

Number of sisters currently living (incl. step- and half-sisters) (family 14b)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 812
Format: character
Invalid: 0

Width: 3

## Literal question

How many sisters, currently living, do you have (including step- and half-sisters)? (family_14b)

Number of siblings currently living with resp.'s household (family 14c)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Valid cases: 799
Width: 6
Invalid: 0

## Literal question

How many of your siblings currently live WITH YOUR HOUSEHOLD? (family_14c)

Number of siblings currently living in immediate meighborhood (family_14d)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 811
Invalid: 0

## Literal question

How many of your siblings current live IN THE IMMEDIATE NEIGHBOURHOOD? (family_14d)

Number of siblings currently living in ACCRA-TEMA (family_14e) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 810
Format: character
Invalid: 0
Width: 3

## Literal question

How many of your siblings current live IN ACCRA-TEMA? (family_14e)

Number of siblings currently living in another region (family_14f) File: GhanaRound6Single_la

## Overview

Type: Discrete
Format: character
Valid cases: 810
Width: 3
Invalid: 0

Literal question<br>How many of your siblings current live IN ANOTHER REGION? (family_14f)

# Region(s) where siblings are living (family_14g) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Format: character Width: 57

## Pre question

How many of your siblings current live IN ANOTHER REGION? (family_14f)

## Literal question

Which region(s)? (Please tick all.) (family_14g)

Owner of home where household currently resides (land_1)
File: GhanaRound6Single_la

## Overview

# Owner of home where household currently resides (land_1) File: GhanaRound6Single_la 

Type: Discrete Valid cases: 722
Format: character
Invalid: 0
Width: 45

## Literal question

Who owns the home where the household currently resides? (land_1)

Resp. owns plots of land apart from his/her home (1=Yes, $2=$ No $)$ (land 2)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0

## Width: 3

## Literal question

Do you own any plots of land apart from your home? (land_2)
(introduction_stopwatch_3_11)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Invalid: 0
Width: 8

# Person(s) other than the enterprise owner present during the interview (impressions_1) 

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 722
Format: character
Width: 165

## Literal question

Who else other than the enterprise owner was present during the interview? (impressions_1) (ticklist)

# Interviewer's impression of how well the respondent understood the questions (impressions_2) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 720
Format: character
Width: 11
Invalid: 0

## Literal question

What is your impression of how well the respondent understood the questions being asked? (impressions_2)

Interviewer's impression of seriousness with which the resp. answered questions (impressions_3)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Invalid: 0
Width: 11

## Literal question

What is your impression of the seriousness with which the respondent answered questions? (impressions_3)

Interviewer's impression of preciseness with which questions were answered (impressions_4)
File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 718
Format: character
Invalid: 0
Width: 11

## Literal question

What is your overall impression of the preciseness with which questions were answered? (impressions_4)

# Most difficult or troubling sections for the respondent (impressions_5) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 721
Format: character
Width: 77
Invalid: 0

## Literal question

Which sections were most difficult or troubling for the respondent? (impressions_5) (tickmark)

# Most difficult or troubling sections for the interviewer (impressions_6) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 721
Format: character Width: 32

Invalid: 0

## Literal question

Which sections were most difficult or troubling for you? (impressions_6) (ticklist)

Sections that interested the respondents the most (impressions_7) File: GhanaRound6Single_la

Sections that interested the respondents the most (impressions_7) File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 721
Format: character
Width: 171

## Literal question

Which sections interested the respondents the most? (impressions_7) (ticklist)

# Most difficult or troubling questions for the respondent (impressions_8) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 609
Format: character
Invalid: 0
Width: 18

## Literal question

Which questions were most difficult or troubling for the respondent? (impressions_8)

# Most difficult or troubling questions for the interviewer (impressions_9) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 612
Format: character
Invalid: 0

## Literal question

Which questions were most difficult or troubling for you? (impressions_9)

# Questions that interested the respondents the most (impressions_10) <br> File: GhanaRound6Single_la 

## Overview

Type: Discrete
Valid cases: 605
Format: character Width: 50

Invalid: 0

## Literal question

Which questions interested the respondents the most? (impressions_10)
(SingleMultipleMerge)
File: GhanaRound6Single_la

## Overview

(SingleMultipleMerge)
File: GhanaRound6Single_la
Type: Discrete
Valid cases: 823
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 2-3

## (credit_13)

File: GhanaRound6Single_la

## Overview

Type: Discrete
Valid cases: 92
Format: character
Invalid: 0
Width: 3

## (credit 14)

File: Gh̄anaRound6Single_la

## Overview

Type: Discrete
Valid cases: 151
Format: character
Invalid: 0
Width: 8

Gender (gender)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: character
Width: 6

Invalid: 0

Male operating in male-dominated industry (male_male)
File: ReplicationDataGhanaJDE

## Overview

Female operating in female-dominated industry (female female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1

Male operating in a mixed gender industry (male_mixed)
File: ReplicationDataGhanaJDE

## Overview

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

Female operating in a mixed gender industry (female_mixed)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Baseline capture above median (highcapture)
File: ReplicationDataGhanaJDE

# Baseline capture above median (highcapture) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

# Baseline capital stock above median (highcapital) <br> File: ReplicationDataGhanaJDE 

## Overview

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

## Randomization Strata (groupnum) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 6
Decimals: 0
Range: 101-160005

## Ever assigned to Cash treatment (cashtreat) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1

# Ever assigned to Equipment treatment (equiptreat) File: ReplicationDataGhanaJDE 

## Overview

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

Valid cases: 4758
Invalid: 0

# Assigned to Early treatment group (after round 2) (earlytreat) File: ReplicationDataGhanaJDE 

Overview
Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

Ever assigned to treatment (assigntreat)
File: ReplicationDataGhanaJDE

## Overview

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

# Sample over which randomization done (experimentsample) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Invalid: 0

Decimals: 0
Range: 1-1

Firm identification number (sheno)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 110101604-370802607

Valid cases: 4758
Invalid: 0
Minimum: 110101604
Maximum: 370802607

# Assigned to Late treatment group (after round 4) (latetreat) File: ReplicationDataGhanaJDE 

## Overview

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

Valid cases: 4758
Invalid: 0

Date of survey (questionnaire_date)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4640
Format: character
Invalid: 0
Width: 18

Respondent agreed to be interviewed (agreedtobeinterviewed) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric

## Width: 1

Decimals: 0
Range: 0-1

Place interview took place (interviewlocation)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

# Hours worked in last week (hourslastweek) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-140

Valid cases: 4421
Invalid: 337
Minimum: 0
Maximum: 140

## Hours last week at full effort (hoursfulleffort) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Invalid: 330
Width: 3
Minimum: 0
Decimals: 0
Range: 0-144
Maximum: 144

Number of days in month business was closed (daysbusinessclosed)
File: ReplicationDataGhanaJDE

Number of days in month business was closed (daysbusinessclosed)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-31

Valid cases: 4146
Invalid: 612
Minimum: 0
Maximum: 31

# Days closed business due to own illness (daysill) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 4001
Format: numeric
Invalid: 757
Width: 2
Minimum: 0
Decimals: 0
Maximum: 60
Range: 0-60

## Inventories (inventories) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4438
Format: numeric
Invalid: 320
Width: 5
Minimum: 0
Decimals: 0
Maximum: 15000

Cash on hand in business (cashonhand) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous Valid cases: 3708
Format: numeric Invalid: 1050
Width: 6
Decimals: 0
Minimum: 0
Range: 0-600000
Maximum: 600000

## Use a Susu (useasusu) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4449
Format: numeric
Invalid: 309

## Width: 1

Decimals: 0
Range: 0-1

# Amount deposited daily with susu collector (dailysusu) File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-5000

Valid cases: 4447
Invalid: 311
Minimum: 0
Maximum: 5000

Raw sales in last month (rawsales)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4431
Format: numeric
Invalid: 327
Width: 5
Minimum: 0
Decimals: 0
Maximum: 94000
Range: 0-94000

# Average of last 3 months sales (salesthreemonthaverage) File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 4357
Format: numeric
Invalid: 401
Width: 8
Minimum: 0
Decimals: 0
Maximum: 14403920

Raw material purchases (rawmaterialpurchases)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-200000

Valid cases: 4335
Invalid: 423
Minimum: 0
Maximum: 200000

## Total business expenses (totalbusinessexpenses) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-204106

Valid cases: 4438
Invalid: 320
Minimum: 0
Maximum: 204106

Raw monthly profit (rawprofit)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4214
Format: numeric
Invalid: 544
Width: 5
Minimum: 0
Decimals: 0
Maximum: 12000

