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# 2023/24 Kenya Housing Survey

## SURVEY IDENTIFICATION INFORMATION QUESTIONNAIRE DESCRIPTION

**2023/24 KENYA HOUSING SURVEY HOUSEHOLD QUESTIONNAIRE**  
No sub-sections, No rosters, Questions: 14.

**SURVEY STAFF**  
No sub-sections, No rosters, Questions: 3.

**SECTION A:HOUSEHOLD IDENTIFICATION**  
No sub-sections, No rosters, Questions: 3, Static texts: 3, Variables: 2.

**SECTION B: INFORMATION FOR HOUSEHOLD MEMBERS**  
No sub-sections, Rosters: 1, Questions: 85, Static texts: 2, Variables: 2.

**SECTION C: HOUSEHOLD AMENITIES**  
No sub-sections, No rosters, Questions: 54.

**SECTION D: DWELLING UNIT CHARACTERISTICS**  
No sub-sections, Rosters: 1, Questions: 27.

**SECTION E: ENVIRONMENT AND LOCATION**  
No sub-sections, Rosters: 1, Questions: 14.

**SECTION G: TRANSPORT AND INFRASTRUCTURE**  
No sub-sections, No rosters, Questions: 17.

**SECTION H: DISABILITY**  
No sub-sections, No rosters, Questions: 11.

**SECTION I: LAND OWNERSHIP AND TENURE**  
No sub-sections, Rosters: 1, Questions: 21.

**SECTION J:INDIVIDUAL MODULE**

Sub-sections: 1, No rosters, Questions: 29, Static texts: 1, Variables: 5.

## SECTION K: TENANTS

No sub-sections, No rosters, Questions: 55.

## SECTION L: OWNER OCCUPIED MODULE

Sub-sections: 1, Rosters: 5, Questions: 47.

## SECTION M: OWNERS NOT OCCUPYING

No sub-sections, Rosters: 1, Questions: 15.

## SECTION N: CHILD LABOUR

Sub-sections: 3, Rosters: 3, Questions: 81, Static texts: 1.

## END TIME

No sub-sections, No rosters, Questions: 2.

## APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

## APPENDIX B — INSTRUCTIONS

## APPENDIX C — CATEGORIES

## APPENDIX D — VARIABLES

## LEGEND

*SURVEY IDENTIFICATION INFORMATION*  
*QUESTIONNAIRE DESCRIPTION*

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**Basic information**

*Title* 2023/24 Kenya Housing Survey

# 2023/24 KENYA HOUSING SURVEY HOUSEHOLD QUESTIONNAIRE

KHS\_HH

County	<div>SINGLE-SELECT: COMBO BOX</div> <div>A01</div> <div><div>01</div><div><input type="radio"/> Mombasa</div></div> <div><div>02</div><div><input type="radio"/> Kwale</div></div> <div><div>03</div><div><input type="radio"/> Kilifi</div></div> <div><div>04</div><div><input type="radio"/> Tana River</div></div> <div><div>05</div><div><input type="radio"/> Lamu</div></div> <div><div>06</div><div><input type="radio"/> Taita-Taveta</div></div> <div><div>07</div><div><input type="radio"/> Garissa</div></div> <div><div>08</div><div><input type="radio"/> Wajir</div></div> <div><div>09</div><div><input type="radio"/> Mandera</div></div> <div><div>10</div><div><input type="radio"/> Marsabit</div></div> <div><div>11</div><div><input type="radio"/> Isiolo</div></div> <div><div>12</div><div><input type="radio"/> Meru</div></div> <div><div>13</div><div><input type="radio"/> Tharaka-Nithi</div></div> <div><div>14</div><div><input type="radio"/> Embu</div></div> <div><div>15</div><div><input type="radio"/> Kitui</div></div> <div><div>16</div><div><input type="radio"/> Machakos</div></div> <div><a href="#">And 32 other symbols [1]</a></div>
--------	---

Ward	TEXTA07 <div></div>
Residence	SINGLE-SELECTA07_1 01 <input type="radio"/> Rural 02 <input type="radio"/> Urban
Cluster Number	NUMERIC: INTEGERA08 <div></div>
Structure Number	NUMERIC: INTEGERA09 <div></div>
Housing Unit Number	NUMERIC: INTEGERA10 <div></div>
Gps of Housing unit	GPSGps <div></div> <div></div> <div></div>
Name of the household head <div>I Use this for Identification of the Household together with the structure and housing unit number: NOTE that household head may have changed</div>	TEXTname <div></div>

# SURVEY STAFF

surveystaff

Interview Start time	DATE: CURRENT TIMEstarttime .....
Name of Interviewer	SINGLE-SELECT: COMBO BOXinterviewer 001 <input type="radio"/> Paul Musyoki 002 <input type="radio"/> Peter Ouma 003 <input type="radio"/> Khamis Salim Mchambi 004 <input type="radio"/> Corrine Achieng owino 005 <input type="radio"/> Juma Mwakipenda Salim 006 <input type="radio"/> Abdullahi Ali Nguvu 007 <input type="radio"/> Mary Watiri Kambo 008 <input type="radio"/> Grace Mbeyu James 009 <input type="radio"/> Aisha Musombi 010 <input type="radio"/> Juma Jerome 011 <input type="radio"/> Halima Sadia Mohamed 012 <input type="radio"/> Abullahi Frahan Abudi 013 <input type="radio"/> Muyadin Rashid Mohamed 014 <input type="radio"/> Peninah W. Muriithi 015 <input type="radio"/> Abutwalib Abdikadir mohamed 016 <input type="radio"/> Yusra Hassan Omar <a href="#">And 155 other symbols [4]</a>
Name of Supervisor	SINGLE-SELECT: COMBO BOXsupervisor 01 <input type="radio"/> Francis Mutiku 02 <input type="radio"/> Osman Ahmed 03 <input type="radio"/> Aisha Riziki 04 <input type="radio"/> Hussein Abdirahman 05 <input type="radio"/> Anthony Mwangi 06 <input type="radio"/> Abdiwahab Mohamed 07 <input type="radio"/> Yussuf Ahmed 08 <input type="radio"/> Amina Mohamed 09 <input type="radio"/> Barwaqa Mohamed 10 <input type="radio"/> Adan Hussein 11 <input type="radio"/> Ibrae Galgalo Jillo 12 <input type="radio"/> Nicholas Maingi 13 <input type="radio"/> Oliver Mukolwe 14 <input type="radio"/> Dickson Makuba 15 <input type="radio"/> William Mbusya 16 <input type="radio"/> Doris Syombua <a href="#">And 38 other symbols [5]</a>

# SECTION A:HOUSEHOLD IDENTIFICATION

section\_A

E IsAnswered(starttime)

STATIC TEXT

Logo



STATIC TEXT

Makao Fiti Maisha Bora



STATIC TEXT

"Greetings! My name is %interviewer% I am a research assistant working for the Kenya National Bureau of Statistics (KNBS). The Bureau is conducting the Kenya Housing Survey in all the 47 counties. Households have been randomly selected to participate in the survey. Your household is one of those selected in this area. The information obtained from the survey will be used for planning at both the national and county level. The information provided by your household will be treated in strict confidence as provided by the law. I therefore would like to ask you some questions as a responsible member of this household. I would also need you to assist me obtain measurements and obtain some further information from other members of your household. These questions will take some time to complete and therefore I will appreciate your patience. Do you have any questions you would like me to respond to before we proceed with the interview?"

<b>Visit Status</b>  E IsAnswered(starttime) V1 self!=null M1 Error!You must provide a response	<div>SINGLE-SELECTa11</div> <div>01 <input type="radio"/> Household found</div> <div>02 <input type="radio"/> No household member at home or no competent respondent at home at time of visit</div> <div>03 <input type="radio"/> Entire household absent for extended period of time</div> <div>04 <input type="radio"/> Postponed</div> <div>05 <input type="radio"/> Refused</div> <div>06 <input type="radio"/> Dwelling vacant or structure not a dwelling</div> <div>07 <input type="radio"/> Dwelling destroyed</div> <div>08 <input type="radio"/> Dwelling not found</div> <div>09 <input type="radio"/> Dwelling no longer a household</div>
<b>Consent</b>  E a11==1	<div>SINGLE-SELECTconsent</div> <div>01 <input type="radio"/> Respondent Agrees to be Interviewed</div> <div>02 <input type="radio"/> Respondent does not agree to be interviewed</div>
<b>GPS: Pick the GPS coordinates of the Housing Unit</b>  E (a11.InRange(1,6)    a11==9)	<div>GPSGps1</div> <div>N</div> <div>W</div> <div>A</div>
VARIABLE Gps.GpsDistance(Gps1)	<div>DOUBLEDistance</div>
VARIABLE Gps1.Accuracy	<div>DOUBLEAccuracy1</div>



# SECTION B: INFORMATION FOR HOUSEHOLD MEMBERS

section\_B

E (a11==1 && consent==1)

Give the date of interview.	DATE: CURRENT TIME b_date
E a11==1    a11==4	.....
Tell me the number of people who are USUAL Household members	NUMERIC: INTEGER a12
I Household meets three criterias: Share same cooking arrangement, Report to same household head and live in the same compound	-----
E a11==1	
V1 a12!=0	
M1 Error! Atleast there should be a member of the household	
B02: Tell me the Names of the Usual Household Members	LIST b02
I MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO USUALLY RESIDE IN THE SAME COMPOUND, ARE ANSWERABLE TO THE SAME HEAD AND SHARE THE SAME COOKING ARRANGEMENT, STARTING WITH THE HEAD OF THE HOUSEHOLD.GIVE AT <a href="#">And 16 other symbols [1]</a>	.....
E IsAnswered(b_date) && IsAnswered(a12)	
V1 self.Length==a12	
M1 Total number of people listed should equal the number of people in the household	
V2 self.Length>0	
M2 Error! You should atleast record a name	
V3 self.All(x=>x.Item2.Split(' ').Length>1)	
M3 Please enter atleast two names seperated by spaces	
V4 self.Length==a12	
M4 The household mentioned <font color="fuchsia">%a12%</font> members but now you have listed <font color="fuchsia">%B02_length%</font>. Cross check and solve the error. Check with your supervisor if in doubt.	
VARIABLE b02.Length	LONG B02_length

STATIC TEXT

E b02.Length > 0

*B02\_1: Check to confirm if a new member joins the household say a new born baby or bride, pupils/students in school, livein domestic servants e.t.c in the first week, the individual should be put in the roster as a household member. Similarly, if a member leaves a household during the first week e.g. death, marriage outside the home, divorce or moving to the city to look for employment, he/she will be removed from the household roster.*

## SECTION B: INFORMATION FOR HOUSEHOLD MEMBERS Roster: DEMOGRAPHIC INFORMATION generated by list question [b02](#)

hhid

E IsAnswered(b02) || b02.Length>0

B02_1: Did %rosteritle% sleep here last night?	SINGLE-SELECT b02_1
	01 <input type="radio"/> Yes
	00 <input type="radio"/> No

B03: What is %roster%title%'s relationship to the household head?

```
V1 b03>1 || @rowindex==0
M1 Error! Household Head Should be listed first in the roster
V2 /* Check that head has different sex than spouse(s) */ /
/ if head is current person, and does at least one spouse exist? b03==2 && hhid.Any(x=>x.b03==1) ? // if so, check that there is no spouse with
And 119 other symbols [1]
M2 Error: The head and his/her spouse typically Cannot have same sex.
V3 b03==1? /// Is this person the household head? /// If household head, check that there has /// not been another household head reported (hhid.Count(x=>x.b03==1)>=1) // If not a household head
And 25 other symbols [1]
M3 Error! There must be only one person in the household designated as head.
V4 // Has relationship to head been answered for all household members? hhid.All(x=>x.b03!=null) ? // If all information has been filled out, check for a head was listed
!(hhid.Count(x=>x.b03!=null)>1)
And 91 other symbols [1]
M4 Error! You have not identified the Household Head
```

SINGLE-SELECT

b03

01

☐ HEAD

02

☐ WIFE OR HUSBAND

03

☐ SON OR DAUGHTER

04

☐ GRANDCHILD

05

☐ BROTHER OR SISTER

06

☐ PARENT

07

☐ NEPHEW/NIECE

08

☐ PARENT-IN-LAW

09

☐ SON-IN-LAW OR DAUGHTER-IN-LAW

10

☐ GRANDPARENT

11

☐ ADOPTED/FOSTER/STEPCHILD

12

☐ OTHER RELATIVE

13

☐ NOT RELATED

96

☐ OTHER SPECIFY

B03:What is %roster%title%'s relationship to the household head?Other

```
E b03==96
V1 b03>1 || @rowindex==0
M1 Error! Household Head Should be listed first in the roster
V2 b03==2 && hhid.Any(x=>x.b03==1)? //rship==2 && hhid.Count(x=>x.rship==1)>0 //sex of the spouses cannot be the same
!(hhid.Any(a=>a.b03==1 && a.b04!=null && a.b04==b04)):true
M2 Error: Sex of the Spouse Cannot be the same
```

TEXT

b03\_other

B04:Sex of %roster%title%?

```
V1 b04!=null
M1 You must give an answer!!!!
```

SINGLE-SELECT

b04

01

☐ Male

02

☐ Female

<p><b>B05_1: How old is %rosteritle%?</b></p> <p>I IF AGE IS LESS THAN 1 YEAR, RECORD 0 FOR AGE IN YEARS AND GIVE AGE IF AGE IS NOT KNOWN RECORD 998 AND IF AGE IS NOT STATED, RECORD 999</p> <p>W1 ((b05_years&lt;=95)    (b05_years&lt;=120))    b05_years.InRange(998,999)</p> <p>M1 Warning! Age is beyond the limit expected</p> <p>V2 self&gt;=0</p> <p>M2 Age Cannot be less than 0</p> <p>V3 //A parent should be atleast 13 years (b03.InList(\$parentalcodes) &amp;&amp; b05_years&gt;= 13)    (!b03.InList(\$parentalcodes))</p> <p>M3 Error! A Household head, spouse, father/mother or grandparent should be atleast 13 years</p> <p>V4 // if current person is father/mother of head b03==6 &amp;&amp; hhid.Count(x=&gt;x.b03==1 &amp;&amp; (b05_years-x.b05_years&lt;=13))==0    // if current person is head b03==1 &amp;&amp; hhid.Count(x=&gt;x.b03==6 &amp;&amp; (x.b05_ <a href="#">And 164 other symbols [2]</a>)</p> <p>M4 Error!Age difference between head and his/her parent seems to be too little. Check or confirm</p> <p>V5 // if current person is head child (b03==3 &amp;&amp; (hhid.Count(x=&gt;x.b03==1 &amp;&amp; x.b04==1 &amp;&amp; (x.b05_years-b05_years&lt;=13))==0)) &amp;&amp; ((hhid.Count(x=&gt;x.b03==1 &amp;&amp; x.b04==2 &amp;&amp; (x.b05_years-b05_years&lt;=13 <a href="#">And 422 other symbols [2]</a>))</p> <p>M5 Error!Age difference between head and his child is less than 13 years OR Child cannot be older than Head. Please check.</p> <p>V6 // if current person is grandchild b03==4 &amp;&amp; hhid.Count(x=&gt;x.b03==1 &amp;&amp; (x.b05_years-b05_years&lt;=26))==0    // if current person is head b03==1 &amp;&amp; hhid.Count(x=&gt;x.b03==4 &amp;&amp; (b05_years- x.b05_y <a href="#">And 92 other symbols [2]</a>)</p> <p>M6 Error!Age difference between head and his/her grandchild seems to be too little. Check or confirm.</p> <p>V7 (b03 == 10 &amp;&amp; b05_years &gt; 36)    b03 != 10</p> <p>M7 Error!Grandparent should be older than 35. Please check or confirm.</p>	<p>NUMERIC: INTEGER</p> <p>b05_years</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>998 AGE IS NOT KNOWN</p> <p>999 NOT STATED</p>
<p><b>B05_3: What is %rosteritle%'s year of birth ?</b></p> <p>V1 /* Example of using the InRange function to check the number entered is within a certain range. This validation checks if the year of birth is between 1900 and 2019. */ self.InRange(1900,2024)    <a href="#">And 21 other symbols [3]</a></p> <p>M1 Error!Please enter a valid year of birth</p> <p>V2 self &lt;= b_date.Value.Year</p> <p>M2 Error!Year of birth cannot be greater than current year.</p>	<p>NUMERIC: INTEGER</p> <p>b05_yrofbirth</p> <p>-----</p>
<p><b>B05_4: What is %rosteritle%'s month of birth ?</b></p> <p>V1 self!=null    self.InRange(1,12)    self==998</p> <p>M1 Error! You must provide either of the options provided</p>	<p>SINGLE-SELECT</p> <p>b05_monthofbirth</p> <p>001 <input type="radio"/> JANUARY</p> <p>002 <input type="radio"/> FEBRUARY</p> <p>003 <input type="radio"/> MARCH</p> <p>004 <input type="radio"/> APRIL</p> <p>005 <input type="radio"/> MAY</p> <p>006 <input type="radio"/> JUNE</p> <p>007 <input type="radio"/> JULY</p> <p>008 <input type="radio"/> AUGUST</p> <p>009 <input type="radio"/> SEPTEMBER</p> <p>010 <input type="radio"/> OCTOBER</p> <p>011 <input type="radio"/> NOVEMBER</p> <p>012 <input type="radio"/> DECEMBER</p> <p>998 <input type="radio"/> Don't Know</p>

<p>B05_5: What is %roster%<a href="#">%roster%</a>'s day of birth</p> <p>V1 b05_years==age_cur    b05_day.InRange(998,999)</p> <p>M1 Error!Age does not match</p> <p>V2 self!=null</p> <p>M2 Error! You must indicate the information</p>	<p>NUMERIC: INTEGER <span>b05_day</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>998 IF BIRTH DAY IS NOT KNOW N</p> <p>999 IF BIRTH DAY IS NOT STATED</p>
<p>VARIABLE</p> <p>// if all elements of the date of birth are reported b05_day.InRange(1,31) &amp;&amp; b05_monthofbirth.InRange(1,12) &amp;&amp; b05_yrofbirth.InRange(1900, b_date.Value.Year) &amp;&amp; b_date.Value.Year!=null ? (FullYear</p> <p><a href="#">And 364 other symbols [1]</a></p>	<p>LONG <span>age_cur</span></p>
<p>STATIC TEXT</p> <p>V1 age_cur==b05_years</p> <p>M1 The age not matching.</p> <p><i>Age in years for %roster%<a href="#">%roster%</a> is: %age_cur%</i></p>	
<p>B06: What is %roster%<a href="#">%roster%</a>'s marital status?</p> <p>E b05_years&gt;=15</p> <p>V1 // for the head, check whether there is any spouse in the roster b03==2 &amp;&amp; hhid.Any(x=&gt;x.b03==1) ? // if so, check whether the head is married--monogamy, polygamy, or living together b06.InRange(1,3 <a href="#">And 40 other symbols [4]</a></p> <p>M1 Error! A spouse cannot be other than married or living together</p> <p>V2 // for the head, check whether there is any spouse in the roster b03==1 &amp;&amp; hhid.Any(x=&gt;x.b03==2) ? // if so, check whether the head is married--monogamy, polygamy, or living together b06==1   b06==2 <a href="#">And 48 other symbols [4]</a></p> <p>M2 Error! A spouse cannot be other than married or living together</p>	<p>SINGLE-SELECT <span>b06</span></p> <p>01 <input type="radio"/> MARRIED /LIVING TOGETHER MONOGAMOUS</p> <p>02 <input type="radio"/> MARRIED /LIVING TOGETHER POLYGAMOUS</p> <p>03 <input type="radio"/> SEPARATED</p> <p>04 <input type="radio"/> DIVORCED</p> <p>05 <input type="radio"/> WIDOW OR WIDOWER</p> <p>06 <input type="radio"/> NEVER MARRIED</p>
<p>B07: What is %roster%<a href="#">%roster%</a>'s religion?</p>	<p>SINGLE-SELECT <span>b07</span></p> <p>01 <input type="radio"/> CATHOLIC</p> <p>02 <input type="radio"/> PROTESTANT</p> <p>03 <input type="radio"/> EVANGELICAL CHURCHES</p> <p>04 <input type="radio"/> AFRICAN INSTITUTED CHURCHES</p> <p>05 <input type="radio"/> ORTHODOX</p> <p>06 <input type="radio"/> ISLAM</p> <p>07 <input type="radio"/> HINDU/SIKH/CONFUCIOUS</p> <p>08 <input type="radio"/> TRADITIONALIST</p> <p>09 <input type="radio"/> NO RELIGION/ ATHEISTS</p> <p>10 <input type="radio"/> OTHER CHRISTIAN</p> <p>11 <input type="radio"/> OTHER RELIGION</p> <p>98 <input type="radio"/> DON'T KNOW</p>
<p>B08_1:Does %roster%<a href="#">%roster%</a> have difficulty seeing , even if wearing glasses?would you say</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span>b08_1</span></p> <p>01 <input type="radio"/> No - no difficulty</p> <p>02 <input type="radio"/> Yes - some difficulty</p> <p>03 <input type="radio"/> Yes - a lot of difficulty</p> <p>04 <input type="radio"/> Cannot do at all</p> <p>98 <input type="radio"/> DK</p>

<p>B08_2:Does %roster% have difficulty hearing, even if using hearing aid?would you say</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span style="float: right;">b08_2</span></p> <p>01 <input type="radio"/> No - no difficulty</p> <p>02 <input type="radio"/> Yes - some difficulty</p> <p>03 <input type="radio"/> Yes - a lot of difficulty</p> <p>04 <input type="radio"/> Cannot do at all</p> <p>98 <input type="radio"/> DK</p>
<p>B08_3:Does %roster% have difficulty walking or climbing steps?would you say</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span style="float: right;">b08_3</span></p> <p>01 <input type="radio"/> No - no difficulty</p> <p>02 <input type="radio"/> Yes - some difficulty</p> <p>03 <input type="radio"/> Yes - a lot of difficulty</p> <p>04 <input type="radio"/> Cannot do at all</p> <p>98 <input type="radio"/> DK</p>
<p>B08_4:Does %roster% have difficulty remembering or concentrating?would you say</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span style="float: right;">b08_4</span></p> <p>01 <input type="radio"/> No - no difficulty</p> <p>02 <input type="radio"/> Yes - some difficulty</p> <p>03 <input type="radio"/> Yes - a lot of difficulty</p> <p>04 <input type="radio"/> Cannot do at all</p> <p>98 <input type="radio"/> DK</p>
<p>B08_5:Does %roster% have difficulty with self-care such as washing all over or dressing?would you say</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span style="float: right;">b08_5</span></p> <p>01 <input type="radio"/> No - no difficulty</p> <p>02 <input type="radio"/> Yes - some difficulty</p> <p>03 <input type="radio"/> Yes - a lot of difficulty</p> <p>04 <input type="radio"/> Cannot do at all</p> <p>98 <input type="radio"/> DK</p>
<p>B08_6:Does %roster% have difficulty communicating using his/her usual language for example understanding or being understood?would you say</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span style="float: right;">b08_6</span></p> <p>01 <input type="radio"/> No - no difficulty</p> <p>02 <input type="radio"/> Yes - some difficulty</p> <p>03 <input type="radio"/> Yes - a lot of difficulty</p> <p>04 <input type="radio"/> Cannot do at all</p> <p>98 <input type="radio"/> DK</p>

B09\_1:What was [%roster%]'s County of birth?

