

Census 2022 Metadata *(Household information)*

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IMPROVING LIVES THROUGH DATA ECOSYSTEMS



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HOUSEHOLD FILE

1. Household head and composition information

Unique household identifier (*QID*) (@1 8)

Valid Range
10000003 -91338294

Note to users

This is the unique 8-digit household identifier, also used to link data from this file with data from other files.

Household size (*DERH_HSIZE*) (@9 2.)

Description

It indicates the average number of persons in a household.

Universe

The derived variable is only applicable to conventional households.

Valid values

- Number of persons in a household should be from:
 - 1 through 10 persons

Age of head of the household (*DERH_HHAGE*) (@11 3.)

Population group of the household head (*DERH_HHPOP*) (@14 1.)

Description

This is a derived variable indicating the population group of the head of the household.

Universe

All population groups for heads of households in conventional households.

Derivation

This is derived from population group and relationship to the head of household as well as age in completed years variables as follows:

- if **P05_RELATION** =1 and **P07A_POP_GROUP** =1 and **P04_AGE** >11 then **POPGRP_HEAD** =1
- if **P05_RELATION** =1 and **P07A_POP_GROUP** =2 and **P04_AGE** >11 then **POPGRP_HEAD** =2
- if **P05_RELATION** =1 and **P07A_POP_GROUP** =3 and **P04_AGE** >11 then **POPGRP_HEAD** =3
- if **P05_RELATION** =1 and **P07A_POP_GROUP** =4 and **P04_AGE** >11 then **POPGRP_HEAD** =4
- if **P05_RELATION** =1 and **P07A_POP_GROUP** =5 and **P04_AGE** >11 then **POPGRP_HEAD** =5

Final code list:

- 1 = Black African
- 2 = Coloured
- 3 = Indian or Asian
- 4 = White
- 5 = Other

Gender of the household head (DERH_HHSEX)

(@15 1.)

Description

This is a derived variable indicating the sex of head of the household.

Universe

All households (Census 2022 CAPI/CATI Household questionnaire).

Derivation

This is derived from sex and relationship to head of household as well as age in completed years variables as follows:

- **if P05_RELATION =1 and P02_SEX=1 and P04_AGE >11 then SEX_HEAD=1;**
- **else if P05_RELATION =1 and P02_SEX=2 and P04_AGE >11 then SEX_HEAD=2;**

Final code list

- 1 = Male
- 2 = Female

2. Housing

Type of living quarters (H01_QUARTERS)

(@16 1.)

Living quarters are structurally separate and independent places of abode. They may have been constructed, built, converted or arranged for human habitation. This question is used to distinguish between households residing in conventional dwellings and non-conventional dwellings.

H01	<p>TYPE OF LIVING QUARTERS</p> <p>What is the type of these living quarters?</p> <ul style="list-style-type: none"> 1 = Dwelling unit/private dwelling 2 = Converted hostel (e.g. family unit) 3 = Residential hotel 4 = Residential facility for older persons 5 = Other <p style="margin-left: 200px;">} If 3 to 5, go to H05</p>
-----	---

Note to Users

Response categories 1 (dwelling unit/private dwelling) and 2 (converted hostel e.g., family unit) form what is referred to as conventional dwellings. Households published in census products are households that resided in conventional dwellings on Census 2022 reference night.

Universe

All households.

Final code list

- 1 = Dwelling unit/private dwelling
- 2 = Converted hostel (e.g., family unit)
- 3 = Residential hotel
- 4 = Residential facility for older persons
- 5 = Other
- 8 = Not applicable
- 9 = Unspecified

Type of main dwelling (*H02_MAINDWELLING*)

(@17 2.)

H02	<p>Which of the following best describes the MAIN dwelling that this household currently lives in?</p> <ul style="list-style-type: none"> 01 = Formal dwelling/house or brick/concrete block structure on a separate stand or yard or on farm 02 = Traditional dwelling/hut/structure made of traditional materials 03 = Flat or apartment in a block of flats/flat or apartment in a block of flats in a complex 04 = Cluster house in complex 05 = Town house (semi-detached house in complex) 06 = Semi-detached house 07 = Formal dwelling/house/flat/room in backyard/servants' quarters/granny flat/cottage 08 = Informal dwelling/shack in backyard 09 = Informal dwelling/shack not in backyard, e.g. in an informal/squatter settlement or on farm 10 = Caravan/tent 11 = Other
-----	--

Note to users

This question is about the MAIN dwelling unit/structure that the household occupies.

Universe

All households whose living quarters were classified as dwelling unit/private dwelling (1) or converted hostel) in *H01_QUARTERS*.