Photo of inventories was taken (inventoryphoto)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3869
Format: numeric
Invalid: 889
Width: 1
Decimals: 0
Range: 0-1

# Who was present at interview (whoelsepresent) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4416
Format: character
Width: 165

Spouse present at interview (spousepresent)
File: ReplicationDataGhanaJDE

## Overview

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

Survey wave (wave)
File: ReplicationDataGhanaJDE

## Overview

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

Still own business (stillownbusiness)
File: ReplicationDataGhanaJDE

## Still own business (stillownbusiness)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 3849
Invalid: 909

Width: 1
Decimals: 0
Range: 0-1

# Operating in a new location (changedbusinesslocation) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 3849
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## Changed line of business (changedlineofbusiness) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3849
Format: numeric
Invalid: 909
Width: 1
Decimals: 0
Range: 0-1

Has closed business (closedbusiness)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3819
Format: numeric
Invalid: 939
Width: 1
Decimals: 0
Range: 0-1

Attrited from this round of survey (attrited) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3849
Format: numeric
Invalid: 909
Width: 1
Decimals: 0
Range: 0-1

Number of hours last week of household workers in firm (hhworkerhours)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-144

Valid cases: 3641
Invalid: 1117
Minimum: 0
Maximum: 144

Number of hours last week of apprentices (apprenticehours)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3638
Format: numeric
Invalid: 1120
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

Number of hours last week of paidemployees (paidemployeehours) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3636
Format: numeric
Invalid: 1122
Width: 3
Minimum: 0
Decimals: 0
Maximum: 480
Range: 0-480

# Total hours last week of all workers in firm (except owner) (totalworkerhours) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 3607
Invalid: 1151
Minimum: 0
Maximum: 480

## Overview

Type: Continuous
Valid cases: 3636
Format: numeric
Invalid: 1122
Minimum: 0
Maximum: 3800

Value of goods and services given to free to others outside house (freegoodsgiven)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-300

Valid cases: 3445
Invalid: 1313
Minimum: 0
Maximum: 300

# Amount of new bank loans (newloanbankamount) File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 3849
Format: numeric
Invalid: 909
Width: 5
Minimum: 0
Decimals: 0
Maximum: 15000

Amount of new loans from microfinance (newmicrofinanceamount) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3849
Format: numeric
Invalid: 909
Width: 4
Minimum: 0
Decimals: 0
Maximum: 2000

Amount of new loans from friends/family (newfriendloanamount) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3849
Format: numeric
Invalid: 909
Minimum: 0
Maximum: 2000

Amount transfered out of hh in last 3 months (amounttransferout) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 2278
Format: numeric
Invalid: 2480
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1000
Range: 0-1000

Got a transfer from out of hh in last 3 months (gottransferin)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 2106
Format: numeric
Invalid: 2652
Width: 1
Decimals: 0
Range: 0-1

Amount transferred into hh in last 3 months (amounttransferin) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 2278
Format: numeric
Invalid: 2480
Width: 4
Minimum: 0
Decimals: 0
Maximum: 5000
Range: 0-5000

## Treatment assignment by round (atreat) <br> File: ReplicationDataGhanaJDE

## Overview

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

Cash treatment assignment by round (atreatcash) File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

# Equipment treatment assignment by round (atreatequip) 

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1
dummy variable for round 2 (wave2)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1
dummy variable for round 3 (wave3)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1
dummy variable for round 4 (wave4)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1
dummy variable for round 5 (wave5)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0
dummy variable for round 6 (wave6)
File: ReplicationDataGhanaJDE

## Overview

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

Nominal profits based on panel corrections (correctedprofits)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4334
Format: numeric
Invalid: 424
Width: 5
Minimum: 0
Decimals: 0
Maximum: 12000
Range: 0-12000

Nominal sales based on panel corrections (correctedsales)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4434
Format: numeric
Invalid: 324
Width: 5
Minimum: 0
Decimals: 0
Maximum: 94000
Range: 0-94000

Final checked nominal profits (including r6 checks) (finalprofits) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-5900

Valid cases: 4354
Invalid: 404
Minimum: 0
Maximum: 5900

Final checked nominal sales (including r6 checks) (finalsales) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4439
Width: 5
Decimals: 0
Range: 0-94000

Invalid: 319
Minimum: 0
Maximum: 94000

## (monthw1)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 4640
Invalid: 0

## (waveonemonth)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 3965
Width: 2
Decimals: 0
Range: 10-11

## Greater Accra CPI (cpi)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4758
Format: numeric
Width: 16
Decimals: 0
Range: 268.920013427734-334.369995117188

Invalid: 0
Minimum: 268.9
Maximum: 334.4

Real final profit (realfinalprofit)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 12
Decimals: 0
Range: 0-5386.6171875

Valid cases: 4354
Invalid: 404
Minimum: 0
Maximum: 5386.6

## Location of business (location)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2
a family member had worked in the same industry (sectchoice familyexp)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4728
Format: numeric
Invalid: 30
Width: 1
Decimals: 0
Range: 0-1
friends had worked in the same industry (sectchoice_friendsexp)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4716
Width: 1
Decimals: 0
Range: 0-1
low capital requirements (sectchoice_lowcap)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4698
Width: 1
Decimals: 0
Range: 0-1
previous experience as a wage worker in this industry (sectchoice_wageexp)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1
previous experience as an apprentice in this industry
(sectchoice_apprentexp)
File: ReplicationDataGhanaJDE

## Overview

previous experience as an apprentice in this industry (sectchoice_apprentexp)

## File: ReplicationDataGhanaJDE

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

Valid cases: 4710
Invalid: 48
need to balance family obligations and work (sectchoice_balance)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4728
Format: numeric
Invalid: 30
Width: 1
Decimals: 0
Range: 0-1

## high earnings in this industry (sectchoice_profits) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4698
Width: 1
Decimals: 0
Range: 0-1
provides a steady, reliable income (sectchoice_steady)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1
fewer government inspections (sectchoice_inspect)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4710
Invalid: 48
socially acceptable for a [male/female] to work in this industry (sectchoice_social)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1
(sectchoice_other)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 2436
Format: character
Invalid: 0
Width: 50

Can spend without consulting spouse (spend wo consult)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3066
Format: numeric
Invalid: 1692

Width: 1
Decimals: 0
Range: 1-5

Would take from spouse's wallet if not home (take_from_wallet)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric Invalid: 1698
Width: 1
Decimals: 0
Range: 1-5

# Spouse supports my business (spouse_support_bus) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 3060
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

# Spouse woutl provide if I needed it (spouse_give_money) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete

Valid cases: 3066
Invalid: 1692

Width: 1
Decimals: 0
Range: 1-5

I plan tasks carefully (plan_tasks)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4692
Format: numeric
Invalid: 66
Width: 1
Decimals: 0
Range: 1-5

## I make up my mind quickly (decide_quickly) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4698
Invalid: 60
Width: 1
Decimals: 0
Range: 1-5

## I save regularly (save_reg) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4704
Width: 1
Decimals: 0
Range: 1-5

In uncertain times I usually expect the best (optimism1)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Invalid: 54

I can think of many times when I persisted with work when others quit (persist1)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 1
Decimals: 0
Range: 1-5

I continue to work on hard projects even when others oppose me (persist2)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 1-5

I like to juggle several activities at the same time (polychron1) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 1-5

I would rather complete an entire project every day than complete parts of sever (polychron2_r)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 1-5

If something can go wrong for me, it will (optimism2_r)
File: ReplicationDataGhanaJDE

## Overview

If something can go wrong for me, it will (optimism2_r)
File: ReplicationDataGhanaJDE
Type: Discrete
Valid cases: 4686
Format: numeric
Invalid: 72
Width: 1
Decimals: 0
Range: 1-5

I believe it is best to complete one task before beginning another (polychron3_r)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 1-5

I only try things that I am sure of (try_sure)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4710
Width: 1
Decimals: 0
Range: 1-5

Generally speaking, most people in this community are honest and can be trusted (trust_community)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 1-5

I'm always optimistic about my future (optimism3)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 1-5

A person can get rich by taking risks (rich_risks) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

## important for me to do whatever I'm doing as well as I can (compet_attitude1) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 1-5

## I would make a good leader of people (leader1) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4698
Format: numeric
Invalid: 60
Width: 1
Decimals: 0
Range: 1-5
improving my past performance (improve)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 1
Decimals: 0
Range: 1-5

## I would rather direct it myself (leader2) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Invalid: 48
perform better than others on a task (compet_attitude2) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4710
Width: 1
Decimals: 0
Range: 1-5