SINGLE-SELECT: COMBO BOXb09\_1

01

☐ Mombasa

02

☐ Kwale

03

☐ Kilifi

04

☐ Tana River

05

☐ Lamu

06

☐ Taita-Taveta

07

☐ Garissa

08

☐ Wajir

09

☐ Mandera

10

☐ Marsabit

11

☐ Isiolo

12

☐ Meru

13

☐ Tharaka-Nithi

14

☐ Embu

15

☐ Kitui

16

☐ Machakos

And 32 other symbols [6]

B09\_2:What was [%roster%]'s Country of birth?

E b09\_1==96

SINGLE-SELECT: COMBO BOXb09\_2

001

☐ Afghanistan

002

☐ Aland (Finland)

003

☐ Albania

004

☐ Algeria

005

☐ American Samoa (US)

006

☐ Andorra

007

☐ Angola

008

☐ Anguilla (BOT)

009

☐ Antigua and Barbuda

010

☐ Argentina

011

☐ Armenia

012

☐ Artsakh

013

☐ Aruba (Netherlands)

014

☐ Australia

015

☐ Austria

016

☐ Azerbaijan

And 232 other symbols [7]

B09\_3:How long has [%roster%] been living continuously in %A01%?

I IF LESS THAN ONE YEAR, RECORD '00' YEARS, State in complete Years  
V1 self<=b05\_years  
M1 Years lived here cannot be greater than age of individual

NUMERIC: INTEGERb09\_3

SPECIAL VALUES

-01

Always/Never Moved

-02

Visitor

<p><b>B09_4:</b>In which year did [%rosteritle%] move to %A01% or %b09_2%/Country?</p> <p>E b09_3.InRange(0,94) &amp; b09_3!==-1 &amp; b09_3!=-2</p> <p>V1 /* Example of using the InRange function to check the number entered is within a certain range. This validation checks if the year of birth is between 1900 and 2024. */ self.InRange(1900,2024)    <a href="#">And 21 other symbols [5]</a></p> <p>M1 Check year</p> <p>V2 self&gt;=b05_yrofbirth</p> <p>M2 Year of moving cannot be less than year of birth</p> <p>V3 b_date.Value.Year-self==b09_3    b_date.Value.Year-self==b09_3+1</p> <p>M3 Check how long they have been living here</p>	<p>NUMERIC: INTEGER <span style="float: right;">b09_4</span></p> <p>-----</p>
<p><b>B09_5:</b>Just before [%rosteritle%] moved here (%A01% County), which County/Country did he/she live in?</p> <p>E (IsAnswered(b09_4)&amp; b09_3.InRange(0,94) &amp; b09_3!==-1 &amp; b09_3!=-2)</p> <p>W1 A01!=b09_5</p> <p>M1 The County of Interview and county Name moved from is the same, check if ever moved</p>	<p>SINGLE-SELECT: COMBO BOX <span style="float: right;">b09_5</span></p> <p>001 <input type="radio"/> Mombasa</p> <p>002 <input type="radio"/> Kwale</p> <p>003 <input type="radio"/> Kilifi</p> <p>004 <input type="radio"/> Tana River</p> <p>005 <input type="radio"/> Lamu</p> <p>006 <input type="radio"/> Taita-Taveta</p> <p>007 <input type="radio"/> Garissa</p> <p>008 <input type="radio"/> Wajir</p> <p>009 <input type="radio"/> Mandera</p> <p>010 <input type="radio"/> Marsabit</p> <p>011 <input type="radio"/> Isiolo</p> <p>012 <input type="radio"/> Meru</p> <p>013 <input type="radio"/> Tharaka-Nithi</p> <p>014 <input type="radio"/> Embu</p> <p>015 <input type="radio"/> Kitui</p> <p>016 <input type="radio"/> Machakos</p> <p><a href="#">And 279 other symbols [8]</a></p>
<p><b>B09_6:</b>Just before [%rosteritle%] moved here (%A01% County), did he/she live in a city, town or rural area?</p> <p>E (IsAnswered(b09_5) &amp; b09_3.InRange(0,94) &amp; b09_3!==-1 &amp; b09_3!=-2)</p>	<p>SINGLE-SELECT <span style="float: right;">b09_6</span></p> <p>01 <input type="radio"/> CITY (Nairobi, Kisumu, Mombasa, Nakuru)</p> <p>02 <input type="radio"/> TOWN</p> <p>03 <input type="radio"/> RURAL AREA</p>
<p><b>B09_7:</b>What was the main reason for %rosteritle% moving to where you presently reside (%A01% County)?</p> <p>E (IsAnswered(b09_6) &amp; b09_3.InRange(0,94) &amp; b09_3!==-1 &amp; b09_3!=-2)</p>	<p>SINGLE-SELECT <span style="float: right;">b09_7</span></p> <p>01 <input type="radio"/> Job transfer</p> <p>02 <input type="radio"/> Look for paid work</p> <p>03 <input type="radio"/> To start a business</p> <p>04 <input type="radio"/> Look for land for farming</p> <p>05 <input type="radio"/> Family moved</p> <p>06 <input type="radio"/> Marriage</p> <p>07 <input type="radio"/> School/training</p> <p>08 <input type="radio"/> To live with a relative</p> <p>09 <input type="radio"/> Divorce/separation</p> <p>10 <input type="radio"/> Adventure</p> <p>11 <input type="radio"/> Refugees</p> <p>96 <input type="radio"/> Other Specify</p>

<div>B09_7Other:What was the main reason for %roster% moving to where you presently reside?Other Specify</div> <div>E b09_7==96</div>	<div>TEXT<div>b09_7other</div></div> <div></div>
<div>B10: Has %roster% ever attended school?</div> <div>E b05_years&gt;=3</div>	<div>SINGLE-SELECT<div>b10</div></div> <div>00 <input type="radio"/> No</div> <div>01 <input type="radio"/> Yes</div>
<div>B11:Is %roster% currently attending School / Academic institution? IF SCHOOL IS NOT IN SESSION NOW, ASK: Do you plan to attend next session?</div> <div>I IF SCHOOL IS NOT IN SESSION NOW, ASK: Do you plan to attend next session?</div> <div>E (b05_years&gt;=3 &amp; b10==1)</div>	<div>SINGLE-SELECT<div>b11</div></div> <div>00 <input type="radio"/> No</div> <div>01 <input type="radio"/> Yes</div>
<div>B12:Which level and grade/year is [%roster%] currently attending?</div> <div>E (b05_years&gt;=3 &amp; b11==1)</div> <div>W1 self&gt;=b13</div> <div>M1 Check if the school level completed and currently attending are correct</div> <div>W2 \$educationcheck</div> <div>M2 Check if age and level and grade currently attending match</div>	<div>SINGLE-SELECT: COMBO BOX<div>b12</div></div> <div>01 <input type="radio"/> Play Group</div> <div>02 <input type="radio"/> PRE-PRIMARY 1</div> <div>03 <input type="radio"/> PRE-PRIMARY 2</div> <div>04 <input type="radio"/> STANDARD/GRADE 1</div> <div>05 <input type="radio"/> STANDARD/GRADE 2</div> <div>06 <input type="radio"/> STANDARD/GRADE 3</div> <div>07 <input type="radio"/> STANDARD/GRADE 4</div> <div>08 <input type="radio"/> STANDARD/GRADE 5</div> <div>09 <input type="radio"/> STANDARD/GRADE 6</div> <div>10 <input type="radio"/> STANDARD 7</div> <div>11 <input type="radio"/> STANDARD 8</div> <div>12 <input type="radio"/> JUNIOR SCHOOL-GRADE 7</div> <div>13 <input type="radio"/> JUNIOR SCHOOL-GRADE 8</div> <div>14 <input type="radio"/> POST PRIMARY VOCATIONAL TRAINING CERTIFICATE YEAR 1</div> <div>15 <input type="radio"/> POST PRIMARY VOCATIONAL TRAINING CERTIFICATE YEAR 2</div> <div>16 <input type="radio"/> FORM 1</div> <div><a href="#">And 32 other symbols [9]</a></div>
<div>B12_Other:Which level and grade/year is [%roster%] currently attending?Other Specify</div> <div>E b12==96</div>	<div>TEXT<div>b12_other</div></div> <div></div>



<p>B13:What is the highest education level and grade that %rosteritle% has completed ?</p> <p>E (b05_years&gt;=3 &amp; b10==1)</p>	<p>SINGLE-SELECT: COMBO BOX <span style="float: right;">b13</span></p> <p>01 <input type="radio"/> Play Group</p> <p>02 <input type="radio"/> PRE-PRIMARY 1</p> <p>03 <input type="radio"/> PRE-PRIMARY 2</p> <p>04 <input type="radio"/> STANDARD/GRADE 1</p> <p>05 <input type="radio"/> STANDARD/GRADE 2</p> <p>06 <input type="radio"/> STANDARD/GRADE 3</p> <p>07 <input type="radio"/> STANDARD/GRADE 4</p> <p>08 <input type="radio"/> STANDARD/GRADE 5</p> <p>09 <input type="radio"/> STANDARD/GRADE 6</p> <p>10 <input type="radio"/> STANDARD 7</p> <p>11 <input type="radio"/> STANDARD 8</p> <p>12 <input type="radio"/> JUNIOR SCHOOL-GRADE 7</p> <p>13 <input type="radio"/> JUNIOR SCHOOL-GRADE 8</p> <p>14 <input type="radio"/> POST PRIMARY VOCATIONA L TRAINING CERTIFICATE YE AR 1</p> <p>15 <input type="radio"/> POST PRIMARY VOCATIONA L TRAINING CERTIFICATE YE AR 2</p> <p>16 <input type="radio"/> FORM 1</p> <p><a href="#">And 32 other symbols [10]</a></p>
<p>B13_Other:What is the highest education level and grade that %rosteritle% has completed ?Other Specify</p> <p>E b13==96</p>	<p>TEXT <span style="float: right;">b13_other</span></p> <p>.....</p>
<p>B13_1:What is the distance in metres from your dwelling to school if in a day school (one way):</p> <p>E b11==1 &amp; IsAnswered(b12)</p>	<p>NUMERIC: INTEGER <span style="float: right;">b13_1</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-01      Borders</p> <p>-02      Outside the Country</p> <p>-03      Online studies</p>
<p>B13_2:What is the main mode of transport used from your dwelling to: school</p> <p>E (( b11==1 &amp;&amp; IsAnswered(b13_1)) &amp;&amp;( b13_1!=-1 &amp;&amp; b13_1!=-2 &amp;&amp; b13_1!=-3))</p>	<p>SINGLE-SELECT <span style="float: right;">b13_2</span></p> <p>01 <input type="radio"/> Bicycle/motorbike(Bodaboda)</p> <p>02 <input type="radio"/> Own Bicycle</p> <p>03 <input type="radio"/> Private Car</p> <p>04 <input type="radio"/> Matatu/PSV/Bus</p> <p>05 <input type="radio"/> School bus</p> <p>06 <input type="radio"/> Water vessels</p> <p>07 <input type="radio"/> TukTuk</p> <p>08 <input type="radio"/> Walking</p> <p>09 <input type="radio"/> Taxi</p> <p>10 <input type="radio"/> Train</p> <p>96 <input type="radio"/> Other (Specify)</p>

<p>B13_2:Other:What is the main mode of transport used from your dwelling to: school.Other Specify</p> <p>E b13_2==96</p>	<p>TEXT</p> <p>b13_2_other</p> <p>.....</p>
<p>B13_3:Using this main mode of transport, how much time in minutes does it take from your dwelling to school (one way):</p> <p>E (b11==1 &amp;&amp; ( b13_1!=-1 &amp;&amp; b13_1!=-2 &amp;&amp; b13_1!=-3))</p>	<p>NUMERIC: INTEGER</p> <p>b13_3</p> <p>-----</p>
<p>B13_4:For this main mode of transport, do you pay per day, per week, per month, per term, per semester or per year?</p> <p>E (b13_2==1    b13_2.InRange(3,7)   b13_2.InRange(9,10)   b13_2==96)</p>	<p>SINGLE-SELECT</p> <p>b13_4</p> <p>01 <input type="radio"/> Per day</p> <p>02 <input type="radio"/> Per week</p> <p>03 <input type="radio"/> Per Month</p> <p>04 <input type="radio"/> Per Term</p> <p>05 <input type="radio"/> Per semester</p> <p>06 <input type="radio"/> Per Year</p>
<p>B13_5:Using this main mode of transport, how much money does it cost from your dwelling to school (one way)</p> <p>E IsAnswered(b13_4) //(b11==1 &amp; IsAnswered(b13_3) &amp; b13_2!=8)    //(b11==1 &amp; IsAnswered(b13_3) &amp; b13_2!=2)</p>	<p>NUMERIC: INTEGER</p> <p>b13_5</p> <p>-----</p>
<p>B14_1: Has %rostartitle% owned a Mobile Phone in the last 3 months?</p> <p>E b05_years&gt;=3</p>	<p>SINGLE-SELECT</p> <p>b14_1</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>B14_2: Has %rostartitle% used a Mobile Phone in the last 3 months?</p> <p>E b05_years&gt;=3 &amp; b14_1==0</p>	<p>SINGLE-SELECT</p> <p>b14_2</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>B14_3: Has %rostartitle% used the internet from any location in the last 3 months?</p> <p>E b05_years&gt;=3</p>	<p>SINGLE-SELECT</p> <p>b14_3</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>B14_4:Has %rostartitle% used a computer from any location in the last three months?</p> <p>E b05_years&gt;=3</p>	<p>SINGLE-SELECT</p> <p>B14_4</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>B15_1:In the last 7 days, did [%rostartitle%] work for someone else for pay for one or more hours? (Including casual or piece work for cash payment, or in-kind payment or in exchange for food or housing)</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT</p> <p>b15_1</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>B15_2:In the last 7 days, did [%rostartitle%] do any kind of business activity, farming or other activity to generate income?</p> <p>I READ IF NEEDED (Don't count normal housework) (e.g. Producing farm products for sale or exchange; Making or repairing things for sale; Selling things in the street, local market, or in a shop; Shining</p> <p><a href="#">And 98 other symbols [2]</a></p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT</p> <p>b15_2</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>

<p><b>B15_3:</b>In the last 7 days, did [%rostertitle%] help in a business or farm?</p> <p>I READ IF NEEDED: (e.g. Help a family member engaged in an activity to generate income for the family; Help to produce farm products for sale or exchange; Help to make or sell things for sale or exchange <a href="#">And 50 other symbols [3]</a>)</p> <p>E b05_years&gt;=5</p>	<p>SINGLE-SELECT <span style="float: right;">b15_3</span></p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p><b>B15_4:</b>In the last 7 days, did (%rostertitle%) do any work in...?</p> <p>I Read and mark all that apply</p> <p>E b15_3==1</p>	<p>MULTI-SELECT <span style="float: right;">b15_4</span></p> <p>01 <input type="checkbox"/> FARMING</p> <p>02 <input type="checkbox"/> REARING FARM ANIMALS</p> <p>03 <input type="checkbox"/> FISHING OR FISH FARMING</p> <p>04 <input type="checkbox"/> None of the above</p>
<p><b>B15_5:</b>In general, were the products intended ...?</p> <p>E (b15_4.ContainsAny(1,3))</p>	<p>SINGLE-SELECT <span style="float: right;">b15_5</span></p> <p>01 <input type="radio"/> Only for sale</p> <p>02 <input type="radio"/> Mainly for sale</p> <p>03 <input type="radio"/> Mainly for family use</p> <p>04 <input type="radio"/> Only for family use</p>
<p><b>B15_6:</b>What are the main (farming, animal [and/or fishing]) products that (%rostertitle%) (are/is) working on?</p> <p>I For example: [citrus fruits, vegetables, freshwater fish, cattle, chicken, rice]</p> <p>E b15_5.InRange(3,4)</p>	<p>TEXT <span style="float: right;">b15_6</span></p> <p>.....</p>
<p><b>B15_6a:</b>What are the main (farming, animal [and/or fishing]) products that (%rostertitle%) (are/is) working on?KESIC GROUP</p> <p>I For example: [citrus fruits, vegetables, freshwater fish, cattle, chicken, rice]</p> <p>E b15_5.InRange(3,4)</p>	<p>SINGLE-SELECT: COMBO BOX <span style="float: right;">b15_6a</span></p> <p>11 <input type="radio"/> Growing of non-perennial crops</p> <p>12 <input type="radio"/> Growing of perennial crops</p> <p>13 <input type="radio"/> Plant propagation</p> <p>14 <input type="radio"/> Animal production</p> <p>15 <input type="radio"/> Mixed farming</p> <p>16 <input type="radio"/> Support activities to agriculture and post-harvest crop activities</p> <p>17 <input type="radio"/> Hunting, trapping and related service activities</p> <p>21 <input type="radio"/> Silviculture and other forestry activities</p> <p>22 <input type="radio"/> Logging</p> <p>23 <input type="radio"/> Gathering of non-wood forest products</p> <p>24 <input type="radio"/> support services to forestry</p> <p>31 <input type="radio"/> Fishing</p> <p>32 <input type="radio"/> Aquaculture</p>

B15\_6b:What are the main (farming, animal [and/or fishing]) products that (%roster title%) (are/is) working on?KESIC SubClass

I For example: [citrus fruits, vegetables, freshwater fish, cattle, chicken, rice]

SINGLE-SELECT: CASCADING

b15\_6b

- 11000 ☐ Mixed cropping of Non-Perennial Crops
- 11111 ☐ Growing of maize
- 11112 ☐ Growing of wheat
- 11113 ☐ Growing of sorghum
- 11114 ☐ Growing of Millet
- 11115 ☐ Growing of Barley
- 11116 ☐ Growing of mixed cereals
- 11117 ☐ Growing of cereal seeds
- 11119 ☐ Growing of Other cereals
- 11121 ☐ Growing of Beans
- 11122 ☐ Growing of Green grams
- 11123 ☐ Growing of Cow peas
- 11124 ☐ Growing of Dolichos
- 11125 ☐ Growing of Green peas
- 11126 ☐ Growing of french beans
- 11127 ☐ Growing of mixed leguminous crops

[And 161 other symbols \[11\]](#)

B15\_7:Last week, from [DAY] up to [DAY], on how many days did (%roster title%) do this work?

NUMERIC: INTEGER

b15\_7

-----

SPECIAL VALUES

-01 Didn't do this work last week

E IsAnswered(b15\_6)  
V1 self<=7  
M1 Cannot exceed 7 days

B15\_8:How many hours per day did (%roster title%) spend doing this last week?

NUMERIC: INTEGER

b15\_8

-----

E (IsAnswered(b15\_7) && b15\_7!=-1)

B15\_9:How many hours per week do (%roster title%) usually spend working in (farming, rearing animals, [and/or fishing])?

NUMERIC: INTEGER

b15\_9

-----

E IsAnswered(b15\_8)

B16:Even though [%roster title%] did not do any of these activities in the last 7 days, does he/she have a job that he/she would definitely return to?

MULTI-SELECT

b16

- 01 ☐ A paid job
- 02 ☐ A non-farm business
- 03 ☐ An own /family farming activity
- 04 ☐ Helped in non-farm businesses
- 05 ☐ Helped in farm activities
- 06 ☐ Unpaid Apprentice/Intern
- 07 ☐ Volunteer
- 08 ☐ No Activity

E ((b05\_years>=5 && b15\_1!=1 && b15\_2!=1 ) && (b05\_years>=5 && b15\_3==1 && b15\_5.InRange(3,4)) || (b05\_years>=5 && b15\_1!=1 && b15\_2!=1 && b15\_3!=1 ))

B17:In the past 4 weeks what actions has [%rostertitle%] taken to look for a job or start any kind of business/income generating activity? RANK THE 3 MAIN ONES

E (b16.Contains(6) || b16.Contains(7) || b16.Contains(8))

MULTI-SELECT: ORDERED

b17

- 01 ☐ REGISTERED OR WAITED AT EMPLOYMENT AGENCY
- 02 ☐ REGISTERED A DISPUTE
- 03 ☐ PLACED OR ANSWERED JOB ADVERTISEMENTS
- 04 ☐ ENQUIRED AT WORKPLACES , FARMS, FACTORIES OR CALLED ON OTHER POSSIBLE EMPLOYERS
- 05 ☐ SOUGHT ASSISTANCE FROM RELATIVES OR FRIENDS
- 06 ☐ WAITED AT THE STREET SIDE OR OTHER PLACE WHERE CASUAL WORKERS ARE FOUND
- 07 ☐ APPLIED FOR PERMIT TO START BUSINESS
- 08 ☐ APPLIED FOR A LOAN FROM A BANK
- 09 ☐ SOUGHT FINANCIAL ASSISTANCE FROM FRIENDS OR FAMILY MEMBERS
- 10 ☐ SOUGHT A LOAN FROM A CHURCH
- 11 ☐ PURCHASED LAND, A BUILDING, OR EQUIPMENT
- 12 ☐ LOOKED AT JOB ADVERTISEMENTS
- 13 ☐ LOOKED FOR LAND, A BUILDING, OR EQUIPMENT
- 14 ☐ OTHER ACTIVE, SPECIFY
- 15 ☐ OTHER PASSIVE, SPECIFY
- 16 ☐ NONE

B18:If [%rostertitle%] was offered a job how soon would he/she be available to start work?

