

Data Dictionary (Version 2)

SOMALIA

**High Frequency Survey (HFS),
2016**

**ECONOMIC
RESEARCH
FORUM**



**منتدى
البحوث
الاقتصادية**

OPEN ACCESS MICRO DATA INITIATIVE (OAMDI)
*for the Arab Countries,
Iran and Turkey*

DATA DICTIONARY (Version 2), Somalia, HFS 2016

Important notes:
 - All text in blue indicate formulas generated by ERF
 - All text in green represent a recommendation
 - All cells shaded in orange indicate country specific information, standard values generated by ERF or values of a scale variable
 - All cells shaded in green, blue or purple indicate different levels of expenditure/income aggregates
 - All cells shaded in light blue indicate new variables or those added to include detailed/composite coding
 - Under column "Key":
 -A: indicates a variable that is available in/can be generated from the survey dataset
 -/: indicates a variable that is not available in/cannot be generated from the survey dataset

| Variable Name | Variable Label | Contents | General Comments / Warnings <i>/Formula- if ERF generated</i> <i>/Recommendations</i> | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|----------------|----------|---|---------------|--------------------------------------|--------------------------------|----------|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |

FILE LEVEL: ALL
 IDEAL UNIVERSE: ALL OBSERVATIONS
 CATEGORY: IDENTIFICATION (FILE INFORMATION)

| | | | | | | | | | | |
|---------|------------------------|--|--|---------------------------|--|--|---------|---|--------------------|--|
| COUNTRY | Country | A numeric variable representing the country and coded following UN recent country classification in Dec. 2012. | This variable exists in both the household and the individual file and is necessary when concatenating files from different datasets. Use this variable when concatenating files from different datasets. | Numeric discrete variable | | | All HHs | A | | Generated by ERF |
| YEAR | Survey Year | Year during which the survey was performed | This variable exists both in the household and the individual file and is necessary when concatenating files from different datasets. Use this variable when concatenating files from different datasets. | Ordered discrete variable | | | All HHs | A | | Generated by ERF |
| CASESER | Unique unit identifier | Sequential anonymous household identifier usually provided in the dataset | This variable exists both in the household and individual file and is necessary when merging the two files. This identifier is unique only within each country/year dataset; when combining different countries or years it is necessary to use it in combination with the variables COUNTRY and YEAR in order to uniquely identify households. When merging household and individual level files from the same dataset, use this variable to link each individual to the right household. | Ordered discrete variable | | | All HHs | A | strata ea hh | A household unique identifier was generated by ERF using the variables identifying the strata, enumeration area, and household ID. |

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|---|-----------------------------------|--|--|---------------------------------------|---|-----------------------------------|----------|-----|-------------------------------------|---|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| HOUSEHOLD COMPOSITION AND CHARACTERISTICS | | Gives information on the household composition and characteristics such as the number of children, their age and gender. The dwelling conditions the access to public facilities ... | | | | | | | | |
| FILE LEVEL: HOUSEHOLD | | | | | | | | | | |
| IDEAL UNIVERSE: ALL HOUSEHOLDS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: AT PRESENT | | | | | | | | | | |
| CATEGORY: FILE INFORMATION | | | | | | | | | | |
| HWEIGHT | Household weight | Data provider household weight | The household weight can correct just for sample bias, or also for non-sampling errors (such as response bias and adjustment to population distribution). In many cases, the weight is a population weight, which means that the weight will inflate the result to reflect the total population. We strongly recommend that all statistical analysis be performed using the data weights | Continuous variable | | | All HHS | A | weight weight_adj weight_cons | Three weight variables were provided in the raw data: one reported as the unadjusted HH weight, another is the adjusted HH weight and the third is the adjusted weight for the bottom 25% HHS. The description of different weight variables is available in the technical appendix published among the survey external resources. All 3 weight variables are made available in the harmonized data file. |
| REG | Region | Region of residence | | Categorical variable | | | All HHS | A | reg_pess | |
| AREA | Area | Second geographical variable identifying another aspect of the location of the unit not described in REG such as city or village | | Categorical variable | | | All HHS | / | | |
| RURURB | Urban/Rural residence | Indicates whether the region is urban/rural | In case the country has refugee camps (as in Palestine), the "refugee camp" category is coded "2" | Harmonized categorical/dummy variable | 0 Rural 1 Urban 2 Refugee camps | 2 Rural 1 Urban 3 IDP camps | All HHS | A | type | Camps for "Internally Displaced Persons (IDP)" were recoded 2, following the same code and label in other countries, denoting refugee camps. |
| HNUM | Number of persons | Total number of persons in the household (including children or any other individuals not included in individual-level survey for any reason) | In general Σ over all individuals in household If the individual file does not include all household members, the variable is constructed directly from household level original information FEMLNUM+MALNUM = HNUM | Ordered discrete variable | | | All HHS | A | | Generated by ERF |
| MALNUM | Number of Males | Total number of Males in the household (including children) | | | | | All HHS | A | gender | Generated by ERF |
| FEMLNUM | Number of Females | Total number of females in the household (including children) | | | | | All HHS | A | gender | Generated by ERF |
| CH14 | Number of persons under age 14 | Number of persons under age 14 living in the household | This includes (ever) married children as well as heads and spouses under fourteen. If the individual file does not include all household members, the variable is constructed directly from household level original information | | | | All HHS | A | age | Generated by ERF |
| NUM65 | Number of persons aged 65 or more | Number of household members aged 65 or more including head and spouse. | If the individual file does not include all household members, the variable is constructed directly from household level original information | | | | All HHS | A | age | Generated by ERF |
| HCOMP | Household composition | Indicates the composition of the household with the number of adults and of children using standardized family models: 2 adults no children, 2 adults 1-2 children etc.. | This variables might not exist in all surveys and can be constructed using the information in the household and individual files. In case the variable is generated, the adult is defined as either a: - HH member aged 18 years or older - HH head even if aged less than 18 years - a married HH member even if aged less than 18 years | Harmonized categorical variable | 1 1-2 adults, no children 2 1-2 adults, 1-2 children 3 1-2 adult, 3 or more children 4 3 or more adults, 0-1children 5 3 or more adults, 2-3 children 6 3 or more adults, 4 or more children | | All HHS | A | gender age | Generated by ERF |
| MARRIED | Head living in couple | Standardized code that indicates whether the head of the household has a partner and the type of partnership | The head may cohabit with his mother or sister and in this case the concept of No couple applies. Another possible status is when the head has several spouses. Here a problem should exist if the spouses live in different houses so two different households may have the same head. Generated from individual files | Harmonized categorical variable | 0 No couple present in household 1 Married couple head and spouse 2 Several cohabiting spouses | | All HHS | A | marital_status age | Generated by ERF |

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|---|--|--|--|---------------------------------|--|--|----------|-----|--|---|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| EARN | Number of earners | Number of household members who receives any earnings. | All individuals who have received any earnings during the reference period, only a subset may have been in employment at the time of the survey. If the individual file does not include all household members, or if incomes are not available at the individual level, the variable is constructed either from other individual level variables (e.g. employment status), or directly from household level original information. Pensioners and any individual receiving any kind of income is considered as earner. | Ordered discrete variable | | | All HHS | A | employ_hh business_own | Generated by ERF by summing the total number of household members who were working during the week preceding the survey and reported to have earned any income in addition to the number of those who reported having their own business. |
| INCS | Source of income | Main income source of the household | This variable may not exist in most of the surveys but can be constructed from the individual files | Harmonized categorical variable | 10 Household business | 3 Savings, interest or other investments 6 Revenues from sales of Assets 7 Small family business 8 Other small family business 9 Trade in domestic goods/products 10 Trade in foreign goods/products (export or import) | All HHS | A | main_income_source | |
| | | | | | 20 Salaries and wages | 1 Salaried Labor | | | | |
| | | | | | 30 Remittances from country or abroad | 2 Remittances from abroad 5 Family assistance from within this country | | | | |
| | | | | | 40 Pensions | 4 Pensions | | | | |
| | | | | | 50 Other | 11 NGO or foreign aid 12 None | | | | |
| HHTYPE | Household type | Identifying collective and non-collective households | <u>Collective households are composed of a number of non-residents, having the same gender, living together, and are all employed. No head is identified for collective households, and the relationship to head variable will be recoded missing for all household members</u> Non-collective households are mostly residents having the regular structure of a family (Head, spouse,etc) | Dummy variable | 0 Non-collective | | All HHS | / | | |
| | | | | | 1 Collective | | | | | |
| DWLTYP | Type of dwelling [Standardized version] | Type of the dwelling | This variable mainly distinguishes between villa, apartments and others "House" includes traditional, modern or Arabic house etc. "Villa" includes palace, villa or a floor in a villa, duplex etc. "Other" includes clay/reed house, primitive house, caravan etc. | Harmonized categorical variable | 1 House | 3 Separated house 4 Shared house (with other households) | All HHS | A | house_type | |
| | | | | | 2 Villa | | | | | |
| | | | | | 3 Apartment | 1 Apartment (not attached to other apartments) 2 Shared apartment (with other households) | | | | |
| | | | | | 4 Others | 5 Bus/bas (hut larger than Bul often made with wood and plastic) 6 Carish (mud hut) 7 Unoccupied Building (squatter settlement) 1000 Other | | | | |
| DWLTYP_D | Type of dwelling [Detailed version] | Type of the dwelling | This variable is the detailed version of the above type of dwelling variable (DWLTYP), it mainly distinguishes between different types of houses, villas, apartments and other residential units. | Harmonized categorical variable | 100 House | 3 Separated house 4 Shared house (with other households) | All HHS | A | house_type | |
| | | | | | 110 Countryside house | | | | | |
| | | | | | 120 Arabic house | | | | | |
| | | | | | 130 Traditional house | | | | | |
| | | | | | 140 Modern house | | | | | |
| | | | | | 150 Public or part of a public house | | | | | |
| | | | | | 160 Small house (part of a villa) | | | | | |
| | | | | | 170 House in an agency | | | | | |
| | | | | | 180 House built in bricks or rocks or concrete | | | | | |
| | | | | | 190 "1" Floor building | | | | | |
| | | | | | 200 Villa | | | | | |
| | | | | | 210 Villa or floor in a villa | | | | | |
| | | | | | 220 Part of a villa | | | | | |
| | | | | | 230 Palace | | | | | |
| | | | | | 300 Apartment | 1 Apartment (not attached to other apartments) 2 Shared apartment (with other households) | | | | |
| | | | | | 310 More than one apartment | | | | | |
| | | | | | 320 Studio | | | | | |
| | | | | | 400 Others | 7 Unoccupied Building (squatter settlement) 1000 Other | | | | |
| | | | | | 410 One or more separate room | | | | | |
| | | | | | 420 One or more room in a housing unit | | | | | |
| 430 Tent, hut, shack, slum, grotto, shebra, caravan, Barakia (marginal), .. | 5 Bus/bas (hut larger than Bul often made with wood and plastic) | | | | | | | | | |
| 440 Clay or reed house | 6 Carish (mud hut) | | | | | | | | | |
| 450 Other place not suitable for residence | | | | | | | | | | |

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| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| DWLTEN | Tenure of dwelling [Standardized version] | Type of tenure | This variable distinguishes between owned or rented living quarters. | Harmonized categorical variable | 1 Rented 2 Owned 3 Provided free 4 Others | 1 Rent 2 Own 4 Occupy with permission 3 Occupy without permission 1000 Other | All HHs | A | house_ownership | |
| DWLTEN_D | Tenure of dwelling [Detailed version] | Type of tenure | This variable distinguishes between different types of owned, rented, provided free or other forms of tenure for living quarters. | Harmonized categorical variable | 100 Rented 110 Unfurnished rent 120 Furnished rent 130 Old law rent 140 New law rent 150 Rent with key money 200 Owned 210 Unit owned (privately or jointly) 220 Unit bought 230 In the process of being acquired 240 Mortgage with or without rent 300 Provided free 310 Provided free by employer, by work 320 Subsidized rent, without payment, from work 330 Gift/granted 340 In-kind benefit 350 Without payment 400 Others 410 Free agreement 420 No agreement 430 Provided for work | 1 Rent 2 Own 4 Occupy with permission 1000 Other 3 Occupy without permission | All HHs | A | house_ownership | |
| ROOM | Number of rooms | Number of rooms excluding bathroom and kitchen | In some surveys there is no indication whether the bathroom and kitchen are counted in the number of rooms or not, we assume they are excluded | Ordered discrete variable | | | All HHs | / | | |
| ELECT | Electrified | Indicates if the dwelling is electrified or not | This variable is often generated from the source of lighting. Using private generator is considered as electrified. | Dummy variable | 0 No 1 Electrified | | All HHs | / | | |
| SLIGHT | Source of energy for lighting | Distinguish between public and private sources of electricity and other sources of lighting | Private electricity includes community and private generators and cooperative networks "Others" may include sources that are presented independently in the standardized value if the survey is not enough detailed (example it may include gas and kerosene) | Harmonized categorical variable | 0 No lighting 1 Public network 2 Private 3 Gas 4 Kerosene 5 Others | | All HHs | / | | |

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| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| SCOOK | Source of energy for cooking | Distinguish between different sources of energy for cooking | | Harmonized categorical variable | 0 No cooking 1 Electricity 2 Gas 3 Kerosene 4 Wood & coal 5 Others | 5 Multiple plate electric stove 6 Single plate electric stove 3 Gas stove with pipe supply 4 Gas stove with tanks 1 Stove burning wood 2 Stove burning charcoal 1000 Other | All HHs | A | cooking | |
| WAT | Water facilities | Indicates from where the household get its drinking water | This variable indicates the main source of drinking water. Piped supply includes public and private networks; public tap includes fountains and springs; wells are either with or without pumps private or public etc. Tanker includes purchased water indoor or outdoor; other includes lakes, rivers, rainwater etc. | Harmonized categorical variable | 1 Piped supply 2 Public tap 3 Well 4 Tanker 5 Other | 1 Piped water into home 2 Piped water into compound 3 Public tap 7 Protected spring 8 Unprotected spring 4 Tube well/borehole 5 Protected dug well 6 Unprotected dug well 10 Bottled water 11 Cart with small tank/drum 12 Tanker-truck 9 Rainwater collection 13 surface water (river, dam, lake, pond, stream, canal, ...) 1000 Other | All HHs | A | drink_water | |
| TFACIL | Transportation facilities | Indicates the proximity to public transportation | This variable indicates the distance range to public transportation In case we have different ordinal variables indicating proximity different transportation means (separately) such to taxi, bus, etc. we take the average. | Harmonized categorical variable | 1 Less than 1 km 2 1-5 km 3 More than 5 km | | All HHs | / | | |
| SFACIL | Schooling facilities | Indicates the proximity to schools/universities | This variables is a summary of variables indicating the distance to elementary school, university etc. In case we have different ordinal variables indicating proximity to different education establishments (separately) such to elementary schools, secondary schools, etc. we take the average. | Harmonized categorical variable | 1 Less than 1 km 2 1-5 km 3 More than 5 km | | All HHs | / | | |
| HFACIL | Health facilities | Indicates the proximity to health centers and hospitals | This variables is a summary of variables indicating the distance to health centre and hospital In case we have different ordinal variables indicating proximity to different health establishments (separately) such to private doctors, hospitals health centers, etc. we take the average. | Harmonized categorical variable | 1 Less than 1 km 2 1-5 km 3 More than 5 km | | All HHs | / | | |
| TOIF | Toilet facility | Indicates whether the household has access to toilet facility | In case we don't have information on the connection to sewage system but we do know if the toilet is inside or outside the dwelling we can consider toilets outside the dwelling as not connected to sewage (option 2). | Harmonized categorical variable | 1 Yes and connected to sewage 2 Yes but not connected to sewage 3 No facility | 1 Water closet (flush) 3 Public toilet 2 Pit latrine 1000 Other 4 Open space | All HHs | A | toilet_type | |
| TOIF_SH | Toilet facility shared | Indicates whether the household shares the toilet facility or no | In case we don't have information on whether the toilet is shared or no but we do know if the toilet is inside or outside the dwelling we can consider that all toilets outside the dwelling are shared toilets | Harmonized categorical variable | 1 Private toilet 2 Shared toilet 3 No toilet facility | | All HHs | / | | |