I rarely count on good things happening to me (optimism4_r) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 1
Decimals: 0
Range: 1-5

I enjoy planning things (plan)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 1-5
satisfaction in having influence over others (leader3)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4698
Format: numeric
Invalid: 60
Width: 1
Decimals: 0
Range: 1-5
most important thing that happens in life involves work
(work cent)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4704
Invalid: 54

I am a very organised person (organised)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4698
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Language interview conducted in (language_int)
File: ReplicationDataGhanaJDE

## Overview

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

## Marital status (marital_status) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4746
Width: 1
Decimals: 0
Range: 1-4

## Married (married) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4746
Width: 1
Invalid: 12
Decimals: 0
Range: 0-1

Single (single)
File: ReplicationDataGhanaJDE

## Overview

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

Years of schooling from single question (educ_years) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-21
ethnicity (ethnicity)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-20
ethnicity2 (ethnicity2)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 48
Format: numeric
Invalid: 4710
Width: 2
Decimals: 0
Range: 1-20
religion (religion)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4734
Width: 2
Decimals: 0
Range: 1-14
language_home (language_home)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4746
Format: numeric
Invalid: 12
Width: 2
Decimals: 0
Range: 1-10

## Age of respondent (age)

## File: ReplicationDataGhanaJDE

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 20-67

Valid cases: 4746
Invalid: 12
Minimum: 20
Maximum: 67

Firm age in years ( $0=$ founded in 2008) (firmage)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-45
Valid cases: 4728
Invalid: 30
Minimum: 0
Maximum: 45

## (business_owner) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0
Width: 1
Decimals: 0
Range: 1-5

## (other_workers) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (workers apprent)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4746
Invalid: 12
Width: 2
Decimals: 0
Range: 0-45

Valid cases: 4746
Invalid: 12

## (workers family) <br> File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4746
Invalid: 12

## (workers_paid)

File: ReplicationDataGhanaJDE

## Overview

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

## (fixed location)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4746
Width: 1
Decimals: 0
Range: 0-1

## Who started the business? (started_by) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4734
Invalid: 24

Width: 1
Decimals: 0
Range: 1-6

## (startup_spouse)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1

Valid cases: 4746
Invalid: 12

Invalid: 12

## (startup_inher)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(startup_loanFF)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(startup_loanbank)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1

# Do you have a bank account? (bankacct) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4734
Format: numeric
Invalid: 24
Width: 1
Decimals: 0
Range: 0-1
what would you buy with 150 GhC for your business?
(spend_150ghc)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3984
Format: numeric
Invalid: 774
Width: 1
Decimals: 0
Range: 1-4

Do you purchase inputs on credit? (tradecredit_receive)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4734
Format: numeric
Invalid: 24
Width: 1
Decimals: 0
Range: 0-1

# Do you make sales on credit? (tradecredit_give) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Format: numeric
Valid cases: 4734
Width: 1
Decimals: 0
Range: 0-1

Do you use a susu collector? (susu)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4722
Format: numeric
Invalid: 36
Width: 1
Decimals: 0
Range: 0-1

Do you belong to a ROSCA? (rosca)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4722
Invalid: 36

Have you ever applied for a loan from a bank? (bank_applied) File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4734
Invalid: 24

Have you ever been granted a loan from an MFI? (bank_loan) File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4734
Invalid: 24

Have you ever applied for a loan from an MFI? (mfi_applied)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4734
Format: numeric
Invalid: 24
Width: 1
Decimals: 0
Range: 0-1
(mfi_loan)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4734
Format: numeric
Invalid: 24
Width: 1
Decimals: 0
Range: 0-2

Have you ever borrrowed money from faily or friends? (FF_loan) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4734
Format: numeric
Invalid: 24
Width: 1
Decimals: 0
Range: 0-1
(sector_const)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1

## (sector_food)

## File: ReplicationDataGhanaJDE

## Overview

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

## (sector_beauty)

File: ReplicationDataGhanaJDE

## Overview

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

## (sector_manuf) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (sector_sewing) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (sector_repair)

File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

## (sector trade)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1
(sector_other)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Does your business have a tax identification number?
(business_taxnumber)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 1
Decimals: 0
Range: 0-1

Do you have a valid driver's license? (drivers_license) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1

Do you have a valid passport? (passport) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Is your business registered for VAT? (VAT)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1

Is your business registered with the DISTRICT ASSEMBLY? (reg_assembly)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1

Is your business registered with the REGISTRAR GENERAL?
(reg_registrar)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1

Is your business a member of a BUSINESS ASSOCIATION?
(bus_assoc)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 0-1
realationship to hosuehold head (rel_hhhead)
File: ReplicationDataGhanaJDE

## Overview

realationship to hosuehold head (rel_hhhead)
File: ReplicationDataGhanaJDE
Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 1-9

Some inheritance in last 3 years (inheritance_3yrs)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1

# \% of sales to customers in neighborhood (sales_neighborhood) File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Format: numeric
Invalid: 396
Width: 4
Minimum: 0
Decimals: 0
Maximum: 3040
Range: 0-3040

Valid cases: 4494
Invalid: 264
Minimum: 0
Maximum: 1000

Number of competitors in neighborhood (num_comp_neighborhood)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-1000

Location of most important competitor (most_imp_comp_location) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4602
Format: numeric
Invalid: 156
Width: 1
Decimals: 0
Range: 1-5

Most important competitor w/in 1 km (most_imp_comp_1km)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Invalid: 156
Width: 1
Decimals: 0
Range: 0-1
\% of sales custom made (custom_made_perc)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3900
Format: numeric
Invalid: 858
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

# Time customers would take to replace respondent (time_to_replace) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4686
Format: numeric
Invalid: 72
Width: 1
Decimals: 0
Range: 1-5

Ladder of life now (ladder_now)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4614
Format: numeric
Invalid: 144
Width: 2
Decimals: 0
Range: 1-10

Ladder of life 5 years from now (ladder_5years)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4614
Format: numeric
Invalid: 144
Width: 2
Decimals: 0
Range: 1-10

Dif ladder 5 years, ladder now (optimism)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Invalid: 174
Width: 2
Decimals: 0
Range: -2-9

What respondent expects to be doing in 5 years (occup_5years) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 1-6
expected num employees, 5 years time (employees_5years)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4404
Format: numeric
Invalid: 354
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100
$1=$ unwilling, $10=$ completely willing (willingness_to_take_risks)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 2
Decimals: 0
Range: 1-10

Trust spouse to deliver 100 GhC to relative (trust_spouse_100) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3054
Format: numeric
Invalid: 1704

# Trust spouse to open business (trust_spouse_open) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Format: numeric
Invalid: 1722
Width: 1
Decimals: 0
Range: 0-1

# Trust sibling, parent to deliver 100 GhC to relative (trust_fam_100) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Format: numeric
Valid cases: 4704
Width: 1
Decimals: 0
Range: 0-1

## Trust sibling, parent to open business (trust_fam_open) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4692
Width: 1
Decimals: 0
Range: 0-1

Trust extended family to deliver 100 GhC to relative (trust_extfam_100)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-1

Trust extended family to open business (trust_extfam_open) File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4698
Invalid: 60

# Trust friend to deliver 100 GhC to relative (trust_friend 100) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 0-1

## Trust friend to open business (trust_friend_open) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 0-1

Trust employee to deliver 100 GhC to relative
(trust_employee_100)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4698
Format: numeric
Invalid: 60
Width: 1
Decimals: 0
Range: 0-1

Trust employee to open business (trust_employee_open)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4698
Format: numeric
Invalid: 60
Width: 1
Decimals: 0
Range: 0-1

Spouse has compelled to give in last 3 months (spouse_compell) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3066
Format: numeric
Invalid: 1692
Width: 1
Decimals: 0
Range: 0-1

# Who owns the house of the respondent? (house_owner) File: ReplicationDataGhanaJDE 

## Overview

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

Valid cases: 4716
Invalid: 42

Highest number of digits successfully repeated (digitspan) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4608
Format: numeric
Width: 2
Decimals: 0
Range: 0-11

## (SHENO1)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: character
Valid cases: 4758
Invalid: 0

Invalid: 150
firm id number (V187)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous

Valid cases: 4758
Invalid: 0
Minimum: 110101604
Maximum: 370802607

Width: 9
Decimals: 0
Range: 110101604-370802607
(InventoriesPanelCheck)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 57
Invalid: 4701
Minimum: 8
Width: 4
Maximum: 7000
(CashPanelCheck)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 67
Format: numeric
Invalid: 4691
Width: 4
Minimum: 0
Decimals: 0
Maximum: 5000
(InventoriesPanelCheckLagged)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 45
Format: numeric
Invalid: 4713
Width: 4
Minimum: 5
Decimals: 0
Maximum: 6000
(CashPanelCheckLagged)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 54
Format: numeric
Invalid: 4704
Width: 4
Minimum: 0
Decimals: 0
Maximum: 3000
Range: 0-3000
(InventoriesValue)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3866
Format: numeric
Invalid: 892
Width: 6
Decimals: 0
Minimum: 0
Maximum: 350000