E (b16.Contains(6) || b16.Contains(7) || b16.Contains(8))

SINGLE-SELECT

b18

- 01 ☐ IMMEDIATELY
- 02 ☐ LESS THAN OR EQUAL TO 1 WEEK
- 03 ☐ GREATER THAN 1 WEEK & LESS THAN OR EQUAL TO 2 WEEKS
- 04 ☐ GREATER THAN 2 WEEKS & LESS THAN OR EQUAL TO 4 WEEKS
- 05 ☐ GREATER THAN 4 WEEKS
- 06 ☐ NOT AVAILABLE
- 08 ☐ NOT SURE

<p>B19:What is the status of [%rostertitle%]'s primary activity in terms of time?</p> <p>E (b15_1==1    b15_2==1    (b15_3==1 &amp;&amp; b15_5.InRange(1,2))    (b16.Contains(1)    b16.Contains(2)    b16.Contains(3)    b16.Contains(4)    b16.Contains(5) ))</p>	<div>SINGLE-SELECT <span style="float:right">b19</span></div> <div> 01 <input type="radio"/> PAID EMPLOYEE (OUTSIDE HH )  02 <input type="radio"/> PAID EMPLOYEE ( WITHIN HH )  03 <input type="radio"/> WORKING EMPLOYER  04 <input type="radio"/> OWN-ACCOUNT WORKER  05 <input type="radio"/> CONTRIBUTING FAMILY WORKER </div>
<p>B20:What kind of work does [%rostertitle%] usually do in the primary job/business (last 7 days)? For those who did not work during the last 7 days but worked during last 12 months give occupation for the last main job held.</p> <p>I GIVE THE OCCUPATIONAL TITLE IN AT LEAST TWO WORDS ( e.g., PRIMARY SCHOOL TEACHER, GENERAL SHOPKEEPER, VEGETABLE VENDOR, UNIVERSITY LECTURER, COMPUTER PROGRAMMER ETC)</p> <p>E IsAnswered(b19)</p> <p>V1 self.Length&gt;15</p> <p>M1 Please enter at least three words separated by spaces on description</p>	<div>TEXT <span style="float:right">b20</span></div> <div>.....</div>
<p>B20a:What kind of tasks and duties does [%rostertitle%] usually do in the primary job/business (last 7 days)? For those who did not work during the last 7 days but worked during last 12 months give tasks for the last main job held.</p> <p>I DESCRIBE THE MAIN TASKS OR DUTIES IN AT LEAST TWO WORDS eg. Cattle farmer –breed, raise and sell cattle; Policeman –patrol the streets; Cook –plan and prepare meals; Primary school teacher –teach children <a href="#">And 26 other symbols [4]</a></p> <p>E IsAnswered(b20)</p> <p>V1 self.Length&gt;10</p> <p>M1 Please enter at least three words separated by spaces on description</p>	<div>TEXT <span style="float:right">b20a</span></div> <div>.....</div>
<p>B20_1:What kind of work does [%rostertitle%] usually do in the primary job/business (last 7 days)? Kesco Major Group</p> <p>I Pick the Code for Major Kesco Group</p> <p>E IsAnswered(b20)</p>	<div>SINGLE-SELECT: COMBO BOX <span style="float:right">b20_1</span></div> <div> 01 <input type="radio"/> LEGISLATORS, ADMINISTRATORS AND MANAGERS  02 <input type="radio"/> PROFESSIONALS  03 <input type="radio"/> TECHNICIANS AND ASSOCIATE PROFESSIONAL  04 <input type="radio"/> SECRETARIAL, CLERICAL SERVICES AND RELATED WORKERS  05 <input type="radio"/> SERVICE WORKERS, SHOP AND MARKET SALES WORKERS  06 <input type="radio"/> SKILLED AGRICULTURAL, FORESTRY AND FISHERY WORKERS  07 <input type="radio"/> CRAFT AND RELATED TRADES WORKERS  08 <input type="radio"/> PLANT AND MACHINE OPERATORS AND ASSEMBLERS  09 <input type="radio"/> ELEMENTARY OCCUPATIONS </div>

B20\_2:What kind of work does [%rosteritle%] usually do in the primary job/business (last 7 days)? Kesco Major Group

I Pick the Code for Major Kesco Group  
E IsAnswered(b20)

SINGLE-SELECT: COMBO BOX  
SCOPE: SUPERVISOR

b20\_2

- 01
- ☐ LEGISLATORS, ADMINISTRATORS AND MANAGERS
- 02
- ☐ PROFESSIONALS
- 03
- ☐ TECHNICIANS AND ASSOCIATE PROFESSIONAL
- 04
- ☐ SECRETARIAL, CLERICAL SERVICES AND RELATED WORKERS
- 05
- ☐ SERVICE WORKERS, SHOP AND MARKET SALES WORKERS
- 06
- ☐ SKILLED AGRICULTURAL, FORESTRY AND FISHERY WORKERS
- 07
- ☐ CRAFT AND RELATED TRADES WORKERS
- 08
- ☐ PLANT AND MACHINE OPERATORS AND ASSEMBLERS
- 09
- ☐ ELEMENTARY OCCUPATIONS

B20\_1a:What kind of work does [%rostertitle%]  
usually do in the primary job/business (last 7 d  
ays)? Kesco Sub-Major Group

I Pick the Code for Sub-Major Kesco Group

SINGLE-SELECT: CASCADING

b20\_1a

- 11
- ☐ Legislators, Chief Executives  
and Senior Government Offi  
cials
- 12
- ☐ Administrative and Commer  
cial Managers
- 13
- ☐ Production and Specialized  
Services Managers
- 14
- ☐ Hospitality, Retail and Other  
Services Managers
- 21
- ☐ Science and Engineering Pr  
ofessionals
- 22
- ☐ Health Professionals
- 23
- ☐ Teaching Professionals
- 24
- ☐ Business and Administratio  
n Professionals
- 25
- ☐ Information and Communic  
ations Technology Professio  
nals
- 26
- ☐ Legal, Social And Cultural Pr  
ofessionals
- 31
- ☐ Science and Engineering Ass  
ociate Professionals
- 32
- ☐ Health Associate Profession  
als
- 33
- ☐ Business and Administratio  
n Associate Professionals
- 34
- ☐ Legal, Social, Cultural and Re  
lated Associate Professional  
s
- 35
- ☐ Information and Communic  
ations Technicians
- 41
- ☐ General and Keyboard Clerk  
s

[And 24 other symbols \[12\]](#)



B20\_2a:What kind of work does [%rostertitle%]  
usually do in the primary job/business (last 7 d  
ays)? Kesco Sub-Major Group

I Pick the Code for Sub-Major Kesco Group

SINGLE-SELECT: CASCADING  
SCOPE: SUPERVISOR

b20\_2a

- 11
- ☐ Legislators, Chief Executives  
and Senior Government Offi  
cials
- 12
- ☐ Administrative and Commer  
cial Managers
- 13
- ☐ Production and Specialized  
Services Managers
- 14
- ☐ Hospitality, Retail and Other  
Services Managers
- 21
- ☐ Science and Engineering Pr  
ofessionals
- 22
- ☐ Health Professionals
- 23
- ☐ Teaching Professionals
- 24
- ☐ Business and Administratio  
n Professionals
- 25
- ☐ Information and Communic  
ations Technology Professio  
nals
- 26
- ☐ Legal, Social And Cultural Pr  
ofessionals
- 31
- ☐ Science and Engineering Ass  
ociate Professionals
- 32
- ☐ Health Associate Profession  
als
- 33
- ☐ Business and Administratio  
n Associate Professionals
- 34
- ☐ Legal, Social, Cultural and Re  
lated Associate Professional  
s
- 35
- ☐ Information and Communic  
ations Technicians
- 41
- ☐ General and Keyboard Clerk  
s

[And 24 other symbols \[13\]](#)

B20\_1b:What kind of work does [%rostertitle%]  
usually do in the primary job/business (last 7 d  
ays)? Kesco Minor Group

I Pick the Code for Minor Kesco Group

SINGLE-SELECT: CASCADING

b20\_1b

- 111 ☐ Legislative and Constitutional Officials
- 112 ☐ National and County Government Officials.
- 113 ☐ Senior Officials of Special Interest Organizations
- 114 ☐ Managing Directors and Chief Executives
- 121 ☐ Business Services and Administration Managers
- 122 ☐ Sales, Marketing and Development Managers
- 123 ☐ Other Administrative and Commercial Managers
- 131 ☐ Agriculture, Forestry, Fisheries and Production Managers
- 132 ☐ Manufacturing, Mining, Drilling, Construction and Distribution Manager
- 133 ☐ Information and Communications Technology Services Manager
- 134 ☐ Professional Services Managers
- 141 ☐ Hotel and Hospitality Managers
- 142 ☐ Micro and Small Enterprise Managers
- 143 ☐ Other Services Managers
- 211 ☐ Physical and Earth Science Professionals
- 212 ☐ Mathematicians, Actuaries and Statisticians

[And 122 other symbols \[14\]](#)

B20\_2b:What kind of work does [%rosteritle%]  
usually do in the primary job/business (last 7 d  
ays)? Kesco Minor Group

I Pick the Code for Minor Kesco Group

SINGLE-SELECT: CASCADING  
SCOPE: SUPERVISOR

b20\_2b

- 111 ☐ Legislative and Constitution  
al Officials
- 112 ☐ National and County Govern  
ment Officials.
- 113 ☐ Senior Officials of Special In  
terest Organizations
- 114 ☐ Managing Directors and Chi  
ef Executives
- 121 ☐ Business Services and Admi  
nistration Managers
- 122 ☐ Sales, Marketing and Develo  
pment Managers
- 123 ☐ Other Administrative and Co  
mmercial Managers
- 131 ☐ Agriculture, Forestry, Fisher  
ies and Production Manager  
s
- 132 ☐ Manufacturing, Mining, Drill  
ing, Construction and Distri  
bution Manager
- 133 ☐ Information and Communic  
ations Technology Services  
Manager
- 134 ☐ Professional Services Mana  
gers
- 141 ☐ Hotel and Hospitality Manag  
ers
- 142 ☐ Micro and Small Enterprise  
Managers
- 143 ☐ Other Services Managers
- 211 ☐ Physical and Earth Science P  
rofessionals
- 212 ☐ Mathematicians, Actuaries a  
nd Statisticians

[And 122 other symbols \[15\]](#)

B20\_1c:What kind of work does [%rostertitle%]  
usually do in the primary job/business (last 7 d  
ays)? Kesco Unit Group

I Pick the Code for Unit Kesco Group

SINGLE-SELECT: CASCADING

b20\_1c

- 1110 ☐ Legislators and Constitutional Officials
- 1121 ☐ Chairperson and Members of Constitutional Offices and Commissions
- 1122 ☐ Secretary/CEO of Constitutional Offices and Commissions
- 1123 ☐ National Government Administrators
- 1124 ☐ County Government Administrators
- 1130 ☐ Senior Officials of Special Interest Organizations
- 1140 ☐ Managing Directors and Chief Executives
- 1211 ☐ Finance Managers
- 1212 ☐ Human Resource Managers
- 1213 ☐ Policy and Planning Managers
- 1221 ☐ Sales and Marketing Managers
- 1222 ☐ Public Relations And Advertising Managers
- 1223 ☐ Research Planning and Development Managers
- 1230 ☐ Other Administrative and Commercial Managers
- 1311 ☐ Agricultural Managers
- 1312 ☐ Forestry and Environmental Managers

[And 421 other symbols \[16\]](#)

B20\_2c:What kind of work does [%rostertitle%]  
usually do in the primary job/business (last 7 d  
ays)? Kesco Unit Group

I Pick the Code for Unit Kesco Group

SINGLE-SELECT: CASCADING  
SCOPE: SUPERVISOR

b20\_2c

1110

☐ Legislators and Constitution  
al Officials

1121

☐ Chairperson and Members  
of Constitutional Offices an  
d Commissions

1122

☐ Secretary/CEO of Constituti  
onal Offices and Commissio  
ns

1123

☐ National Government Admi  
nistrators

1124

☐ County Government Admini  
strators

1130

☐ Senior Officials of Special In  
terest Organizations

1140

☐ Managing Directors and Chi  
ef Executives

1211

☐ Finance Managers

1212

☐ Human Resource Managers

1213

☐ Policy and Planning Manage  
rs

1221

☐ Sales and Marketing Manag  
ers

1222

☐ Public Relations And Adverti  
sing Managers

1223

☐ Research Planning and Deve  
lopment Managers

1230

☐ Other Administrative and Co  
mmercial Managers

1311

☐ Agricultural Managers

1312

☐ Forestry and Environmental  
Managers

[And 421 other symbols \[17\]](#)

B20\_3:Name of %rostertitle%'s employer / busi  
ness

I IF NO NAME WRITE EITHER (BUSINESS / FARM WITHOUT A NAME OR  
PRIVATE HOUSEHOLD AS A DOMESTIC WORKER  
E IsAnswered(b20\_1)  
V1 self.Length>5  
M1 Check if full name is stated

TEXT

b20\_3

.....

B21:What the main economic activity of the place or business where [%roster title%] work(s)? ( E.g.. CARGO HANDLING, EVENT CATERING, BOOK PUBLISHING, RAISING OF POULTRY, MIXED FARMING, WEAVING OF TEXTILE, CONSTRUCTION OF BUILDING, SALE OF MOTOR VEHICLES, RETAIL SALE OF BOOKS IN A SPECIALIZED STORE, HOSPITAL ACTIVITIES, FOREIGN AFFAIRS, GENERAL CLEANING ACTIVITIES, TOUR OPERATOR, HAIR DRESSING ETC)

- I Give Description ([e.g.: Police Department - public safety; Restaurant - preparing and serving meals; Transport Company - long distance transport of goods])
- E IsAnswered(b20)
- V1 self.Length>15
- M1 Please enter at least three words or more separated by spaces

TEXT b21

.....

B21\_1:What kind of economic activity is [%roster title%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Section ( E.g.. CARGO HANDLING, EVENT CATERING, BOOK PUBLISHING, RAISING OF POULTRY, MIXED FARMING, WEAVING OF TEXTILE, CONSTRUCTION OF BUILDING, SALE OF MOTOR VEHICLES, RETAIL SALE OF BOOKS IN A SPECIALIZED STORE, HOSPITAL ACTIVITIES, FOREIGN AFFAIRS, GENERAL CLEANING ACTIVITIES, TOUR OPERATOR, HAIR DRESSING ETC)

- I (Give Code)KESIC section
- E IsAnswered(b21)

SINGLE-SELECT: COMBO BOX b21\_1

01

☐ A \_ Agriculture, Forestry and Fishing

02

☐ B \_ Mining and Quarrying

03

☐ C \_ Manufacturing

04

☐ D \_ Electricity, Gas, Steam and Air Conditioning Supply

05

☐ E \_ Water Supply; Sewerage, Waste Management and Remediation Activities

06

☐ F \_ Construction

07

☐ G \_ Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles

08

☐ H \_ Transportation and Storage

09

☐ I \_ Accommodation and Food Service Activities

10

☐ J \_ Information and Communication

11

☐ K \_ Financial and Insurance Activities

12

☐ L \_ Real Estate Activities

13

☐ M \_ Professional, Scientific and Technical Activities

14

☐ N \_ Administrative and Support Service Activities

15

☐ O \_ Public Administration and Defence; Compulsory Social Security

16

☐ P \_ Education

[And 5 other symbols \[18\]](#)

B21\_2:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC SECTION ( E.g.. CARGO HANDLING, EVENT CATERING, BOOK PUBLISHING, RAISING OF POULTRY, MIXED FARMING, WEAVING OF TEXTILE, CONSTRUCTION OF BUILDING, SALE OF MOTOR VEHICLES, RETAIL SALE OF BOOKS IN A SPECIALIZED STORE, HOSPITAL ACTIVITIES, FOREIGN AFFAIRS, GENERAL CLEANING ACTIVITIES, TOUR OPERATOR, HAIR DRESSING ETC)

I (Give Code)KESIC SECTION  
E IsAnswered(b21)

SINGLE-SELECT: COMBO BOX  
SCOPE: SUPERVISOR

b21\_2

- 01 ☐ A \_ Agriculture, Forestry and Fishing
- 02 ☐ B \_ Mining and Quarrying
- 03 ☐ C \_ Manufacturing
- 04 ☐ D \_ Electricity, Gas, Steam and Air Conditioning Supply
- 05 ☐ E \_ Water Supply; Sewerage, Waste Management and Remediation Activities
- 06 ☐ F \_ Construction
- 07 ☐ G \_ Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles
- 08 ☐ H \_ Transportation and Storage
- 09 ☐ I \_ Accommodation and Food Service Activities
- 10 ☐ J \_ Information and Communication
- 11 ☐ K \_ Financial and Insurance Activities
- 12 ☐ L \_ Real Estate Activities
- 13 ☐ M \_ Professional, Scientific and Technical Activities
- 14 ☐ N \_ Administrative and Support Service Activities
- 15 ☐ O \_ Public Administration and Defence; Compulsory Social Security
- 16 ☐ P \_ Education

[And 5 other symbols \[19\]](#)

B21\_1a:What kind of economic activity is [%roster%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Division

I (Give Code)KESIC Division

SINGLE-SELECT: CASCADING

b21\_1a

- 01 ☐ Crop and animal production, hunting and related service activities
- 02 ☐ Forestry and logging
- 03 ☐ Fishing and Aquaculture
- 05 ☐ Mining of coal and lignite
- 06 ☐ Extraction of crude petroleum and natural gas
- 07 ☐ Mining of metal ores
- 08 ☐ Other mining and quarrying
- 09 ☐ Mining support service activities
- 10 ☐ Manufacture of food products
- 11 ☐ Manufacture of beverages
- 12 ☐ Manufacture of tobacco products
- 13 ☐ Manufacture of textiles
- 14 ☐ Manufacture of wearing apparel
- 15 ☐ Manufacture of leather and related products
- 16 ☐ Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
- 17 ☐ Manufacture of paper and paper products

[And 72 other symbols \[20\]](#)



B21\_2a:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Division

I (Give Code)KESIC Division

SINGLE-SELECT: CASCADING  
SCOPE: SUPERVISOR

b21\_2a

- 01

☐ Crop and animal production , hunting and related service activities
- 02

☐ Forestry and logging
- 03

☐ Fishing and Aquaculture
- 05

☐ Mining of coal and lignite
- 06

☐ Extraction of crude petroleum and natural gas
- 07

☐ Mining of metal ores
- 08

☐ Other mining and quarrying
- 09

☐ Mining support service activities
- 10

☐ Manufacture of food products
- 11

☐ Manufacture of beverages
- 12

☐ Manufacture of tobacco products
- 13

☐ Manufacture of textiles
- 14

☐ Manufacture of wearing apparel
- 15

☐ Manufacture of leather and related products
- 16

☐ Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
- 17

☐ Manufacture of paper and paper products

[And 72 other symbols \[21\]](#)

B21\_1b:What kind of economic activity is [%roster%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Group

I (Give Code)KESIC Division

SINGLE-SELECT: CASCADING

b21\_1b

- 011 ☐ Growing of non-perennial crops
- 012 ☐ Growing of perennial crops
- 013 ☐ Plant propagation
- 014 ☐ Animal production
- 015 ☐ Mixed farming
- 016 ☐ Support activities to agriculture and post-harvest crop activities
- 017 ☐ Hunting, trapping and related service activities
- 021 ☐ Silviculture and other forestry activities
- 022 ☐ Logging
- 023 ☐ Gathering of non-wood forest products
- 024 ☐ support services to forestry
- 031 ☐ Fishing
- 032 ☐ Aquaculture
- 051 ☐ Mining of hard coal
- 052 ☐ Mining of lignite
- 061 ☐ Extraction of crude petroleum

[And 220 other symbols \[22\]](#)

B21\_2b:What kind of economic activity is [%roster%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Group

I (Give Code)KESIC Division

SINGLE-SELECT: CASCADING  
SCOPE: SUPERVISOR

b21\_2b

- 011 ☐ Growing of non-perennial crops
- 012 ☐ Growing of perennial crops
- 013 ☐ Plant propagation
- 014 ☐ Animal production
- 015 ☐ Mixed farming
- 016 ☐ Support activities to agriculture and post-harvest crop activities
- 017 ☐ Hunting, trapping and related service activities
- 021 ☐ Silviculture and other forestry activities
- 022 ☐ Logging
- 023 ☐ Gathering of non-wood forest products
- 024 ☐ support services to forestry
- 031 ☐ Fishing
- 032 ☐ Aquaculture
- 051 ☐ Mining of hard coal
- 052 ☐ Mining of lignite
- 061 ☐ Extraction of crude petroleum

[And 220 other symbols \[23\]](#)

B21\_1c:What kind of economic activity is [%roster%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC SubClass1

I (Give Code)KESIC SubClass1

SINGLE-SELECT: CASCADING

b21\_1c

- 0011000 ☐ Mixed cropping of Non-Perennial Crops
- 0011111 ☐ Growing of maize
- 0011112 ☐ Growing of wheat
- 0011113 ☐ Growing of sorghum
- 0011114 ☐ Growing of Millet
- 0011115 ☐ Growing of Barley
- 0011116 ☐ Growing of mixed cereals
- 0011117 ☐ Growing of cereal seeds
- 0011119 ☐ Growing of Other cereals
- 0011121 ☐ Growing of Beans
- 0011122 ☐ Growing of Green grams
- 0011123 ☐ Growing of Cow peas
- 0011124 ☐ Growing of Dolichos
- 0011125 ☐ Growing of Green peas
- 0011126 ☐ Growing of french beans
- 0011127 ☐ Growing of mixed leguminous crops

[And 1146 other symbols \[24\]](#)

B21\_2c:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC SubClass1

I (Give Code)KESIC SubClass1

SINGLE-SELECT: CASCADING  
SCOPE: SUPERVISOR

b21\_2c

- 0011000 ☐ Mixed cropping of Non-Perennial Crops
- 0011111 ☐ Growing of maize
- 0011112 ☐ Growing of wheat
- 0011113 ☐ Growing of sorghum
- 0011114 ☐ Growing of Millet
- 0011115 ☐ Growing of Barley
- 0011116 ☐ Growing of mixed cereals
- 0011117 ☐ Growing of cereal seeds
- 0011119 ☐ Growing of Other cereals
- 0011121 ☐ Growing of Beans
- 0011122 ☐ Growing of Green grams
- 0011123 ☐ Growing of Cow peas
- 0011124 ☐ Growing of Dolichos
- 0011125 ☐ Growing of Green peas
- 0011126 ☐ Growing of french beans
- 0011127 ☐ Growing of mixed leguminous crops

[And 1146 other symbols \[25\]](#)

B22:Who was [%rosteritle%]'s main employer f  
or primary job / business?