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|---------------|---|---|---|---------------------------------------|---|-----------------------------------|------------------------------|-----|--|--|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| GRBG_DSP | Garbage disposal method | Indicates the method the household uses for garbage disposal | | Harmonized categorical variable | 100 Collected | | All HHs | / | | |
| | | | | | 110 Collected by a garbage collector | | | | | |
| | | | | | 120 Collected by a private company | | | | | |
| | | | | | 130 Collected by government services | | | | | |
| | | | | | 200 Thrown in a public bin | | | | | |
| | | | | | 210 Thrown in a closed public bin | 2 Skip bin closed | | | | |
| | | | | | 220 Thrown in an unclosed public bin | 1 Skip bin open | | | | |
| | | | | | 300 Thrown in a garbage area | | | | | |
| | | | | | 400 Thrown in the streets | | | | | |
| | | | | | 500 Thrown randomly | | | | | |
| | | | | | 600 Burnt | 5 Burning | | | | |
| | | | | | 700 Other | 6 Other | | | | |
| | | | | | 710 Heap | 4 Heap | | | | |
| | | | | | 720 Pit | 3 Pit | | | | |
| 730 Recycled | | | | | | | | | | |
| CAR | Has a car, van, taxi, cart, etc ... | Indicates if the household owns or has free access to a car, van, taxi, cart ... or any other type of vehicles | | Dummy variable | 0 None | | All HHs | A | own.35 own.36 | Includes: Car or mini-bus |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| CAR_N | Number of cars, vans, taxies, carts, etc ... | Indicates the number of cars, taxies, carts ... or any other type of vehicles the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.35 own_n.36 | |
| TRUCK | Has a truck, tractor, etc ... | Indicates if the household owns or has free access to truck, tractor, etc... | | Dummy variable | 0 None | | All HHs | A | own.37 | Includes: Lorry |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| TRUCK_N | Number of trucks, tractors, etc ... | Indicates the number of trucks, tractors, etc.. the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.37 | |
| MBCYCLE | Has bicycle, scooter, motorcycle, etc... | Indicates if the household owns or has free access to bicycle, scooter, motorcycle, etc... | | Dummy variable | 0 None | | All HHs | A | own.34 | Includes: Motorcycle/scooter |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| MBCYCLE_N | Number of bicycles, scooters, motorcycles, etc... | Indicates the number of bicycles, scooters, motorcycles, etc... the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.34 | |
| TELV | Has a TV, LCD, LED, etc... | Indicates if the household owns or has free access to a TV, LCD, LED, etc.. | | Dummy variable | 0 None | | All HHs | A | own.28 | Includes: Television |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| TELV_N | Number of TVs, LCDs, LEDs, etc... | Indicates the number of TVs, LCDs, LEDs, etc... the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.28 | Number of TV owned reached 80 TVs for 4 households. This is probably a data entry mistake, however no corrections could be done. |
| RADIO | Has radio or radio- cassette | Indicates if the household owns or has free access to a radio or radio- cassette | | Dummy variable | 0 None | | All HHs | A | own.26 | Includes: Radio (wireless) |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| RADIO_N | Number of radios or radio-cassettes | Indicates the number of radios radio-cassettes the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.26 | |
| SATD_REC | Has satellite dish, receiver, etc... | Indicates if the household owns or has free access to a satellite dish, receiver, etc... | | Dummy variable | 0 None | | All HHs | A | own.31 | Includes: Satellite dish |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| SATD_REC_N | Number of satellite dishes, receivers, etc... | Indicates the number of satellite dishes, receivers etc... the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.31 | The number owned reached 50-80 satellite dishes for a number of households. Some might indicate a data entry mistake, however no corrections could be done. |

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| PLAYER | Has DVD, VCR, CD player, audio player, etc... | Indicates if the household owns or has free access to a DVD, VCR, CD player, recorder, audio player etc... | | Dummy variable | 0 None | | All HHS | A | own.27 own.29 | Includes: VCR, Tape or CD/DVD player, HIFI |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| PLAYER_N | Number of VCRs/CD players, audio players, etc... | Indicates the number of DVDs, VCRs, CD players, recorders, audio players, etc... the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.27 own_n.29 | The number of owned reached 80 players for one of the households. This is probably a data entry mistake, however no corrections could be done. |
| CAMERA | Has photo or video camera | Indicates if the household owns or has free access to a photo or video camera | | Dummy variable | 0 None | | All HHS | A | own.25 | Includes: Photo camera |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| CAMERA_N | Number of photo or video cameras | Indicates the number of photo or video cameras the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.25 | |
| GAME | Has any type of video or electronic games | Indicates if the household owns or has free access to any type of video or electronic games (playstation, gameboy, Wii,) | | Dummy variable | 0 None | | All HHS | / | | |
| | | | | | 1 Own one or many | | | | | |
| GAME_N | Number of video or electronic games | Indicates the number of any type of video or electronic games (playstation, gameboy, Wii,) the household owns or has free access to | | Continuous variable | | | HHS reported ownership | / | | |
| TELPH | Has telephone, cell phone, etc... | Indicates if the household owns or has free access to a telephone, cell phone etc... | | Dummy variable | 0 None | | All HHS | A | own.24 | Includes: Cell phone |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| TELPH_N | Number of telephones, cell phones, etc... | Indicates the number of telephones, cell phones etc... the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.24 | The number owned reached 20-60 telephones for a number of households. Some might indicate a data entry mistake, however no corrections could be done. |
| FAX | Has fax line or fax machine | Indicates if the household owns or has free access to a fax line or fax machine | | Dummy variable | 0 None | | All HHS | / | | |
| | | | | | 1 Own one or many | | | | | |
| FAX_N | Number of fax lines or fax machines | Indicates the number of fax lines or fax machines the household owns or has free access to | | Continuous variable | | | HHS reported ownership | / | | |
| COMPUTER | Has computer or laptop connected or not to an internet line | Indicates if the household owns or has free access to a computer or laptop connected or not to an internet line | | Dummy variable | 0 None | | All HHS | A | own.30 | Includes: Computer equipment & accessories |
| | | | | | 1 Own one or many | 1 Yes | | | | |
| COMPUTER_N | Number of computers or laptops connected or not to an internet line | Indicates the number of computers or laptops connected or not to an internet line the household owns or has free access to | | Continuous variable | | | HHS reported ownership | A | own_n.30 | |
| INTERNET | Has internet line and related equipments (router, USB, etc...) | Indicates if the household owns or has free access to an internet line and related equipments (router, USB, etc...) | | Dummy variable | 0 None | | All HHS | / | | |
| | | | | | 1 Own one or many | | | | | |
| INTERNET_N | Number of internet lines and related equipments (router, USB, etc...) | Indicates the number of internet lines and related equipments (router, USB, etc...) the household owns or has free access to | | Continuous variable | | | HHS reported ownership | / | | |