## (InventoriesCrossSectionCheck)

File: ReplicationDataGhanaJDE

## Overview

| Type: Continuous | Valid cases: 335 |
| :--- | :--- |
| Format: numeric | Invalid: 4423 |
| Width: 4 | Minimum: 0 |
| Decimals: 0 | Maximum: 3000 |

## (BusinessCash)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-600000

Valid cases: 3699
Invalid: 1059
Minimum: 0
Maximum: 600000

## (InventoriesRevised)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4117
Format: numeric
Invalid: 641
Width: 6
Minimum: 0
Decimals: 0
Maximum: 350000

## (CashRevised)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3699
Format: numeric
Invalid: 1059
Width: 6
Minimum: 0
Decimals: 0
Maximum: 600000

# Spouse would know if had very profitable month (knowprof spouse) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

## Parents would know if had very profitable month (knowprof parents) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

Children would know if had very profitable month (knowprof_children)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

Other in HHold would know if had very profitable month (knowprof_otherhh)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

Extended family would know if had very profitable month (knowprof_extfam)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

Neighbors would know if had very profitable month (knowprof_neighbors)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4206
Format: numeric
Invalid: 552
Width: 1
Decimals: 0
Range: 1-4

Neighboring businesses would know if had very profitable month (knowprof neighbus)
File: ReplicationDataGhanaJDE

Neighboring businesses would know if had very profitable month (knowprof_neighbus)

## File: ReplicationDataGhanaJDE

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

Valid cases: 4212
Invalid: 546

Pressure to share xtra profit with HHold members
(pressure_share_otherhh)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4206
Format: numeric
Invalid: 552
Width: 1
Decimals: 0
Range: 1-4

Pressure to share xtra profit with others (pressure_share_nonhh) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4212
Width: 1
Invalid: 546
Decimals: 0
Range: 1-4

## Would spend xtra profit on self (xtraprof_yourself)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

Would spend xtra profit on household (xtraprof hhold) File: ReplicationDataGhanaJDE

## Overview

# Would save xtra profit in bank (xtraprof banksave) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

# Would save xtra profit as cash (xtraprof_cashsave) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

# Would spend xtra profit on business assets (xtraprof_busequip) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4206
Format: numeric
Invalid: 552
Width: 1
Decimals: 0
Range: 1-4

## Would spend xtra profit on family (xtraprof_family) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 1-4

## Would spend xtra profit on others (xtraprof_nonfamily) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546

How much of 100 GhC lottery win would you give away? (lottery_giveaway)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100

Would share because want others to share with me (share_return) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 0-5

# Would share to improve position in community (share_stature) File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 0-5

Would share so others attend my funeral (share_funeral)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546
Width: 1
Decimals: 0
Range: 0-5

Would share so family can borrow in emergencies (share_borrow) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4212
Format: numeric
Invalid: 546

## (round)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 4655
Invalid: 103

Width: 1
Decimals: 0
Range: 1-6

## household_2a (expend_fooddrink_home_week) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4423
Format: numeric
Invalid: 335
Width: 3
Minimum: 0
Decimals: 0
Maximum: 960
Range: 0-960

## household_2b (expend_fooddrink_outside_week) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4292
Format: numeric
Invalid: 466
Width: 3
Minimum: 0
Decimals: 0
Maximum: 400
Range: 0-400
household_3a (expend_housing_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4383
Format: numeric
Invalid: 375
Width: 3
Decimals: 0
Range: 0-960

Minimum: 0
Maximum: 960
household_3b (expend_fuellight_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4383
Width: 3
Decimals: 0
Range: 0-850

Invalid: 375
Minimum: 0
Maximum: 850
household_3c (expend_nondurable_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-160

Valid cases: 4207
Invalid: 551
Minimum: 0
Maximum: 160
household_3d (expend_transport_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4095
Format: numeric
Invalid: 663
Width: 3
Minimum: 0
Decimals: 0
Maximum: 390
Range: 0-390
household_3e (expend_communication_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4127
Format: numeric
Invalid: 631
Width: 3
Minimum: 0
Decimals: 0
Maximum: 400
Range: 0-400
household_3f (expend_recreation_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3604
Format: numeric
Invalid: 1154
Width: 3
Minimum: 0
Decimals: 0
Maximum: 150
Range: 0-150
household_3g (expend_services_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-380

Valid cases: 3593
Invalid: 1165
Minimum: 0
Maximum: 380
household_3h (expend_personal_month)
File: ReplicationDataGhanaJDE
Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-135

Valid cases: 4334
Invalid: 424
Minimum: 0
Maximum: 135
household_3i (expend_contributions_month)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4126
Format: numeric
Invalid: 632
Width: 4
Minimum: -15
Decimals: 0
Maximum: 5200

# household_4a (expend_clothing_3months) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 4169
Format: numeric
Invalid: 589
Width: 3
Minimum: 0
Decimals: 0
Maximum: 800
Range: 0-800
household_4b (expend footwear_3months)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4134
Format: numeric
Invalid: 624
Width: 3
Minimum: 0
Decimals: 0
Maximum: 500
Range: 0-500
household_4c (expend_ceremonies_3months)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 3791
Width: 4
Decimals: 0
Range: 0-3500

Invalid: 967
Minimum: 0
Maximum: 3500
household_4d (expend_electronic_3months)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-550

Valid cases: 3578
Invalid: 1180
Minimum: 0
Maximum: 550
household_4e (expend_furniture_3months)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3558
Format: numeric
Invalid: 1200
Width: 3
Minimum: 0
Decimals: 0
Maximum: 300
Range: 0-300

## household_4f (expend_appliances_3months) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3547
Format: numeric
Invalid: 1211
Width: 3
Minimum: 0
Decimals: 0
Maximum: 600
Range: 0-600
household_4g (expend_vehicles_3months)
File: ReplicationDataGhanaJDE

## Overview

| Type: Continuous | Valid cases: 3556 |
| :--- | :--- |
| Format: numeric | Invalid: 1202 |
| Width: 3 | Minimum: 0 |
| Decimals: 0 | Maximum: 999 |

household_4h (expend_health_3months)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4042
Format: numeric
Invalid: 716
Minimum: 0
Decimals: 0
Range: 0-3500

Maximum: 3500

## household 4i (expend education_3months) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-1000000

Valid cases: 4050
Invalid: 708
Minimum: 0
Maximum: 1000000

## (expend_total_week)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Valid cases: 4655
Minimum: 0
Maximum: 970
Range: 0-970

## (expend_total_month) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4655
Width: 4
Invalid: 103

Decimals: 0
Minimum: 0
Range: 0-5238
Maximum: 5238

## (expend_total_3months) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 7
Decimals: 0
Range: 0-1000071

## (expend_total)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4655
Format: numeric
Width: 7
Decimals: 0
Range: 0-1000243

Valid cases: 4655
Invalid: 103
Minimum: 0
Maximum: 1000071
(expend_logtotal)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 16
Decimals: 0
Range: 3.52636051177978-13.8157539367676

Valid cases: 4457
Invalid: 301
Minimum: 3.5
Maximum: 13.8
(HomeOwnership)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: character
Invalid: 0
Width: 30
household 6 (OwnsLandline)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 4716
Invalid: 42

Width: 1
Decimals: 0
Range: 0-1
household 7 (OwnsMobile)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 4710
Invalid: 48

Width: 1
Decimals: 0
Range: 0-1
from household_8 (OwnsSewingMachine)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
from household_8 (OwnsStoveOrCooker)
File: ReplicationDataGhanaJDE

## from household_8 (OwnsStoveOrCooker) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

## from household_8 (OwnsRefrigerator)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

## from household 8 (OwnsFreezer) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1

## from household_8 (OwnsAirConditioner) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
from household 8 (OwnsFan)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

## from household 8 (OwnsRadio) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1

## from household 8 (OwnsCDPlayer)

File: ReplicationDataGhanaJDE

## Overview

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

## from household_8 (OwnsDVDOrVideoPlayer) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1

## from household_8 (OwnsTV) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-1

## from household 8 (OwnsComputer)

File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

# from household_8 (OwnsMotorcycleOrScooter) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
from household_8 (OwnsBicycle)
File: ReplicationDataGhanaJDE