E IsAnswered(b21)

SINGLE-SELECT

b22

- 01 ☐ NATIONAL GOVERNMENT CIVIL SERVICE MINISTRIES
- 02 ☐ NATIONAL GOVERNMENT JUDICIARY
- 03 ☐ NATIONAL GOVERNMENT PARLIAMENT
- 04 ☐ NATIONAL GOVERNMENT COMMISSIONS
- 05 ☐ NATIONAL GOVERNMENT STATE OWNED ENTERPRISE/INSTITUTION
- 06 ☐ NATIONAL GOVERNMENT TEACHERS SERVICE COMMISSION (TSC)
- 07 ☐ COUNTY GOVERNMENT
- 08 ☐ PRIVATE SECTOR ENTERPRISE
- 09 ☐ INTERNATIONAL ORGANIZATIONS/NGO
- 10 ☐ LOCAL NGO/CBO
- 11 ☐ FAITH BASED ORGANIZATION
- 12 ☐ SELF EMPLOYED- FORMAL
- 13 ☐ INFORMAL SECTOR 'JUA KALI' (EMPLOYED)
- 14 ☐ SELF EMPLOYED - INFORMAL
- 15 ☐ SMALL SCALE AGRICULTURE (EMPLOYED)
- 16 ☐ SELF EMPLOYED SMALL SCALE AGRICULTURE

[And 4 other symbols \[26\]](#)

B23:In total, how many hours did [%rosteritle%]  
actually worked in his/her job(s) last week?  
Number of Hours

E IsAnswered(b22)

V1 self<168

M1 Check the total hours worked in the week

V2 self!=0

M2 The number of hours cannot be Zero

V3 self<=120

M3 Working hours cannot exceed 120 hours per week

NUMERIC: INTEGER

b23

-----

B24:What is the distance in metres from your dwelling to work (one way):

E b05\_years>=5 & (b15\_1==1 || b15\_2==1 ||b15\_3==1) || (b16.Contains(1) || b16.Contains(2) || b16.Contains(3) || b16.Contains(4) || b16.Contains(5))

NUMERIC: INTEGER

b24

-----

<div>B24_1:What is the main mode of transport used from your dwelling to: work</div> <div>E b05_years&gt;=5 &amp; (b15_1==1    b15_2==1   b15_3==1) &amp; IsAnswered(b24) &amp; b24!=0</div>	<div>SINGLE-SELECTb24_1</div> <div><div>01</div><div><input type="radio"/> Bicycle/Bodaboda/motorbike</div></div> <div><div>02</div><div><input type="radio"/> Own Bicycle</div></div> <div><div>03</div><div><input type="radio"/> Private Car</div></div> <div><div>04</div><div><input type="radio"/> Matatu/PSV/Bus</div></div> <div><div>05</div><div><input type="radio"/> School bus</div></div> <div><div>06</div><div><input type="radio"/> Water vessels</div></div> <div><div>07</div><div><input type="radio"/> TukTuk</div></div> <div><div>08</div><div><input type="radio"/> Walking</div></div> <div><div>09</div><div><input type="radio"/> Taxi</div></div> <div><div>10</div><div><input type="radio"/> Train</div></div> <div><div>96</div><div><input type="radio"/> Other (Specify)</div></div>
--	---

SECTION C: HOUSEHOLD AMENITIES

section\_C

E (a11==1 && consent==1)

C01_1. What is the main source of drinking water for members of your household?	<div><div>SINGLE-SELECT</div><div><div>c01_1</div><div><div>01</div><div><input type="radio"/> PUBLIC WATER COMPANIES</div></div><div><div>02</div><div><input type="radio"/> PRIVATE WATER COMPANIES</div></div><div><div>03</div><div><input type="radio"/> TUBE WELL OR BOREHOLE (Owned)</div></div><div><div>04</div><div><input type="radio"/> TUBE WELL OR BOREHOLE (Community)</div></div><div><div>05</div><div><input type="radio"/> DUG WELL (Protected)</div></div><div><div>06</div><div><input type="radio"/> DUG WELL (Unprotected)</div></div><div><div>07</div><div><input type="radio"/> WATER FROM SPRING (Protected)</div></div><div><div>08</div><div><input type="radio"/> WATER FROM SPRING (Unprotected)</div></div><div><div>09</div><div><input type="radio"/> RAINWATER</div></div><div><div>10</div><div><input type="radio"/> SURFACE WATER (RIVER/DAM/LAKE/POND/STREAM/CANAL/IRRIGATION CHANNEL)</div></div><div><div>11</div><div><input type="radio"/> PACKAGED BOTTLED WATER</div></div><div><div>96</div><div><input type="radio"/> Other (Specify)</div></div><div><div>98</div><div><input type="radio"/> Don't Know/Unsure</div></div></div></div>
C01_1 Other main source of drinking water for members of your household? (Specify)  E c01_1==96	<div><div>TEXT</div><div><div>c01_1other</div><div><div></div></div></div></div>
C01_2. How do you access this drinking water?	<div><div>SINGLE-SELECT</div><div><div>c01_2</div><div><div>01</div><div><input type="radio"/> PIPED INTO DWELLING</div></div><div><div>02</div><div><input type="radio"/> PIPED TO YARD/PLOT</div></div><div><div>03</div><div><input type="radio"/> PIPED TO NEIGHBOR</div></div><div><div>04</div><div><input type="radio"/> PUBLIC TAP/STANDPIPE</div></div><div><div>05</div><div><input type="radio"/> FETCHED BY HOUSEHOLD</div></div><div><div>06</div><div><input type="radio"/> TANKER TRACK</div></div><div><div>07</div><div><input type="radio"/> CART WITH SMALL TANK</div></div><div><div>08</div><div><input type="radio"/> DELIVERED BY A WATER VENDOR</div></div><div><div>09</div><div><input type="radio"/> HARVESTED</div></div><div><div>10</div><div><input type="radio"/> NONE</div></div><div><div>96</div><div><input type="radio"/> Others (Specify)</div></div></div></div>
C01_2. Other way on how you access this drinking water? (Specify)  E c01_2 == 96	<div><div>TEXT</div><div><div>c01_2other</div><div><div></div></div></div></div>

C01_3. In the last one month, has there been any time when your household did not have sufficient quantities of drinking water when needed?	<div>SINGLE-SELECT <span>C01_3</span></div> <div>00 <input type="radio"/> No</div> <div>01 <input type="radio"/> Yes</div>
C01_4. How long does it take to go there, get water and come back for the main source of drinking water?  I Answer in Minutes E C01_2.InRange(3,5) V1 self>0 M1 Cannot be zero minutes	<div>NUMERIC: INTEGER <span>C01_4</span></div> <div>-----</div>
C01_5. Who usually goes to collect water from the main source of drinking water?  E (C01_2.InRange(3,5) & IsAnswered(C01_4))	<div>SINGLE-SELECT <span>C01_5</span></div> <div>01 <input type="radio"/> Household member</div> <div>02 <input type="radio"/> Person not belonging to the household</div>
C01_5_1. Who usually goes to collect water from the main source of drinking water?  E (C01_5==1 & (C01_2.InRange(3,5) & IsAnswered(C01_4)))	<div>MULTI-SELECT: LINKED <span>C01_5_1</span></div> <div>SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">B02</a></div>
C02_1. What is the main source of water used by your household for other uses such as cooking, hand washing, washing clothes etc?	<div>SINGLE-SELECT <span>C02_1</span></div> <div>01 <input type="radio"/> PUBLIC WATER COMPANIES</div> <div>02 <input type="radio"/> PRIVATE WATER COMPANIES</div> <div>03 <input type="radio"/> TUBE WELL OR BOREHOLE (Owned)</div> <div>04 <input type="radio"/> TUBE WELL OR BOREHOLE (Community)</div> <div>05 <input type="radio"/> DUG WELL (Protected)</div> <div>06 <input type="radio"/> DUG WELL (Unprotected)</div> <div>07 <input type="radio"/> WATER FROM SPRING (Protected)</div> <div>08 <input type="radio"/> WATER FROM SPRING (Unprotected)</div> <div>09 <input type="radio"/> RAINWATER</div> <div>10 <input type="radio"/> SURFACE WATER (RIVER/DAM/LAKE/POND/STREAM/CANAL/IRRIGATION CHANNEL)</div> <div>11 <input type="radio"/> PACKAGED BOTTLED WATER</div> <div>96 <input type="radio"/> Other (Specify)</div> <div>98 <input type="radio"/> Don't Know/Unsure</div>
C02_1. Other main source of water used by your household for other uses such as cooking, hand washing, washing clothes etc? (Specify)  E C02_1==96	<div>TEXT <span>C02_1other</span></div> <div>.....</div>



<p>C02_2. What is the main mode of access for the main source of water used for other uses such as cooking, hand washing, washing clothes etc ?</p>	<p>SINGLE-SELECT <span style="float: right;">c02_2</span></p> <p>01 <input type="radio"/> PIPED INTO DWELLING</p> <p>02 <input type="radio"/> PIPED TO YARD/PLOT</p> <p>03 <input type="radio"/> PIPED TO NEIGHBOR</p> <p>04 <input type="radio"/> PUBLIC TAP/STANDPIPE</p> <p>05 <input type="radio"/> FETCHED BY HOUSEHOLD</p> <p>06 <input type="radio"/> TANKER TRACK</p> <p>07 <input type="radio"/> CART WITH SMALL TANK</p> <p>08 <input type="radio"/> DELIVERED BY A WATER VENDOR</p> <p>09 <input type="radio"/> HARVESTED</p> <p>10 <input type="radio"/> NONE</p> <p>96 <input type="radio"/> Others (Specify)</p>
<p>C02_2 Other. Other main mode of access for the main source of water for other uses such as cooking, hand washing, washing clothes etc? (Specify)</p> <p>E c02_2==96</p>	<p>TEXT <span style="float: right;">c02_2other</span></p> <p>.....</p>
<p>C02_3.Do you experience frequent water shortages for other uses such as cooking, hand washing, washing clothes etc?</p>	<p>SINGLE-SELECT <span style="float: right;">c02_3</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>C02_4. How long does it take to go there, get water and come back for other uses such as cooking, hand washing, washing clothes etc?</p> <p>I Answer in Minutes</p> <p>E c02_2.InRange(3,5)</p>	<p>NUMERIC: INTEGER <span style="float: right;">c02_4</span></p> <p>-----</p>
<p>C02_5:Who usually goes to collect water for other uses such as cooking, hand washing, washing clothes etc?</p> <p>E IsAnswered(C02_4)</p>	<p>SINGLE-SELECT <span style="float: right;">c02_5</span></p> <p>01 <input type="radio"/> Household member</p> <p>02 <input type="radio"/> Person not belonging to the household</p>
<p>C02_5_1:Who usually goes to collect water from the MAIN source of water for other uses such as cooking, hand washing, washing clothes etc?</p> <p>E c02_5==1</p>	<p>MULTI-SELECT: LINKED <span style="float: right;">c02_5_1</span></p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">B02</a></p>
<p>C03:What is the main reason for not having piped water connection?</p> <p>E c01_2.InRange(3,9) &amp; c02_2.InRange(3,9)</p>	<p>SINGLE-SELECT <span style="float: right;">c03</span></p> <p>01 <input type="radio"/> Unable to pay monthly bill</p> <p>02 <input type="radio"/> Unable to pay for water connection</p> <p>03 <input type="radio"/> disconnected due to arrears</p> <p>04 <input type="radio"/> Comfortable with other sources</p> <p>05 <input type="radio"/> Water services not available</p> <p>06 <input type="radio"/> Landlord Not interested</p> <p>07 <input type="radio"/> Delay in connection</p> <p>96 <input type="radio"/> Others (Specify)</p>

C03_ Other: Main reason for not having piped water connection? (Specify)	TEXT <span style="float: right;">c03_other</span>
E c03==96	.....
C04: What Main kind of toilet facility does your household usually use?	SINGLE-SELECT <span style="float: right;">c04</span>
	01 <input type="radio"/> Flush to Piped Sewer System 02 <input type="radio"/> Flush to Septic tank 03 <input type="radio"/> Flush to PitLatrine 04 <input type="radio"/> Flush to Cess pool 05 <input type="radio"/> Flush to Don't know where 06 <input type="radio"/> Ventilated Improved Pit (VIP) 07 <input type="radio"/> Pit latrine with slab 08 <input type="radio"/> Pit Latrine without slab/ Open pit 09 <input type="radio"/> Composting toilet 10 <input type="radio"/> Biodigester 11 <input type="radio"/> Bucket Toilet 12 <input type="radio"/> Hanging toilet/ Hanging latrine 13 <input type="radio"/> No facility/Bush/Field 96 <input type="radio"/> Other (Specify)
C04_Other:Other main kind of toilet facility does your household usually use? (Specify)	TEXT <span style="float: right;">c04other</span>
E c04==96	.....
C05:Do you share this toilet facility with other households?	SINGLE-SELECT <span style="float: right;">c05</span>
E c04!=13	01 <input type="radio"/> Yes 00 <input type="radio"/> No
C06:How many households use this toilet facility?	NUMERIC: INTEGER <span style="float: right;">c06</span>
I Give a Number: The count should include the household being interviewed E c05==1 V1 self>0 M1 Cannot be equal to Zero!!!	-----
C07. Does your household have a hand-washing facility with soap/detergent and water?	SINGLE-SELECT <span style="float: right;">c07</span>
	01 <input type="radio"/> Yes, Soap/detergent and Water 02 <input type="radio"/> Yes, Soap/detergent Only 03 <input type="radio"/> Yes, Water Only 04 <input type="radio"/> No 96 <input type="radio"/> Other (Specify)
C07_1. Other hand-washing facility? (Specify)	TEXT <span style="float: right;">c07_1</span>
E c07==96	.....

<p>C08:Is this household connected to electricity (Main Grid)?</p>	<p>SINGLE-SELECT <span style="float:right">c08</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>C09:Why is this household not connected to electricity Mains Grid?</p> <p>E c08==0</p>	<p>MULTI-SELECT <span style="float:right">c09</span></p> <p>01 <input type="checkbox"/> Unable to pay monthly bill</p> <p>02 <input type="checkbox"/> Unable to pay for electricity main grid connection</p> <p>03 <input type="checkbox"/> Disconnected due to arrears</p> <p>04 <input type="checkbox"/> Comfortable with other sources</p> <p>05 <input type="checkbox"/> Electricity main grid services not available</p> <p>06 <input type="checkbox"/> Landlord not interested</p> <p>07 <input type="checkbox"/> Delay in connection</p> <p>96 <input type="checkbox"/> Others (Specify)</p>
<p>C09_1. Other (Specify) why this household not connected to electricity Mains Grid.</p> <p>E c09.Contains(96)</p>	<p>TEXT <span style="float:right">c09_other</span></p> <p>.....</p>
<p>C10. What is the main source of energy for lighting for your household?</p> <p>W1 (c08==1 &amp; self==1)    (c08==0 &amp; self!=1)   (self.InRange(2,12) &amp;&amp; c08==0)</p> <p>M1 Check if the household is connected to the main grid or not</p>	<p>SINGLE-SELECT <span style="float:right">c10</span></p> <p>01 <input type="radio"/> Electricity connection from main grid (KPLC)</p> <p>02 <input type="radio"/> Electricity connection from a mini grid (private)</p> <p>03 <input type="radio"/> Electricity connection from generator</p> <p>04 <input type="radio"/> Electricity connection from a solar system/panels</p> <p>05 <input type="radio"/> Solar Charged Battery/Torch/Spotlight/lamp</p> <p>06 <input type="radio"/> Electricity connection from wind</p> <p>07 <input type="radio"/> Biogas</p> <p>08 <input type="radio"/> Kerosene Or Paraffin Lamp</p> <p>09 <input type="radio"/> Charcoal</p> <p>10 <input type="radio"/> Wood</p> <p>11 <input type="radio"/> Candle</p> <p>12 <input type="radio"/> None</p> <p>96 <input type="radio"/> Other (Specify)</p>
<p>C10_1: Other main source of energy for lighting for your household? (Specify)</p> <p>E c10==96</p>	<p>TEXT <span style="float:right">c10_1</span></p> <p>.....</p>

<p>C10_2:In the last 7 days, how many hours of electricity were available each day on average from [%C10%]?</p> <p>E C10==1</p> <p>V1 self&lt;=168</p> <p>M1 should not be more than 24 hours a day</p>	<p>NUMERIC: INTEGER <span style="float: right;">C10_2</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>-01 Experienced no power outage/Blackout</p>
<p>C10_3:What was the total duration of all the unscheduled outages/ blackouts in the last 7 days ? (In Hours)</p> <p>E (C10==1 &amp;&amp; C10_2!=-1)</p>	<p>NUMERIC: INTEGER <span style="float: right;">C10_3</span></p> <p>-----</p>
<p>C10_4:In the last 12 months, were any of your appliances damaged because of issues in the electrical system (voltage surges)?</p> <p>E C10==1</p>	<p>SINGLE-SELECT <span style="float: right;">C10_4</span></p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> <p>98 <input type="radio"/> Don't Know/Unsure</p>
<p>C11:What is the main source of energy for cooking in your household?</p>	<p>SINGLE-SELECT <span style="float: right;">C11</span></p> <p>01 <input type="radio"/> Electricity connection from main grid (KPLC)</p> <p>02 <input type="radio"/> Electricity connection from a mini grid (private)</p> <p>03 <input type="radio"/> Electricity connection from generator</p> <p>04 <input type="radio"/> Electricity connection from a solar system/panels</p> <p>05 <input type="radio"/> Electricity connection from wind</p> <p>06 <input type="radio"/> Biogas</p> <p>07 <input type="radio"/> LPG (gas)</p> <p>08 <input type="radio"/> Ethanol</p> <p>09 <input type="radio"/> Firewood and products of wood</p> <p>10 <input type="radio"/> Processed biomass (pellets) or woodchips</p> <p>11 <input type="radio"/> Charcoal</p> <p>12 <input type="radio"/> Agricultural crop residue</p> <p>13 <input type="radio"/> Animal dung/waste</p> <p>14 <input type="radio"/> Not Applicable</p> <p>96 <input type="radio"/> Other (Specify)</p>
<p>C11_Other main source of energy for cooking? (Specify)</p> <p>E C11==96</p>	<p>TEXT <span style="float: right;">C11_other</span></p> <p>-----</p>
<p>C11_1:Who usually goes to collect the main fuel your household uses for cooking most of the time?</p> <p>E C11.InRange(9,13)</p>	<p>SINGLE-SELECT <span style="float: right;">C11_1</span></p> <p>01 <input type="radio"/> Household member</p> <p>02 <input type="radio"/> Person not belonging to the household</p>