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| REFRG | Has refrigerator, freezer, water cooler, etc... | Indicates if the household owns or has free access to a refrigerator, freezer, water cooler, etc... | | Dummy variable | 0 None | | All HHs | A | own.16 | Includes: Refrigerator |
| | | | | | 1 Own one or many | | | | | |
| REFRG_N | Number of refrigerators, freezers, water coolers, etc... | Indicates the number of refrigerators, freezers, water coolers, etc... the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.16 | |
| COOKER | Has cooker, stove, oven, etc... | Indicates if the household owns or has free access to a gas or electric cooker, stove, oven, etc... | | Dummy variable | 0 None | | All HHs | A | own.18 own.19 own.20 own.21 | Includes: Charcoal, electric, gas or kerosene/paraffin stove or hot plate |
| | | | | | 1 Own one or many | | | | | |
| COOKER_N | Number of cookers, stoves, ovens, etc... | Indicates the number of gas or electric cookers, stoves, ovens, etc... the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.18 own_n.19 own_n.20 own_n.21 | The number owned reached 20-51 cookers for a number of households. Some might indicate a data entry mistake, however no corrections could be done. |
| MICROWAVE | Has microwave, grill, fryer etc... | Indicates if the household owns or has free access to a microwave, grill, fryer, etc... | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| MICROWAVE_N | Number of microwaves, grills, fryers, etc... | Indicates the number of microwaves, grills, fryers, etc... the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |
| SKITAPP | Has food processor, kitchen machine, blender, grinder etc... | Indicates if the household owns or has free access to any of small kitchen appliances like a food processor, kitchen machine, blender, grinder etc... | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| SKITAPP_N | Number of food processors, kitchen machines, blenders, grinders, etc... | Indicates the number of small kitchen appliances like a food processor, kitchen machine, blender, grinder etc... the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |
| WASH | Has washing machine | Indicates if the household owns or has free access to a manual or an automatic washing machine | | Dummy variable | 0 None | | All HHs | A | own.17 | Includes: Washing machine |
| | | | | | 1 Own one or many | | | | | |
| WASH_N | Number of washing machines | Indicates the number of manual or automatic washing machines the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.17 | |
| DRYER | Has a clothes dryer | Indicates if the household owns or has free access to a clothes dryer | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| DRYER_N | Number of clothes dryers | Indicates the number of clothes dryers the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|----------------------------|---|---|---------------------|---|-----------------------------------|------------------------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| DSHWSH | Has a dishwasher | Indicates if the household owns or has free access to a dishwasher | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| DSHWSH_N | Number of dishwashers | Indicates the number of dishwashers the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |
| COND | Has an air conditioner | Indicates if the household owns or has free access to an air conditioner | | Dummy variable | 0 None | | All HHs | A | own.14 | Includes: Air conditioner |
| | | | | | 1 Own one or many | | | | | |
| COND_N | Number of air conditioners | Indicates the number of air conditioners the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.14 | |
| FAN | Has an electric fan | Indicates if the household owns or has free access to an electric fan | | Dummy variable | 0 None | | All HHs | A | own.13 | Includes: Fan |
| | | | | | 1 Own one or many | | | | | |
| FAN_N | Number of electric fans | Indicates the number of electric fans the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.13 | |
| HEATER | Has a heater | Indicates if the household owns or has free access to a gas, electric or solar heater | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| HEATER_N | Number of heaters | Indicates the number of gas, electric or solar heaters the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |
| WAHEAT | Has a water heater | Indicates if the household owns or has free access to a solar, gas or electric water heater | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| WAHEAT_N | Number of water heaters | Indicates the number of solar, gas or electric water heaters the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |
| SEWING | Has a sewing machine | Indicates if the household owns or has free access to a sewing machine | | Dummy variable | 0 None | | All HHs | A | own.15 | Includes: Sewing machine |
| | | | | | 1 Own one or many | | | | | |
| SEWING_N | Number of sewing machines | Indicates the number of sewing machines the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.15 | |
| VACUUM | Has a vacuum cleaner | Indicates if the household owns or has free access to a vacuum cleaner | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| VACUUM_N | Number of vacuum cleaners | Indicates the number of vacuum cleaners the household owns or has free access to | | Continuous variable | | | HHs reported ownership | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|--------------------------|--|---|---------------------|---|-----------------------------------|------------------------|-----|--|------------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| IRON | Has an iron | Indicates if the household owns or has free access to an iron | | Dummy variable | 0 None | | All HHs | A | own.11 | Includes: Iron |
| | | | | | 1 Own one or many | | | | | |
| IRON_N | Number of irons | Indicates the number of irons the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.11 | |
| ODUR | Has other durables | Indicates if the household owns or has free access to any other household appliance | | Dummy variable | 0 None | | All HHs | A | own.32 own.33 | Includes: Solar panel or Generator |
| | | | | | 1 Own one or many | | | | | |
| ODUR_N | Number of other durables | Indicates the number of any other appliances the household owns or has free access to | | Continuous variable | | | HHs reported ownership | A | own_n.32 own_n.33 | |
| LIVESTOK | Has livestock | Indicates if the household owns any kind of livestock (cattle, sheep, poultry, horse, donkey etc...) | | Dummy variable | 0 None | | All HHs | / | | |
| | | | | | 1 Own one or many | | | | | |
| LIVESTOK_N | Number of livestock | Indicates the total number of all kinds of livestock (cattle, sheep, poultry, horse, donkey etc...) the household owns | | Continuous variable | | | HHs reported ownership | / | | |
| OLAND | Own land | Indicates whether the household owns land or not | | Dummy variable | 0 None | | All HHs | A | land_owned1 house_ownership_own2 | |
| | | | | | 1 Own one or many | | | | | |
| ALAND | Area of Own land | Indicates the area of the owned land | ALAND=0 IF OLAND=0 (do not own a land), hence this variable should be complete for all households except those for which OLAND is missing. The area of land should be reported in m ² | Continuous variable | | | All HHs | / | | |
| FLAND | Free access to land | Indicates the area of the accessed land | | Continuous variable | | | All HHs | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|--|--|---|---|---------------------------------|--|----------------------------------|---------------------------------|-----|---------------------------------------|--|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| HEAD'S AND SPOUSE'S CHARACTERISTICS | | Information on Head and Spouse are constructed from the person-level files. For more information about a specific variable, refer to the person-level variable referred to in "Contents". | | | | | | | | |
| FILE LEVEL: HOUSEHOLD IDEAL UNIVERSE: ALL HOUSEHOLDS IDEAL REFERENCE PERIOD: AT PRESENT CATEGORY: HEAD'S AND SPOUSE'S CHARACTERISTICS | | | | | | | | | | |
| AGEHD | Age of the head | Age in years. | In some datasets, age may be calculated at a certain reference date (e.g., 31 December of last year). When the original dataset has only age categories, age is calculated as the midpoint of the range provided. In some datasets, AGE is top coded by the data provider (e.g., a value of 95 represents 95 years of age or over). | Ordered discrete variable | | | All Heads | A | age hhm_relation | |
| AGESP | Age of the spouse | | In case the head has multiple spouses a variable for each spouse will be generated, and named AGESP_# where # is the spouse number | | | | All Spouses | | | |
| SEXHD | Gender of the head | Gender | Indicator for gender of individual. | Harmonized categorical variable | 1 Male 2 Female | Structured the same as PSEX | All Heads | A | gender hhm_relation | |
| SEXSP | Gender of the spouse | | In case the head is male and has multiple spouses a variable for each spouse will be generated and will be named SEXSP_# where # is the spouse number. For all spouses except the first spouse, gender will be always 2 (female) | | | | All Spouses | | | |
| MARTH | Marital status of the head [Standardized version] | Legal administrative status concerning marriage | Should not be imputed, it can be generated only for those to whom the question was asked (in other words, the youngest age at which information is collected may differ depending on the survey). Married refers to only formal marriages (including legally married). Polygamous unions includes males with multiple spouses. Number of spouses in household can be applied to compute polygamy. | Harmonized Categorical variable | 1 Never married 2 Married monogamous 3 Married polygamous 4 Divorced/Separated 5 Widowed 99 Not stated | Structured the same as PMART | Heads aged 12+ | A | marital_status hhm_relation | |
| MARTH_D | Marital status of the head [Detailed version] | | Legal administrative status concerning marriage (detailed version of coding) | | | | Harmonized Categorical variable | | | |
| PARTHD | Partnership and parenthood status of the head | ERF recode that allows users to identify heads as having a partner (either married or unmarried) versus not having a partner, as well as parents as opposed to non-parents, using a single variable. | Partnership status for head may be restricted to civic status, parenthood status assumes that the children of the head are also children of the spouse. | Harmonized categorical variable | 1 Head with partner or head's partner, with no children, youngest child < 18 2 Head with partner or head's partner, with children, youngest child 18+ 3 Head with partner or head's partner, with children, youngest child 18+ 4 Single head, with no children 5 Single head, with children, youngest child < 18 6 Single head, with children, youngest child 18+ | | All Heads | A | age marital_status hhm_relation | Generated by ERF. Single head is defined as never married, divorced, separated or widowed. Head with partner is defined as married head. |
| NATHD | Ethnicity/nationality of the head [Standardized version] | Ethnicity or nationality | The content of this variable is not uniform. In many datasets where information on ethnicity or nationality is not available in the original survey, it can also contain country of birth, race, ancestry or mother tongue. | Categorical variable | | Structured the same as PETHNAT | All Heads | / | | |
| NATSP | Ethnicity/nationality of the spouse [Standardized version] | | In case the head has multiple spouses a variable for each spouse will be generated and will be named NATSP_# where # is the spouse number. | | | | All Spouses | | | |
| NATHD_D | Ethnicity/nationality of the head [Detailed version] | Ethnicity or nationality (detailed version of coding) | | Harmonized Categorical variable | | Structured the same as PETHNAT_D | All Heads | / | | |
| NATSP_D | Ethnicity/nationality of the spouse [Detailed version] | | | | | | All Spouses | | | |
| IMMIGRHD | Immigration status of the head | Ideally indicates whether an individual is born in the country or has an immigrant background, and if possible, how recently he/she arrived. Other migration status information may be included if available. | The content of this variable is not uniform. By other migration status we tempt to capture those who migrate from one region to another inside the country (if the place of birth is different from the place of residence inside the country) | Harmonized categorical variable | 1 Immigrant (from abroad) 2 Migrant (from another region inside the country) 3 No | Structured the same as PIMMIGR | All Heads | A | migr_from hhm_relation | |
| IMMIGRSP | Immigration status of the spouse | | In case the head has multiple spouses a variable for each spouse will be generated and will be named IMMIGRSP_# where # is the spouse number. | | | | All Spouses | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|---|--|--|---------------------------------|--|--------------------------------|---------------------------------------|-----|--|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| BI RHD | Is the head born in his residence place | This variable indicates whether the person is born in his place of residence | In case the head has multiple spouses a variable for each spouse will be generated and will be named BIRSP_# where # is the spouse number. | Dummy variable | 0 No | Structured the same as PBIR | All Heads | / | | |
| BI RSP | Is the spouse born in her residence place | | | | 1 Yes | | All Spouses | | | |
| BI RPLHD | Place of Birth of the head | This variable includes either the region, the area or the country of birth | In case the head has multiple spouses a variable for each spouse will be generated and will be named BIRPLSP_# where # is the spouse number. | Categorical variable | | | All Heads | / | | |
| BI RPLSP | Place of Birth of the spouse | | | | All Spouses | | | | | |
| LITHD | Literacy status of the head | This variable indicates whether the person is literate (can read and write) or not | In case the head has multiple spouses a variable for each spouse will be generated and will be named LITSP_# where # is the spouse number. | Dummy variable | 0 No | Structured the same as PLIT | Heads aged 6+ | A | literacy hhm_relation | |
| LITSP | Literacy status of the spouse | | | | 1 Can read & write | | Spouses aged 6+ | | | |
| EDUHD | Educational level of the head [Standardized version] | Highest level of education attained. | In case the head has multiple spouses a variable for each spouse will be generated and will be named EDUSP_# where # is the spouse number. | Harmonized categorical variable | 1 None | Structured the same as PEDUC | Heads aged 6+ | A | literacy edu_status hhm_edu_level hhm_relation | |
| EDUSP | Educational level of the spouse [Standardized version] | | | | 2 Primary/ Lower secondary | | Spouses aged 6+ | | | |
| | | | | | 3 Secondary | | | | | |
| | | | | | 4 Post secondary or equivalent | | | | | |
| | | | | | 5 University | | | | | |
| | | | | | 6 Postgraduate | | | | | |
| | | | | | 99 Not stated | | | | | |
| EDUHD_D | Educational level of the head [Detailed version] | Highest level of education attained (detailed version of coding) | | Harmonized categorical variable | | Structured the same as PEDUC_D | Heads aged 6+ | A | literacy edu_status hhm_edu_level hhm_relation | |
| EDUSP_D | Educational level of the spouse [Detailed version] | | | | | | Spouses aged 6+ | | | |
| MASHD | Main activity status of the head [Standardized version] | Main activity status during the survey period | In case the head has multiple spouses a variable for each spouse will be generated and will be named MASSP_# where # is the spouse number. | Harmonized categorical variable | 1 Employed | Structured the same as PCMAS | Heads aged 10+ | A | emp_7d_d emp_7d_inac hhm_relation | |
| MASSP | Main activity status of the spouse [Standardized version] | | | | 2 Unemployed | | Spouses aged 10+ | | | |
| | | | | | 3 Homemaker (Housewife) | | | | | |
| | | | | | 4 Student | | | | | |
| | | | | | 5 Pensioners/retired/disabled | | | | | |
| | | | | | 6 Others | | | | | |
| | | | | | 99 Not stated | | | | | |
| MASHD_D | Main activity status of the head [Detailed version] | Main activity status during the survey period (detailed version of coding) | | Harmonized categorical variable | | Structured the same as PCMAS_D | Heads aged 10+ | A | emp_7d_d emp_7d_inac hhm_relation | |
| MASSP_D | Main activity status of the spouse [Detailed version] | | | | | | Spouses aged 10+ | | | |
| EMSHD | Status of Employment of the head [Standardized version] | Detailed description of the employment status | In case the head has multiple spouses a variable for each spouse will be generated and will be named EMSSP_# where # is the spouse number. | Harmonized categorical variable | 1 Employee | Structured the same as PCEMS | Ever-employed Active Heads aged 10+ | A | emp_status hhm_relation | |
| EMSSP | Status of Employment of the spouse [Standardized version] | | | | 2 Employer | | Ever-employed Active Spouses aged 10+ | | | |
| | | | | | 3 Own account, self-employed | | | | | |
| | | | | | 4 Contributing (unpaid) family workers | | | | | |
| | | | | | 5 Member of producers cooperatives | | | | | |
| | | | | | 6 Workers not classifiable by status (other) | | | | | |
| | | | | | 99 Not stated | | | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|-----------------|---|--|---|---------------------------------|---|---------------------------------------|--|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| OCCHD | Occupation classification for the main job of the head [Standardized version] | Occupation classification for the main (current or last held) job, standardized on a 1-digit coding level. | See POCC | Harmonized categorical variable | 10 Legislators, senior officials and managers | Structured the same as POCC | Ever-employed Active Heads aged 15+ | A | isco hhm_relation | |
| OCCSP | Occupation classification for the main job of the spouse [Standardized version] | | | | In case the head has multiple spouses a variable for each spouse will be generated and will be named OCCSP_# where # is the spouse number. | | | | | |
| | | | 30 Technicians and associate professionals | | | | | | | |
| | | | 40 Clerks | | | | | | | |
| | | | 50 Service workers and shop and market sales | | | | | | | |
| | | | 60 Skilled agricultural and fishery workers | | | | | | | |
| | | | 70 Craft and related trades | | | | | | | |
| | | | 80 Plant and machine operators and assemblers | | | | | | | |
| | | | 90 Elementary occupations | | | | | | | |
| | | | 100 Armed Forces | | | | | | | |
| | | | 998 Other/unspecified | | | | | | | |
| | | | 999 Not stated | | | | | | | |
| OCCHD_unrecoded | Occupation classification for the main job of the head [Unrecoded version] | Occupation classification for the main (current or last held) job, an unrecoded version presenting codes as collected and received in the original dataset | | Categorical variable | | Structured the same as POCC_unrecoded | Ever-employed Active Heads aged 15+ | A | isco hhm_relation | |
| OCCSP_unrecoded | Occupation classification for the main job of the spouse [Unrecoded version] | | | | | | Ever-employed Active Spouses aged 15+ | | | |
| INDHD | Industry classification for the main job of the head [Standardized version] | Industry classification of the main (current or last held) job, standardized on a 1-digit coding level. | See PIND | Harmonized categorical variable | 10 Agriculture and Fishing | Structured the same as PIND | Ever-employed Active Heads aged 10+ | A | emp_7d_prim_sector hhm_relation | |
| INDSP | Industry classification for the main job of the spouse [Standardized version] | | | | In case the head has multiple spouses a variable for each spouse will be generated and will be named INDSP_# where # is the spouse number. | | | | | |
| | | | 30 Manufacturing | | | | | | | |
| | | | 40 Electricity and Utilities | | | | | | | |
| | | | 50 Construction | | | | | | | |
| | | | 60 Commerce | | | | | | | |
| | | | 70 Transportation, Storage and Communication | | | | | | | |
| | | | 80 Financial, Insurance and Real Estate | | | | | | | |
| | | | 90 Public Administration | | | | | | | |
| | | | 100 Other Services | | | | | | | |
| | | | 998 Unspecified | | | | | | | |
| | | | 999 Not stated | | | | | | | |
| INDHD_unrecoded | Industry classification for the main job of the head [Unrecoded version] | Industry classification for the main (current or last held) job, an unrecoded version presenting codes as collected and received in the original dataset | | Categorical variable | | Structured the same as PIND_unrecoded | Ever-employed Active Heads aged 10+ | A | emp_7d_prim_sector hhm_relation | |
| INDSP_unrecoded | Industry classification for the main job of the spouse [Unrecoded version] | | | | | | Ever-employed Active Spouses aged 10+ | | | |
| TYPEWKHD | Sector of employment of the head [Standardized version] | Sector of employment | see PTYPEWK | Harmonized categorical variable | 1 Government | Structured the same as PTYPEWK | Ever-employed Active Heads aged+ | / | | |
| TYPEWKSP | Sector of employment of the spouse [Standardized version] | | | | In case the head has multiple spouses a variable for each spouse will be generated and will be named TYPEWKSP_# where # is the spouse number. | | | | | |
| | | | 3 Private sector | | | | | | | |
| | | | 4 Joint/Cooperative | | | | | | | |
| | | | 5 Foreign sector | | | | | | | |
| | | | 6 Other | | | | | | | |
| | | | 99 Not stated | | | | | | | |
| TYPEWKHD_D | Sector of employment of the head [Detailed version] | Sector of employment (detailed version of coding) | | Harmonized categorical variable | | Structured the same as PTYPEWK_D | Ever-employed Active Heads aged+ | / | | |
| TYPEWKSP_D | Sector of employment of the spouse [Detailed version] | | | | | | Ever-employed Active Spouses aged+ | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---|-----------------------------------|--|--|---------------------|---|-----------------------------------|----------|-----|--|--|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| HOUSEHOLD EXPENDITURES | | Including annual amounts of consumption expenditures; if possible split following the COICOP international standard classification). | All expenditure variables are recorded as yearly amounts. Amounts are annualized if not provided as such in original data. Annual expenditure amounts should be reported in country national currency. Due to lack of details in many datasets, ERF constructs the expenditure variables, even if not all of the items are available. Any taxes included in the expenditure variables are deducted if possible. A check for outliers is necessary before conducting any analysis on the expenditure data. Extreme cases were detected in the original variables; however the appropriate method to deal with it was left to the user's judgment. | | | | | | | |
| FILE LEVEL: HOUSEHOLD | | | | | | | | | | |
| IDEAL UNIVERSE: ALL HOUSEHOLDS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: INCOME REFERENCE PERIOD | | | | | | | | | | |
| CATEGORY: ANNUAL EXPENDITURE | | | | | | | | | | |
| FOODEXP | Food and non-alcoholic beverages | Expenses on food and non-alcoholic beverages. Ideally, corresponds to Code 01 of the COICOP classification (SUM of 01). | All food expenditures include also own grown products expenses and gifts/in-kind received food. Expenses on take away food and meals taken in restaurants are included under code 11 TOTPFOD+TOTOWNP+TOTGIKD | Continuous variable | | | All HHs | A | | All consumption amounts were provided in USD. For food items, amounts provided in the original data are for imputed and collected Consumption in current USD (7 days), while for non food items amounts provided indicate the total imputed and collected Purchase value in current USD (7 days). Rental amounts provided (in the household data file) in Somali shillings and Somaliland shillings were used and converted to USD. Weekly and monthly amounts were annualized by multiplying them by 52 and 12, respectively. Following the case of other harmonized surveys, the price of durable goods (in USD) purchased during the survey year were added to the food and non-food amounts consumed/purchased during 2016. The technical notes document disseminated with the survey materials includes a detailed description of the consumption/expenditure aggregates, in addition to all cleaning procedures run on this part. Items grouped under each expenditure type are identified in the "Expenditure Aggregates" file. |
| RICE | Rice expenditures | Expenditures on rice in all forms | Purchased only | Continuous variable | | | All HHs | A | | |
| GRAIN | Grains and flour expenditures | Wheat, Maize, Barely and all cereals in the grain or flour form | Purchased only | Continuous variable | | | All HHs | A | | |
| BREAD | Bread and cakes | Bread in all forms, biscuits, cakes pizza.. | Purchased only | Continuous variable | | | All HHs | A | | |
| PAST | Pasta expenditures | Macaroni, Noodles, Couscous.. | Purchased only | Continuous variable | | | All HHs | A | | |
| CERPRE | Cereal preparation | Cornflakes, malt, tapioca.. | Purchased only | Continuous variable | | | All HHs | A | | |
| CEREXP | Purchased Bread and Cereals | | RICE + GRAIN + BREAD + PAST + CERPRE | Continuous variable | | | All HHs | A | | |
| CEROWN | Own-Produced Bread and Cereals | | | Continuous variable | | | All HHs | / | | |
| SMEAT | Sheep and goats Meat expenditures | Fresh frozen and tinned goats and sheep meat | Purchased only | Continuous variable | | | All HHs | A | | |
| CMEAT | Cow meat expenditures | Fresh frozen and tinned cow meat | Purchased only | Continuous variable | | | All HHs | A | | |
| OMEAT | Other meat expenditures | Fresh frozen and tinned camel, rabbit, pork etc. meat | Purchased only | Continuous variable | | | All HHs | A | | |
| CHMEAT | Chicken meat expenditure | Fresh frozen and tinned chicken, turkey, birds etc. meat | Purchased only | Continuous variable | | | All HHs | A | | |
| LMEAT | Luncheon and Tinned meat | Fresh and frozen luncheon, tinned and others meat | Purchased only | Continuous variable | | | All HHs | A | | |
| MEATEXP | Purchased Meat and Poultry | | SMEAT + CMEAT + OMEAT + CHMEAT + LMEAT | Continuous variable | | | All HHs | A | | |
| MEATOWN | Own-Produced Meat and Poultry | | | Continuous variable | | | All HHs | / | | |