Final code list

- 1 = Formal dwelling/house or brick/concrete block structure on a separate stand or yard or on farm
- 2 = Traditional dwelling/hut/structure made of traditional materials
- 3 = Flat or apartment in a block of flats/flat or apartment in a block of flats in a complex
- 4 = Cluster house in complex
- 5 = Town house (semi-detached house in complex)
- 6 = Semi-detached house
- 7 = Formal dwelling/house/flat/room in backyard/servants' quarters/granny flat/cottage
- 8 = Informal dwelling/shack in backyard
- 9 = Informal dwelling/shack not in backyard, e.g., in an informal/squatter settlement or on farm
- 10 = Caravan/tent
- 11 = Other
- 88 = Not applicable

Tenure status (*H03_TENURE*)

(@19 1.)

H03	<p>What is the tenure status of the MAIN dwelling that this household currently occupies?</p> <p>1 = Rented from private individual 2 = Rented from other (including municipality and social housing institutions) 3 = Owned, but not yet paid off 4 = Owned and fully paid off 5 = Occupied rent-free 6 = Other 7 = DO NOT KNOW</p>
-----	---

Note to users

Tenure status determines the terms under which the household occupies the dwelling that they are living in, i.e., the financial arrangements under which someone has the right to live in a dwelling. This refers to the main dwelling structure only and not to the land that it is situated on.

Universe

All households whose living quarters were classified as dwelling unit/private dwelling (1) or converted hostel) on the type of living quarters question.

Final code list

- 1 = Rented from private individual
- 2 = Rented from other (including municipality and social housing institutions)
- 3 = Owned, but not yet paid off
- 4 = Owned and fully paid off
- 5 = Occupied rent-free
- 6 = Other
- 7 = Do not know
- 8 = Not applicable
- 9 = Unspecified

H04_RDP

(@20 1.)

H04	<p>Is the MAIN dwelling that the household currently lives in a RDP or government subsidised dwelling? Do not include housing subsidies for government employees.</p> <p>1 = YES 2 = NO 3 = DO NOT KNOW</p>
-----	--

Note to users

Government subsidised housing, commonly referred to as RDP housing is a programme that provides beneficiaries with a fully built house that is provided free of charge by the government. Housing subsidies for government employees is not included.

Universe

All households whose living quarters were classified as dwelling unit/private dwelling (1) or converted hostel) on the type of living quarters question.

Final code list

- 1 = Yes
- 2 = No

- 3 = Do not know
- 8 = Not applicable
- 9 = Unspecified

3. Water and sanitation

Piped water (*H05_WATERPIPED*)

(@21 1.)

H05	<p>In which way does this household mainly get piped water for household use?</p> <ul style="list-style-type: none"> 1 = Piped (tap) water inside the dwelling/house 2 = Piped (tap)water inside the yard 3 = Piped water on community stand: distance less than 200m from dwelling 4 = Piped water on community stand: distance between 200m and 500m 5 = Piped water on community stand: distance between 500m and 1000m (1km) from dwelling 6 = Piped water on community stand: distance greater than 1000m (1km) from dwelling 7 = No access to piped water
-----	---

Note to users

The question excludes water used for non-domestic purposes, e.g., water used for gardens or livestock/agricultural purposes.

Universe

All households.

Final code list

- 1 = Piped (tap) water inside the dwelling/house
- 2 = Piped (tap)water inside the yard
- 3 = Piped water on community stand: distance less than 200m from dwelling
- 4 = Piped water on community stand: distance between 200m and 500m
- 5 = Piped water on community stand: distance between 500m and 1000m (1km) from dwelling
- 6 = Piped water on community stand: distance greater than 1000m (1km) from dwelling
- 7 = No access to piped water

Source of water (*H06_WATERSOURCE*)

(@22 1.)

H06	<p>What is the household’s main source of water for household use?</p> <ul style="list-style-type: none"> 1 = Regional/local water scheme (operated by municipality or other service provider) 2 = Borehole 3 = Spring 4 = Rain water tanker 5 = Dam/pool/stagnant water 6 = Flowing water/stream/river 7 = Water vendor 8 = Water tanker 9 = Other <div style="display: flex; align-items: center; margin-left: 20px;"> <div style="font-size: 3em; margin-right: 5px;">}</div> <div style="color: blue; font-weight: bold;">If 2-9, go to H08</div> </div>
-----	--

Universe

All households.

Final code list

- 1 = Regional/local water scheme (operated by municipality or other service provider)
- 2 = Borehole
- 3 = Spring
- 4 = Rainwater tanker
- 5 = Dam/pool/stagnant water
- 6 = Flowing water/stream/river
- 7 = Water vendor
- 8 = Water tanker
- 9 = Other

Reliability of water supply (*H07A_WATERSUPPLY*)

(@23 1.)