<p>C11_1_1:Who usually goes to collect the main fuel your household uses for cooking most of the time?</p> <p>E C11_1==1</p>	<p>SINGLE-SELECT: LINKED SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">B02</a></p> <p>c11_1_1</p>
<p>C11_2:On a single trip, how long does it take for this person to go to collect the fuel, get the fuel, and come back?</p> <p>E IsAnswered(C11_1_1)</p>	<p>SINGLE-SELECT</p> <p>c11_2</p> <p>01 <input type="radio"/> Hours</p> <p>02 <input type="radio"/> Minutes</p> <p>03 <input type="radio"/> Don't Know / Unsure</p>
<p>C11_2_1:On a single trip, how long does it take for this person to go to collect the fuel, get the fuel, and come back?TIME</p> <p>E C11_2!=3 &amp; IsAnswered(C11_2)</p>	<p>NUMERIC: INTEGER</p> <p>c11_2_1</p> <p>-----</p>
<p>C11_3:In the past month (the last 30 days), how many times has this person collected this fuel for household cooking?</p> <p>I Enter the number of times</p> <p>E IsAnswered(C11_2_1)</p>	<p>NUMERIC: INTEGER</p> <p>c11_3</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>98 Don't Know</p>
<p>C11_4:In the past 12 months, did this person experience an injury while collecting or transporting fuel?</p> <p>E IsAnswered(C11_3)</p>	<p>MULTI-SELECT</p> <p>c11_4</p> <p>01 <input type="checkbox"/> No injury</p> <p>02 <input type="checkbox"/> Back pain</p> <p>03 <input type="checkbox"/> Back, neck or shoulder injury</p> <p>04 <input type="checkbox"/> Cuts or scrapes</p> <p>05 <input type="checkbox"/> Snake or animal bite</p> <p>06 <input type="checkbox"/> Death</p> <p>07 <input type="checkbox"/> Other</p> <p>98 <input type="checkbox"/> Don't know / unsure</p>
<p>C12:What type of cookstove does the household use for cooking most of the time?</p> <p>E C11!=14</p>	<p>SINGLE-SELECT</p> <p>c12</p> <p>01 <input type="radio"/> Electric/LPG/Biogas Cooker</p> <p>02 <input type="radio"/> Electric pressure Cooker</p> <p>03 <input type="radio"/> Air fryer</p> <p>04 <input type="radio"/> Jiko Koko (Ethanol)</p> <p>05 <input type="radio"/> Kerosene Stove</p> <p>06 <input type="radio"/> Ordinary Charcoal Jiko</p> <p>07 <input type="radio"/> Improved Charcoal Jiko</p> <p>08 <input type="radio"/> Improved Firewood Jiko</p> <p>09 <input type="radio"/> Moveable Firepan</p> <p>10 <input type="radio"/> Three stone stove/open fire</p> <p>96 <input type="radio"/> Other, specify</p>
<p>C12_Other:Other type of stove the household uses for cooking most of the time? (Specify)</p> <p>E C12==96</p>	<p>TEXT</p> <p>c12_other</p> <p>.....</p>

<p>C12_1:Yesterday how much time in total was spent preparing the [COOKSTOVE] and fuel for cooking, including setting up the fuel and lighting/turning on the cookstove but not including gathering fuel or cooking time?</p> <p>E IsAnswered(C12)</p>	<p>SINGLE-SELECT c12_1</p> <p>01 <input type="radio"/> Hours</p> <p>02 <input type="radio"/> Minutes</p> <p>03 <input type="radio"/> Don't Know/Unsure</p>
<p>C12_1_1:Yesterday how much time in total was spent preparing the [COOKSTOVE] and fuel for cooking, including setting up the fuel and lighting/turning on the cookstove but not including gathering fuel or cooking time?</p> <p>E (C12_1==1    C12_1==2)</p>	<p>NUMERIC: INTEGER c12_1_1</p> <p>-----</p>
<p>C12_2:Who in the household does most of the cooking, including cooking food, making tea/coffee and boiling drinking water?</p> <p>E IsAnswered(C12_1_1)</p>	<p>SINGLE-SELECT c12_2</p> <p>01 <input type="radio"/> Household member</p> <p>02 <input type="radio"/> Person not belonging to the household</p>
<p>C12_2_1:Who in the household does most of the cooking, including cooking food, making tea/coffee and boiling drinking water?</p> <p>E C12_2==1</p>	<p>SINGLE-SELECT: LINKED c12_2_1</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">B02</a></p>
<p>C12_3:Yesterday, how much time did this person spend cooking, including cooking food, tea/coffee, and boiling drinking water for household consumption? (Hours - Minutes)</p> <p>E IsAnswered(C12_2_1)</p>	<p>SINGLE-SELECT c12_3</p> <p>01 <input type="radio"/> Hours</p> <p>02 <input type="radio"/> Minutes</p> <p>03 <input type="radio"/> Don't Know/Unsure</p>
<p>C12_3_1:Yesterday, how much time did this person spend cooking, including cooking food, tea/coffee, and boiling drinking water for household consumption? (Hours - Minutes)</p> <p>E (C12_3==1    C12_3==2)</p>	<p>NUMERIC: DECIMAL c12_3_1</p> <p>-----</p>
<p>C12_4:In the past 12 months, did any harm or injury happen from using this cookstove, device or fuel?</p> <p>E IsAnswered(C12_3_1)</p>	<p>SINGLE-SELECT c12_4</p> <p>01 <input type="radio"/> None</p> <p>02 <input type="radio"/> Person burned</p> <p>03 <input type="radio"/> Fire in house</p> <p>04 <input type="radio"/> Chest problems</p> <p>05 <input type="radio"/> Eye problems</p> <p>06 <input type="radio"/> Poisoning</p> <p>07 <input type="radio"/> Death</p>

C13:Does your household have any of the following smart technologies?	<div>MULTI-SELECT: YES/NO</div> <div>C13</div> <div> <div>01</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Fixed internet connection (e.g. Fiber optic cable etc)</div> </div> <div> <div>02</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Mobile internet connection</div> </div> <div> <div>03</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Computer/ Tablet/ Laptop</div> </div> <div> <div>04</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Smart lighting systems</div> </div> <div> <div>05</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Smart security systems like alarms, cameras, smoke detectors and sensors</div> </div> <div> <div>06</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Smart door locks and garage door openers</div> </div> <div> <div>07</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Smart plugs</div> </div> <div> <div>96</div> <div><input type="checkbox"/>/ <input type="checkbox"/></div> <div>Other smart technologies (specify)</div> </div>
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# SECTION D: DWELLING UNIT CHARACTERISTICS

section\_D

E ((a11==1 && consent==1) || IsAnswered(b\_date) || a12>0)

<div>D01:How many dwelling units does this household occupy? Number of dwelling units</div> <div>W1 self&lt;=11</div> <div>M1 Error! Please validate the number of dwelling units from the respondents</div> <div>V2 self&gt;0</div> <div>M2 Error!Number of dwelling units must be greater than 0</div>	<div>NUMERIC: INTEGER</div> <div>d01</div> <div>-----</div>
<div>D02:DESCRIPTION OF THE DWELLING UNIT</div> <div>I MAKE A COMPLETE LIST OF ALL DWELLING UNITS OCCUPIED BY THE HOUSEHOLD STARTING WITH THE MAIN DWELLING UNIT</div> <div>V1 self.Length==d01</div> <div>M1 Number of dwelling units cannot be more than number stated earlier!!</div>	<div>LIST</div> <div>d02</div> <div>-----</div>

SECTION D: DWELLING UNIT CHARACTERISTICS  
Roster: DWELLING UNITS OCCUPIED - %ROSTERTITLE%  
generated by list question [d02](#)

dwellingunits

<div>D03:What is the type of the %roster%?</div> <div>V1 (self==8 &amp;&amp; A07_1==2)    (self.InRange(1,7) &amp;&amp; A07_1==2)    (self.InRange(1,7) &amp;&amp; A07_1==1)    (self==96 &amp;&amp; A07_1==2)    (self==96 &amp;&amp; A07_1==1)</div> <div>M1 Town houses are only found in urban areas</div>	<div>SINGLE-SELECT</div> <div>d03</div> <div>01 <input type="radio"/> BUNGALOW</div> <div>02 <input type="radio"/> FLAT / APARTMENT</div> <div>03 <input type="radio"/> MAISONETTE</div> <div>04 <input type="radio"/> SWAHILI/COMPOUND HOUSES SHARING FACILITIES</div> <div>05 <input type="radio"/> COMPOUND HOUSES NOT SHARING FACILITIES</div> <div>06 <input type="radio"/> SHANTY</div> <div>07 <input type="radio"/> MANYATTA/TRADITIONAL HOUSE/HUT</div> <div>08 <input type="radio"/> TOWNHOUSE</div> <div>96 <input type="radio"/> OTHER (SPECIFY)</div>
<div>D03: Other(Specify)</div> <div>E d03==96</div>	<div>TEXT</div> <div>d03_other</div> <div>-----</div>
<div>D04:Is the [%roster%] attached/detached?</div> <div>I OBSERVATION</div>	<div>SINGLE-SELECT</div> <div>d04</div> <div>01 <input type="radio"/> Attached</div> <div>02 <input type="radio"/> Detached</div>
<div>D05:Is the [%roster%] connected with electricity?</div> <div>W1 (C08==1 &amp;&amp; self==1)    (C08==0 &amp;&amp; self==0)</div> <div>M1 check if the household uses electricity or not</div>	<div>SINGLE-SELECT</div> <div>d05</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>
<div>D06:Does the [%roster%] have piped water inside?</div>	<div>SINGLE-SELECT</div> <div>d06</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>



<p>D07:Does the [%rostertitle%] have air conditioning?(INCLUDE AIR CONDITIONER WITH COOLING ONLY/WITH DEHUMIDIFIER/ SPLIT CHASSIS/REMOTE CONTROLLING EXCLUDE FANS)</p> <p>I INCLUDE AIR CONDITIONER WITH COOLING ONLY/WITH DEHUMIDIFIER/ SPLIT CHASSIS/REMOTE CONTROLLING EXCLUDE FANS</p>	<p>SINGLE-SELECT d07</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>D08: How many rooms does the %rostertitle% have ?</p> <p>V1 self &lt;= 23</p> <p>M1 Error! Please confirm the actual number of rooms with the respondent</p>	<p>NUMERIC: INTEGER d08</p> <p>-----</p>
<p>D08_1: How many bedrooms are in this %rosteritle% ?</p> <p>E d08&gt;1</p> <p>V1 self &lt;= 23</p> <p>M1 Error! Please confirm the actual number of rooms with the respondent</p> <p>V2 self!&lt;=d08</p> <p>M2 No of bedrooms cannot be greater than number of rooms!!!</p>	<p>NUMERIC: INTEGER d08_1</p> <p>-----</p>
<p>D09: How many habitable rooms does the %rosteritle% contain?</p> <p>V1 self &lt;= 23</p> <p>M1 Error! Please confirm the actual number of rooms with the respondent</p> <p>V2 self&gt;0</p> <p>M2 Error! Rooms cannot be 0</p> <p>V3 self&lt;=d08</p> <p>M3 Confirm the number of habitable in the dwelling cannot be higher than the total rooms</p>	<p>NUMERIC: INTEGER d09</p> <p>-----</p>
<p>D10: How many rooms in the %rostertitle% are used for sleeping?</p> <p>V1 self &lt;= 23</p> <p>M1 Error! Please confirm the actual number of rooms with the respondent</p> <p>V2 self&gt;0</p> <p>M2 Error! Rooms cannot be less than 0</p> <p>W3 self&lt;=d08</p> <p>M3 Confirm the number of bedrooms in the dwelling cannot be higher than the total rooms</p>	<p>NUMERIC: INTEGER d10</p> <p>-----</p>
<p>D11:What is the total floor area of all the rooms in the %rostertitle% Pick Unit of Measurement</p> <p>I Ask respondent</p>	<p>SINGLE-SELECT d11</p> <p>01 <input type="radio"/> SQ Metres</p> <p>02 <input type="radio"/> SQ Feet</p>
<p>D11_1:What is the total floor area of all the rooms in the %rostertitle% ?</p> <p>I Ask respondent</p> <p>W1 self&gt;0</p> <p>M1 Check if floor areas given is correct</p>	<p>NUMERIC: INTEGER d11_1</p> <p>-----</p>
<p>D11_2:Was the total floor area measured or approximated?</p> <p>I Ask respondent</p>	<p>SINGLE-SELECT d11_2</p> <p>01 <input type="radio"/> Measured</p> <p>02 <input type="radio"/> Approximated</p>

<p>D12:Does your household own this [%rostertitle% ] rent it, or live here without pay?</p>	<div>SINGLE-SELECT<div>d12</div></div> <div>01<div><input type="radio"/></div>OWNS</div> <div>02<div><input type="radio"/></div>PAYS RENT/LEASE</div> <div>03<div><input type="radio"/></div>NO RENT WITH CONSENT OF OWNER</div> <div>04<div><input type="radio"/></div>NO RENT, SQUATTING</div>
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<p>D15_Other: What is the predominant material of the exterior walls of the [%rosteritle%]?</p> <p>I RECORD OBSERVATION</p> <p>E d15==96</p>	<p>TEXT <span style="float: right;">d15_other</span></p> <p>.....</p>
<p>D16: What is the predominant roof material of the [%rosteritle%]?</p> <p>I RECORD OBSERVATION</p>	<p>SINGLE-SELECT <span style="float: right;">d16</span></p> <p>01 <input type="radio"/> Grass / Makuti thatch/twigs</p> <p>02 <input type="radio"/> Dung / mud</p> <p>03 <input type="radio"/> Iron sheets/Decra/Versatile</p> <p>04 <input type="radio"/> Tin cans</p> <p>05 <input type="radio"/> Asbestos sheet</p> <p>06 <input type="radio"/> Concrete/Cement</p> <p>07 <input type="radio"/> Tiles</p> <p>08 <input type="radio"/> Canvas/Nylon/Cartons/Card board</p> <p>96 <input type="radio"/> Other</p>
<p>D16_Other: What is the predominant roof material of the [%rosteritle%]?</p> <p>I RECORD OBSERVATION</p> <p>E d16==96</p>	<p>TEXT <span style="float: right;">d16_other</span></p> <p>.....</p>
<p>D17:Does your household's living arrangement respect your cultural norms/ practices?</p>	<p>SINGLE-SELECT <span style="float: right;">d17</span></p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> Yes for now</p>
<p>D18:Have you ever faced discrimination in accessing housing due to your gender, religion, culture, marital status, social status, physical status (PWD)?</p> <p>E IsAnswered(d17)</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">d18</span></p> <p>01 <input type="checkbox"/>/ <input type="checkbox"/> Gender</p> <p>02 <input type="checkbox"/>/ <input type="checkbox"/> Religion</p> <p>03 <input type="checkbox"/>/ <input type="checkbox"/> Culture</p> <p>04 <input type="checkbox"/>/ <input type="checkbox"/> Marital Status</p> <p>05 <input type="checkbox"/>/ <input type="checkbox"/> Social Status</p> <p>06 <input type="checkbox"/>/ <input type="checkbox"/> Disability(PWD)</p> <p>07 <input type="checkbox"/>/ <input type="checkbox"/> Race</p> <p>08 <input type="checkbox"/>/ <input type="checkbox"/> Tribe</p>
<p>D19:Do you consider your Main Dwelling unit a dequate for your household?</p> <p>E IsAnswered(d18)</p>	<p>SINGLE-SELECT <span style="float: right;">d19</span></p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> Yes for now</p> <p>00 <input type="radio"/> No</p>

D20:What factors prevent you from having an adequate Dwelling unit?

E d19==0

MULTI-SELECT

d20

- 01 ☐ High cost of rent
- 02 ☐ High cost of land
- 03 ☐ Lack of valid legal ownershi  
p of land documentation
- 04 ☐ Don't qualify for a loan
- 05 ☐ High cost of materials
- 06 ☐ High interest rates on loan/  
mortgage
- 07 ☐ Houses too costly to buy
- 08 ☐ Low income
- 09 ☐ Proximity to basic amenities
- 10 ☐ Not interested in moving

## SECTION E: ENVIRONMENT AND LOCATION

section\_E

E (a11==1 && consent==1)

E01: Is your household a registered member of any neighbourhood/estate association(s)?	<p>SINGLE-SELECT <span style="float: right;">E01</span></p> <p>01 <input type="radio"/> Yes, here</p> <p>02 <input type="radio"/> Yes, elsewhere</p> <p>00 <input type="radio"/> No</p>
E02. Does your neighbourhood have the following facilities?	<p>MULTI-SELECT: YES/NO <span style="float: right;">E02</span></p> <p>01 <input type="checkbox"/>/ <input type="checkbox"/> Parking (communal)</p> <p>02 <input type="checkbox"/>/ <input type="checkbox"/> Parking (private-individual)</p> <p>03 <input type="checkbox"/>/ <input type="checkbox"/> Parking (private-multiple)</p> <p>04 <input type="checkbox"/>/ <input type="checkbox"/> Swimming pool</p> <p>05 <input type="checkbox"/>/ <input type="checkbox"/> Security ( CCTV )</p> <p>06 <input type="checkbox"/>/ <input type="checkbox"/> Open Space for Public Use</p> <p>07 <input type="checkbox"/>/ <input type="checkbox"/> Security Guards</p> <p>08 <input type="checkbox"/>/ <input type="checkbox"/> Fire Safety Precautions</p> <p>09 <input type="checkbox"/>/ <input type="checkbox"/> Gym</p> <p>96 <input type="checkbox"/>/ <input type="checkbox"/> Other (Specify)</p>
E02_1. Other facilities in neighbourhood? (Specify)	<p>TEXT <span style="float: right;">E02_1</span></p> <p>.....</p>
E03. How does this household primarily dispose off household solid waste that is not composted (in the garden), recycled or fed to animals?	<p>SINGLE-SELECT <span style="float: right;">E03</span></p> <p>01 <input type="radio"/> Collected by County Government</p> <p>02 <input type="radio"/> Collected by Community Association</p> <p>03 <input type="radio"/> Collected by Private Company</p> <p>04 <input type="radio"/> Collected by Youth Group</p> <p>05 <input type="radio"/> Dumped in the Compound</p> <p>06 <input type="radio"/> Dumped in the street/vacant plot/drainage</p> <p>07 <input type="radio"/> Dumped in a pit</p> <p>08 <input type="radio"/> Dumped in the latrine</p> <p>09 <input type="radio"/> Burnt in the open</p> <p>10 <input type="radio"/> Buried</p> <p>96 <input type="radio"/> Other (Specify)</p>
E03_1. If Other, (Specify)	<p>TEXT <span style="float: right;">E03_1</span></p> <p>.....</p>

E E03 == 96

<p>E04. How often is household waste collected?</p> <p>E E03.InRange(1,4)</p>	<p>SINGLE-SELECT <span style="float: right;">E04</span></p> <p>01 <input type="radio"/> Daily</p> <p>02 <input type="radio"/> Twice a week</p> <p>03 <input type="radio"/> Weekly</p> <p>04 <input type="radio"/> Monthly</p> <p>96 <input type="radio"/> Other (Specify)</p>
<p>E04_1. If Other, (Specify)</p> <p>E E04 == 96</p>	<p>TEXT <span style="float: right;">E04_1</span></p> <p>.....</p>
<p>E05. Estimate the amount of household waste you dispose off each week i.e. 7 days (include food waste, plastics, paper, tins, etc)</p> <p>I ESTIMATE VOLUME IN TERMS OF NO. OF 20 KG BUCKETS</p>	<p>NUMERIC: DECIMAL <span style="float: right;">E05</span></p> <p>-----</p>
<p>E06. Is your locality prone to flooding?</p>	<p>SINGLE-SELECT <span style="float: right;">E06</span></p> <p>01 <input type="radio"/> Yes, Severe</p> <p>02 <input type="radio"/> Yes, Mild</p> <p>00 <input type="radio"/> No</p>
<p>E07. Is your locality prone to mudslides?</p>	<p>SINGLE-SELECT <span style="float: right;">E07</span></p> <p>01 <input type="radio"/> Yes, Severe</p> <p>02 <input type="radio"/> Yes, Mild</p> <p>00 <input type="radio"/> No</p>
<p>E08. What is the terrain of the land where the dwelling unit is located? RECORD OBSERVATION</p> <p>I Do not read this to respondent</p>	<p>SINGLE-SELECT <span style="float: right;">E08</span></p> <p>01 <input type="radio"/> Plain/Flat</p> <p>02 <input type="radio"/> Slightly slopy</p> <p>03 <input type="radio"/> Slopy</p> <p>04 <input type="radio"/> Steep</p>
<p>E09. Is the Dwelling unit located on or close to a</p> <p>I RECORD OBSERVATION</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">E09</span></p> <p>01 <input type="checkbox"/> <input type="checkbox"/> River/Lake</p> <p>02 <input type="checkbox"/> <input type="checkbox"/> Swamp</p> <p>03 <input type="checkbox"/> <input type="checkbox"/> Wetland</p> <p>04 <input type="checkbox"/> <input type="checkbox"/> Quarry</p> <p>05 <input type="checkbox"/> <input type="checkbox"/> Dumpsite</p> <p>06 <input type="checkbox"/> <input type="checkbox"/> Factory/Industry</p> <p>07 <input type="checkbox"/> <input type="checkbox"/> Forest</p> <p>08 <input type="checkbox"/> <input type="checkbox"/> Bars and Night Clubs</p> <p>09 <input type="checkbox"/> <input type="checkbox"/> Worship centres</p> <p>10 <input type="checkbox"/> <input type="checkbox"/> Airport</p> <p>11 <input type="checkbox"/> <input type="checkbox"/> Busy Road</p> <p>12 <input type="checkbox"/> <input type="checkbox"/> Helipad</p> <p>13 <input type="checkbox"/> <input type="checkbox"/> Ocean</p>

SECTION E: ENVIRONMENT AND LOCATION

Roster: POLLUTION - %ROSTERTITLE%

generated by multi-select question [E09](#)

E09R

<p>E10. What is the distance Metres from the dwelling unit to %rosteritle% ? (Metres)</p>	<p>NUMERIC: INTEGER <span style="float: right;">E10</span></p> <p>-----</p>
---	---

E11. Does the household experience noise,air a nd/or water pollution from the %rosteritle% ?	<div>SINGLE-SELECT<div>E11</div><div><div>00</div><div><input type="radio"/> No</div></div><div><div>01</div><div><input type="radio"/> Yes, Severe</div></div><div><div>02</div><div><input type="radio"/> Yes, Mild</div></div></div>
---	---

# SECTION G: TRANSPORT AND INFRASTRUCTURE

section\_G

E (a11==1 && consent==1)