| FISH | Fish expenditures | Fresh and frozen fish expenditures, Tuna, sardines and tinned fish also smoked, salted, dried and processed fish | Purchased only | Continuous variable | | | All HHs | A | | |
| SEAF | Seafood expenditures | Fresh, frozen and proceed seafood | Purchased only | Continuous variable | | | All HHs | / | | |
| FSHSEAFP | Purchased Fish and Seafood | | FISH + SEAF | Continuous variable | | | All HHs | A | | |
| FSHSEAOWN | Own-Produced Fish and Seafood | | | Continuous variable | | | All HHs | / | | |
| MILK | Milk expenditures | Fresh, powder, condensed and infant powder milk expenses | Purchased only | Continuous variable | | | All HHs | A | | |
| YOGH | Yogurt expenditures | Yogurt liquid, tinned, paste etc. cream, milk based deserts, milk based beverages | Purchased only | Continuous variable | | | All HHs | A | | |
| CHES | Cheese expenditures | Processed, home made, tinned etc. cheese | Purchased only | Continuous variable | | | All HHs | A | | |
| EGG | Eggs expenditures | Eggs and wholly made egg products | Purchased only | Continuous variable | | | All HHs | A | | |
| DAIRYEXP | Purchased Dairy Products | | MILK + YOGH + CHES + EGG | Continuous variable | | | All HHs | A | | |
| DAIRYOWN | Own-Produced Dairy Products | | | Continuous variable | | | All HHs | / | | |
| OIL | Olive oil expend. | Olive oil | Purchased only | Continuous variable | | | All HHs | A | | |
| OIL | Other oils expend. | Corn, sunflower, soya etc | Purchased only | Continuous variable | | | All HHs | A | | |
| BUT | Butter and margarine | Butter, margarine, ghee,... | Purchased only | Continuous variable | | | All HHs | A | | |
| FAT | Fat expenses | Animal and vegetable fats and other edible | Purchased only | Continuous variable | | | All HHs | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|------------------|---------------------------------------|--|---|---------------------|---|-----------------------------------|----------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| <u>OILFATEXP</u> | Purchased Oil & Fats | | OOIL+OIL+OIL+BUT+FAT | Continuous variable | | | All HHs | A | | |
| <u>OILFATOWN</u> | Own-Produced Oil & Fats | | | Continuous variable | | | All HHs | / | | |
| <u>FRUITEXP</u> | Fruits expenses | Fresh, chilled, frozen, and tinned fruits, nuts | Purchased only | Continuous variable | | | All HHs | A | | |
| <u>FRUITOWN</u> | Own-Produced Fruits | | | Continuous variable | | | All HHs | / | | |
| <u>VEGEXP</u> | Vegetables expenses | Fresh, chilled, frozen, and tinned vegetables, garlic, processed and tuber vegetables like chips.. | Purchased only | Continuous variable | | | All HHs | A | | |
| <u>VEGOWN</u> | Own-Produced Vegetables | | | Continuous variable | | | All HHs | / | | |
| <u>SUGAREXP</u> | Sugar and jam expenditure | Sugar, Halawa, Chocolate, Honey, Jam, Bonbon, etc. | Purchased only | Continuous variable | | | All HHs | A | | |
| <u>SUGAROWN</u> | Own-Produced Sugar and Jam | | | Continuous variable | | | All HHs | / | | |
| <u>SPICEEXP</u> | Spices expenditures | Salt, black pepper, sauces, seasonings, vanilla etc. | Purchased only | Continuous variable | | | All HHs | A | | |
| <u>SPICOWN</u> | Own-Produced Spices | | | Continuous variable | | | All HHs | / | | |
| <u>BEVEXP</u> | Beverages expenditure | Coffee, tea, water fruit end vegetable juices | Purchased only | Continuous variable | | | All HHs | A | | |
| <u>BEVOWN</u> | Own-Produced Beverages | | In some surveys own-produced water may be for irrigation purposes | Continuous variable | | | All HHs | / | | |
| <u>OTHFEXP</u> | Other non-specified food expenses | Includes all other purchased food items non-specified in the questionnaire | Purchased only | Continuous variable | | | All HHs | / | | |
| <u>OTHFOWN</u> | Other non-specified own-produced food | Includes all other own produced food items non-specified in the questionnaire | | Continuous variable | | | All HHs | / | | |
| <u>TOTPFOD</u> | Total purchased food | Total amounts of food and beverage purchased from the market | CEREXP+MEATEXP+FSHSEAEXP+DAIRYEXP+OILFATEXP+FRUITEXP+VEGEXP+SUGAREXP+SPICEEXP+BEVEXP+OTHFEXP | Continuous variable | | | All HHs | A | | |
| <u>TOTOWNP</u> | Total Own produced food | Food and beverage own produced products, consumed or given away | CEROWN+MEATOWN+FSHSEAOWN+DAIRYOWN+OILFATOWN+FRUITOWN+VEGOWN+SUGAROWN+SPICOWN+BEVOWN+OTHFOWN | Continuous variable | | | All HHs | / | | |
| <u>TOTGDKD</u> | Total Gifts and in-kind food | Food and beverage products received from other households | In some datasets, this category may be aggregated with purchased food or own produced food | Continuous variable | | | All HHs | / | | |
| <u>ALCOEXP</u> | Alcohol and tobacco | Expenses on alcoholic beverages, tobacco, and narcotics. Ideally, corresponds to Code 02 of the COICOP classification (SUM of 02). | ALC+TOB | Continuous variable | | | All HHs | A | | |
| ALC | Alcoholic expenditures | Expenses on alcoholic beverages, spirits, wine, beer.. | | Continuous variable | | | All HHs | / | | |
| TOB | Tobacco expenditures | Expenses on tobacco, cigarettes, etc. | | Continuous variable | | | All HHs | A | | |
| <u>APPEXP</u> | Clothing and footwear | Expenses on clothing and footwear. Ideally, corresponds to Code 03 of the COICOP classification. | CLOTH+MCLO+CHAR+FOOTW+SCHCLTH | Continuous variable | | | All HHs | A | | |
| CLOTH | Clothes for men, women and children | Garments, dresses, shirts, blouse, capes, coats for men, women and children. Excluding school clothes and uniforms | In some countries, we have observations on own-produced clothes, but since these are very small amounts, they are lumped with purchased | Continuous variable | | | All HHs | A | | |
| MCLO | Clothing material | Clothing material of all kind of fibers, tailoring and accessories | | Continuous variable | | | All HHs | A | | |
| CHAR | Tailoring charges | All tailoring, cleaning, repairing charges of clothes | | Continuous variable | | | All HHs | A | | |
| FOOTW | Footwear expenditures | Shoes, sandals, boots and slipper for men and women, excluding those for school | Includes repairing and hire charges | Continuous variable | | | All HHs | A | | |
| SCHCLTH | School Clothes, Uniforms and Footwear | | | Continuous variable | | | All HHs | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|-----------------|--|--|--|---------------------|--------------------------------------|--------------------------------|----------|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| <u>HOUSEXP</u> | Housing and utilities | Expenses on housing (actual and imputed rentals and maintenance and repair of the dwelling), water (water supply and miscellaneous services relating to the dwelling), electricity, gas and other fuels. Renovation costs as well as expenditure on furniture are excluded, as well as expenditure on mortgage (both the capital and interest part). Ideally, corresponds to Code 04 of the COICOP classification. | ARHOUS + IMPREN + REPDW + WDWE + EDWE | Continuous variable | | | All HHs | A | | |
| ARHOUS | Actual rentals for housing | Actual rentals paid by tenants and other actual rentals | Rentals include payment for the use of the land on which the property stands, the dwelling occupied, the fixtures and fittings for heating, plumbing, lighting, etc., and, in the case of a dwelling let furnished, the furniture. | Continuous variable | | | All HHs | A | | |
| IMPREN | Imputed rentals for housing | Imputed rentals of owners occupying their main residence and other imputed rentals | Includes also imputed rentals for secondary residences and imputed rentals of households paying a reduced rental or housed free. | Continuous variable | | | All HHs | A | | |
| REPDW | Maintenance and repair for the Dwelling | Materials and services for the maintenance and repair of the dwelling | Only expenditures which tenants and owner-occupiers incur on materials and services for minor maintenance and repair are part of individual consumption expenditure of households. Renovation costs as well as expenditure on materials and services for major maintenance and repair are excluded, as well as expenditure on mortgage (both the capital and interest part). Considered as expenses on non-durables | Continuous variable | | | All HHs | A | | |
| WDWE | Water supply and miscellaneous services relating to the dwelling | Water supply, refuse collection, sewage collection and others | Includes also co-proprietor charges for caretaking, gardening, heating and lighting, etc. in multi-occupied buildings: security services | Continuous variable | | | All HHs | A | | |
| EDWE | Electricity, gas and other fuels | Electricity, Gas, Liquid and solid fuels, Heat energy | | Continuous variable | | | All HHs | A | | |
| <u>EQUIPEXP</u> | Furniture & Housing equipment | Expenses on furnishings (furniture and furnishings, carpets and other floor coverings), household equipment (household textiles, household appliances, glassware, tableware and household utensils, tools and equipment for house and garden) and goods and services for routine household maintenance. Ideally, corresponds to Code 05 of the COICOP classification. | HSFUR + FURREP + HSTEX + MHAPL + SHAPL + RAPPL + HUST + MHOPE + SHOPE + HSGS | Continuous variable | | | All HHs | A | | |
| HSFUR | Housing furnishings and furniture | Furniture and furnishings, carpets and other floor coverings | Beds, sofas, couches, tables, chairs, etc., lighting equipment, pictures, sculptures, screens, loose and fitted carpets, etc. Durables | Continuous variable | | | All HHs | A | | |
| FURREP | Housing furnishings and furniture repair | Furniture and furnishings repair | This variable includes repair of furniture and furnishings Non-Durable | Continuous variable | | | All HHs | / | | |
| HSTEX | Household textiles | Furnishing fabrics, bedding, bed linen, table linen and bathroom linen and repair of such articles. | Non durables | Continuous variable | | | All HHs | A | | |
| MHAPL | Major Household appliances | Major household appliances whether electric or not | - Refrigerators, freezers and fridge-freezers; - washing machines, dryers, drying cabinets, dishwashers, ironing and pressing machines; - cookers, spit roasters, hobs, ranges, ovens and microwave ovens; - air-conditioners, humidifiers, space heaters, water heaters, ventilators and extractor hoods; - vacuum cleaners, steam-cleaning machines, carpet shampooing machines and machines for scrubbing, waxing and polishing floors; - other major household appliances such as safes, sewing machines, knitting machines, water softeners, etc. Includes: delivery and installation of the appliances when applicable. Excludes: such appliances that are built into the structure of the building Considered as expenses on durables | Continuous variable | | | All HHs | A | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|--|---|--|---------------------|---|-----------------------------------|----------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| SHAPL | Small Household appliances | Small electric appliances | Coffee mills, coffee-makers, juice extractors, can-openers, food mixers, deep fryers, meat grills, knives, toasters, ice cream makers, hotplates, irons, electric blankets, etc. Excludes: small non-electric household articles and kitchen utensils etc. Non-durables | Continuous variable | | | All HHS | / | | |
| RAPPL | Repair of appliances | | Total value of the service (that is, both the cost of labor and the cost of materials are covered): charges for the leasing or rental of major household appliances. Excludes: separate purchases of materials made by households with the intention of undertaking the repair themselves Non-durables | Continuous variable | | | All HHS | / | | |
| HUST | Glassware, tableware and household utensils | Glassware, crystal and ceramic ware, non-electric kitchen utensils etc. and their repair | Non-durables | Continuous variable | | | All HHS | A | | |
| MHOPE | Major other housing equipment and operation | Major tools and equipment for house and garden | Motorized tools and equipment such as electric drills, saws, sanders and hedge cutters, garden tractors, lawnmowers, cultivators, chainsaws and water pumps; - repair of such articles. Includes: charges for the leasing or rental of do-it-yourself machinery and equipment. Considered as expenses on durables | Continuous variable | | | All HHS | / | | |
| SHOPE | Small other housing equipment and operation | Small tools and miscellaneous accessories | Hand tools, garden tools, small electric accessories and their repair Non-durables | Continuous variable | | | All HHS | A | | |
| HSGS | Goods and services for routine household maintenance | Non-durable household goods and domestic services | Cleaning products such as soaps, washing powder etc. Domestic & cleaning services such as cooks, maids, drivers, gardeners, dry clean etc. Non-durables | Continuous variable | | | All HHS | A | | |
| MEDEXP | Health | Expenses on health, including medical products, appliances and equipment, outpatient services, and hospital services. Payments for health insurances are excluded. Ideally, corresponds to Code 06 of the COICOP classification. | PMEDP+TAEQ+MEDSERV+MEDABR | Continuous variable | | | All HHS | A | | |
| PMEDP | Pharmaceutical and other medical products | Medicinal preparations, drugs, vaccines, vitamins etc. and clinical thermometers, adhesive etc. | They are intended for consumption or use outside a health facility or institution. Non-durables | Continuous variable | | | All HHS | / | | |
| TAEQ | Therapeutic appliances and equipment | Corrective eyeglasses and contact lenses, hearing aids, glass eyes, artificial limbs and other prosthetic devices, orthopedic braces and supports, orthopedic footwear, surgical belts, trusses and supports, neck braces, medical massage equipment and health lamps, powered and unpowered wheelchairs and invalid carriages, "special" beds, crutches, electronic and other devices for monitoring blood pressure, etc.; | They are intended for consumption or use outside a health facility or institution. Durables | Continuous variable | | | All HHS | / | | |
| MEDSERV | Outpatient and Hospital services | Medical, dental and paramedical services delivered to outpatients by medical, dental and paramedical practitioners and auxiliaries. Services of general and specialist hospitals, the services of medical centers, maternity centers, nursing homes and convalescent homes which chiefly provide in-patient health care, the services of institutions serving old people in which medical monitoring is an essential component and the services of rehabilitation centers providing in-patient health care and rehabilitative therapy where the objective is to treat the patient rather than to provide long term support | The services may be delivered at home, in individual or group consulting facilities, dispensaries or the outpatient clinics of hospitals and the like. Hospital day-care and home-based hospital treatment are included as are hospices for terminally ill persons. | Continuous variable | | | All HHS | / | | |
| MEDABR | Expenses on medical services Abroad | Includes all expenses on trips for medical/therapy purposes other than those spent on transportation or accommodation | | Continuous variable | | | All HHS | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|---|---|---|---------------------|---|-----------------------------------|----------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| TRANEXP | Transport | Expenses on transport, including purchase of vehicles, operation of personal transport equipment, and transport services. Ideally, corresponds to Code 07 of the COICOP classification. | TRVEH+OTEQ+TRSERV+SCHSERV | Continuous variable | | | All HHs | A | | |
| TRVEH | Purchase of transportation vehicles | Purchase of car, bicycles and animal trucked vehicles | Excludes purchases of recreational vehicles such as camper vans, caravans, trailers, and boats Durable | Continuous variable | | | All HHs | A | | |
| OTEQ | Operation of personal transport equipment | Fuels, petrol and purchases of spare parts, accessories or lubricants made by households with the intention of undertaking the maintenance, repair or intervention and services paid to enterprise for carrying out the maintenance, repair or fitting | | Continuous variable | | | All HHs | A | | |
| TRSERV | Transportation services | Transportation by railway, road, air, sea and any other than school transport services | Ambulance services are excluded | Continuous variable | | | All HHs | A | | |
| SCHSERV | School Transportation services | | In some surveys, expenses on school transportation services might be lumped with transport services or education expenditures, in that case the variable would be missing | Continuous variable | | | All HHs | / | | |
| COMMEXP | Communication | Expenses on communication, including postal services, telephone and telefax equipment, and telephone and telefax services. Ideally, corresponds to Code 08 of the COICOP classification. | PTTSERV+TTEOP | Continuous variable | | | All HHs | A | | |
| PTTSERV | Postal, telephone and telefax services | Installation and subscription costs of personal telephone equipment; telephone calls etc. delivery of letters etc. | | Continuous variable | | | All HHs | A | | |
| TTEOP | Telephone and telefax equipment | Purchases of telephones, telefax machines, etc. and their repair | Durable | Continuous variable | | | All HHs | A | | |
| CULTEXP | Recreation and culture | Expenses on recreation and culture, including audio-visual, photographic and information processing equipment, other major durables for recreation and culture, other recreational items and equipment, gardens and pets, recreational and cultural services, newspapers, books and stationery, package holidays. Ideally, corresponds to Code 09 of the COICOP classification. | CULDUR+CULEOP+CULSER+SCHCUL | Continuous variable | | | All HHs | A | | |
| CULDUR | Durables for recreation and culture | Audio-visual, photographic and information processing equipment, Camper vans, boats, horse and pony etc. | Durable | Continuous variable | | | All HHs | A | | |
| CULEOP | Recreation and cultural equipments | Games, toys and hobbies, Equipment for sport, camping and open-air recreation etc. | | Continuous variable | | | All HHs | A | | |
| CULSER | Recreation and culture services | cinemas, theatres, opera houses games, Newspapers, books and stationery, etc. holidays or tours which provide for travel, food, accommodation, guides | Excluding school books and stationery | Continuous variable | | | All HHs | A | | |
| SCHCUL | School recreation and culture services | School books and stationery, etc. | | Continuous variable | | | All HHs | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|-----------------|---|--|---|---------------------|---|-----------------------------------|----------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| <u>EDUCEXP</u> | Education | Expenses on education, including pre-primary and primary education, secondary education, post-secondary non-tertiary education, tertiary education, and education not definable by level. Ideally, corresponds to Code 10 of the COICOP classification. It covers educational services only and does not include expenditures on educational materials, such as books, catering and transport services etc. | PREDUC+SEDUC+TEDUC+OEDUC+EDUCABR | Continuous variable | | | All HHs | A | | |
| PREDUC | Expenses on pre-primary and primary education | Includes also expenses on literacy programs for students too old for primary school, including private tutoring and tutoring groups | | Continuous variable | | | All HHs | / | | |
| SEDUC | Expenses lower and upper-secondary education | Includes also out-of-school secondary education for adults and young people, private tutoring and tutoring groups | | Continuous variable | | | All HHs | / | | |
| TEDUC | Expenses tertiary education | Expenses on first and second stage of tertiary education, including private tutoring and tutoring groups | | Continuous variable | | | All HHs | / | | |
| OEDUC | Expenses on education not defined by level | Educational programs, generally for adults, which do not require any special prior instruction, in particular vocational training and cultural development. | | Continuous variable | | | All HHs | / | | |
| EDUCABR | Expenses on Education Abroad | Includes all expenses on trips for education purposes other than those spent on transportation or accommodation | | Continuous variable | | | All HHs | / | | |
| <u>RESTOEXP</u> | Restaurants and hotels | Expenses on restaurants (catering services) and hotels (accommodation services). Ideally, corresponds to Code 11 of the COICOP classification. | CATSERV+SCHRST+ACCOM | Continuous variable | | | All HHs | A | | |
| CATSER | Catering services | Meals, snacks, and drinks provided by restaurants, cafés, etc., including those provided: - in cultural, sporting or entertainment services: theatres, cinemas, sports stadiums, etc.; on public transport - ready to take food products and beverages, the sale of cooked dishes by catering contractors, -Catering services of works canteens, and canteens in schools, universities etc. | | Continuous variable | | | All HHs | A | | |
| SCHRST | School restaurants expenditures | Meals, snacks, and drinks provided in school restaurants | In many countries, those expenses are lumped with catering services. | Continuous variable | | | All HHs | A | | |
| ACCOM | Accommodation and hotel expenses | Accommodation services of: - hotels, boarding houses, motels, inns and establishments offering "bed and breakfast"; - holiday villages and holiday centers, camping and caravan sites, youth hostels and mountain chalets; - boarding schools, universities and other educational establishments; - public transport (trains, boats, etc.) when priced separately; - hostels for young workers or immigrants. | | Continuous variable | | | All HHs | A | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|---|---|--|---------------------|---|-----------------------------------|----------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| MISCEXP | Miscellaneous goods and services | Expenses on miscellaneous goods and services, such as personal care, personal effects n.e.c., social protection, insurance, financial services n.e.c., other services n.e.c. Ideally, corresponds to Code 12 of the COICOP classification. | Some surveys may report information on taxes and remittances without clear specification of the nature of the tax expenses... these expenditures are included in this part. PCEXP+SPEXP+FEXP+FEES+PTRANSF | Continuous variable | | | All HHs | A | | |
| PCEXP | Personal care and personal effects | Hairdressing salons and appliances for personal care, Jewellery, clocks and miscellaneous personal articles | Electric razors, hairdryers, electric toothbrushes etc. are included in this subgroup | Continuous variable | | | All HHs | A | | |
| SPEXP | Social protection | Covers assistance and support services provided to persons who are elderly, disabled, unemployed, homeless, low-income earners, immigrants, refugees, etc. It also covers assistance and support services provided to families and children. | | Continuous variable | | | All HHs | / | | |
| FEXP | Insurance and financial services | Service charges for insurance such as life insurance and non-life insurance (that is, insurance in connection with the dwelling, health, transport, etc.). Service charges for multi-risk insurance covering several risks should be classified on the basis of the cost of the principal risk if it is not possible to allocate the service charges to the various risks covered. Actual charges for the financial services of banks | Service charge for insurance is defined as the difference between claims due and premiums earned and premium supplement | Continuous variable | | | All HHs | A | | |
| FEES | Penalties and other fees | Financial penalties, traffic violation fees etc., fees for issuing passport ID cards, visas, birth certificate, driving license etc. membership fees.. And other non specified fees | | Continuous variable | | | All HHs | / | | |
| PTRANSF | Private transfers given | Remittances inside and outside the country, gifts to relatives cash or in-kind, charities, zakat, Alimony etc. | | Continuous variable | | | All HHs | / | | |
| TOTFOOD | Total food expenditures | | In case where the own produced food items are also included in code 01 we need to abstract from OWNP FOODEXP+CATSER+SCHRST | Continuous variable | | | All HHs | A | | |
| INFOOND | Total expenditures on non-food and non-durables | | Alcoholic and tobacco expenditures are included here TOTEXP-(FOODEXP+TDUR+THOUS) | Continuous variable | | | All HHs | A | | |
| TDUR | Total expenses on durables | | HSFUR+MHAPL+MHOPE+TAEQ+TRVEH+TTEQP+CULDUR | Continuous variable | | | All HHs | A | | |
| THOUS | Actual and imputed rentals for housing | | ARHOUS+IMPREN | Continuous variable | | | All HHs | A | | |
| TOTEXP | Total expenditures | Individual consumption expenditure of household. Ideally, corresponds to Codes 01 to 12 of the COICOP classification | In cases where the original survey provides expenditures according to the COICOP classification, this variable is the sum over the expenditure variables above. Otherwise, it is either derived from the "total expenditures" variable in the original survey (if available) or is left blank. FOODEXP+ALCOEXP+APPEXP+HOUSEXP+EQUIPEXP+MEDEXP+TRANEXP+COMMEXP+CULTEXP+EDUCEXP+RESTOEXP+MISC EXP | Continuous variable | | | All HHs | A | | |
| LUMP | Lumpy expenses | Expenses on marriage, dowries, mahr, funeral, birth etc lump sum divorce (excluding alimony) payment and any other occasional expenses | | Continuous variable | | | All HHs | A | | |
| INTER | Interests paid on consumption and loans | Interest paid on loans for the purchase of consumption or durable goods | These expenses should not be part of consumption aggregates | Continuous variable | | | All HHs | / | | |
| TAX | Expenditures on taxes and levies | Taxes on consumption and durable goods, property taxes etc. | Taxes should be included in consumption aggregates only if they are closely related to services provided such as households that are paying more tax are receiving more services. In that latter case (if there is enough detail in the survey about taxes) this category should be disaggregated according to the nature of taxes paid. | Continuous variable | | | All HHs | / | | |