## Overview

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

## from household_8 (OwnsSatelliteDish) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

## from household_8 (OwnsCarVanOrTruck) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1
from child roster (Children_Total)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3289
Format: numeric
Invalid: 1469
Width: 2
Minimum: 1
Decimals: 0
Range: 1-26

# from child_age (Children_Age0to6) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete

Valid cases: 3289
Invalid: 1469

Width: 1
Decimals: 0
Range: 0-4
from child age (Children_Age6to11)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3289
Format: numeric
Invalid: 1469
Width: 1
Decimals: 0
Range: 0-5
from child_age (Children_Age12to18)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3289
Format: numeric
Invalid: 1469
Width: 1
Decimals: 0
Range: 0-5
personal_4 (Respondent_MaritalStatus)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: character
Valid cases: 3936
Width: 26
household_1a (Respondent_Position)
File: ReplicationDataGhanaJDE

## Overview

# household 1b (Household Members) 

File: ReplicationDataGhanaJDE

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-46

Valid cases: 3882
Invalid: 876
Minimum: 0
Maximum: 46

# from household roster (Roster OtherMembers) <br> File: ReplicationDataGhanaJDE 

## Overview

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

## from roster_3 (Roster_Age0to6) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 3412
Invalid: 1346

Valid cases: 4002
Invalid: 756

Width: 1
Decimals: 0
Range: 0-5

## from roster_3 (Roster_Age6to11) <br> File: ReplicationDataGhanaJDE

Overview
Type: Discrete
Valid cases: 3412
Format: numeric
Invalid: 1346
Width: 1
Decimals: 0
Range: 0-3
from roster_3 (Roster_Age12to18)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3412
Format: numeric
Invalid: 1346
Width: 1
Decimals: 0
Range: 0-4

# from roster_6 (Roster_Wage) <br> File: ReplicationDataḠhanaJDE 

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-4
from roster_3 (Roster_SelfEmp)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-8
(business_1c)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: character
Width: 40

Valid cases: 3412
Invalid: 1346

Valid cases: 3412
Invalid: 1346

Valid cases: 4344
Invalid: 0
(detailedbustype)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: character
Width: 50
(keepsaccounts)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1
(disc1)
File: ReplicationDataGhanaJDE
Overview

## (disc1)

## File: ReplicationDataGhanaJDE

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 5-15000

Valid cases: 4722
Invalid: 36
Minimum: 5
Maximum: 15000

## (disc1a)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4722
Format: numeric
Invalid: 36
Width: 5
Minimum: -730
Decimals: 0
Maximum: 15000

## Overview

Type: Continuous
Valid cases: 4722
Format: numeric
Invalid: 36
Width: 3
Minimum: 5
Decimals: 0
Maximum: 100
Range: 5-100

## (disc2) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1-5000

Valid cases: 4716
Invalid: 42
Minimum: 1
Maximum: 5000

## (disc2a)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 4
Minimum: -10
Decimals: 0
Range: -10-5000
(truncdisc2)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 1-100

Valid cases: 4716
Invalid: 42
Minimum: 1
Maximum: 100

## (hyper1)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(hyper2)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4704
Invalid: 54
Width: 1
Decimals: 0
Range: 0-1
(Discount1_Original)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4722
Width: 5
Decimals: 0
Invalid: 36
Minimum: 5
Maximum: 15000

Valid cases: 4758
Invalid: 0

## (Discount1_Revised) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4722
Format: numeric
Invalid: 36
Width: 5
Decimals: 0
Range: 5-14900

Minimum: 5
Maximum: 14900

## (Discount2_Original)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 4
Minimum: 1
Decimals: 0
Maximum: 5000

## (Discount2_Revised)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 4
Minimum: 1
Decimals: 0
Maximum: 4970
(Discount_MedianOriginal)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4722
Width: 1
Decimals: 0
Range: 0-1
(Discount_HyperbolicOriginal)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4704
Width: 1
Invalid: 54
Decimals: 0
Range: 0-1
(Discount_MedianTrimOriginal)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3918
Format: numeric
Invalid: 840

## Width: 1

Decimals: 0
Range: 0-1

## (Discount_HyperbolicTrimOriginal)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(Discount_MedianRevised)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(Discount_HyperbolicRevised)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4704
Width: 1
Decimals: 0
Range: 0-1
(Discount_MedianTrimRevised)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4062
Format: numeric
Invalid: 696

## Overview

Type: Discrete
Format: numeric Invalid: 966
(LandBuildings_OwnedRaw)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 0-120000000

Valid cases: 4597
Invalid: 161
Minimum: 0
Maximum: 120000000
(LandBuildings_OwnedFixed)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Valid cases: 4597

Range: 0-21000
(LandBuildings_TotalRaw)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4597
Width: 9
Decimals: 0
Invalid: 161

Range: 0-120000000
Minimum: 0
Maximum: 120000000
(LandBuildings_TotalFixed) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4597
Width: 5
Decimals: 0
Invalid: 161
Maximum: 21000
(OtherCapital_OwnedRaw)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Range: 0-700060

Valid cases: 4589
Invalid: 169
Minimum: 0
Maximum: 700060
(OtherCapital_OwnedFixed)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4589
Width: 4
Invalid: 169
Decimals: 0
Minimum: 0
Maximum: 7500
(OtherCapital_TotalRaw)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 6
Decimals: 0
Valid cases: 4589
Invalid: 169
Minimum: 0
Range: 0-700060
Maximum: 700060

## (OtherCapital_TotalFixed) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Valid cases: 4589
Invalid: 169
Minimum: 0
Range: 0-7500
Maximum: 7500
(OtherCapital_Revision) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-150

Valid cases: 4758
Invalid: 0
Minimum: 0
Maximum: 150

## (trimgroup)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 168
Format: numeric
Invalid: 4590
Width: 1
Decimals: 0
Range: 1-1
(timecash)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-4
(timeequip)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-4
(timetreat)
File: ReplicationDataGhanaJDE

## Overview

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

## (atreatcash_time1) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreatcash_time2) <br> File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

## (atreatcash time3)

File: ReplicationDataGhanaJDE

## Overview

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

## (atreatcash_time4) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreatequip_time1) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreatequip_time2) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreatequip_time3) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

## Width: 1

Decimals: 0
Range: 0-1

## (atreatequip time4) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreat_time1)

File: ReplicationDataGhanaJDE

## Overview

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

## (atreat_time2) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreat_time3) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreat time4) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1

## (inventories1) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-15000

Valid cases: 4459
Invalid: 299
Minimum: 0
Maximum: 15000

## (cashonhand1) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 3728
Width: 6
Decimals: 0
Minimum: 0
Maximum: 600000

## (inventoriescap) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 4409
Width: 4
Invalid: 349
Minimum: 0
Decimals: 0
Maximum: 3500

## (totalK) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4412
Format: numeric
Invalid: 346
Width: 5
Decimals: 0
Minimum: 0
Maximum: 15235

## (totalcap) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4364
Format: numeric
Invalid: 394
Width: 4
Decimals: 0
Range: 0-7550

Minimum: 0
Maximum: 7550

## (control)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(paidemployee)
File: ReplicationDataGhanaJDE
Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(businesshome)
File: ReplicationDataGhanaJDE

## Overview

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

## (akanspeaker) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (gaspeaker)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric

## Width: 1

Decimals: 0
Range: 0-1

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

## (everloan)

## File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0
(fem)

## File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

Scores for component 1 (assetindex) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 17
Minimum: -4.3
Decimals: 0
Maximum: 5.1
Range: -4.33964061737061-5.06258583068848

## (aindex) <br> File: ReplicationDataGhanaJDE

## Overview

| Type: Continuous | Valid cases: 4710 |
| :--- | :--- |
| Format: numeric | Invalid: 48 |
| Width: 17 | Minimum: -4.3 |
| Decimals: 0 | Maximum: 5.1 |

Range: -4.33964061737061-5.06258583068848
(baseprof)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 729
Format: numeric
Width: 15
Decimals: 0
Range: 0-4743.3798828125

Invalid: 4029
Minimum: 0
Maximum: 4743.4
(mbaseprof)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 15
Decimals: 0
Range: 0-4743.3798828125

Valid cases: 4374
Invalid: 384
Minimum: 0
Maximum: 4743.4

## (wave2prof)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 781
Format: numeric
Invalid: 3977
Width: 12
Minimum: 0
Decimals: 0
Maximum: 5386.6
Range: 0-5386.6171875

## (mwave2prof) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4686
Format: numeric
Invalid: 72
Width: 12
Minimum: 0
Decimals: 0
Maximum: 5386.6
Range: 0-5386.6171875