G01a: What is distance in Meters from your dwelling unit to the nearest <a href="#">Primary School</a> (One Way)	NUMERIC: DECIMAL -----	G01a
G01b: What is distance in Meters from your dwelling unit to the nearest <a href="#">Secondary School</a> (One Way)	NUMERIC: DECIMAL -----	G01b
G01c: What is distance in Meters from your dwelling unit to the nearest <a href="#">Police Station/post</a> (One Way)	NUMERIC: DECIMAL -----	G01c
G01d: What is distance in Meters from your dwelling unit to the nearest <a href="#">Health Facility</a> (One Way)	NUMERIC: DECIMAL -----	G01d
G01e: What is distance in Meters from your dwelling unit to the nearest <a href="#">Bus Stop</a> (One Way)	NUMERIC: DECIMAL -----	G01e
G01f: What is distance in Meters from your dwelling unit to the nearest <a href="#">Shopping Center</a> (One Way)	NUMERIC: DECIMAL -----	G01f
G01g: What is distance in Meters from your dwelling unit to the nearest <a href="#">Worship Center</a> (One Way)	NUMERIC: DECIMAL -----	G01g
G01h: What is distance in Meters from your dwelling unit to the nearest <a href="#">Recreation Park/Open Space</a> (One Way)	NUMERIC: DECIMAL -----	G01h
G01i: What is distance in Meters from your dwelling unit to the nearest <a href="#">Market</a> (One Way)	NUMERIC: DECIMAL -----	G01i
G01j: What is distance in Meters from your dwelling unit to the nearest <a href="#">Social Hall</a> (One Way)	NUMERIC: DECIMAL -----	G01j
G01k: What is distance in Meters from your dwelling unit to the nearest <a href="#">Pick up / Drop off Point</a> (One Way)	NUMERIC: DECIMAL -----	G01k
G02: What is the distance to the nearest all weather/all-season road from your dwelling unit (Choose unit of measurement in Kilometres/Meters)	SINGLE-SELECT 01 <input type="radio"/> Kilometers(KM) 02 <input type="radio"/> Meters(M)	G02

I Choose the measuring unit



<p>G02_1: What is the distance to the nearest all weather/all-season road from your dwelling unit</p> <p>I Record distance E IsAnswered(G02)</p>	<p>NUMERIC: INTEGER <span style="float: right;">G02_1</span></p> <p>-----</p>
<p>G03: What type of access road leads to your dwelling?</p>	<p>SINGLE-SELECT <span style="float: right;">G03</span></p> <p>01 <input type="radio"/> Bitumen 02 <input type="radio"/> Paved/Cabro 03 <input type="radio"/> Gravel/Murram 04 <input type="radio"/> Earth</p>
<p>G04: Does the access road to your dwelling have street lights/Highmask lighting?</p>	<p>SINGLE-SELECT <span style="float: right;">G04</span></p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p>
<p>G05: Does the Government provide the following utilities?</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">G05</span></p> <p>01 <input type="checkbox"/>/ <input type="checkbox"/> Street lighting 02 <input type="checkbox"/>/ <input type="checkbox"/> Pedestrian Pathways 03 <input type="checkbox"/>/ <input type="checkbox"/> Cycling Pathways 04 <input type="checkbox"/>/ <input type="checkbox"/> Drainage 05 <input type="checkbox"/>/ <input type="checkbox"/> Sewerage 06 <input type="checkbox"/>/ <input type="checkbox"/> Water 07 <input type="checkbox"/>/ <input type="checkbox"/> Roads 08 <input type="checkbox"/>/ <input type="checkbox"/> Health facilities/Hospitals 09 <input type="checkbox"/>/ <input type="checkbox"/> Garbage Collection 10 <input type="checkbox"/>/ <input type="checkbox"/> Recreation Facility(Parks, Public Space)</p>
<p>G06: Are the following utilities provided by the Government functional?</p> <p>F G05.Yes.Contains(@optioncode) E G05.Yes.ContainsAny(1,2,3,4,5,6,7,8,9,10)</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">G06</span></p> <p>01 <input type="checkbox"/>/ <input type="checkbox"/> Street lighting 02 <input type="checkbox"/>/ <input type="checkbox"/> Pedestrian Pathways 03 <input type="checkbox"/>/ <input type="checkbox"/> Cycling Pathways 04 <input type="checkbox"/>/ <input type="checkbox"/> Drainage 05 <input type="checkbox"/>/ <input type="checkbox"/> Sewerage 06 <input type="checkbox"/>/ <input type="checkbox"/> Water 07 <input type="checkbox"/>/ <input type="checkbox"/> Roads 08 <input type="checkbox"/>/ <input type="checkbox"/> Health facilities/Hospitals 09 <input type="checkbox"/>/ <input type="checkbox"/> Garbage Collection 10 <input type="checkbox"/>/ <input type="checkbox"/> Recreation Facility(Parks, Public Space)</p>

## SECTION H: DISABILITY

section\_H

E (a11==1 && consent==1)

H01: How would you rate the accessibility of your current housing in terms of mobility for persons with disabilities?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Very Poor</p> <p>02 <input type="radio"/> Poor</p> <p>03 <input type="radio"/> Fair</p> <p>04 <input type="radio"/> Good</p> <p>05 <input type="radio"/> Excellent</p>	H01
H02: How would you rate the overall safety of your housing, especially for people with mobility challenges?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Very Unsafe</p> <p>02 <input type="radio"/> Unsafe</p> <p>03 <input type="radio"/> Neutral</p> <p>04 <input type="radio"/> Safe</p> <p>05 <input type="radio"/> Very Safe</p>	H02
H03: How satisfied are you with the lighting in and around your housing, especially for individuals with visual impairments?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Very Dissatisfied</p> <p>02 <input type="radio"/> Dissatisfied</p> <p>03 <input type="radio"/> Neutral</p> <p>04 <input type="radio"/> Satisfied</p> <p>05 <input type="radio"/> Very Satisfied</p>	H03
H04: Does your home have wide doorways and hallways to accommodate wheelchairs or mobility aids?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Not sure</p>	H04
H05: Are there any grab bars installed in the bathroom or near the toilet to assist with stability and prevent falls?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Not Applicable</p>	H05
H06: Does your residence have an entrance ramp or no-step entry?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Not Applicable</p>	H06
H07: Does your residence have lever-style door handles for easy use?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Not Applicable</p>	H07
H08: Does your housing complex have an elevator for multi-story buildings?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>03 <input type="radio"/> Not Applicable</p>	H08

H09:Does your residence have visual or auditory smoke alarms for residents with hearing or visual impairments	<div>SINGLE-SELECT</div> <div>H09</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>02</div><div><input type="radio"/> No</div></div> <div><div>03</div><div><input type="radio"/> Not Applicable</div></div>
H10:Do the light switches and electrical outlets in your home have easy-to-reach heights for individuals who use wheelchairs or have limited mobility?	<div>SINGLE-SELECT</div> <div>H10</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>02</div><div><input type="radio"/> No</div></div> <div><div>03</div><div><input type="radio"/> Not Applicable</div></div>
H11:Are there any accommodations in the kitchen area, such as lowered countertops or accessible cabinets, to make meal preparation easier for individuals with disabilities?	<div>SINGLE-SELECT</div> <div>H11</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>02</div><div><input type="radio"/> No</div></div> <div><div>03</div><div><input type="radio"/> Not Sure</div></div>

## SECTION I: LAND OWNERSHIP AND TENURE

section\_I

E (a11==1 && consent==1)

<p>I00. Do you or does any member of your household own any parcel of land, either alone or jointly with someone else, irrespective of whether the parcel is used by you or another household, and irrespective of the use of the parcel (including dwelling plot, agricultural, pastoral, forest and business/commercial plots)?</p>	<p>SINGLE-SELECT I00</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>I01_2: Please describe or give me the name of each parcel, starting with the parcel which the household resides on, if applicable.</p> <p>I GIVE ME THE NAME AND SIZE OF EACH PARCEL THAT MEMBERS OF MY HOUSEHOLD USE, OWN, OR HOLD USE RIGHTS, STARTING WITH THE PARCEL WHICH THE HOUSEHOLD RESIDES ON, IF APPLICABLE.</p> <p>E I00==1</p>	<p>LIST I01_2</p> <p>.....</p>

SECTION I: LAND OWNERSHIP AND TENURE

Roster: LAND PARCELS - %ROSTERTITLE%

generated by list question [I01\\_2](#)

Land\_Parcel

E I00==1

<p>I01_3: How was the use or ownership rights this %rosteritle% acquired?</p>	<p>SINGLE-SELECT I01_3</p> <p>01 <input type="radio"/> Purchased</p> <p>02 <input type="radio"/> Inherited</p> <p>03 <input type="radio"/> Allocated By Family Member</p> <p>04 <input type="radio"/> Allocated By Non Relative</p> <p>05 <input type="radio"/> Allocated By Government</p> <p>06 <input type="radio"/> Gift</p> <p>07 <input type="radio"/> Rented In Short-Term (&lt; 3 Years)</p> <p>08 <input type="radio"/> Rented In Long-Term (&gt; 3 Years)</p> <p>09 <input type="radio"/> Borrowed For Free</p> <p>10 <input type="radio"/> Moved In/use Without Permission</p> <p>96 <input type="radio"/> Other (Specify)</p>
<p>I01_3Other: How was the use or ownership rights this %rosteritle% acquired?</p>	<p>TEXT I01_3other</p> <p>.....</p>
<p>I02: Which household member/s name/s are listed as owners/hold use rights for %rosteritle% Parcel</p>	<p>MULTI-SELECT: LINKED I02</p> <p>SOURCE OF CATEGORIES: TEXT LIST QUESTION <a href="#">B02</a></p>
<p>I SELECT HOUSEHOLD MEMBERS FROM LIST DISPLAYED</p> <p>E I01_3!=10</p>	

<p>I03: Location of %rosteritle% Parcel</p> <p>I Type First initial letters of name of County and Select from displayed list</p> <p>E IsAnswered(I02)</p>	<p>SINGLE-SELECT: COMBO BOX I03</p> <p>01 <input type="radio"/> Mombasa</p> <p>02 <input type="radio"/> Kwale</p> <p>03 <input type="radio"/> Kilifi</p> <p>04 <input type="radio"/> Tana River</p> <p>05 <input type="radio"/> Lamu</p> <p>06 <input type="radio"/> Taita-Taveta</p> <p>07 <input type="radio"/> Garissa</p> <p>08 <input type="radio"/> Wajir</p> <p>09 <input type="radio"/> Mandera</p> <p>10 <input type="radio"/> Marsabit</p> <p>11 <input type="radio"/> Isiolo</p> <p>12 <input type="radio"/> Meru</p> <p>13 <input type="radio"/> Tharaka-Nithi</p> <p>14 <input type="radio"/> Embu</p> <p>15 <input type="radio"/> Kitui</p> <p>16 <input type="radio"/> Machakos</p> <p><a href="#">And 32 other symbols [1]</a></p>
<p>I04: Under which land category/classification is %rosteritle% Parcel?</p> <p>E IsAnswered(I03)</p>	<p>SINGLE-SELECT I04</p> <p>01 <input type="radio"/> Community land</p> <p>02 <input type="radio"/> Private</p> <p>03 <input type="radio"/> Public Land</p>
<p>I05: Under which tenure system is %rosteritle% Parcel</p> <p>E IsAnswered(I04)</p>	<p>SINGLE-SELECT I05</p> <p>01 <input type="radio"/> Freehold</p> <p>02 <input type="radio"/> Leasehold</p> <p>03 <input type="radio"/> Customary</p> <p>04 <input type="radio"/> Squatting</p> <p>98 <input type="radio"/> Don't Know</p>
<p>I06: What type of document is there for %rosteritle% Parcel</p> <p>E IsAnswered(I05)</p>	<p>SINGLE-SELECT I06</p> <p>01 <input type="radio"/> Title deed</p> <p>02 <input type="radio"/> Certificate of lease</p> <p>03 <input type="radio"/> Short term lease</p> <p>04 <input type="radio"/> Sectional title</p> <p>05 <input type="radio"/> Transfer</p> <p>06 <input type="radio"/> Power of attorney</p> <p>07 <input type="radio"/> Trust deed</p> <p>08 <input type="radio"/> Settlement Scheme legal documents</p> <p>09 <input type="radio"/> Confirmation of Grant</p> <p>10 <input type="radio"/> Share certificates</p> <p>11 <input type="radio"/> Allotment letters</p> <p>12 <input type="radio"/> Sale Agreement</p> <p>14 <input type="radio"/> None</p> <p>15 <input type="radio"/> Don't Know</p> <p>96 <input type="radio"/> Other (Specify)</p>

<p>I06_1:Other Documents (Specify)</p> <p>E I06==96</p>	<p>TEXT I06_1</p> <p>.....</p>
<p>I07: Currently what is the use of %rosteritle% Parcel</p> <p>I MULTIPLE RESPONSES</p> <p>E IsAnswered(I06)</p>	<p>MULTI-SELECT I07</p> <p>01 <input type="checkbox"/> Agricultural (Crop &amp; Livestock)</p> <p>02 <input type="checkbox"/> Pastoral</p> <p>03 <input type="checkbox"/> Forest</p> <p>04 <input type="checkbox"/> Residential (self)</p> <p>05 <input type="checkbox"/> Residential (Landlord)</p> <p>06 <input type="checkbox"/> Residential (self and Landlord)</p> <p>07 <input type="checkbox"/> Business/ Commercial</p> <p>08 <input type="checkbox"/> To develop later</p> <p>09 <input type="checkbox"/> For Speculation</p> <p>10 <input type="checkbox"/> Rented</p> <p>11 <input type="checkbox"/> Leased</p> <p>96 <input type="checkbox"/> Other (Specify)</p>
<p>I07_1: Other Uses (Specify)</p> <p>E I07.Contains(96)</p>	<p>TEXT I07_1</p> <p>.....</p>
<p>I08: Does the household member listed as owner of %rosteritle% Parcel have the right to sell it or part of it, either alone or with someone else?</p> <p>E IsAnswered(I07)</p>	<p>SINGLE-SELECT I08</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> <p>98 <input type="radio"/> Don't Know</p>
<p>I09: Who can decide whether to sell %rosteritle% Parcel</p> <p>E I08==0</p>	<p>SINGLE-SELECT I09</p> <p>01 <input type="radio"/> Relative</p> <p>02 <input type="radio"/> Government Official</p> <p>03 <input type="radio"/> Customary Leader</p> <p>04 <input type="radio"/> Co-owner(s)</p> <p>96 <input type="radio"/> Other (Specify)</p>
<p>I09_1: Others Specify</p> <p>E I09==96</p>	<p>TEXT I09_1</p> <p>.....</p>
<p>I10: Does the household member listed as owner of %rosteritle% Parcel have the right to bequeath it or part of it, either alone or with someone else?</p> <p>E IsAnswered(I02)</p>	<p>SINGLE-SELECT I10</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> <p>98 <input type="radio"/> Don't Know</p>
<p>I11:Who can decide whether to bequeath %rosteritle% Parcel</p> <p>E I10==0</p>	<p>SINGLE-SELECT I11</p> <p>01 <input type="radio"/> Relative</p> <p>02 <input type="radio"/> Government Official</p> <p>03 <input type="radio"/> Customary Leader</p> <p>04 <input type="radio"/> Co-owner(s)</p> <p>96 <input type="radio"/> Other (Specify)</p>

<p>I11_1: Other (Specify)</p> <p>E I11==96</p>	<p>TEXT I11_1</p> <p>.....</p>
<p>I12: On a scale from 1 to 5, where 1 is not at all likely and 5 is extremely likely, are the owner/s likely to involuntarily lose ownership or use rights to %rosteritle% Parcel in the next 5 years?</p> <p>E IsAnswered(I10)</p>	<p>SINGLE-SELECT I12</p> <p>01 <input type="radio"/> Not at all Likely</p> <p>02 <input type="radio"/> Slightly Likely</p> <p>03 <input type="radio"/> Moderately Likely</p> <p>04 <input type="radio"/> Very Likely</p> <p>05 <input type="radio"/> Extremely Likely</p> <p>98 <input type="radio"/> Don't Know</p>
<p>I13: What is the MAIN reason for the likelihood to involuntarily lose ownership or use rights to this [PARCEL]?</p> <p>E I12.InRange(2,5)</p>	<p>SINGLE-SELECT I13</p> <p>01 <input type="radio"/> Death of spouse</p> <p>02 <input type="radio"/> Intra-family</p> <p>03 <input type="radio"/> Divorce</p> <p>04 <input type="radio"/> Government pronouncement (e.g., compulsory acquisition etc.)</p> <p>05 <input type="radio"/> Corruption in land administration system (e.g., forgery of documents etc.)</p> <p>06 <input type="radio"/> Community/ other conflicts</p> <p>07 <input type="radio"/> Election Violence</p> <p>96 <input type="radio"/> Other (specify)</p>
<p>I13_1: Other (Specify)</p> <p>E I13==96</p>	<p>TEXT I13_1</p> <p>.....</p>

# SECTION J:INDIVIDUAL MODULE

section\_j

E hhid.Any(x=> x.b05\_years>=18)

VARIABLE hhid.Count(\$criteria)	LONG numEligible
VARIABLE (long)Math.Floor(Quest.IRnd()*numEligible.Value)	LONG rnd
VARIABLE hhid.Where(\$criteria).Select(z=>z.@rowcode).ToArray()[rnd.Value]	LONG randomRowcode
VARIABLE b02.Where(x=>x.Item1==randomRowcode).First().Item2	STRING selectedName
VARIABLE hhid[(int)randomRowcode].b05_years	LONG selectedAge

STATIC TEXT

Continue the interview with: %selectedName% who is %selectedAge% years old.

SECTION J:INDIVIDUAL MODULE

%SELECTEDNAME%

selected\_individual

J02:Are you comfortable residing/living here?	SINGLE-SELECT 00 <input type="radio"/> No 01 <input type="radio"/> Yes J02
J03:What is the MAIN factor preventing you from relocating to a better house in a better location? E J02==0	SINGLE-SELECT 01 <input type="radio"/> Owns the house 02 <input type="radio"/> Affordability 03 <input type="radio"/> Proximity to work 04 <input type="radio"/> Proximity to school 05 <input type="radio"/> Proximity to place of worship 06 <input type="radio"/> Proximity to basic services 07 <input type="radio"/> Feel secure 08 <input type="radio"/> Closeness to family/friends 09 <input type="radio"/> Don't want to move/used to the place 10 <input type="radio"/> Dependency 96 <input type="radio"/> Others (Specify) J03
J04_1:Do you feel safe walking in this neighborhood at night/after dark?	SINGLE-SELECT 00 <input type="radio"/> No 01 <input type="radio"/> Yes 02 <input type="radio"/> Yes, Sometimes J04_1
J04_2:Have you or a member of your household been a victim of a crime such as theft, or personal assault within this locality in the last 12 months?	SINGLE-SELECT 00 <input type="radio"/> No 01 <input type="radio"/> Yes J04_2



<p>J05:Are you aware that housing is a right for all citizens under the constitution of Kenya 2010?</p>	<p>SINGLE-SELECT J05</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J06_1:Are you aware of rules and regulations in the building sector?</p> <p>I (E.g. PAYMENT OF REQUISITE FEES, OBTAINING APPROVALS BEFORE BUILDING, DEVELOPMENT CONTROLS, ZONING REGULATIONS, OBTAINING BUILDING PERMITS AND CERTIFICATES OF OCCUPATION)</p>	<p>SINGLE-SELECT J06_1</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J06_2:What do you think are the problems associated with implementation of rules and regulations in the building sector?</p> <p>E J06_1==1</p>	<p>MULTI-SELECT J06_2</p> <p>01 <input type="checkbox"/> High approval charges</p> <p>02 <input type="checkbox"/> Lack of titles/documents</p> <p>03 <input type="checkbox"/> Sanctity of titles</p> <p>04 <input type="checkbox"/> Bureaucracy</p> <p>05 <input type="checkbox"/> High Professional Fees</p> <p>06 <input type="checkbox"/> Lack of Information</p> <p>07 <input type="checkbox"/> Corruption</p> <p>96 <input type="checkbox"/> Others (Specify)</p>
<p>J06_2_Other:What do you think are the problems associated with implementation of rules and regulations in the building sector?</p> <p>E J06_2.Contains(96)</p>	<p>TEXT J06_2_Other</p> <p>.....</p>
<p>J07:Are you aware of the Minimum housing requirement?</p> <p>I (A STRUCTURALLY SOUND HOUSE WITH A MINIMUM FLOOR SPACE OF 7 SQ METERS PER MEMBER OF THE HOUSEHOLD WITH SUFFICIENT VENTILATION AND LIGHTING WITH ACCESS TO BASIC AMENITIES PARTICULARLY WATER AND SANITATION <a href="#">And 5 other symbols [5]</a>)</p>	<p>SINGLE-SELECT J07</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J08: Do you consider the requirement useful?</p> <p>E J07==1</p>	<p>SINGLE-SELECT J08</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J09: In your opinion, should government or public agencies regulate house rents?</p>	<p>SINGLE-SELECT J09</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J10: In your opinion, should government or public agencies regulate housing prices?</p>	<p>SINGLE-SELECT J10</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J11: In your opinion, should government or public agencies regulate interest rates on housing loans and mortgages?</p>	<p>SINGLE-SELECT J11</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J12_1: When did you move into this dwelling unit?</p> <p>V1 self.InRange(1900,2024)    self==1    self.InRange(98,99)</p> <p>M1 Should be a genuine year</p>	<p>NUMERIC: INTEGER J12_1</p> <p>.....</p> <p>SPECIAL VALUES</p> <p>01 Never Moved</p> <p>98 Don't Know</p> <p>99 Don't Remember</p>