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|--|-----------------------------------|---|---|---------------------|---|-----------------------------------|----------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| HOUSEHOLD INCOME | | Including when possible annual amounts of earnings from labor and the contributions paid on them, capital income and property, taxes, social insurance benefits, social assistance benefits and other (private) transfers | All income variables are recorded as yearly amounts. ERF annualizes the amounts, if not provided as such in original data. Annual income amounts should be reported in country national currency. As a rule, household-level income amounts are derived by summing the individual-level values for all individuals in the household. When individual data are not available, reported household amounts are used and these cases will be noted in the country-specific documentation. Where the household income variables are directly calculated from person-level income variables, these formulations are shown below, as are those instances when the variable is created by summing sub-categories within the household data. A check for outliers is necessary before conducting any analysis on the income data. Extreme cases were detected in the original variables; however the appropriate method to deal with it was left to the user's judgment. | | | | | | | |
| FILE LEVEL: HOUSEHOLD IDEAL UNIVERSE: ALL HOUSEHOLDS IDEAL REFERENCE PERIOD: ONE YEAR CATEGORY: ANNUAL INCOME | | | | | | | | | | |
| GWAG | Gross wages and salaries | Cash wage and salary income (including employer bonuses, 13th month bonus, etc.), gross of employee social insurance contributions/taxes but net of employer social insurance contributions/taxes. | When employer-provided sick pay can not be separated, it is included in the wages. In case there is no precision about whether the wage is net or gross we classify it under gross wage. If incomes are not available at the individual level, the variable is constructed directly from household level original information. | Continuous variable | | | All HHs | / | | |
| NWAG | Net wages and salaries | Cash wage and salary income (including employer bonuses, 13th month bonus, etc.), net of employer and employee social insurance contributions and taxes. | | Continuous variable | | | All HHs | / | | |
| IKEAR | In-kind earnings | In-kind income as a substitute or complement for cash wages. Includes, for example, the value of company cars, meals, housing, electricity, medical expenses, child care etc. paid or partly paid by the employer. | It does not exist on its own at the individual level. | Continuous variable | | | All HHs | / | | |
| SINC | Self-employment income | Profit/loss from unincorporated enterprises. The income is recorded gross of social insurance contributions (but net of expenses). | Self-employment income is often collected with a different reference period than other more regular incomes; for example, it could refer to the last financial year for which business accounts for the purposes of taxation were prepared. Includes imputed income from owner occupied dwellings and own produced food for home consumption. If farm and non-farm self-employment income are not supplied separately, users can try to split them at the individual level | Continuous variable | | | All HHs | / | | |
| RENTAL | Income less expenses from rentals | Rentals from dwellings, business buildings, vehicles, equipment, etc excludes rent from land | | Continuous variable | | | All HHs | / | | |
| PROINC | Property income | Interest received less interest paid Dividends Rent from land | | Continuous variable | | | All HHs | / | | |
| TRANSF | Current transfers received | Social insurance, assistance, inter-household transfers, regular support received such as charities, remittances received, gifts received disability pensions, allowances, benefits etc. Child/family benefits | | Continuous variable | | | All HHs | / | | |
| TRPAID | Current transfers paid | Employers' social insurance contributions Employees' social insurance contributions Taxes on income less refund Regular taxes on wealth Regular inter-household cash transfers Regular cash transfers to charities | In some datasets mandatory social insurance contributions are recorded together with the taxes and are, therefore, included here. If the original data only has one tax variable with all the taxes lumped together, the variable is included here. If the original survey only asked for net incomes, this variable usually remains empty. In many datasets, income taxes are not asked directly to the respondents but simulated through a taxation micro simulation model. | Continuous variable | | | All HHs | / | | |
| TOTDINC | Total disposable income | | GWAG+SINC+RENTAL+PROINC+TRANSF | Continuous variable | | | All HHs | / | | |
| TOTINC | Total income | | TOTDINC+TRPAID | Continuous variable | | | All HHs | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---|---------------------------------------|--|--|---------------------------------|---|---|---------------|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PERSONS | | | | | | | | | | |
| FILE LEVEL: PERSON IDEAL UNIVERSE: ALL INDIVIDUALS IDEAL REFERENCE PERIOD: AT PRESENT CATEGORY: IDENTIFICATION | | | | | | | | | | |
| PNUM | Person identifier | Person identification number (usually the person line number in the household) | This identifier is unique within each household. In order to uniquely identify an individual, both CASENUM and PNUM are required. | Ordered discrete variable | | | All INDS | A | hhmid | |
| FILE LEVEL: PERSON IDEAL UNIVERSE: ALL INDIVIDUALS IDEAL REFERENCE PERIOD: AT PRESENT CATEGORY: FILE INFORMATION | | | | | | | | | | |
| PWEIGHT | Person weight | Data-provider person weight. | Very few data providers construct a different weight for each member of the household. If a person weight exists in the original dataset, we do report it here (even though it turns out to be the same for all household members in most cases), otherwise we assign the household weight to all household members. All statistical analysis performed should use the appropriate weight. | Continuous variable | | | All INDS | / | | |
| FILE LEVEL: PERSON IDEAL UNIVERSE: ALL INDIVIDUALS IDEAL REFERENCE PERIOD: AT PRESENT CATEGORY: DEMOGRAPHICS | | | | | | | | | | |
| PAGE | Age | Age in years. | In some datasets, age may be calculated at a certain reference date (e.g., 31 December of last year). When the original dataset has only age categories, age is calculated as the midpoint of the range provided. In some datasets, AGE is top coded by the data provider (e.g., a value of 95 represents 95 years of age or over). | Ordered discrete variable | | | All INDS | A | age | |
| PSEX | Gender | Indicator for gender of individual. | | Harmonized Categorical variable | 1 Male 2 Female | 1 Male 0 Female | All INDS | A | gender | |
| PMART | Marital status [Standardized version] | Legal administrative status concerning marriage & partnership (even if not married, a person can be still legally recognized as being in a relationship). | There is no Polygamous status for females. Generally the information about polygamous status is available only for the head (male). For the other individuals we consider those having the status married as monogamous. | Harmonized Categorical variable | 1 Never married 2 Married monogamous 3 Married polygamous 4 Divorced/Separated 5 Widowed 99 Not stated | 6 Never married (single) 1 Monogamous married 2 Polygamous married 3 Separated 4 Divorced 5 Widow or widower HH members aged >= 15 years and for whom the variable is missing | INDs aged 15+ | A | marital_status | |
| PMART_D | Marital status [Detailed version] | Legal administrative status concerning marriage & partnership (even if not married, a person can be still legally recognized as being in a relationship): detailed coding. | There is no Polygamous status for females. Generally the information about polygamous status is available only for the head (male). For the other individuals we consider those having the status married as monogamous. | Harmonized Categorical variable | 100 Never married 200 Married monogamous 210 Legally married 220 Married 300 Married polygamous 400 Divorced/Separated 410 Separated 420 Divorced 500 Widowed 999 Not stated | 6 Never married (single) 1 Monogamous married 2 Polygamous married 3 Separated 4 Divorced 5 Widow or widower HH members aged >= 15 years and for whom the variable is missing | INDs aged 15+ | A | marital_status | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|---|---|---|---------------------------------|--------------------------------------|---|----------|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PREL | Relationship to head [Standardized version] | Relationship to the head of household, where the value '1' always stands for the head of the household him/herself. The value "Other relatives " includes Nephew and Niece, Grandparents, son/daughters in law etc... | | Harmonized Categorical variable | 1 Head of household | ishead=1 Head | All INDs | A | ishead hhm_relation | |
| | | | | | 2 Spouse | hhm_relation=1 Wife or husband | | | | |
| | | | | | 3 Son/Daughter | hhm_relation=5 Son or daughter (include adopted) | | | | |
| | | | | | 4 Father/mother (parents) | hhm_relation=3 Father or mother | | | | |
| | | | | | 5 Brother/sister | hhm_relation=4 Brother or sister | | | | |
| | | | | | 6 Grandchildren | hhm_relation=6 Grandson or granddaughter | | | | |
| | | | | | 7 Other relatives | hhm_relation=2 Grandfather or grandmother hhm_relation=7 Niece or nephew hhm_relation=8 Father-in-law or mother-in-law hhm_relation=9 Brother-in-law or sister-in-law hhm_relation=10 Son-in-law or daughter-in-law hhm_relation=11 Other relative | | | | |
| | | | | | 8 Other non-relatives | hhm_relation=12 Servant or servant's relative hhm_relation=14 Other non-relative hhm_relation=1000 Other | | | | |
| PREL_D | Relationship to head [Detailed version] | Relationship to the head of household, where the value '100' always stands for the head of the household him/herself. Detailed coding indicates different relations for other relatives and other non-relatives. | | Harmonized Categorical variable | 100 Head of household | ishead=1 Head | All INDs | A | ishead hhm_relation | |
| | | | | | 200 Spouse | hhm_relation=1 Wife or husband | | | | |
| | | | | | 300 Son/Daughter | hhm_relation=5 Son or daughter (include adopted) | | | | |
| | | | | | 310 Adopted children | | | | | |
| | | | | | 400 Father/mother (parents) | hhm_relation=3 Father or mother | | | | |
| | | | | | 500 Brother/sister | hhm_relation=4 Brother or sister | | | | |
| | | | | | 600 Grandchildren | hhm_relation=6 Grandson or granddaughter | | | | |
| | | | | | 700 Other relatives | hhm_relation=11 Other relative | | | | |
| | | | | | 710 Son/daughter in law | hhm_relation=10 Son-in-law or daughter-in-law | | | | |
| | | | | | 720 Grandparents | hhm_relation=2 Grandfather or grandmother | | | | |
| | | | | | 730 Father/mother in law | hhm_relation=8 Father-in-law or mother-in-law | | | | |
| | | | | | 740 Brother/sister in law | hhm_relation=9 Brother-in-law or sister-in-law | | | | |
| | | | | | 750 Nephew/niece | hhm_relation=7 Niece or nephew | | | | |
| | | | | | 800 Other non-relatives | hhm_relation=14 Other non-relative hhm_relation=1000 Other | | | | |
| | | | | | 810 Servants | hhm_relation=12 Servant or servant's relative | | | | |
| | | | | | 820 Doorkeeper | | | | | |
| | | | | | 830 Driver | | | | | |
| 840 Shepherd | | | | | | | | | | |
| 850 Farmer | | | | | | | | | | |
| 860 Others | | | | | | | | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---|--|--|--|---------------------------------|---|--------------------------------|----------|-----|---|---|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| FILE LEVEL: PERSON | | | | | | | | | | |
| IDEAL UNIVERSE: ALL INDIVIDUALS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: AT PRESENT | | | | | | | | | | |
| CATEGORY: FATHER'S AND MOTHER'S CHARACTERISTICS | | | | | | | | | | |
| PFPRES | Father present at home | Indicates whether the father is present at home, not a household member or dead. | In case there is no information available about whether the father is dead or not we just use code 2 (not a HH member). In case, the relationship to head variable indicates that the brother of the head is living in the HH with nephews/nieces of the head we assume that these last are the sons/daughters of the head's brother. | Harmonized categorical variable | 1 Yes 2 Father is not a household member 3 Father is dead | | All INDS | A | | All the parents related variables were created by ERF including the presence status. It is generated using the relationship to the head variable; therefore those dead could not be identified. Father's and Mother's variables were generated for the head of the household's children and for the head's grandchildren if he/she has an ever married son/daughter or an in-law living in the household. |
| PMPRES | Mother present at home | Indicates whether the mother is present at home, not a household member or dead. | There might be a problem identifying the mother from the Roster in case of multiple spouses. This variable can be clearly identified only in the fathers'/mothers' ID is provided in the dataset. In case of only one spouse she is assumed to be the mother, unless the age checking is could identify those living with their step mother (mother died or divorced). | Harmonized categorical variable | 1 Yes 2 Mother is not a household member 3 Mother is dead | | All INDS | A | | In case of multiple spouses, the children of each spouse do not follow her in the order of data entry. Therefore, the mother's characteristics in case of multiple spouses could not be generated. Since the head's children cannot be assigned to their mothers if the head has more than one spouse living the household. Similarly, the fathers' and mothers' characteristics could not be generated for the heads' grandchildren if the head has more than one ever married son/daughter and/or one in-law living in the household. Since the order of the data entry does not allow for a correct assignment of children to their corresponding parents. Niece/Nephew, heads' brothers/sisters and heads' brothers/sisters in law are identified in the relationship to head variable. However, the fathers' and mothers' characteristics could not be generated though for the heads' nieces/nephews, since the order of the data entry does not allow for a correct assignment of children to their corresponding parents. |
| PFATHID | ID of the father | Indicates the PNUM (the line number in the HH) of the father | This information is available for the son/daughter of the head, partially available for the head and brother/sister of the head and is missing for the other individuals (exception for Iraq). In case we have the brother of the head living in the HH with the nephew/niece of the head we assume that these last are the son (daughter) of the head's brother. Since very few surveys report this information. Value can be imputed from the roster (or individual file) but might be available only if PFPRES = 1. | Ordered discrete variable | | | All INDS | A | | |
| PMOTHI D | ID of the mother | Indicates the PNUM (the line number in the HH) of the mother | Same as PMPRES Since very few surveys report this information. Value can be imputed from the roster (or individual file) but might be available only if PMPRES = 1. | Ordered discrete variable | | | All INDS | | | |
| PFAGE | Age of the father | | | Ordered discrete variable | | | All INDS | A | age hhm_relation | |
| PMAGE | Age of the mother | | | | | | | | | |
| PFMART | Marital status of the father [Standardized version] | | | Harmonized categorical variable | 1 Never married 2 Married monogamous 3 Married polygamous 4 Divorced/Separated 5 Widowed 99 Not stated | Structured the same as PMART | All INDS | A | marital_status hhm_relation | |
| PMMART | Marital status of the mother [Standardized version] | | | | | | | | | |
| PFMART_D | Marital status of the father [Detailed version] | | | Harmonized categorical variable | | Structured the same as PMART_D | All INDS | A | marital_status hhm_relation | |
| PMMART_D | Marital status of the mother [Detailed version] | | | | | | | | | |
| PFEDUC | Educational level of the father [Standardized version] | | | Harmonized categorical variable | 1 None 2 Primary/Lower secondary 3 Secondary 4 Post secondary or equivalent 5 University 6 Postgraduate 99 Not stated | Structured the same as PEDUC | All INDS | A | literacy edu_status hhm_edu_level hhm_relation | |
| PMEDUC | Educational level of the mother [Standardized version] | | | | | | | | | |
| PFEDUC_D | Educational level of the father [Detailed version] | | | Harmonized categorical variable | | Structured the same as PEDUC_D | All INDS | A | literacy edu_status hhm_edu_level hhm_relation | |
| PMEDUC_D | Educational level of the mother [Detailed version] | | | | | | | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|-----------------|---|--|---|---------------------------------|---|---------------------------------------|----------|-----|---|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PFMAS | Main activity of the father [Standardized version] | | | Harmonized categorical variable | 1 Employed 2 Unemployed 3 Homemaker (Housewife) 4 Student 5 Pensioners/retired/disabled 6 Others 99 Not stated | Structured the same as PCMAS | All INDS | A | emp_7d_d emp_7d_inac hhm_relation | |
| PMMAS | Main activity of the mother [Standardized version] | | | | | | | | | |
| PFMAS_D | Main activity of the father [Detailed version] | | | Harmonized categorical variable | | Structured the same as PCMAS_D | All INDS | A | emp_7d_d emp_7d_inac hhm_relation | |
| PMMAS_D | Main activity of the mother [Detailed version] | | | | | | | | | |
| PFCEMS | Employment status of the father [Standardized version] | | | Harmonized categorical variable | 1 Employee 2 Employer 3 Own account, self-employed 4 Contributing (unpaid) family workers 5 Member of producers cooperatives 6 Workers not classifiable by status (other) 99 Not stated | Structured the same as PCEMS | All INDS | A | emp_status hhm_relation | |
| PMCEMS | Employment status of the mother [Standardized version] | | | | | | | | | |
| PFOCC | Occupation classification for the main job of the father [Standardized version] | Occupation classification for the main (current or last held) job, standardized on a 1-digit coding level. | | Harmonized categorical variable | 10 Legislators, senior officials and managers 20 Professionals 30 Technicians and associate professionals 40 Clerks 50 Service workers and shop and market sales 60 Skilled agricultural and fishery workers 70 Craft and related trades 80 Plant and machine operators and assemblers 90 Elementary occupations 100 Armed Forces 998 Other/unspecified 999 Not stated | Structured the same as POCC | All INDS | A | isco hhm_relation | |
| PMOCC | Occupation classification for the main job of the mother [Standardized version] | | | | | | | | | |
| PFOCC_unrecoded | Occupation classification for the main job of the father [Unrecoded version] | Occupation classification for the main (current or last held) job, an unrecoded version presenting codes as collected and received in the original dataset | | Categorical variable | | Structured the same as POCC_unrecoded | All INDS | A | isco hhm_relation | |
| PMOCC_unrecoded | Occupation classification for the main job of the mother [Unrecoded version] | | | | | | | | | |
| PFIND | Industry classification for the main job of the father [Standardized version] | Industry classification of the main (current or last held) job, standardized on a 1-digit coding level. | | Harmonized categorical variable | 10 Agriculture and Fishing 20 Mining 30 Manufacturing 40 Electricity and Utilities 50 Construction 60 Commerce 70 Transportation, Storage and Communication 80 Financial, Insurance and Real Estate 90 Public Administration 100 Other Services 998 Unspecified 999 Not stated | Structured the same as PIND | All INDS | A | emp_7d_prim_sector hhm_relation | |
| PMIND | Industry classification for the main job of the mother [Standardized version] | | | | | | | | | |
| PFIND_unrecoded | Industry classification for the main job of the father [Unrecoded version] | Industry classification for the main (current or last held) job, an unrecoded version presenting codes as collected and received in the original dataset | | Categorical variable | | Structured the same as PIND_unrecoded | All INDS | A | emp_7d_prim_sector hhm_relation | |