H07a	<p>In the last 12 months, has this household had any water interruptions in piped water supply, even though you paid your bill or bought sufficient pre-paid units?</p> <p>1 = YES 2 = NO 3 = DO NOT KNOW } If 2 or 3, go to H08</p>
------	--

Note to users

The question only applied to households whose water is supplied by a municipality, i.e., those households who responded regional/local water scheme operated by the municipality/other service provider (1) to the question. Scheduled water shedding does not qualify as water interruptions for this question.

Universe

All households that responded to the question on water source as regional/local water scheme operated by the municipality/other service provider (1).

Final code list

- 1 = Yes
- 2 = No
- 3 = Do not know
- 8 = Not applicable
- 9 = Unspecified

Toilet facilities (*H08_TOILET*)

(@24 2.)

H08	<p>What is the MAIN type of toilet facility used by this household?</p> <p>01 = Flush toilet connected to a public sewerage system 02 = Flush toilet connected to a septic tank or conservancy tank 03 = Chemical toilet 04 = Pit latrine/toilet with ventilation pipe 05 = Pit latrine/toilet without ventilation pipe 06 = Ecological toilet (e.g. urine diversion, enviroloo, etc.) 07 = Bucket toilet (collected by municipality) 08 = Bucket toilet (emptied by household) 09 = None 10 = Other</p>
-----	--

Universe

All households.

Final code list

- 1 = Flush toilet connected to a public sewerage system
- 2 = Flush toilet connected to a septic tank or conservancy tank
- 3 = Chemical toilet
- 4 = Pit latrine/toilet with ventilation pipe
- 5 = Pit latrine/toilet without ventilation pipe
- 6 = Ecological toilet (e.g., urine diversion, enviroloo, etc.)
- 7 = Bucket toilet (collected by municipality)
- 8 = Bucket toilet (emptied by household)
- 9 = None
- 10 = Other

4. Source of energy

Energy or fuel for cooking (*H09_ENERGY_COOKING*)

(@26 2.)

H09	What is the household's main source of energy for cooking?
	01 = Electricity from mains
	02 = Other source of electricity (e.g. generator)
	03 = Gas
	04 = Paraffin
	05 = Wood
	06 = Coal
	07 = Animal dung
	08 = Solar
	09 = Other
	10 = None

Note to users

This question referred to the main source of energy used for cooking. If multiple sources were used, the one that was used most often was recorded.

Universe

All households.

Final code list

- 1 = Electricity from mains
- 2 = Other source of electricity (e.g., generator)
- 3 = Gas
- 4 = Paraffin
- 5 = Wood
- 6 = Coal
- 7 = Animal dung
- 8 = Solar
- 9 = Other
- 10 = None

Energy or fuel for lighting (*H10_ENERGY_LIGHTING*)

(@28 2.)

H10	<p>What is the household's main source of energy for lighting?</p> <p>1 = Electricity from mains 2 = Other source of electricity (e.g. generator) 3 = Gas 4 = Paraffin 5 = Candles 6 = Solar 7 = Other 8 = None</p>
-----	---

Note to users

This question referred to the main source of energy used for lighting. If multiple sources were used, the one that was used most often was recorded.

Universe

All households.

Final code list

- 1 = Electricity from mains
- 2 = Other source of electricity (e.g., generator)
- 3 = Gas
- 4 = Paraffin
- 5 = Candles
- 6 = Solar
- 7 = Other
- 8 = None

Refuse or rubbish (*H11_REFUSE*)

(@30 1.)

H11	<p>How is the refuse or rubbish of this household MAINLY disposed of or removed?</p> <p>1 = Removed by local authority/private company/community members at least once a week 2 = Removed by local authority/private company/community members less often 3 = Communal refuse dump 4 = Communal container/central collection point 5 = Removed regularly by municipality/ local authority/private company (communal container/central collection point) 6 = Own refuse dump 7 = Dump or leave rubbish anywhere (no rubbish disposal) 8 = Other</p>
-----	--

Note to users

This question seeks to determine how refuse or rubbish is removed by the household. If more than one method was used to remove refuse/rubbish, the fieldworker recorded the one that is utilised most.

Universe

All households.

Final code list

- 1 = Removed by local authority/private company/community members at least once a week

- 2 = Removed by local authority/private company/community members less often
- 3 = Communal refuse dump
- 4 = Communal container/central collection point
- 5 = Own refuse dump
- 6 = Dump or leave rubbish anywhere (no rubbish disposal)
- 7= Other

Note: 4= Communal container/central collection point includes “5 = Removed regularly by municipality/local authority/private company (communal container/central collection point)”

5. Household goods and access to internet

Refrigerator/freezer (*H12_REFRIGERATOR*)

(@31 1.)

H12	Does this household own a/an in working order?	
	A = Refrigerator	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Electrical/gas stove (*H12_ELECTRIC_GAS_STOVE*)

(@32 1.)