<p>J12_2:Why did you move from the previous dwelling unit?</p> <p>E J12_1.InRange(1900,2023)</p>	<p>SINGLE-SELECT J12_2</p> <p>01 <input type="radio"/> Marriage</p> <p>02 <input type="radio"/> Work Related</p> <p>03 <input type="radio"/> Eviction</p> <p>04 <input type="radio"/> Divorce &amp; Separation</p> <p>05 <input type="radio"/> Insecurity</p> <p>06 <input type="radio"/> Expiry of lease</p> <p>07 <input type="radio"/> Inadequate/Lack of basic social amenities</p> <p>08 <input type="radio"/> Inadequate Space</p> <p>09 <input type="radio"/> Retirement</p> <p>10 <input type="radio"/> Independence from family</p> <p>11 <input type="radio"/> High rent</p> <p>12 <input type="radio"/> Change of Economic Status</p> <p>13 <input type="radio"/> Finished School</p> <p>96 <input type="radio"/> Others Specify</p> <p>14 <input type="radio"/> Family moved</p>
<p>J12_2Other:Why did you move from the previous dwelling unit?Other Specify</p> <p>E (J12_2==96)</p>	<p>TEXT J12_2other</p> <p>.....</p>
<p>J13. Are you aware of the Affordable Housing Scheme/Programme?</p>	<p>SINGLE-SELECT J13</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J14.Are you aware of the exemption on stamp duty for first time home buyers under the Affordable Housing Scheme?</p> <p>E J13==1</p>	<p>SINGLE-SELECT J14</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p>
<p>J15. Have you benefited from the exemption on stamp duty for first time home buyers?</p> <p>E J14==1</p>	<p>SINGLE-SELECT J15</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>J16. Why Have you not benefitted from the exemption on stamp duty for first time home buyers?</p> <p>E J15 == 0</p>	<p>MULTI-SELECT J16</p> <p>01 <input type="checkbox"/> Not been a first time home buyer</p> <p>02 <input type="checkbox"/> Tedious/Bureaucratic process</p> <p>03 <input type="checkbox"/> Procedure not in place</p> <p>04 <input type="checkbox"/> Not aware of the process</p> <p>05 <input type="checkbox"/> Has no impact on own project</p> <p>06 <input type="checkbox"/> Never Applied</p> <p>96 <input type="checkbox"/> Others Specify</p>
<p>J16_1:Other Specify...</p> <p>E J16.Contains(96)</p>	<p>TEXT J16_1</p> <p>.....</p>

<p>J17. Are you aware of the affordable housing relief which is 15% of your gross contribution to an Affordable Housing Scheme up to a maximum of 9000 KSh per month?</p> <p>E J13==1</p>	<p>SINGLE-SELECT J17</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>J18. Have you benefitted from the affordable housing relief?</p> <p>E J17==1</p>	<p>SINGLE-SELECT J18</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>J19. Why Have you not benefitted from the affordable housing relief?</p> <p>E J18==0</p>	<p>MULTI-SELECT J19</p> <p>01 <input type="checkbox"/> Tedious/Bureaucratic process</p> <p>02 <input type="checkbox"/> Not Eligible</p> <p>03 <input type="checkbox"/> Procedure not in place</p> <p>04 <input type="checkbox"/> Not aware of the process</p> <p>05 <input type="checkbox"/> Has no impact on own project</p> <p>06 <input type="checkbox"/> Never applied</p> <p>96 <input type="checkbox"/> Others Specify</p>
<p>J19_1. Other specify...</p> <p>E J19.Contains(96)</p>	<p>TEXT J19_1</p> <p>.....</p>
<p>J20. Are you aware of Tax deductability of interest paid on Housing Loans for upto KSh.300,000 per year?</p> <p>E J13==1</p>	<p>SINGLE-SELECT J20</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>J21. Have you benefitted from tax deductability of interest paid Housing loans?</p> <p>E J20==1</p>	<p>SINGLE-SELECT J21</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>J22: Why Have you not benefitted from tax deductability of interest paid on Housing loans?</p> <p>E J21==0</p>	<p>MULTI-SELECT J22</p> <p>01 <input type="checkbox"/> Tedious process</p> <p>02 <input type="checkbox"/> Not Eligible</p> <p>03 <input type="checkbox"/> Procedure not in place</p> <p>04 <input type="checkbox"/> Not aware of the process</p> <p>05 <input type="checkbox"/> Has no impact on own project</p> <p>96 <input type="checkbox"/> Others Specify</p>
<p>J22_1. Other Specify...</p> <p>E J22.Contains(96)</p>	<p>TEXT J22_1</p> <p>.....</p>

# SECTION K: TENANTS

section\_K

E (a11==1 && consent==1) & (dwellingunits.Any(X=>X.d12==2))

K01:To whom is the rent for the dwelling paid?	<div>SINGLE-SELECTK01</div> <div><div>01</div><div><input type="radio"/> National Government</div></div> <div><div>02</div><div><input type="radio"/> County Government</div></div> <div><div>03</div><div><input type="radio"/> Parastatal</div></div> <div><div>04</div><div><input type="radio"/> Private company Directly</div></div> <div><div>05</div><div><input type="radio"/> Private Company through Agents</div></div> <div><div>06</div><div><input type="radio"/> Individual directly</div></div> <div><div>07</div><div><input type="radio"/> Individual through Agent</div></div> <div><div>08</div><div><input type="radio"/> Faith Based Organization</div></div> <div><div>09</div><div><input type="radio"/> FBO Through Agent</div></div> <div><div>10</div><div><input type="radio"/> Not Applicable</div></div>
K02:Do you have a written Agreement/Contract with your landlord?	<div>SINGLE-SELECTK02</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>00</div><div><input type="radio"/> No</div></div>
K03:For how long have you stayed in this dwelling unit?Years <div>I If less than one year Code "00", Number of Years</div> <div>V1 self.InRange(0,100)</div> <div>M1 Please enter a valid period of stay</div>	<div>NUMERIC: INTEGERK03</div> <div><div></div></div>
K04:What was the MAIN reason for choosing to rent a house in this estate/area/neighbourhood?	<div>SINGLE-SELECTK04</div> <div><div>01</div><div><input type="radio"/> Affordable rent</div></div> <div><div>02</div><div><input type="radio"/> Adequate Security</div></div> <div><div>03</div><div><input type="radio"/> Nice houses</div></div> <div><div>04</div><div><input type="radio"/> Proximity to work</div></div> <div><div>05</div><div><input type="radio"/> Proximity to basic amenities</div></div> <div><div>06</div><div><input type="radio"/> Clean environment</div></div> <div><div>07</div><div><input type="radio"/> Proximity to friends</div></div> <div><div>08</div><div><input type="radio"/> Proximity to relatives</div></div> <div><div>09</div><div><input type="radio"/> ethnic considerations</div></div> <div><div>10</div><div><input type="radio"/> Ideal Climate/serenity</div></div> <div><div>11</div><div><input type="radio"/> Change of Status</div></div> <div><div>96</div><div><input type="radio"/> Other Specify</div></div>
K04_1:Other_Specify Why did you choose to rent a house in this estate/area/neighbourhood? (if more than one reasons, rank them in order of priority) <div>E K04==96</div>	<div>TEXTK04_1</div> <div><div></div></div>

<p>K05:How much rent per month does your household pay for this dwelling ?</p> <p>I Record value in KSh. W1 self&gt;=100 M1 Check if rent stated is correct</p>	<p>NUMERIC: INTEGER K05</p> <p>-----</p>
<p>K06_1:Is the rent inclusive of utilities like electricity, water and garbage?</p>	<p>SINGLE-SELECT K06_1</p> <p>01 <input type="radio"/> Yes 00 <input type="radio"/> No</p>
<p>K06_2:How much do the utilities cost per month?</p> <p>I Record Value in KSh W1 self&gt;0 M1 Utilities should be at least greater than zero W2 self&lt;=C14_1 M2 Check why utilities are higher than the household expenditure</p>	<p>NUMERIC: INTEGER K06_2</p> <p>-----</p>
<p>K07:Is your rent subsidized?</p>	<p>SINGLE-SELECT K07</p> <p>01 <input type="radio"/> Yes 00 <input type="radio"/> No</p>
<p>K08_1: Has your rent been increased in the last 5 years for this dwelling unit?</p>	<p>SINGLE-SELECT K08_1</p> <p>01 <input type="radio"/> Yes 00 <input type="radio"/> No</p>
<p>K08_2:If yes, how many times has it increased ?</p> <p>E K08_1==1</p>	<p>NUMERIC: INTEGER K08_2</p> <p>-----</p>
<p>K08_3:By how much has the rent increased in the last 5 years for this dwelling unit?</p> <p>I Record Value in KSh E K08_1==1</p>	<p>NUMERIC: INTEGER K08_3</p> <p>-----</p>
<p>K09:Have you sublet an extension or any part of your dwelling unit?</p>	<p>SINGLE-SELECT K09</p> <p>01 <input type="radio"/> Yes 02 <input type="radio"/> No</p>
<p>K10:How much rent do you charge for the sublet extension or any part of your dwelling unit?</p> <p>E K09==1</p>	<p>NUMERIC: INTEGER K10</p> <p>-----</p>
<p>K11:Who is responsible for the minor repairs and maintenance of the main dwelling?</p>	<p>SINGLE-SELECT K11</p> <p>01 <input type="radio"/> Tenant 02 <input type="radio"/> Landlord/Owner 03 <input type="radio"/> Agent 96 <input type="radio"/> Other(Specify)</p>
<p>K11:Who is responsible for the minor repairs and maintenance of the main dwelling?Other Specify</p> <p>E K11==96</p>	<p>TEXT K11_1</p> <p>-----</p>

K12:Who is responsible for the major repairs and maintenance of the main dwelling?	<div>SINGLE-SELECT <span>K12</span></div> <div> 01 <input type="radio"/> Tenant  02 <input type="radio"/> Landlord/Owner  03 <input type="radio"/> Agent  96 <input type="radio"/> Other(Specify) </div>
K12:Who is responsible for the major repairs and maintenance of the main dwelling?Other Specify	<div>TEXT <span>K12_1</span></div> <div>.....</div>
E K12==96	
K13:Have you undertaken any repairs and maintenance of the main dwelling in the last 12 months?	<div>SINGLE-SELECT <span>K13</span></div> <div> 01 <input type="radio"/> Yes  00 <input type="radio"/> No </div>
K14:If Yes,what was the cost of the repairs and maintenance of the main dwelling in the last 12 months?	<div>NUMERIC: INTEGER <span>K14</span></div> <div>-----</div>
E K13==1	
K15:Would you like/prefer to rent another residential dwelling?	<div>SINGLE-SELECT <span>K15</span></div> <div> 01 <input type="radio"/> Yes  00 <input type="radio"/> No </div>
K16:What is your preferred type of rental dwelling	<div>SINGLE-SELECT <span>K16</span></div> <div> 01 <input type="radio"/> BUNGALOW  02 <input type="radio"/> FLAT / APARTMENT  03 <input type="radio"/> MAISONNETTE  04 <input type="radio"/> SWAHILI/COMPOUND HOUSES SHARING FACILITIES  05 <input type="radio"/> COMPOUND HOUSES NOT SHARING FACILITIES  06 <input type="radio"/> SHANTY  07 <input type="radio"/> MANYATTA/TRADITIONAL HOUSE/HUT  08 <input type="radio"/> TOWNHOUSE  96 <input type="radio"/> OTHER (SPECIFY) </div>
E K15==1	
K16_1:What is your preferred type of rental dwelling Other Specify	<div>TEXT <span>K16_1</span></div> <div>.....</div>
E K16==96	
K17:How many bedroom(s) would you prefer?	<div>SINGLE-SELECT <span>K17</span></div> <div> 01 <input type="radio"/> 1 bedroom  02 <input type="radio"/> 2 bedroom  03 <input type="radio"/> 3 bedroom  04 <input type="radio"/> Over 3 bedroom  05 <input type="radio"/> Studio  06 <input type="radio"/> 1 room  07 <input type="radio"/> 2 rooms  08 <input type="radio"/> 3 rooms  09 <input type="radio"/> Over 3 rooms </div>
E K15==1	

<p>K18:How much will you be willing and able to pay for that dwelling unit?</p> <p>I Record in KSh E K15==1</p>	<p>NUMERIC: INTEGER K18</p> <p>-----</p>
<p>K19:Which location would you prefer?county</p> <p>E K15==1</p>	<p>SINGLE-SELECT: COMBO BOX K19</p> <p>01 <input type="radio"/> Mombasa</p> <p>02 <input type="radio"/> Kwale</p> <p>03 <input type="radio"/> Kilifi</p> <p>04 <input type="radio"/> Tana River</p> <p>05 <input type="radio"/> Lamu</p> <p>06 <input type="radio"/> Taita-Taveta</p> <p>07 <input type="radio"/> Garissa</p> <p>08 <input type="radio"/> Wajir</p> <p>09 <input type="radio"/> Mandera</p> <p>10 <input type="radio"/> Marsabit</p> <p>11 <input type="radio"/> Isiolo</p> <p>12 <input type="radio"/> Meru</p> <p>13 <input type="radio"/> Tharaka-Nithi</p> <p>14 <input type="radio"/> Embu</p> <p>15 <input type="radio"/> Kitui</p> <p>16 <input type="radio"/> Machakos</p> <p><a href="#">And 31 other symbols [28]</a></p>
<p>K19_1:Which location would you prefer?urban/rural</p> <p>E K15==1</p>	<p>SINGLE-SELECT K19_1</p> <p>01 <input type="radio"/> Urban</p> <p>02 <input type="radio"/> Rural area</p>
<p>K20:Given the opportunity, would you purchase the dwelling unit you are currently living in?</p>	<p>SINGLE-SELECT K20</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>K21:Would you like to build/buy a residential house?</p> <p>I For those who already own a residential dwelling, Would you like to build/buy another residential house</p>	<p>SINGLE-SELECT K21</p> <p>01 <input type="radio"/> Yes, Build</p> <p>02 <input type="radio"/> Yes, Buy</p> <p>03 <input type="radio"/> No</p>
<p>K22:What is your preferred type of dwelling unit?</p> <p>E K21==1    K21==2</p>	<p>SINGLE-SELECT K22</p> <p>01 <input type="radio"/> BUNGALOW</p> <p>02 <input type="radio"/> FLAT / APARTMENT</p> <p>03 <input type="radio"/> MAISONNETTE</p> <p>04 <input type="radio"/> SWAHILI/COMPOUND HOUSES SHARING FACILITIES</p> <p>05 <input type="radio"/> COMPOUND HOUSES NOT SHARING FACILITIES</p> <p>06 <input type="radio"/> SHANTY</p> <p>07 <input type="radio"/> MANYATTA/TRADITIONAL HOUSE/HUT</p> <p>08 <input type="radio"/> TOWNHOUSE</p> <p>96 <input type="radio"/> OTHER (SPECIFY)</p>

<p>K22_1:What is your preferred type of dwelling unit?Other specify</p> <p>E K22==96</p>	<p>TEXT <span style="float: right;">K22_1</span></p> <p>.....</p>
<p>K23:How many bedrooms would you prefer?</p> <p>E IsAnswered(K22)</p>	<p>NUMERIC: INTEGER <span style="float: right;">K23</span></p> <p>-----</p>
<p>K24:Which location would you prefer?</p> <p>E IsAnswered(K23)</p>	<p>SINGLE-SELECT: COMBO BOX <span style="float: right;">K24</span></p> <p>01      <input type="radio"/> Mombasa</p> <p>02      <input type="radio"/> Kwale</p> <p>03      <input type="radio"/> Kilifi</p> <p>04      <input type="radio"/> Tana River</p> <p>05      <input type="radio"/> Lamu</p> <p>06      <input type="radio"/> Taita-Taveta</p> <p>07      <input type="radio"/> Garissa</p> <p>08      <input type="radio"/> Wajir</p> <p>09      <input type="radio"/> Mandera</p> <p>10      <input type="radio"/> Marsabit</p> <p>11      <input type="radio"/> Isiolo</p> <p>12      <input type="radio"/> Meru</p> <p>13      <input type="radio"/> Tharaka-Nithi</p> <p>14      <input type="radio"/> Embu</p> <p>15      <input type="radio"/> Kitui</p> <p>16      <input type="radio"/> Machakos</p> <p><a href="#">And 31 other symbols [29]</a></p>
<p>K24:Which location would you prefer?</p> <p>E IsAnswered(K27)</p>	<p>SINGLE-SELECT <span style="float: right;">K24_1</span></p> <p>01      <input type="radio"/> Rural</p> <p>02      <input type="radio"/> Urban</p> <p>03      <input type="radio"/> City</p>
<p>K25:If you were to buy or construct a house now, how much would you be willing and able to spend? Amount in KSh</p> <p>E IsAnswered(K24)</p>	<p>NUMERIC: INTEGER <span style="float: right;">K25</span></p> <p>-----</p>
<p>K26:What plans have you undertaken towards building or buying your own house?</p> <p>E IsAnswered(K25)</p>	<p>MULTI-SELECT: YES/NO <span style="float: right;">K26</span></p> <p>01      <input type="checkbox"/>/ <input type="checkbox"/> Saving to buy land/plot</p> <p>02      <input type="checkbox"/>/ <input type="checkbox"/> Saving to buy a house</p> <p>03      <input type="checkbox"/>/ <input type="checkbox"/> Saving to construct</p> <p>04      <input type="checkbox"/>/ <input type="checkbox"/> Taking a loan to buy house</p> <p>05      <input type="checkbox"/>/ <input type="checkbox"/> Taking a loan to construct</p> <p>06      <input type="checkbox"/>/ <input type="checkbox"/> Purchsed land/plot</p> <p>07      <input type="checkbox"/>/ <input type="checkbox"/> Construction in Progress</p> <p>08      <input type="checkbox"/>/ <input type="checkbox"/> No plan</p> <p>96      <input type="checkbox"/>/ <input type="checkbox"/> Other (Specify)</p>
<p>K26_Other:What plans have you undertaken towards building or buying your own house?</p> <p>E K26.Yes.Contains(96)</p>	<p>TEXT <span style="float: right;">K26_other</span></p> <p>.....</p>



<p>K27:How much loan are you able to access now ?</p> <p>I Record Amount in KSh E K26.Yes.Contains(4)    K26.Yes.Contains(5)</p>	<p>NUMERIC: INTEGER K27</p> <p>-----</p>
<p>K28:What proportion (in per cent) in relation to the cost of house you want to build/construct have you managed to save?</p> <p>E K26.Yes.Contains(1)    K26.Yes.Contains(2)    K26.Yes.Contains(3)</p>	<p>NUMERIC: INTEGER K28</p> <p>-----</p>
<p>K29:Have you ever had a rent dispute with a landlord/Agent?</p>	<p>SINGLE-SELECT K29</p> <p>01 <input type="radio"/> Yes 00 <input type="radio"/> No</p>
<p>K30:Who arbitrated the dispute?</p> <p>E K29==1</p>	<p>SINGLE-SELECT K30</p> <p>01 <input type="radio"/> Chiefs/Assistant Chief(NGA OS) 02 <input type="radio"/> Elders 03 <input type="radio"/> Court of Law 04 <input type="radio"/> Police station 05 <input type="radio"/> Religious leaders 06 <input type="radio"/> Rent Restriction Tribunal 07 <input type="radio"/> Local gang 08 <input type="radio"/> Youth 09 <input type="radio"/> Self and Landlord /Agent 10 <input type="radio"/> No one 11 <input type="radio"/> Neighbors 96 <input type="radio"/> Other (Specify)</p>
<p>K30_1:Who arbitrated the dispute?Other(Specify)</p> <p>E K30==96</p>	<p>TEXT K30_1</p> <p>-----</p>
<p>K31:Are you aware of the dispute resolution mechanism called the rent restriction tribunal?</p> <p>I For those who used other means apart from the rent tribunal). E (K30==1   K30==2   K30==3   K30==4   K30==5   K30==7   K30==8   K30==9   K30==10   K30==96)</p>	<p>SINGLE-SELECT K31</p> <p>01 <input type="radio"/> Yes 00 <input type="radio"/> No</p>
<p>K32:If you are aware of the rent restriction tribunal, why did you not utilise it?</p> <p>E (K31==1 &amp; K29==1)</p>	<p>SINGLE-SELECT K32</p> <p>01 <input type="radio"/> Never had the need 02 <input type="radio"/> Bureaucracy 03 <input type="radio"/> Expensive 04 <input type="radio"/> Used Other Alternatives eg Arbitration 05 <input type="radio"/> Corruption 06 <input type="radio"/> Takes too long 07 <input type="radio"/> Ineffective 96 <input type="radio"/> Other (Specify)</p>
<p>K32_1:If you are aware of the rent tribunal, why did you not utilise it?Other Specify</p> <p>E K32==96</p>	<p>TEXT K32_1</p> <p>-----</p>

<p>K33: Which is your most preferred choice for solving rent disputes ?</p> <p>I Select all that apply</p>	<p>SINGLE-SELECT <span style="float: right;">K33</span></p> <p>01 <input type="radio"/> Chiefs/Ass Chiefs(NGAOS)</p> <p>02 <input type="radio"/> Elders</p> <p>03 <input type="radio"/> Court of Law</p> <p>04 <input type="radio"/> Police Station</p> <p>05 <input type="radio"/> Religious leaders</p> <p>06 <input type="radio"/> Rent Restriction Tribunal</p> <p>07 <input type="radio"/> Local Gang</p> <p>08 <input type="radio"/> Youth</p> <p>96 <input type="radio"/> Others(Specify)</p>
<p>K33_Other: Which is your most preferred choice for solving rent disputes ?Other Specify</p> <p>E K33==96</p>	<p>TEXT <span style="float: right;">K33_other</span></p> <p>.....</p>
<p>K34:Have there been any house demolitions in your neighbourhood in the last 5 years?</p>	<p>SINGLE-SELECT <span style="float: right;">K34</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>K35:Are there threats of your household being evicted from this dwelling unit?</p>	<p>SINGLE-SELECT <span style="float: right;">K35</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>K36:If yes what is the reason for eviction threat ?</p> <p>E K35==1</p>	<p>SINGLE-SELECT <span style="float: right;">K36</span></p> <p>01 <input type="radio"/> Owner does not have legal documents</p> <p>02 <input type="radio"/> Post election violence</p> <p>03 <input type="radio"/> Land Ownership disputes</p> <p>04 <input type="radio"/> Evictions in the surrounding s</p> <p>05 <input type="radio"/> Rental disputes</p> <p>06 <input type="radio"/> No formal Agreement with Landlord</p> <p>96 <input type="radio"/> Others(Specify)</p>
<p>:K36_1:If yes what is the reason for eviction threat?Other Specify</p> <p>E K36==96</p>	<p>TEXT <span style="float: right;">K36_1</span></p> <p>.....</p>
<p>K37:Do you or any other member of your household own any residential house(s) elsewhere in Kenya?</p>	<p>SINGLE-SELECT <span style="float: right;">K37</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>K38:If yes, how many?</p> <p>E K37==1</p>	<p>NUMERIC: INTEGER <span style="float: right;">K38</span></p> <p>-----</p>