| PMIND_unrecoded | Industry classification for the main job of the mother [Unrecoded version] | | | | | | | | | |
| PFTYPEWK | Sector of employment of the father [Standardized version] | | | Harmonized categorical variable | 1 Government 2 Public sector 3 Private sector 4 Joint/Cooperative 5 Foreign sector 6 Other 99 Not stated | Structured the same as PTYPEWK | All INDS | / | | |
| PMTYPEWK | Sector of employment of the mother [Standardized version] | | | | | | | | | |
| PFTYPEWK_D | Sector of employment of the father [Detailed version] | | | Harmonized categorical variable | | Structured the same as PTYPEWK_D | All INDS | / | | |
| PMTYPEWK_D | Sector of employment of the mother [Detailed version] | | | | | | | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------------------------------|---|---|--|---------------------------------|--|--|----------|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| FILE LEVEL: PERSON | | | | | | | | | | |
| IDEAL UNIVERSE: ALL INDIVIDUALS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: AT PRESENT | | | | | | | | | | |
| CATEGORY: NATIONALITY AND IMMIGRATION | | | | | | | | | | |
| PETHNAT | Ethnicity/ nationality [Standardized version] | Ethnicity or nationality | The content of this variable is not uniform. In many datasets where information on ethnicity or nationality is not available in the original survey, it can also contain country of birth, race, ancestry or mother tongue. | Harmonized Categorical variable | 0 Non-citizen 1 Citizen 99 Not stated | | All INDS | / | | |
| PETHNAT_D | Ethnicity/ nationality [Detailed version] | Coded as per UN recent country classification in Dec. 2012. | | Harmonized categorical variable | 001-894 Standardized UN country codes 990 Other Arab countries 991 Other non-Arab countries 998 Without citizenship 999 Not stated | | All INDS | / | | |
| PIMMIGR | Immigration status | Ideally indicates whether an individual is born in the country or has an immigrant background, and if possible, how recently he/she arrived. Other migration status information may be included if available. | The content of this variable is not uniform. By other migration status we tempt to capture those who migrate from one region to another inside the country (if the place of birth is different from the place of residence inside the country) | Harmonized categorical variable | 1 Immigrant (from abroad) 2 Migrant (from another region inside the country) 3 No | 1 Same district 2 Different district same region 3 Different region same Federal State 4 Different Federal State in Somalia 5 Somaliland 6 Different region in Somaliland 7 Somalia 1001 Outside Somalia and Somaliland 1002 Other country 1001 .Z- Immigration status is missing | All INDS | A | migr_from | |
| PBIR | Is the individual born in his residence place | This variable indicates whether the individual is born in his place of residence | | Dummy variable | 0 No 1 Yes | | All INDS | / | | |
| PBIRPL | Place of Birth | This variable includes the region, the area or the country of birth of the person | Very few surveys contain this information | Categorical variable | | | All INDS | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|------------------------------------|--|--|---|---------------------------------|--|---|------------------|-----|---|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| FILE LEVEL: PERSON | | | | | | | | | | |
| IDEAL UNIVERSE: ALL INDIVIDUALS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: AT PRESENT | | | | | | | | | | |
| CATEGORY: EDUCATION | | | | | | | | | | |
| PLIT | Literacy status | This variable indicates whether the person is literate (can read and write) or not | A person is considered literate if they can both read and write and not just one or the other. A semi-literate person (one who can read, but cannot write) is said to be illiterate. In the case where the survey asks only whether a person can read but does not ask if they can write, and in case there no information in the questionnaire about the reading and writing ability literacy cannot be determined, these are coded as missing. If there are no questions about the read and write ability but the educational attainment is elementary or upper the individual is considered literate | Dummy variable | 0 No 1 Can read & write | 0 Illiterate 1 Literate | INDs aged 6+ | A | literacy | |
| EVERATTD | Ever attended school | This variable indicates whether the individual have ever attended school, academic, "Koranic" or any other formal or informal school | All persons of pre-primary school age or above. Primary school age will vary by country. Value must be missing for others. This is country-specific and depends on how school attendance is defined. Pre-school is included here. Also, in some countries, ever attended is yes only if the person attended for some minimum amount of time. The differences need to be carefully documented. One is not required to have completed any level of education to answer this question positively. By logic, EVERATTD, PEDUC and PATSCH have the following relationship: If PATSCH=1, EVERATTD=1 If PEDUC>=2 (and ≠ 99), EVERATTD=1 If PEDUC=99 & PATSCH=0, EVERATTD=0 | Dummy variable | 0 No 1 Yes 99 Not stated | 3 Never enrolled 1 Currently enrolled 2 Previously enrolled members aged >=6 years and for whom the variable is missing | INDs aged 6+ | A | edu_status | |
| TYPSCH | What type of school | Type of school attended by the individual | | Harmonized categorical variable | 1 Koranic 2 Academic 3 Adult education or literacy program 4 Vocational or other | | INDs aged+ | / | | |
| PEDUC | Educational level [Standardized version] | Highest level of education attained. | Primary corresponds to elementary, and lower secondary to preparatory/second stage of basic education . If there is no information on highest level of education completed, the variable can be constructed using diploma level and/or years of education. The selection of the variable must be based on a careful review of the data. When using currently attending information (level or grade) to construct the variable, it must correspond to the grade (or level) presently attending minus one (1). This is country specific- not all countries require the same number of school years to complete a given level. The value "None" does not mean that the person never attended school it means that the individual did not complete the first level of education (elementary) None corresponds either to those currently enrolled in primary but didn't get the diploma or those illiterate, Read and Write, in informal school such as Koranic school, traditional, vocational training or adult etc. (cross tabulation with type of school will allow to identify those without education level) If there is no question on highest level of education completed for those not attending school and there is no information on diploma and/or years of education completed, then the variable cannot be constructed. University education level refers to any higher education after successfully completing secondary level of education regardless of whether this was completed. Not stated is for cases where no education level is stated- this should be checked and avoided as much as possible. This classification should be documented. If no information on the completeness of the education level, classify as incomplete and add specific comment to documentation. If person is illiterate and there is no information on school level, cases are coded 1 "None". If there is no information on the literacy status all levels other than formal education grades and not stated can be coded 1 "None". | Harmonized categorical variable | 1 None 2 Primary/ Lower secondary 3 Secondary 4 Post secondary or equivalent 5 University 6 Postgraduate 99 Not stated | literacy=0 Illiterate hhm_edu_level=1 Primary 1 hhm_edu_level=2 Primary 2 hhm_edu_level=3 Primary 3 hhm_edu_level=4 Primary 4 hhm_edu_level=5 Primary 5 hhm_edu_level=16 Non-formal education hhm_edu_level=6 Primary 6 hhm_edu_level=7 Primary 7 hhm_edu_level=8 Primary 8 hhm_edu_level=9 Secondary 1 hhm_edu_level=10 Secondary 2 hhm_edu_level=11 Secondary 3 hhm_edu_level=12 Secondary 4 hhm_edu_level=17 Post secondary technical education hhm_edu_level=13 University first degree hhm_edu_level=14 Master degree hhm_edu_level=15 PhD hhm_edu_level=1000 Other members aged >=6 years and for whom the variable is missing | INDs aged 6+ | A | literacy edu_status hhm_edu_level | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|------------------|---|---|--|---------------------------------------|---|---|---------------------|-----|--|---|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PEDUC_D | Educational level [Detailed version] | Highest level of education attained (detailed version of coding) | | Harmonized categorical variable | 100 None | hhm_edu_level=16 Non-formal education | INDs aged 6+ | A | literacy edu_status hhm_edu_level hhm_read hhm_write | |
| | | | | | 110 Illiterate | hhm_read=0 & hhm_write=0 | | | | |
| | | | | | 120 Read only | hhm_read=1 & hhm_write=0 & never attended school | | | | |
| | | | | | 130 Read & write | hhm_read=1 or hhm_write=1 & never attended school | | | | |
| | | | | | 140 Literacy classes/certificate | | | | | |
| | | | | | 150 Never attended school | | | | | |
| | | | | | 160 KG | | | | | |
| | | | | | 170 Koranic KG (Kouttab) | | | | | |
| | | | | | 180 Attending elementary school and did not complete first level | hhm_edu_level=1 Primary 1 hhm_edu_level=2 Primary 2 hhm_edu_level=3 Primary 3 hhm_edu_level=4 Primary 4 hhm_edu_level=5 Primary 5 | | | | |
| | | | | | 200 Primary /Lower secondary | | | | | |
| | | | | | 210 Primary | hhm_edu_level=6 Primary 6 hhm_edu_level=7 Primary 7 | | | | |
| | | | | | 220 Preparatory | | | | | |
| | | | | | 230 Lower secondary | hhm_edu_level=8 Primary 8 hhm_edu_level=9 Secondary 1 hhm_edu_level=10 Secondary 2 hhm_edu_level=11 Secondary 3 | | | | |
| | | | | | 240 Professional/Vocational below secondary education | | | | | |
| | | | | | 300 Secondary | | | | | |
| | | | | | 310 Academic secondary | hhm_edu_level=12 Secondary 4 | | | | |
| | | | | | 320 Professional/Vocational secondary | | | | | |
| | | | | | 400 Post secondary or equivalent | hhm_edu_level=17 Post secondary technical education | | | | |
| | | | | | 500 University | hhm_edu_level=13 University first degree | | | | |
| | | | | | 600 Postgraduate | | | | | |
| 610 High diploma | | | | | | | | | | |
| 620 Masters | hhm_edu_level=14 Master degree | | | | | | | | | |
| 630 PhD | hhm_edu_level=15 PhD | | | | | | | | | |
| 999 Not stated | hhm_edu_level=1000 Other members aged >=6 years and for whom the variable is missing | | | | | | | | | |
| PTYPSEC | Type of secondary school attended | | Only individuals who answered code 3 in PEDUC are eligible. For all others, it will be missing. If there is no indication about the type of secondary school the variable will be missing | Harmonized categorical variable | 1 Academic | | INDs aged+ | / | | |
| | | | | | 2 Technical or vocational | | | | | |
| PYEDUC | Number of effective years of schooling | This is a continuous variable of the number of years of formal schooling completed. | The lower age cut-off at which information is collected will vary from country to country. If no grade level information exists, this variable will be missing. The variable does not take into account the actual number of years required to reach this level, in other words, first grade repeated three times still only counts as 1 year of schooling. If a person has completed a BA/BSc, MA/MSc or PhD, but no number of years is known, use country specific information for the number of years. | Ordered discrete variable | | | INDs aged 6+ | A | literacy edu_status hhm_edu_level | Generated by ERF using the highest level of education completed since the variable provided in the raw data indicates the number of years of schooling attended, not those successfully completed; i.e. it includes the number of years repeated, which could not be removed from the variable to correctly generate the harmonized version. |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|--|--|--|---------------------------------|--|---|-------------------------------------|-----|--|--|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PATSCH | School attendance status | Indicates whether the individual is currently attending school | If a person is on a short school holiday when interviewed, he or she is considered to be at school. However, if the person is on the holiday between two years of schooling, one cannot assume that he/she will continue schooling into the next year. Variable can be created using either attendance or enrolment question (since typically just one of them is available in each survey). In the case that both questions were available, attendance question MUST be used. This variable must ALWAYS have a note specifying which question (attendance/ enrolment) had been used to create it. Does not include pre-school or kindergarten programs. Value must be missing for others. Does not require one to have completed any level. Adults currently attending literacy programs are considered as attending school (PATSCH = 1) In case the person is not currently attending school but there is no information on whether he attended school and left or never attended school use information from PEDUC to impute the right value. | Dummy variable | 0 No 1 Yes | 2 Previously enrolled 3 Never enrolled 1 Currently enrolled | INDs aged 6+ | A | edu_status | For 55 individuals aged 51 years of age or older, the status of enrolment is reported currently enrolled; those were corrected previously enrolled after checking their households. For another 902 individuals aged 25-50 years old and for whom the status of enrollment is reported currently enrolled; no corrections could be done. |
| PENROL | Level of schooling presently attending | PENROL ideally provides information on the level of education in which the individual is enrolled. | For persons presently attending school (PATSCH=1), value missing for others. For secondary school, if not specified in the questionnaire, it is assumed that it is an academic secondary school. For the surveys where is no distinction between university and post university they are considered as university As with PEDUC, we recommend that PENROL be restructured as a categorical variable appropriate to the analysis. | Harmonized Categorical variable | 1 Primary 2 Lower secondary 3 Higher secondary- academic 4 Higher Secondary-technical/vocational 5 Post secondary technical 6 University 7 Postgraduate 8 Other | hhm_edu_level=1 Primary 1 hhm_edu_level=2 Primary 2 hhm_edu_level=3 Primary 3 hhm_edu_level=4 Primary 4 hhm_edu_level=5 Primary 5 hhm_edu_level=16 Non-formal education and age<14 Illiterate, read or read and write and age <14 hhm_edu_level=6 Primary 6 hhm_edu_level=7 Primary 7 hhm_edu_level=8 Primary 8 hhm_edu_level=9 Secondary 1 hhm_edu_level=10 Secondary 2 hhm_edu_level=11 Secondary 3 hhm_edu_level=12 Secondary 4 hhm_edu_level=17 Post secondary technical education hhm_edu_level=13 University first degree hhm_edu_level=14 Master degree hhm_edu_level=15 PhD hhm_edu_level=16 Non-formal education & age >=14 Illiterate, read or read and write and age >=14 | Currently enrolled INDs aged 6+ | A | age literacy edu_status hhm_edu_level | |
| ATYPSCH | Type of school attending | Provides information on the type of school the person is currently attending | Only for persons currently at school (PATSCH=1). Value must be missing for others. Public includes fully government owned as well as semi-public organization. Private are facilities run by non-governmental organizations (e.g. NGOs, religious institutions) or by private entities. Other refers to schools that cannot be categorized in the above classification such as community schools run by local parent groups. Does not include pre-school or kindergarten. For adults attending literacy programs use "Other" | Harmonized Categorical variable | 1 Public 2 Private 3 Koranic 4 Adult literacy 5 Other | | Currently enrolled INDs aged+ | | | |
| PVOC | Received any vocational training | Provides information on whether the person received any type of vocational training even if received outside the formal schooling system | | Dummy variable | 0 No 1 Yes | | All INDs aged+ | / | | |
| PTYPVOC | Type of vocational training received | Provides information on the type of vocational training received even if received outside the formal schooling system | For those who did not receive any type of vocational training the variable will be coded "0" None | Harmonized Categorical variable | 0 None 100 Carpentry 200 Construction 210 Brick laying 300 Computer 400 Motor mechanics 500 Electrical 600 Catering 700 Sewing/tailoring 800 Nursing/first aid 900 Other | | All INDs aged+ | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|------------------------------------|--------------------|---|---|---------------------------------|---|-----------------------------------|------------------------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| FILE LEVEL: PERSON | | | | | | | | | | |
| IDEAL UNIVERSE: ALL INDIVIDUALS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: AT PRESENT | | | | | | | | | | |
| CATEGORY: HEALTH | | | | | | | | | | |
| PSDISABL | Disability status | Indicates whether the individual have any type of disability or not | | Dummy variable | 0 No | | All INDS | / | | |
| | | | | | 1 Disabled | | | | | |
| PTDISABL | Type of disability | This variable specifies, if available, the type of disability. | | Harmonized Categorical variable | 1 Blindness | | INDS reported disabled | / | | |
| | | | | | 2 Deafness | | | | | |
| | | | | | 3 Muteness | | | | | |
| | | | | | 4 Speech disability | | | | | |
| | | | | | 5 Walking disability | | | | | |
| | | | | | 6 Physical (movement) disability | | | | | |
| | | | | | 7 Limp disability | | | | | |
| | | | | | 8 Mental retardation | | | | | |
| | | | | | 9 Multiple disability | | | | | |
| | | | | | 10 Other | | | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|------------------------------------|---|--|---|---------------------------------|--|--|---------------|-----|---|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| FILE LEVEL: PERSON | | | | | | | | | | |
| IDEAL UNIVERSE: ALL INDIVIDUALS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: AT PRESENT | | | | | | | | | | |
| CATEGORY: LABOR | | | | | | | | | | |
| PCLFS | Labor force status in the current period | Current labor force status that distinguishes between the employed, the unemployed, and those not in the labor force. | Variable is constructed for all persons administered this module in each questionnaire. For this reason the lower age cut-off (and perhaps upper age cut-off) at which information is collected will vary from country to country. All persons are considered active in the labor force if they presently have a job (formal or informal, i.e. are employed) or do not have a job but are actively seeking work (i.e. unemployed). Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Harmonized Categorical variable | 1 Active 2 Inactive 99 Not stated | -2 First-time Job Searcher -1 Long-term Unemployed 1 Employed, over 20 hours per week 2 Employed, 20 hours and less 0 Inactive members aged >=10 years and for whom the variable is missing | INDs aged 15+ | A | emp_7d_d | |