## (female)

## File: ReplicationDataGhanaJDE

## Overview

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

## (male)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric

## Width: 1

Decimals: 0
Range: 0-1

Valid cases: 4758
Invalid: 0
(maxprofgroup)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous Valid cases: 793
Format: numeric
Invalid: 3965
Width: 15
Minimum: 4.6
Decimals: 0
Maximum: 5386.6

## (minprofgroup)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 793
Format: numeric
Invalid: 3965
Width: 16
Decimals: 0
Minimum: 0
Range: 0-547.791564941406

## (lowgroup)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(mlowgroup)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1

## (highgroup)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1
(lowcapture)

## File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-1
(lowcapital)
File: ReplicationDataGhanaJDE

## Overview

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

## (atreatcashfemale) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreatequipfemale) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (atreatcashmale) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1

## (atreatequipmale)

File: ReplicationDataGhanaJDE

## Overview

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

## (wave2_female) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (wave3_female)

File: ReplicationDataGhanaJDE

## Overview

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

## (wave4_female) <br> File: ReplicationDataGhanaJDE

## Overview

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

## (wave5 female)

File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

Valid cases: 4758
Invalid: 0

## (wave6 female) <br> File: ReplicationDataGhanaJDE

Overview
Type: Discrete

Valid cases: 4758
Invalid: 0

Width: 1
Decimals: 0
Range: 0-1
expected sales 2 months from now (exp_sales_2months) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4692
Format: numeric
Invalid: 66
Width: 5
Minimum: 0
Decimals: 0
Maximum: 90000

# lowest expected sales in 2 months (low_sales_2months) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 5
Minimum: 0
Decimals: 0
Maximum: 90000
Range: 0-90000
highest expected sales in 2 months (high_sales_2months) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4704
Format: numeric
Invalid: 54
Minimum: 0
Maximum: 94000

# number of stones in box 1 (lowest) (exp_range1) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4296
Format: numeric
Invalid: 462
number of stones in box 2 (exp_range2)
File: ReplicationDataGhanaJDE
Overview
Type: Discrete Valid cases: 4308
Format: numeric
Invalid: 450
Width: 2
Decimals: 0
Range: 0-10
number of stones in box 3 (exp_range3)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4302
Format: numeric
Invalid: 456
Width: 2
Decimals: 0
Range: 0-10
number of stones in box 4 (exp_range4)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4284
Format: numeric
Invalid: 474
Width: 2
Minimum: 0
Decimals: 0
Maximum: 50
Range: 0-50
number of stones in box 5 (exp_range5)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4224
Format: numeric
Invalid: 534
Width: 2
Decimals: 0
Range: 0-10
number of stones in box 6 (highest) (exp_range6)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4134
Invalid: 624

Enumerator: did respondent understand expectations exercise? (exp_understood)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Invalid: 42
Width: 1
Decimals: 0
Range: 1-5

Do you believe that it is socially accepted for a WOMAN to work in CONSTRUCTION? (norm_const_female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4698
Format: numeric
Invalid: 60
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a MAN to work in CONSTRUCTION? (norm_const_male)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4506
Format: numeric
Invalid: 252
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a WOMAN to work in a CHOP SHOP? (norm_chopshop_female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4710
Format: numeric
Invalid: 48
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a MAN to work in a CHOP SHOP? (norm_chopshop_male)
File: ReplicationDataGhanaJDE

## Overview

Do you believe that it is socially accepted for a MAN to work in a CHOP SHOP? (norm_chopshop_male)
File: ReplicationDataGhanaJDE

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

Valid cases: 4500

Do you believe that it is socially accepted for a WOMAN to work in SEWING? (norm_sew_female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4680
Format: numeric
Invalid: 78
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a MAN to work in SEWING? (norm sew_male)
File: ReplicationD̄ataḠhanaJDE

## Overview

Type: Discrete
Valid cases: 4494
Format: numeric
Invalid: 264
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a WOMAN to work as a STREET VEND (norm_food_female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4704
Format: numeric
Invalid: 54
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a MAN to work as a STREET VENDOR (norm_food male)
File: ReplicationDataGhanaJDE

Do you believe that it is socially accepted for a MAN to work as a STREET VENDOR (norm_food_male)
File: ReplicationDataGhanaJDE
Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a WOMAN to work in a HAIR AND BE (norm_hair_female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a MAN to work in a HAIR AND BEAU (norm_hair_male)
File: ReplicationDataGhanaJDE

## Overview

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

Do you believe that it is socially accepted for a WOMAN to work as a MARKET TRAD (norm_trader_female)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4692
Format: numeric
Invalid: 66
Width: 1
Decimals: 0
Range: 0-2

Do you believe that it is socially accepted for a MAN to work as a MARKET TRADER (norm_trader_male)
File: ReplicationDataGhanaJDE

## Overview

# Do you believe that it is socially accepted for a MAN to work as a MARKET TRADER (norm trader male) <br> File: ReplicationDataGhanaJDE 

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

Valid cases: 3804
Invalid: 954

## total number of stones placed (should be 10) (total_stones) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3564
Format: numeric
Invalid: 1194
Width: 2
Minimum: 0
Decimals: 0
Maximum: 55
Range: 0-55

## Talking with customers? (timeuse_1) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4334
Format: numeric
Invalid: 424
Width: 3
Minimum: 0
Decimals: 0
Maximum: 100
Range: 0-100

Talking with suppliers of goods that you purchase regularly?
(timeuse_2)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

Valid cases: 4154
Invalid: 604
Minimum: 0
Maximum: 30

Talking with suppliers of equipment or other goods purchased less frequent? (timeuse_3)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3799
Format: numeric
Invalid: 959
Minimum: 0
Maximum: 10

Directing employees to perform tasks? (timeuse_4)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-40

Valid cases: 3822
Invalid: 936
Minimum: 0
Maximum: 40

Dealing with production issues, including the breakdown of machinery? (timeuse_5)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3811
Format: numeric
Invalid: 947
Width: 2
Minimum: 0
Decimals: 0
Maximum: 45

Valid cases: 3690
Invalid: 1068
Invalid: 1068

Format: numeric
Talking with inspectors, regulators or other government officials?
(timeuse_6)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Width: 2
Decimals: 0
Range: 0-12

Researching new products or potential product offerings?
(timeuse_7)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 3883
Format: numeric
Invalid: 875
Minimum: 0
Decimals: 0
Range: 0-10

## Talking with competitors? (timeuse_8)

File: ReplicationDataGhanaJDE

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-30

Valid cases: 4117
Invalid: 641
Minimum: 0
Maximum: 30

# Observing competitors businesses? (timeuse_9) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Continuous
Valid cases: 3973
Format: numeric
Invalid: 785
Width: 2
Minimum: 0
Decimals: 0
Maximum: 20
Range: 0-20

Number correct on Raven test (raven)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4668
Format: numeric
Invalid: 90
Width: 2
Decimals: 0
Range: 0-11

Total of hours reported on time use questions (timeuse_hours) File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-108

Valid cases: 3384
Invalid: 1374
Minimum: 0
Maximum: 108

Main reason businesses like yours fail (reason_fail)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4460
Format: numeric
Invalid: 298

Generally speaking would you say that most people can be trusted (trust gen)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4448
Format: numeric
Invalid: 310
Width: 1
Decimals: 0
Range: 0-1

How much do you trust your neighbors? (trust_neighbors)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4454
Format: numeric
Invalid: 304
Width: 1
Decimals: 0
Range: 1-4

How much do you trust people you meet for first time?
(trust_strangers)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4442
Format: numeric
Invalid: 316
Width: 1
Decimals: 0
Range: 1-4

How much do you trust the press? (trust_press)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4454
Format: numeric
Invalid: 304
Width: 1
Decimals: 0
Range: 1-4

How much do you trust the police? (trust_police)
File: ReplicationDataGhanaJDE

## Overview

How much do you trust the courts? (trust_courts)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4442
Format: numeric
Invalid: 316
Width: 1
Decimals: 0
Range: 1-4

How much do you trust the national government? (trust_nat_gov) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4460
Format: numeric
Invalid: 298
Width: 1
Decimals: 0
Range: 1-4

How much do you trust the district assembly? (trust_dist_assem) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4454
Width: 1
Decimals: 0
Range: 1-4

How much do you trust the municipal council? (trust_mun_coun) File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4454
Format: numeric
Invalid: 304
Width: 1
Decimals: 0
Range: 1-4

How much do you trust the revenue collection agencies? (trust_IRS)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4460
Format: numeric
Invalid: 298
Width: 1
Decimals: 0
Range: 1-4