H12	Does this household own a/an in working order?	
	B. Electrical/ Gas stove	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Vacuum cleaner (*H12_VACUUM_CLEANER*)

(@33 1.)

H12	Does this household own a/an in working order?	
	C. Vacuum Cleaner	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Washing machine (*H12_WASHINGM*)

(@34 1.)

H12	Does this household own a/an in working order?	
	D. Washing machine	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Computer (*H12_COMPUTER*)

(@35 1.)

H12	Does this household own a/an in working order?	
	E. Computer	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Satellite television (*H12_SATELLITE*)

(@36 1.)

H12	Does this household own a/an in working order?	
	F. Satellite television	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

DVD player (*H12_DVD_PLAYER*)

(@37 1.)

H12	Does this household own a/an in working order?	
	G. DVD Player	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Motor car (*H12_MOTOR_CAR*)

(@38 1.)

H12	Does this household own a/an in working order?	
	H = Motor car	Codes: 1 = YES 2 = NO

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Television (*H12_TELEVISION*)

(@39 1.)

H12	Does this household own a/an in working order?				
	I = Television	<table border="1"> <tr> <td>Codes:</td> </tr> <tr> <td>1 = YES</td> </tr> <tr> <td>2 = NO</td> </tr> </table>	Codes:	1 = YES	2 = NO
Codes:					
1 = YES					
2 = NO					

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Radio (*H12_RADIO*)

(@40 1.)

H12	Does this household own a/an in working order?				
	J. Radio	<table border="1"> <tr> <td>Codes:</td> </tr> <tr> <td>1 = YES</td> </tr> <tr> <td>2 = NO</td> </tr> </table>	Codes:	1 = YES	2 = NO
Codes:					
1 = YES					
2 = NO					

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Landline/Telephone (*H12_LANDLINE*)

(@41 1.)

H12	<p>Does this household own a/an in working order?</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px; width: 40%;"> <p>K. Landline telephone</p> </div> <div style="border: 1px solid black; padding: 2px; width: 30%;"> <p>Codes: 1 = YES 2 = NO</p> </div> </div>
-----	---

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Cellphone (*H12_CELLPHONE*)

(@42 1.)

H12	<p>Does this household own a/an in working order?</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="padding: 2px;">L = Cellphone</div> <div style="border: 1px solid black; padding: 2px; width: 30%;"> <p>Codes: 1 = YES 2 = NO</p> </div> </div>
-----	--

Note to users

The question is about ownership, not access to the household item. The item should be in working order.

Universe

All households.

Final code list

- 1 = Yes
- 2 = No
- 9 = Unspecified

Internet access (*H13_INTERNET_ACCESS*)

(@43 2.)

H13	<p>How does this household <u>MAINLY</u> access internet?</p> <ul style="list-style-type: none"> 1 = Home with an internet connection in the dwelling 2 = Use Cellphone or any other mobile device 3 = From place of work 4 = From a library/community hall/Thusong centre 5 = From school/university/college 6 = From an internet café 7 = Public Wi-Fi? 8 = Other 9 = No access to internet services
-----	--

Universe

All households.

Final code list

- 1 = Home with an internet connection in the dwelling
- 2 = Use cellphone or any other mobile device
- 3 = From place of work
- 4 = From a library/community hall/Thusong centre
- 5 = From school/university/college
- 6 = From an internet café
- 7 = Public Wi-Fi
- 8 = Other
- 9 = No access to internet services
- 99 = Unspecified

6. Food security

Adult hunger (*A4_ADULT_HUNGER*) (@45 1.)

F1	<p>In the last 12 months (between 3 February 2021 and 2 February 2022), did any adult (18 years and older) in this household go hungry because there wasn't enough food?</p> <ul style="list-style-type: none"> 1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always 6 = Not applicable (no adult in the household)
----	---

Universe

All households.

Final code list

- 1 = Never
- 2 = Seldom
- 3 = Sometimes
- 4 = Often
- 5 = Always
- 6 = Not applicable (no adult in the household)
- 9 = Unspecified

Child hunger (*A5_CHILD_HUNGER*) (@46 1.)

F2	<p>In the last 12 months (between 3 February 2021 and 2 February 2022) did any child (17 years and younger) in this household go hungry because there wasn't enough food?</p> <ul style="list-style-type: none"> 1 = Never 2 = Seldom 3 = Sometimes 4 = Often 5 = Always 6 = Not applicable (no child in the household)
----	--

Universe

All households.

Final code list

- 1 = Never
- 2 = Seldom
- 3 = Sometimes
- 4 = Often
- 5 = Always
- 6 = Not applicable (no child in the household)
- 9 = Unspecified

Household weight (*HH_WGT*)

(@47 1.)