| PCMAS | Main activity status in the current period [Standardized version] | Main activity status with respect to the labor force, that distinguishes between the employed and the not employed. The employed are those for whom work is the main activity, while for all the others, the main activity should attempt to distinguish between pensioners, students, and homemakers. | The reference period might be the last 12 months or the current time period. Unlike PCLFS, the main distinction in PCMAS is between: - "Employed" -those who, during the reference period, carried out ANY employment (any type or any extent) - even just one occasional hour of paid work or irregular unpaid family work (ILO definition). Among the employed, the variable should distinguish, if available, between those employed at work and those on leave - "Not Employed" . The rationale is that individuals do not generally spend their time "being unemployed" , but use the time in unemployment to participate in other activities (e.g., attending school or being a housewife). Unemployment will generally be considered the primary activity only if the individual states that unemployment is his/her primary activity (e.g., unemployed and actively searching for a job) or if the individual is registered as unemployed and does not indicate significant participation in any other activity. In these cases, the individuals will be assigned to their own category among the "Not Employed" . Accordingly, "Not Employed" are classified into: - Unemployed - individuals who are not employed according to the definition above, and who report that they are unemployed. - Not in Labor Force / Inactive - individuals identifiable as being neither employed nor unemployed, by the definitions above. If possible, the inactive category should distinguish between the retired, students, and homemakers. - Not Employed / Unemployed or Not in Labor Force - In some cases, it is not possible to distinguish between those who are unemployed and those who are inactive, but it is possible to determine that they are not employed. In those cases where it is not feasible to determine unemployed versus inactive status, these individuals will be coded as "Not Employed". In some surveys individuals are classified as employed students (or employed housewives) in that case they are considered as active in PCLFS and classified student (or housewives) in PCMAS. A cross tab between the two variables will permit to distinguish employed students (or housewives) from inactive ones. A proper documentation should particularly be done for those cases during harmonization process | Harmonized Categorical variable | 1 Employed 2 Unemployed 3 Homemaker (Housewife) 4 Student 5 Pensioners/retired/disabled 6 Others 99 Not stated | emp_7d_d=1 Employed, over 20 hrs per week emp_7d_d=2 Employed, 20 hrs per week or less emp_7d_inac=13 Doing unpaid volunteer work hhm_job_search_no=14 Doing unpaid volunteer work hhm_job_search_no=-1 Already has a job emp_7d_inac=8 Bad weather, low season/waiting for high season emp_7d_inac=9 Trying to start a business emp_7d_inac=10 Paid leave emp_7d_inac=11 Unpaid leave hhm_job_search_no=8 Waiting for busy season hhm_job_search_no=9 Trying to start a business hhm_job_search_no=10 Paid leave hhm_job_search_no=11 Unpaid leave hhm_job_search_no=12 Low season/bad weather emp_7d_d=-1 Long term unemployed emp_7d_d=-2 First time job searcher emp_7d_inac=12 Lost or quit work emp_7d_d =0 AND emp_7d_act=1 emp_available=1 AND hhm_job_search=1 hhm_job_search_no=7 Waiting for reply from employer hhm_job_search_no=13 Lost/quit work emp_7d_inac=6 Waiting for reply from employer emp_7d_inac=5 Taking care of own household/family hhm_job_search_no=6 Taking care of own household/family emp_7d_inac=3 In school hhm_job_search_no=3 In school emp_7d_inac=4 Too young/too old for work, or retired hhm_job_search_no=5 Retired emp_7d_inac=2 Sickness or disability hhm_job_search_no=4 Too young/too old to work hhm_job_search_no=1 Ill/Sick hhm_job_search_no=2 Disabled emp_7d_inac=7 Lost hope to find work emp_7d_inac=1 Insecurity or conflict emp_7d_inac=14 Husband would not allow it emp_7d_inac=15 Other hhm_job_search_no=0 Insecurity/conflict hhm_job_search_no=15 Husband would not allow me hhm_job_search_no=16 Does not expect to find work members aged >=10 years and for whom the variable is missing | INDs aged 15+ | A | emp_7d_d emp_7d_inac emp_7d_act emp_available hhm_job_search_no | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---|---|---|---|---------------------------------|---|---|---------------|-----|---|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PCMAS_D | Main activity status in the current period [Detailed version] | Main activity status with respect to the labor force, that distinguishes between the employed and the not employed. The employed are those for whom work is the main activity, while for all the others, the main activity should attempt to distinguish between pensioners, students, and homemakers. This detailed variable distinguishes as well between different types of employment and unemployment. | | Harmonized Categorical variable | 100 Employed | emp_7d_d=1 Employed, over 20 hrs per week emp_7d_d=2 Employed, 20 hrs per week or less emp_7d_inac=13 Doing unpaid volunteer work hhm_job_search_no=14 Doing unpaid volunteer work hhm_job_search_no=-1 Already has a job | INDs aged 15+ | A | emp_7d_d emp_7d_inac emp_7d_act emp_available hhm_job_search_no | |
| | | | | | 110 Employed during last week | | | | | |
| | | | | | 120 Employed but temporary absent from work | emp_7d_inac=8 Bad weather, low season/waiting for high season emp_7d_inac=9 Trying to start a business emp_7d_inac=10 Paid leave emp_7d_inac=11 Unpaid leave hhm_job_search_no=8 Waiting for busy season hhm_job_search_no=9 Trying to start a business hhm_job_search_no=10 Paid leave hhm_job_search_no=11 Unpaid leave hhm_job_search_no=12 Low season/bad weather | | | | |
| | | | | | 130 Waiting to go back to previous job | | | | | |
| | | | | | 140 Found a job and waiting for the start date | | | | | |
| | | | | | 150 Employed (1-14 hours) weekly | | | | | |
| | | | | | 160 Employed (15 hours or more) weekly | | | | | |
| | | | | | 170 Employed (35 hours or more) weekly | | | | | |
| | | | | | 180 Managing own properties | | | | | |
| | | | | | 200 Unemployed | | | | | |
| | | | | | 210 Unemployed ever worked (looking for a job) | Reported a previous job, searching for a job AND: emp_7d_d=-1 Long term unemployed emp_7d_inac=12 Lost or quit work emp_7d_d =0 AND emp_7d_act=1 emp_available=1 AND hhm_job_search=1 hhm_job_search_no=7 Waiting for reply from employer hhm_job_search_no=13 Lost/quit work emp_7d_inac=6 Waiting for reply from employer | | | | |
| | | | | | 220 Unemployed never worked (looking for a job) | Did not report a previous job searching for a job AND: emp_7d_d=-2 First time job searcher emp_7d_inac=12 Lost or quit work emp_7d_d =0 AND emp_7d_act=1 emp_available=1 AND hhm_job_search=1 hhm_job_search_no=7 Waiting for reply from employer hhm_job_search_no=13 Lost/quit work emp_7d_inac=6 Waiting for reply from employer | | | | |
| | | | | | 230 Temporary unemployed (in military services) | | | | | |
| | | | | | 300 Homemaker (Housewife) | emp_7d_inac=5 Taking care of own household/family hhm_job_search_no=6 Taking care of own household/family | | | | |
| | | | | | 310 Homemaker | | | | | |
| | | | | | 320 Housewife | | | | | |
| | | | | | 330 Working housewife | | | | | |
| | | | | | 400 Student | emp_7d_inac=3 In school hhm_job_search_no=3 In school | | | | |
| | | | | | 410 Working student | | | | | |
| | | | | | 500 Pensioners/retired/disabled | emp_7d_inac=4 Too young/too old for work, or retired | | | | |
| | | | | | 510 Pensioners | | | | | |
| | | | | | 520 Retired | hhm_job_search_no=5 Retired | | | | |
| | | | | | 530 Disabled | emp_7d_inac=2 Sickness or disability | | | | |
| | | | | | 540 Unable to work | | | | | |
| | | | | | 550 Old | hhm_job_search_no=4 Too young/too old to work | | | | |
| | | | | | 560 Disabled/Old/III | hhm_job_search_no=1 Ill/Sick hhm_job_search_no=2 Disabled | | | | |
| | | | | | 600 Others | emp_7d_inac=7 Lost hope to find work emp_7d_inac=1 Insecurity or conflict emp_7d_inac=14 Husband would not allow it emp_7d_inac=15 Other hhm_job_search_no=0 Insecurity/conflict hhm_job_search_no=15 Husband would not allow me hhm_job_search_no=16 Does not expect to find work | | | | |
| | | | | | 610 Out of labor force | | | | | |
| | | | | | 620 Out of human force | | | | | |
| | | | | | 630 Have income/revenue/means | | | | | |
| 640 In prison or in hospital | | | | | | | | | | |
| 650 Not working and not looking for a job | | | | | | | | | | |
| 660 Landlord | | | | | | | | | | |
| 670 Child | | | | | | | | | | |
| 999 Not stated | members aged >=10 years and for whom the variable is missing | | | | | | | | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|----------------|---|---|--|---|--|--|------------------------------------|------|--|--|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PCEMS | Status of Employment | Detailed description of the employment status (employee, own-account workers, employer, unpaid family worker, etc.) in (current or last held) job, ideally following the ICSE classification . | The lower age cutoff (and perhaps upper age cutoff) at which information is collected will vary from country to country. Definitions taken from the International Labor Organizations Classification of Status in Employment with some revisions to take into account the data available. Employee includes anyone whose basic remuneration is not directly dependent on the revenue of the unit they work for, typically remunerated by wages and salaries but may be paid for piece work or in-kind. The continuous criteria used in the ILO definition is not used here as data are often absent and due to country specificity. Public includes quasi-government organizations. Employer is a business owner (whether alone or in partnership) with employees. If the only people working in the business are the owner and contributing family workers, the person is not considered an employer (as has no employees) and is, instead classified as own account. Own account or self-employment: jobs are those where remuneration is directly dependent from the goods and service produced (where home consumption is considered to be part of the profits) and have not engaged any permanent employees to work for them on a continuous basis during the reference period. Members of producers cooperatives are workers who hold a self-employment job in a cooperative producing goods and services. Contributing family workers are those workers who hold a self-employment job in a market-oriented establishment operated by a related person living in the same households who cannot be regarded as a partner because of their degree of commitment to the operation of the establishment, in terms of working time or other factors, is not at a level comparable to that of the head of the establishment. Workers not classifiable by status (code 6) include those for whom insufficient relevant information is available and/or who cannot be included in any of the preceding categories. The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Active sample reported as "not stated (code 99)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported. Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Harmonized Categorical variable | 1 Employee | 1 Paid employee 5 Unpaid working for others | Ever-employed Active INDs aged 15+ | A | emp_status | All work related characteristics are missing for those reported employed but temporary absent from work in PCMAS_D (Code 120), thus the percentage of "not stated" may reach 40 % or more in the corresponding harmonized variables. |
| | | | | | 2 Employer | 2 Employer | | | | |
| | | | | | 3 Own account, self-employed | 3 Own account worker | | | | |
| | | | | | 4 Contributing (unpaid) family workers | 4 Unpaid family worker | | | | |
| | | | | | 5 Member of producers cooperatives | | | | | |
| | | | | | 6 Workers not classifiable by status (other) | | | | | |
| | | | | | 99 Not stated | members aged >=10 years and for whom the variable is missing | | | | |
| POCC | Occupation classification for the main job [Standardized version] | Occupation classification for the main (current or last held) job, standardized on a 1-digit coding level. The lower age cut-off (and perhaps upper age cut-off) at which information is collected will vary from country to country. Classifies the main job of any individual with a job (EMPLOYED=1) and is missing otherwise. As most surveys collected detailed information and then coded it using national classifications, and the original data is not in the data bases, no attempt has been made to correct or check the original coding. The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Active sample reported as "not stated (code 999)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported. Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Harmonized Categorical variable | 10 Legislators, senior officials and managers | 1 Manager | Ever-employed Active INDs aged 15+ | A | isco | All work related characteristics are missing for those reported employed but temporary absent from work in PCMAS_D (Code 120), thus the percentage of "not stated" may reach 40 % or more in the corresponding harmonized variables. | |
| | | | | 20 Professionals | 2 Professional | | | | | |
| | | | | 30 Technicians and associate professionals | 3 Technician or associate professional | | | | | |
| | | | | 40 Clerks | 4 Clerical support worker | | | | | |
| | | | | 50 Service workers and shop and market sales | 5 Services and sales worker | | | | | |
| | | | | 60 Skilled agricultural and fishery workers | 6 Skilled agricultural and fishery worker | | | | | |
| | | | | 70 Craft and related trades | 7 Craft and related trades worker | | | | | |
| | | | | 80 Plant and machine operators and assemblers | 8 Plant and machine operator | | | | | |
| | | | | 90 Elementary occupations | 9 Elementary occupations | | | | | |
| | | | | 100 Armed Forces | 10 Armed forces | | | | | |
| | | | | 998 Other/unspecified | | | | | | |
| 999 Not stated | members aged >=15 years and for whom the variable is missing | | | | | | | | | |
| POCC_unrecoded | Occupation classification for the main job [Unrecoded version] | Occupation classification for the main (current or last held) job, an unrecoded version presenting codes as collected and received in the original dataset | The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Active sample reported as "not stated (code 9999)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported. Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Categorical variable | | Ever-employed Active INDs aged 15+ | A | isco | All work related characteristics are missing for those reported employed but temporary absent from work in PCMAS_D (Code 120), thus the percentage of "not stated" may reach 40 % or more in the corresponding harmonized variables. | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|----------------|---|--|---|---------------------------------|--|---|--|--------------------|--|--|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PIND | Industry classification for the main job [Standardized version] | Industry classification for the main (current or last held) job, standardized on a 1-digit coding level. | <p>In many datasets national classifications are used. The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing.</p> <p>Active sample reported as "not stated (code 999)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported.</p> <p>Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing.</p> | Harmonized categorical variable | 10 Agriculture and Fishing | 11 Mainly crop production 12 Mainly livestock production 13 Mainly forestry 14 Mainly fishing | Ever-employed Active INDs aged 15+ | A | emp_7d_prim_sector | All work related characteristics are missing for those reported employed but temporary absent from work in PCMAS_D (Code 120), thus the percentage of "not stated" may reach 40 % or more in the corresponding harmonized variables. |
| | | | | | 20 Mining | 21 Mining and quarrying | | | | |
| | | | | | 30 Manufacturing | 22 Manufacturing | | | | |
| | | | | | 40 Electricity and Utilities | 23 Electricity, gas, steam and air 24 Water and waste | | | | |
| | | | | | 50 Construction | 25 Construction | | | | |
| | | | | | 60 Commerce | 26 Whole sale, retail and repair of motor vehicles | | | | |
| | | | | | 70 Transportation, Storage and Communication | 27 Transportation and storage 28 Accommodation and food service 29 Information and communication | | | | |
| | | | | | 80 Financial, Insurance and Real Estate | 30 Financial and insurance 31 Real estate | | | | |
| | | | | | 90 Public Administration and Defence | 33 Administrative and support 34 Public administration 35 Defense / Security | | | | |
| | | | | | 100 Other Services | 32 Professional, scientific, technical 36 Education 37 Human health and social work 38 Arts, entertainment and recreation 39 Other service activities 41 Activities for extraterritorial organizations | | | | |
| | | | | | 998 Unspecified | 42 Paid domestic household work 43 Unpaid domestic household work | | | | |
| 999 Not stated | members aged >=15 years and for whom the variable is missing | | | | | | | | | |
| PIND_unrecoded | Industry classification for the main job [Unrecoded version] | Industry classification for the main (current or last held) job, an unrecoded version presenting codes as collected and received in the original dataset | <p>The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing.</p> <p>Active sample reported as "not stated (code 9999)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported.</p> <p>Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing.</p> | Categorical variable | | Ever-employed Active INDs aged 15+ | A | emp_7d_prim_sector | All work related characteristics are missing for those reported employed but temporary absent from work in PCMAS_D (Code 120), thus the percentage of "not stated" may reach 40 % or more in the corresponding harmonized variables. | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|---------------|---|---|---|--|--|--------------------------------|---------------------------------------|-----|----------------------------------|---------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| PTYPEWK | Sector of employment [Standardized version] | Sector of employment (i.e. private versus public sector workers) of the (current or last held) primary job. | Cooperative includes also employee in joint ventures. Other include workers in national NGOs and in private households Foreign includes workers in international NGOs Quai public sectors are considered as public. In case there is no distinction between Government and public (the survey mixes both categories) we use the classification used in the original data. The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Active sample reported as "not stated (code 99)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported. | Harmonized categorical variable | 1 Government 2 Public sector 3 Private sector 4 Joint/Cooperative 5 Foreign sector 6 Other 99 Not stated | | Ever-employed Active INDs aged+ | / | | |
| PTYPEWK_D | Sector of employment [Detailed version] | Sector of employment (i.e. private versus public sector workers) of the (current or last held) primary job. This variable distinguishes between different types of public and private sector as well as other types of sectors (foreign, cooperative,). | The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Active sample reported as "not stated (code 999)" should normally include employed for whom the status was not identified and unemployed previously employed if status in last job is not reported. Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Harmonized categorical variable | 100 Government 110 Government- National 120 Government- Foreign 130 Government- Federal 140 Government- Local 200 Public sector 210 Economic institutions 300 Private sector 310 Private investment 320 Private- National 330 Private- National inside establishment 340 Private- National outside establishment 350 Private- Foreign 360 Private- Foreign inside establishment 370 Private- Foreign outside establishment 380 Private- Families 400 Joint/Cooperative 410 Joint 420 Cooperative 430 Joint local sector 500 Foreign sector 510 Diplomatic bodies 600 Other 610 Non-governmental organizations 620 Non-profit associations 630 Charitable association 640 Outside establishment 650 Outside the country 660 UNRWA 999 Not stated | | Ever-employed Active INDs aged+ | / | | |
| PTENURE | Tenure in current job | Duration of time worked in main (current or last held) job. | PTENURE may be provided directly in the data or may be calculated from calendar data or a combination of questions. The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Semi-standardized continuous variable when information is provided in continuous years | | | Ever-employed Active INDs aged+ | / | | |
| PWEEKTL | Total weeks worked | Number of weeks worked in a year | PWEEKTL provides the number of weeks worked in any job (full- or part-time) during the reference period. The variable should generally cover the active sample (employed and unemployed if previously employed). While for Unemployed never previously employed, the variable was coded missing. Those unemployed and do not search for a job are considered inactive, hence their previous employment information, if they were ever active, is recoded missing. | Semi-standardized continuous variable when provided weeks are continuous | | | Ever-employed Active INDs aged+ | / | | |