Do you occupy a position of responsibility in the neighbourhood? (position_resp)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4301
Format: numeric
Invalid: 457
Width: 1
Decimals: 0
Range: 0-1

Does any other member of your household occupy a position of responsibility in t (position_hh_member)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4289
Format: numeric
Invalid: 469
Width: 1
Decimals: 0
Range: 0-1

How knowledgeable about business are you? (bus_knowledge)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4277
Format: numeric
Invalid: 481
Width: 1
Decimals: 0
Range: 1-5

# Married? asked in round 4 (married_4) <br> File: ReplicationDataGhanaJDE 

## Overview

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

The profits of enterprise higher because of spouse's (fam) involvement (barg_prof_higher)
File: ReplicationDataGhanaJDE

## Overview

# The profits of enterprise higher because of spouse's (fam) involvement (barg_prof_higher) <br> File: ReplicationDataGhanaJDE 

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

Valid cases: 4061
Invalid: 697

My spouse (fam) helps to run my enterprise (barg_help_run)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4018
Format: numeric
Invalid: 740
Width: 1
Decimals: 0
Range: 1-5

Because of spouse (fam) efforts in business, business do well in future (barg_bright_future)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4072
Format: numeric
Invalid: 686
Width: 1
Decimals: 0
Range: 1-5

Not hold cash or inventories because too easy for household members to take (barg_take_cash)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4235
Format: numeric
Invalid: 523
Width: 1
Decimals: 0
Range: 1-5

Have more control over assets in business than over money at home (barg_more_control)
File: ReplicationDataGhanaJDE

Have more control over assets in business than over money at home (barg_more_control)
File: ReplicationDataGhanaJDE

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

Valid cases: 4283
Invalid: 475

Hard not to spend business capital on personal expenses (barg_spend_prof)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4301
Format: numeric Invalid: 457
Width: 1
Decimals: 0
Range: 1-5

Equipment less likely to be captured than cash or inventories (barg_equip_safer)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4229
Format: numeric
Invalid: 529
Width: 1
Decimals: 0
Range: 1-5

Respondent makes decisions on food purchases by him/herself (hhdec_food youalone)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4108
Format: numeric
Invalid: 650
Width: 1
Decimals: 0
Range: 0-1

Respondent makes decisions on routine household purchases by him/herself (hhdec_routinehh youalone)
File: ReplicationDataGhanaJDE

Respondent makes decisions on routine household purchases by him/herself (hhdec_routinehh youalone)
File: ReplicationDataGhanaJDE

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

Valid cases: 4120
Invalid: 638

Respondent makes decisions on own clothes purchases by
him/herself (hhdec_clothes youalone)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4265
Format: numeric
Invalid: 493
Width: 1
Decimals: 0
Range: 0-1

Respondent makes decisions on children's clothes purchases by him/herself (hhdec_childclothes_youalone)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 3532
Format: numeric
Invalid: 1226
Width: 1
Decimals: 0
Range: 0-1

Respondent makes decisions on transfers to his/her parents by him/herself (hhdec_parents_youalone)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4084
Format: numeric
Invalid: 674
Width: 1
Decimals: 0
Range: 0-1

Respondent makes decisions on business equipment purchases by him/herself (hhdec_busequip youalone)
File: ReplicationDataGhanaJDE

Respondent makes decisions on business equipment purchases by him/herself (hhdec_busequip youalone)
File: ReplicationDataGhanaJDE

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

Valid cases: 4205
Invalid: 553

Respondent makes decisions on reinvestment of business profit by him/herself (hhdec_busprof youalone)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4271
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Household alcohol purchases 'Does not apply'
(hhdec_alcohol_doesnotapply)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4301
Format: numeric
Invalid: 457
Width: 1
Decimals: 0
Range: 0-1

Respondent is involved in decisions on household alcohol purchases (hhdec_alcohol_you)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4301
Format: numeric
Invalid: 457
Width: 1
Decimals: 0
Range: 0-1

Others in household are involved in decisions on household alcohol puchases (hhdec_alcohol_other)
File: ReplicationDataGhanaJDE

# Others in household are involved in decisions on household alcohol puchases (hhdec_alcohol_other) <br> File: ReplicationDataGhanaJDE 

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

Valid cases: 4301
Invalid: 457

How much would I have to give you spouse rather than giving you 100 GhC (barg_spouse_re100)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 2902
Format: numeric
Invalid: 1856
Width: 5
Minimum: 0
Decimals: 0
Maximum: 10000

Valid cases: 4176
Invalid: 582
Minimum: 0
Maximum: 24

How many years of education did your father complete? (schooling_father)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric

How many years of education did your mother complete? (schooling_mother)
File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4206
Invalid: 552
Minimum: 0
Maximum: 28

Did you live in Ghana at age 6 (or another country)? (ghana_age6) File: ReplicationDataGhanaJDE

[^7]
# Did you live in Ghana at age 6 (or another country)? (ghana_age6) File: ReplicationDataGhanaJDE 

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

Valid cases: 4212
Invalid: 546

Where did you live at age 6 (numeric)? (lived_age6)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4230
Format: numeric
Invalid: 528
Width: 1
Decimals: 0
Range: 1-5
(lastnm) Apprentices (Apprentices)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4494
Format: numeric
Invalid: 264
Width: 2
Minimum: 0
Decimals: 0
Maximum: 45
(lastnm) UnpaidFamily (UnpaidFamily)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4410
Invalid: 348
Format: numeric
Width: 1
Decimals: 0
Range: 0-6
(lastnm) PaidEmployees (PaidEmployees)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4392
Format: numeric
Invalid: 366
Width: 2
Decimals: 0
Range: 0-12
(lastnm) MarriedConsensualBaseline (MarriedConsensualBaseline) File: ReplicationDataGhanaJDE

## Overview

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

Valid cases: 4746
Invalid: 12
(lastnm) OwnAssetsBrought (OwnAssetsBrought)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 5
Minimum: 0
Decimals: 0
Maximum: 30600
Range: 0-30600
(lastnm) SpouseAssetsBrought (SpouseAssetsBrought)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 5
Minimum: 0
Decimals: 0
Maximum: 80060
Range: 0-80060
(lastnm) OwnMarriageAge (OwnMarriageAge)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 15-52

Valid cases: 2994
Invalid: 1764
Minimum: 15
Maximum: 52
(lastnm) SpouseMarriageAge (SpouseMarriageAge)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 15-70

Valid cases: 2676
Invalid: 2082
Minimum: 15
Maximum: 70

# (lastnm) OwnOperatingBusiness (OwnOperatingBusiness) 

File: ReplicationDataGhanaJDE
Overview

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

Valid cases: 3900
Invalid: 858
(lastnm) SpouseOperatingBusiness (SpouseOperatingBusiness) File: ReplicationDataGhanaJDE

## Overview

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

## (TotalAssetsBrought)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Valid cases: 4758
Invalid: 0
Minimum: 0
Range: 0-80060
Maximum: 80060

## (OwnAssetsShare)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 0-100

Valid cases: 2322
Invalid: 2436
Minimum: 0
Maximum: 100
(OwnEduc)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 2010
Format: numeric
Invalid: 2748
Width: 2
Decimals: 0
Range: 0-18
(SpouseEduc)
File: ReplicationDataGhanaJDE
Overview
Type: Discrete
Valid cases: 2058
Format: numeric
Invalid: 2700
Width: 2
Decimals: 0
Range: 0-20
(DiffEduc)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 2010
Format: numeric
Invalid: 2748
Width: 3
Minimum: -15
Decimals: 0
Maximum: 15
Range: -15-15

## (OtherHouseholdIncome) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4758
Format: numeric
Invalid: 0
Width: 4
Minimum: 0
Decimals: 0
Maximum: 1400

# (sum) OwnsBusiness (R6OtherHouseholdBusiness) <br> File: ReplicationDataGhanaJDE 

## Overview

Type: Discrete
Valid cases: 4638
Format: numeric
Invalid: 120
Width: 1
Decimals: 0
Range: 0-4

## (MarriageAgeSelf)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 16-52

Valid cases: 2586
Invalid: 2172
Minimum: 16
Maximum: 52

## (MarriageAgeSpouse)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 15-70

Valid cases: 2436
Invalid: 2322
Minimum: 15
Maximum: 70

## (MarriageLandBuildSelf)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Valid cases: 2286
Invalid: 2472
Minimum: 0
Maximum: 30000
(MarriageLandBuildSpouse)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 0-60000
(MarriageConsumerSelf)
File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-4000

## (MarriageConsumerSpouse)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 2124
Format: numeric
Invalid: 2634
Width: 4
Decimals: 0
Range: 0-6000

Valid cases: 2244
Invalid: 2514
Minimum: 0
Maximum: 60000

## (MarriageCashSelf)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-8000

Valid cases: 1992
Invalid: 2766
Minimum: 0
Maximum: 8000
(MarriageCashSpouse)
File: ReplicationDataGhanaJDE
Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 0-2000

Valid cases: 1656
Invalid: 3102
Minimum: 0
Maximum: 2000

## (TotalAssetsSelf)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Format: numeric
Valid cases: 1920
Width: 5
Invalid: 2838

Decimals: 0
Minimum: 0
Maximum: 30600

## (TotalAssetsSpouse) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 1620
Format: numeric
Invalid: 3138
Width: 5
Decimals: 0
Minimum: 0
Range: 0-61500
Maximum: 61500

## (SpouseMoreAssets) <br> File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 1596
Format: numeric
Invalid: 3162

## Width: 1

Decimals: 0
Range: 0-1
(Spouse50PercentMoreAssets)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 1596
Format: numeric
Invalid: 3162
Width: 1
Decimals: 0
Range: 0-1
(HouseholdSize)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4716
Format: numeric
Width: 2
Decimals: 0
Range: 0-12
(sum) SpouseEmployedEarning (SpouseEmployedEarning)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 3102
Width: 1
Invalid: 1656
Decimals: 0
Range: 0-1
(sum) OwnsBusiness (OtherHouseholdBusiness)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4758
Width: 1
Decimals: 0
Range: 0-8

Whenever I have money on hand, my spouse or other family members always end up r (norms_7)
File: ReplicationDataGhanaJDE

## Overview

People who do well in their business here are likely to receive additional reque (norms_8)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4740
Format: character
Invalid: 0
Width: 26

Machines and equipment held in my business are a good way of saving money so tha (norms_9)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4734
Format: character
Invalid: 0
Width: 26

Without the income earned in my business, my household would have a hard time ha (norms_12)
File: ReplicationDataGhanaJDE

## Overview

Format: character

$$
\text { Invalid: } 0
$$

Width: 26
(household_5h)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Valid cases: 4200
Format: character
Invalid: 0
Width: 21
(belongf)
File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 4638
Invalid: 120

## (drink)

## File: ReplicationDataGhanaJDE

## Overview

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

## (noimpulse1)

File: ReplicationDataGhanaJDE

## Overview

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

## (noimpulse2)

## File: ReplicationDataGhanaJDE

## Overview

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

## (jointown)

File: ReplicationDataGhanaJDE

## Overview

Type: Discrete
Format: numeric
Valid cases: 3636
Width: 1
Decimals: 0
Range: 0-1

## (numsib)

File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4164
Format: numeric
Invalid: 594
Width: 17
Decimals: 0
Range: -5.80812311172485-21.1918773651123

Valid cases: 4638
Invalid: 120

Valid cases: 4638
Invalid: 120

Valid cases: 4638
Invalid: 120

Invalid: 1122

## (sibsAccra)

## File: ReplicationDataGhanaJDE

## Overview

Type: Continuous
Valid cases: 4068
Format: numeric
Invalid: 690
Width: 17
Minimum: -2.7
Decimals: 0
Maximum: 21.3

Firm identifying number (sheno)
File: r7tomerge

## Overview

Type: Continuous
Valid cases: 793
Format: numeric
Invalid: 0
Width: 9
Minimum: 110101604
Decimals: 0
Maximum: 370802607

## Real final profit (realfinalprofit)

File: r7tomerge

## Overview

Type: Continuous
Valid cases: 562
Format: numeric
Invalid: 231
Width: 16
Minimum: 0
Decimals: 0
Maximum: 3718.4

## agreed to be interviewed in round 7 (accept) <br> File: r7tomerge

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

## Survived in round 7 (surviver7)

File: r7tomerge

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

Capital Stock (totalK)
File: r7tomerge

## Overview

| Type: Continuous | Valid cases: 766 |
| :--- | :--- |
| Format: numeric | Invalid: 27 |
| Width: 5 | Minimum: 0 |
| Decimals: 0 | Maximum: 50050 |
| Range: $0-50050$ |  |

## Survey wave (wave)

File: r7tomerge
Overview
Type: Discrete
Valid cases: 793
Format: numeric Invalid: 0
Width: 1
Decimals: 0
Range: 7-7

Male in a male dominated industry (male_male)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Female in a female dominated industry (female_female)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

Male in a mixed gender industry (male_mixed)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

Female in a mixed gender industry (female_mixed)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

High capture (highcapture)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

High baseline capital (highcapital)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Invalid: 0

Randomization Strata (groupnum)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 6
Decimals: 0
Range: 101-160005

## Ever assigned to Cash treatment (cashtreat) <br> File: TreatmentAssignment

## Overview

Type: Discrete
Format: numeric
Valid cases: 793
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

## Ever assigned to Equipment treatment (equiptreat) <br> File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

## Assigned to Early treatment group (after round 2) (earlytreat) File: TreatmentAssignment

## Overview

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

Valid cases: 793
Invalid: 0

# Ever assigned to treatment (assigntreat) 

File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Width: 1
Decimals: 0
Range: 0-1

Firm identification number (sheno)
File: TreatmentAssignment

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 9
Decimals: 0
Range: 110101604-370802607

# Assigned to Late treatment group (after round 4) (latetreat) File: TreatmentAssignment 

## Overview

Type: Discrete
Valid cases: 793
Format: numeric
Invalid: 0
Width: 1
Decimals: 0
Range: 0-1

## Related Materials

## Questionnaires

Ghana Microenterprise Questionnaire - Round 1

```
Title Ghana Microenterprise Questionnaire - Round 1
Language English
Filename Round1SurveyRevised.pdf
```


## Ghana Microenterprise Questionnaire - Round 2

Title Ghana Microenterprise Questionnaire - Round 2
Language English
Filename Round2SurveyRevised.pdf

## Ghana Microenterprise Questionnaire - Round 3

Title Ghana Microenterprise Questionnaire - Round 3
Language English
Filename Round3SurveyRevised.pdf

## Ghana Microenterprise Questionnaire - Round 4

```
Title Ghana Microenterprise Questionnaire - Round 4
Language English
Filename Round4SurveyRevised.pdf
```

Ghana Microenterprise Questionnaire - Round 5

```
Title Ghana Microenterprise Questionnaire - Round 5
Language English
Filename Round5SurveyRevised.pdf
```

Ghana Microenterprise Questionnaire - Round 6
Title Ghana Microenterprise Questionnaire - Round 6
Language English
Filename Round6SurveyRevised.pdf

## Reports

## Finance \& PSD Impact: Capital, Gender, and Microenterprise Growth in Ghana

Title Finance \& PSD Impact: Capital, Gender, and Microenterprise Growth in Ghana
Author(s) Marcel Fafchamps, David McKenzie, Simon Quinn and Christopher Woodruff
Language

Publisher(s) Finance \& PSD Impact, The Lessons from DECFP Impact Evaluations June 2011, Issue 14
Filename IN14.pdf

## Microenterprise Growth and the Flypaper Effect: Evidence from a Randomized Experiment in Ghana

Title Microenterprise Growth and the Flypaper Effect: Evidence from a Randomized Experiment in Ghana
Author(s) Marcel Fafchamps, David McKenzie, Simon Quinn and Chris Woodruff
Date 2013-07-01
Language English
Publisher(s) Journal of Development Economics, 106: 211-226
Filename JDE2ndRevision.pdf

## Other materials

## Replication Stata Do File

## Title Replication Stata Do File

Language English
Stata do file used to replicate the main tables in the paper Marcel Fafchamps, David McKenzie, Simon Quinn Description and Chris Woodruff (2013) "Microenterprise Growth and the Flypaper Effect: Evidence from a Randomized Experiment in Ghana" Journal of Development Economics, 106: 211-226.
Filename
JDEreplicationfilesGhana.do


[^0]:    Literal question
    For how many days was the business closed because you were ill? (business_12a)

[^1]:    Valid cases: 881

[^2]:    Valid cases: 886
    Invalid: 0

[^3]:    R2 Int Date (tracking_r2intdate) File: GhanaRound2Single_la

    ## Overview

    Invalid: 0

[^4]:    Valid cases: 45

[^5]:    Literal question
    Apart from yourself, who would know if your business had a very profitable month - much more profitable than usual? Would EXTENDED FAMILY MEMBERS know? (reciprocity_12)

[^6]:    Literal question
    When you earn more than usual in your business, what do you do with the additional money? Would you.. Increase savings in cash?

[^7]:    Overview