| Variable Name | Variable Label | Contents | General Comments / Warnings /Formula- if ERF generated /Recommendations | Variable type | Standardized Values and Value Labels | Somalia, HFS 2016 | | | | |
|----------------------------------|-----------------------------------|---|--|---------------------|---|-----------------------------------|----------------|-----|--|------------------------------|
| | | | | | | Survey Values and Value Labels | Universe | Key | Variable(s) used from the survey | Country specific comments |
| FILE LEVEL: PERSON | | | | | | | | | | |
| IDEAL UNIVERSE: ALL INDIVIDUALS | | | | | | | | | | |
| IDEAL REFERENCE PERIOD: ONE YEAR | | | | | | | | | | |
| CATEGORY: ANNUAL INCOME | | | | | | | | | | |
| | | | All income variables are recorded as yearly amounts. ERF annualizes the amounts, if not provided as such in original data. Annual income amounts should be reported in country national currency. Non-existing social benefits or other income sources are recorded as 0. A check for outliers is necessary before conducting any analysis on the income data. Extreme cases were detected in the original variables: however the appropriate method to deal with it was left to the user's judgment. | | | | | | | |
| PGWAG | Gross wages and salaries | Cash wage and salary income (including employer bonuses, 13th month bonus, etc.), gross of employee social insurance contributions/taxes but net of employer social insurance contributions/taxes. | When employer-provided sick pay can not be separated, it is included in the wages. In case there is no precision about whether the wage is net or gross we assume it is gross wage If incomes are not available at the individual level, the variable is constructed directly from household level original information. | Continuous variable | | | Income earners | / | | |
| PNWAG | Net wages and salaries | Cash wage and salary income (including employer bonuses, 13th month bonus, etc.), net of employer and employee social insurance contributions and taxes. | | Continuous variable | | | Income earners | / | | |
| PIKEAR | In-kind earnings | In-kind income as a substitute or complement for cash wages. Includes, for example, the value of company cars, meals, housing, electricity, medical expenses, child care etc. paid or partly paid by the employer. | It does not exist on its own at the person level. | Continuous variable | | | Income earners | / | | |
| PSINIC | Self-employment income | Profit/loss from unincorporated enterprises. The income is recorded gross of social insurance contributions (but net of expenses). | Self-employment income is often collected with a different reference period than other more regular incomes; for example, it could refer to the last financial year for which business accounts for the purposes of taxation were prepared. Includes imputed income from owner occupied dwellings and own produced food for home consumption If farm and non-farm self-employment income are not supplied separately, users can try to split them at the individual level | Continuous variable | | | Income earners | / | | |
| PRENTAL | Income less expenses from rentals | Rentals from dwellings, business buildings, vehicles, equipment, etc excludes rent from land | | Continuous variable | | | Income earners | / | | |
| PPROINC | Property income | Interest received less interest paid Dividends Rent from land | | Continuous variable | | | Income earners | / | | |
| PTRANSF | Current transfers received | Social insurance, assistance, inter-household transfers, regular support received such as charities, disability pensions, allowances, benefits etc. Child/family benefits | | Continuous variable | | | Income earners | / | | |
| PTRPAID | Current transfers paid | Employers' social insurance contributions Employees' social insurance contributions Taxes on income less refund Regular taxes on wealth Regular inter-household cash transfers Regular cash transfers to charities | In some datasets mandatory social insurance contributions are recorded together with the taxes and are, therefore, included here. If the original data only has one tax variable with all the taxes lumped together, the variable is included here. If the original survey only asked for net incomes, this variable usually remains empty. In many datasets, income taxes are not asked directly to the respondents but simulated through a taxation micro simulation model. | Continuous variable | | | Income earners | / | | |
| <u>PTOTDINC</u> | Total disposable income | | <u>PGWAG+PSINIC+PRENTAL+ PPROINC+PTRANSF</u> | Continuous variable | | | Income earners | / | | |
| <u>PTOTINC</u> | Total income | | <u>PTOTDINC+PTRPAID</u> | Continuous variable | | | Income earners | / | | |