<div>K39:What is the MAIN reason for renting instead of staying in your own dwelling?</div> <div>E K37==1</div>	<div><div>SINGLE-SELECT</div><div>K39</div><div><div>01</div><div><input type="radio"/> Too far from work</div></div><div><div>02</div><div><input type="radio"/> Too far from school/social amenities</div></div><div><div>03</div><div><input type="radio"/> Require rental income</div></div><div><div>04</div><div><input type="radio"/> Avoiding to stay with tenants</div></div><div><div>05</div><div><input type="radio"/> Insecurity</div></div><div><div>06</div><div><input type="radio"/> Change of status</div></div><div><div>07</div><div><input type="radio"/> Dwelling in Urban area</div></div><div><div>08</div><div><input type="radio"/> Inadequate space</div></div><div><div>09</div><div><input type="radio"/> Dwelling in Rural area</div></div><div><div>10</div><div><input type="radio"/> House too big</div></div><div><div>96</div><div><input type="radio"/> Other(specify)</div></div></div>
---	--

## SECTION L: OWNER OCCUPIED MODULE

section\_L

E (a11==1 && consent==1) & (dwellingunits.Any(X=>X.d12==1))

L01_1. How did the household acquire this dwelling unit?	<p>SINGLE-SELECT <span style="float: right;">L01_1</span></p> <p>01 <input type="radio"/> Purchased</p> <p>02 <input type="radio"/> Constructed One-Off</p> <p>03 <input type="radio"/> Constructed Incremental</p> <p>04 <input type="radio"/> Inherited</p> <p>05 <input type="radio"/> Gift</p> <p>06 <input type="radio"/> Bartered</p> <p>96 <input type="radio"/> Other (Specify)</p>
L01_1A. If Other, (Specify)	<p>TEXT <span style="float: right;">L01_1A</span></p> <p>.....</p>
L01_2. What was the Main type of financing for purchasing/constructing this dwelling unit?	<p>SINGLE-SELECT <span style="float: right;">L01_2</span></p> <p>01 <input type="radio"/> Cash / Savings</p> <p>02 <input type="radio"/> Loan</p> <p>03 <input type="radio"/> Mortgage</p> <p>04 <input type="radio"/> Tenant Purchased Scheme/ Rent to own</p> <p>96 <input type="radio"/> Other (Specify)</p>
L01_2A. If other, (specify)	<p>TEXT <span style="float: right;">L01_2A</span></p> <p>.....</p>
L02. What was the source of financing?	<p>MULTI-SELECT <span style="float: right;">L02</span></p> <p>01 <input type="checkbox"/> Co-operative/SACCOs</p> <p>02 <input type="checkbox"/> Bank</p> <p>03 <input type="checkbox"/> Housing Finance Institution</p> <p>04 <input type="checkbox"/> Micro Finance Institution</p> <p>05 <input type="checkbox"/> Employer Scheme</p> <p>06 <input type="checkbox"/> Self help Group/Chama</p> <p>07 <input type="checkbox"/> Family/Friends within the country</p> <p>08 <input type="checkbox"/> Family/Friends outside the country</p> <p>96 <input type="checkbox"/> Other(specify)</p>

SECTION L: OWNER OCCUPIED MODULE

Roster: NUMBER\_SOURCE - %ROSTERTITLE%

generated by multi-select question [L02](#)

L01\_3R

L01_3:How many loans did you take for purchasing/constructing this dwelling unit from %rosteritle%?	<p>NUMERIC: INTEGER <span style="float: right;">L01_3</span></p> <p>-----</p>
---	---

E L01\_2 . InRange(2, 5)

SECTION L: OWNER OCCUPIED MODULE / NUMBER\_SOURCE - %ROSTERTITLE%

L03.(a) What was the Principal for Loan/mortgage %rostertitle%?	NUMERIC: INTEGER pr -----
L03.(b) What was the Interest Rate(%) per annum?	NUMERIC: INTEGER int_rate -----
L03.(c) What was the repayment duration in completed years?	NUMERIC: INTEGER L03_c -----
L03.(d) What was the repayment duration in completed months?	NUMERIC: INTEGER L03_d -----
L04. In which year was the loan/mortgage granted/issued?  E L01_2.InRange(2,5) V1 /*Example of using the InRange function to ensure the number keyed is within a certain range This validation checks the year of grant to the loan/morgage*/ self.InRange(1900,2024) M1 PLEASE ENTER A VALID YEAR!	NUMERIC: INTEGER L04 -----
L05. Is the household still servicing the loan/mortgage?  E L01_2.InRange(2,5)	SINGLE-SELECT L05 01 <input type="radio"/> Yes 00 <input type="radio"/> No
L06. How much per month is the household spending to service the loan(s)/mortgage on this dwelling? (KSh.)  E L05==1	NUMERIC: INTEGER L06 -----
L07. Which year did the construction of the main dwelling start?  E L01_1==2 V1 /*Example of using the InRange function to ensure the number keyed is within a certain range*/ //This validation checks the year the construction begun. self.InRange(1900,2024) M1 CONFIRM THIS IS THE YEAR CONSTRUCTION BEGUN!!!	NUMERIC: INTEGER L07 -----
L08. Which year was the main dwelling completed?  E IsAnswered(L07) V1 (self.InRange(1900,2024)    self==1    self==98) M1 Check if year stated is correct	NUMERIC: INTEGER L08 -----  SPECIAL VALUES 01 NOT COMPLETED 98 DON'T KNOW
L09. If not completely constructed, what percentage of work is done?  E L08==1	NUMERIC: INTEGER L09 -----

<p>L10. Which year did you make the initial payment towards purchase of the main dwelling unit?</p> <p>E L01_1==1</p> <p>V1 //Use of the InRange function to filter for the year of purchase //This validation checks the year of purchase. self.InRange(1900,2024)</p> <p>M1 IS THIS YEAR CORRECT!!!</p>	<p>NUMERIC: INTEGER L10</p> <p>-----</p>
<p>L11. Did you purchase the main dwelling unit when it was complete?</p> <p>E IsAnswered(L10)</p>	<p>SINGLE-SELECT L11</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>L12. Which year was the main dwelling unit completed?</p> <p>E L11==0</p> <p>V1 (self.InRange(1900,2024)    self==1    self==98)</p> <p>M1 Check if year given is correct!!!</p>	<p>NUMERIC: INTEGER L12</p> <p>-----</p> <p>SPECIAL VALUES</p> <p>01 Not Complete</p> <p>98 Don't Know</p>
<p>L13. How much money did you use to purchase /construct or buy your dwelling unit?</p> <p>E (L01_1==1    L01_1==2)</p>	<p>NUMERIC: INTEGER L13</p> <p>-----</p>
<p>L14. If you were to sell this dwelling unit today, how much would you get? (KSh.)</p> <p>I (If bungalow or massionette, include the cost of land)</p>	<p>NUMERIC: INTEGER L14</p> <p>-----</p>
<p>L15. If you were to rent this dwelling unit, how much would you charge for a month? <b>KSh. per month</b></p>	<p>NUMERIC: INTEGER L15</p> <p>-----</p>
<p>L16. Did you use any of the following built environment professionals when constructing/purchasing this dwelling unit?</p> <p>I Choose all that apply</p> <p>E (L01_1==1    L01_1==2    L01_1==3)</p>	<p>MULTI-SELECT: YES/NO L16</p> <p>01 <input type="checkbox"/> Architect</p> <p>02 <input type="checkbox"/> Structural Engineer</p> <p>03 <input type="checkbox"/> Quantity Surveyor</p> <p>04 <input type="checkbox"/> Land Surveyor</p> <p>05 <input type="checkbox"/> Electrical Engineer</p> <p>06 <input type="checkbox"/> Mechanical Engineer</p> <p>07 <input type="checkbox"/> Civil Engineer</p> <p>08 <input type="checkbox"/> Valuer</p> <p>09 <input type="checkbox"/> Land scape Architect</p> <p>10 <input type="checkbox"/> Interior Designer</p> <p>11 <input type="checkbox"/> Environmental Impact Assessment &amp; Audit Expert</p> <p>12 <input type="checkbox"/> Planner</p> <p>13 <input type="checkbox"/> Estate Agents</p> <p>96 <input type="checkbox"/> Other (Specify)</p>
<p>L16(a). Other, specify.</p> <p>E L16.Yes.Contains(96)</p>	<p>TEXT L16_a</p> <p>-----</p>

SECTION L: OWNER OCCUPIED MODULE

Roster: ENVIRONMENTAL PROFESSIONALS USED - %ROSTERTITLE%

generated by multi-select question L16

L16\_R

E L16.Yes.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,96)

L17. How much did you pay for %rostertitle% the services (KSh)?	NUMERIC: INTEGER prof_cst -----
L16b. Among the following built environment professionals which ones did you not use when constructing/purchasing this dwelling unit?  I Choose all that apply E (L01_1==1    L01_1==2    L01_1==3)	MULTI-SELECT L16b 01 <input type="checkbox"/> Architect 02 <input type="checkbox"/> Structural Engineer 03 <input type="checkbox"/> Quantity Surveyor 04 <input type="checkbox"/> Land Surveyor 05 <input type="checkbox"/> Electrical Engineer 06 <input type="checkbox"/> Mechanical Engineer 07 <input type="checkbox"/> Civil Engineer 08 <input type="checkbox"/> Valuer 09 <input type="checkbox"/> Land scape Architect 10 <input type="checkbox"/> Interior Designer 11 <input type="checkbox"/> Environmental Impact Assessment & Audit Expert 12 <input type="checkbox"/> Planner 13 <input type="checkbox"/> Estate Agents

SECTION L: OWNER OCCUPIED MODULE

Roster: ENVIRONMENTAL PROFESSIONALS NOTUSED - %ROSTERTITLE%  
generated by multi-select question [L16b](#) L16\_R\_1

L18. What was the MAIN reason why you didn't use the %rostertitle% built environment professional?	SINGLE-SELECT L18 01 <input type="radio"/> High cost 02 <input type="radio"/> Unaware 03 <input type="radio"/> Unavailability 04 <input type="radio"/> No need
L19. What MAIN factor influenced your choice to build/purchase the dwelling unit in this area?  E L01_1.InRange(1,2)	SINGLE-SELECT L19 01 <input type="radio"/> Affordable Land 02 <input type="radio"/> Adequate security 03 <input type="radio"/> Nice houses 04 <input type="radio"/> Proximity to work 05 <input type="radio"/> Proximity to basic amenities 06 <input type="radio"/> Clean environment 07 <input type="radio"/> Proximity to friends 08 <input type="radio"/> Proximity to relatives 09 <input type="radio"/> Ethnic considerations 10 <input type="radio"/> Ideal climate/Serenity 11 <input type="radio"/> Change of Status 12 <input type="radio"/> Inherited Land 96 <input type="radio"/> Other(specify)
L19(a). Other specify...  E L19==96	TEXT L19a -----

L20(a) L20 .How much money do you pay annually for? Land rates to County Government in K Sh.	NUMERIC: INTEGER L20_a -----
L20(b) How much do you pay annually in KSh for Ground rent to national government?	NUMERIC: INTEGER L20_b -----
L20(c). How much do you pay annually in Ksh Service Charge	NUMERIC: INTEGER L20_c -----
L21. Have you undertaken any improvements on this dwelling unit since 2019?	SINGLE-SELECT L21 01 <input type="radio"/> YES 00 <input type="radio"/> NO
L22_1. What type of improvements did you do? E L21==1	MULTI-SELECT L22_1 01 <input type="checkbox"/> Roof replacement 02 <input type="checkbox"/> Demolition and alteration of wall 03 <input type="checkbox"/> Extension of a house 04 <input type="checkbox"/> Ceiling alteration 05 <input type="checkbox"/> Floor finishes 06 <input type="checkbox"/> Minor Repairs 96 <input type="checkbox"/> Others (Specify)
L22_1(a). Other specify... E L22_1.Contains(96)	TEXT L22_1a -----

SECTION L: OWNER OCCUPIED MODULE

Roster: TYPES OF IMPROVEMENTS - %ROSTERTITLE%

generated by multi-select question L22\_1

L22\_1R

L22_2. How much did it cost your household to do the improvements?	NUMERIC: INTEGER L22_2 -----
L23. Have you sublet an extension or any part of your dwelling unit?	SINGLE-SELECT L23 01 <input type="radio"/> Yes 00 <input type="radio"/> No
L24. How much rent do you charge for the sublet extension? (KSh per month) E L23 == 1	NUMERIC: INTEGER L24 -----
L25. Have there been any dwelling unit demolitions in your neighbourhood in the last 5 years?	SINGLE-SELECT L25 01 <input type="radio"/> Yes 00 <input type="radio"/> No
L26. Do you fear that your dwelling could be demolished?	SINGLE-SELECT L26 01 <input type="radio"/> Yes 00 <input type="radio"/> No



<div>L27:If YES what are the reasons?</div> <div>E L26==1</div>	<div>MULTI-SELECTL27</div> <div><div>01<input type="checkbox"/> No legal documents</div><div>02<input type="checkbox"/> Political violence</div><div>03<input type="checkbox"/> Land ownership disputes</div><div>04<input type="checkbox"/> Evictions in the Surrounding</div><div>05<input type="checkbox"/> Non Compliance to Regulations</div><div>06<input type="checkbox"/> Condemned Dwelling Unit</div><div>96<input type="checkbox"/> Other(Specify)</div></div>
<div>L27(a). Other Specify</div> <div>E L27.Contains(96)</div>	<div>TEXTL27_a</div> <div>.....</div>
<div>L28:Which year did you last carry out Repairs and Maintenance of your dwelling?</div> <div>V1 (self&lt;=2024    self==-1)</div> <div>M1 Check Year</div> <div>V2 (self.InRange(1900,2024)    self==-1)</div> <div>M2 Give correct Year</div>	<div>NUMERIC: INTEGERL28</div> <div>-----</div> <div>SPECIAL VALUES</div> <div>-01Never Done Maintenance</div>
<div>L32:What was the cost of the Repairs and Maintenance of the main dwelling in the last 12 months?</div> <div>I Record in Ksh</div> <div>E L28!=-1</div>	<div>NUMERIC: INTEGERL32</div> <div>-----</div>
<div>L29. Did you seek development approvals for your dwelling unit from the local government?</div> <div>E L28!=-1</div>	<div>SINGLE-SELECTL29</div> <div><div>01<input type="radio"/> Yes</div><div>00<input type="radio"/> No</div></div>

SECTION L: OWNER OCCUPIED MODULE

OTHER HOUSES OWNED

otherHousesOwned

<div>L30. Do you or any other member of your household own any residential house(s) elsewhere in Kenya?</div>	<div>SINGLE-SELECTL30</div> <div><div>01<input type="radio"/> Yes</div><div>00<input type="radio"/> No</div></div>
<div>L31.How many?</div> <div>E L30==1</div> <div>V1 //This validation checks the Number of other dwelling units owned by the household self.InRange(1,100)</div> <div>M1 IS THIS THE CORRECT NUMBER!?</div>	<div>NUMERIC: INTEGERL31</div> <div>-----</div>

# SECTION M: OWNERS NOT OCCUPYING

section\_M

E ((a11==1 && consent==1) & K37==1 || (a11==1 && consent==1) & L30==1)

M02:DESCRIPTION OF THE DWELLING UNIT(s) OWNED ELSEWHERE	LIST	m02
I MAKE A COMPLETE LIST OF ALL THE DWELLING UNIT(s) OWNED ELSEWHERE BY THIS HOUSEHOLD	.....	

SECTION M: OWNERS NOT OCCUPYING  
Roster: OWNERS NOT OCCUPYING - %ROSTERTITLE%  
generated by list question [m02](#) m02R

M03:Where is this [%rostartitle%] located?	SINGLE-SELECT	m03
	01 <input type="radio"/> Rural	
	02 <input type="radio"/> Urban	
M03_1:Where is this [%rostartitle%] located? County	SINGLE-SELECT: COMBO BOX	m03_1
	01 <input type="radio"/> Mombasa	
	02 <input type="radio"/> Kwale	
	03 <input type="radio"/> Kilifi	
	04 <input type="radio"/> Tana River	
	05 <input type="radio"/> Lamu	
	06 <input type="radio"/> Taita-Taveta	
	07 <input type="radio"/> Garissa	
	08 <input type="radio"/> Wajir	
	09 <input type="radio"/> Mandera	
	10 <input type="radio"/> Marsabit	
	11 <input type="radio"/> Isiolo	
	12 <input type="radio"/> Meru	
	13 <input type="radio"/> Tharaka-Nithi	
	14 <input type="radio"/> Embu	
	15 <input type="radio"/> Kitui	
	16 <input type="radio"/> Machakos	
	<a href="#">And 31 other symbols [30]</a>	
M04:What is the type of this [%rostartitle%]'s?	SINGLE-SELECT	m04
V1 (self==8 && m03==2)    (self.InRange(1,7) && m03==2)    (self.InRange(1,7) && m03==1)    (self==96 && m03==2)    (self==96 && m03==1)	01 <input type="radio"/> BUNGALOW	
M1 Townhouses are only found in urban areas	02 <input type="radio"/> FLAT / APARTMENT	
	03 <input type="radio"/> MAISONNETTE	
	04 <input type="radio"/> SWAHILI/COMPOUND HOUSES SHARING FACILITIES	
	05 <input type="radio"/> COMPOUND HOUSES NOT SHARING FACILITIES	
	06 <input type="radio"/> SHANTY	
	07 <input type="radio"/> MANYATTA/TRADITIONAL HOUSE/HUT	
	08 <input type="radio"/> TOWNHOUSE	
	96 <input type="radio"/> OTHER (SPECIFY)	

<p>M04:What is the type of this [%roster%]'s?Other</p> <p>E m04==96</p>	<p>TEXT <span style="float: right;">m04other</span></p> <p>.....</p>
<p>M05:How many [Dwelling Unit]'s are there for each type of [HOUSE]'s owned?</p> <p>E (m04==2    m04==4)</p>	<p>NUMERIC: INTEGER <span style="float: right;">m05</span></p> <p>-----</p>
<p>M06:How many bedrooms are in this [%roster%]? </p>	<p>SINGLE-SELECT <span style="float: right;">m06</span></p> <p>01      <input type="radio"/> Single Room</p> <p>02      <input type="radio"/> Bed Sitters</p> <p>03      <input type="radio"/> 1 bedroom</p> <p>04      <input type="radio"/> 2 bedroom</p> <p>05      <input type="radio"/> 3 bedroom</p> <p>06      <input type="radio"/> More than 3 bedrooms</p>
<p>M07:How did you acquire this [%roster%]? </p>	<p>SINGLE-SELECT <span style="float: right;">m07</span></p> <p>01      <input type="radio"/> Self-Built</p> <p>02      <input type="radio"/> Bought</p> <p>03      <input type="radio"/> Gifted</p> <p>04      <input type="radio"/> Inherited</p> <p>05      <input type="radio"/> Bartered</p> <p>96      <input type="radio"/> Other (Specify)</p>
<p>M07:How did you acquire this [%roster%]? Other</p> <p>E m07==96</p>	<p>TEXT <span style="float: right;">m07other</span></p> <p>.....</p>
<p>M08:Did you seek development approvals for this [%roster%] from the local government?</p> <p>E m07==1</p>	<p>SINGLE-SELECT <span style="float: right;">m08</span></p> <p>00      <input type="radio"/> No</p> <p>01      <input type="radio"/> Yes</p>
<p>M09:Did you seek the services of registered professionals during the development of this [%roster%]? </p> <p>E m07==1</p>	<p>SINGLE-SELECT <span style="float: right;">m09</span></p> <p>00      <input type="radio"/> No</p> <p>01      <input type="radio"/> Yes</p>
<p>M10:What is the current use of this [%roster%]? </p>	<p>SINGLE-SELECT <span style="float: right;">m10</span></p> <p>01      <input type="radio"/> Rental income</p> <p>02      <input type="radio"/> Second home</p> <p>03      <input type="radio"/> Holiday home</p> <p>04      <input type="radio"/> Not in Use</p> <p>96      <input type="radio"/> Other (Specify)</p>
<p>M10:What is the current use of this [%roster%]?Other</p> <p>E m10==96</p>	<p>TEXT <span style="float: right;">m10other</span></p> <p>.....</p>
<p>M11:What is the value of this [%roster%]? </p>	<p>NUMERIC: INTEGER <span style="float: right;">m11</span></p> <p>-----</p>

M12: Which year did you last carry out maintenance of this [%rosteritle%]?

NUMERIC: INTEGER m12

-----

SPECIAL VALUES

01      **Never**

# SECTION N: CHILD LABOUR

section\_N

E hhid.Any(x=> x.b05\_years.InRange(5,17))

SECTION N: CHILD LABOUR

## PART N2: UNPAID TRAINEE WORK BY CHILDREN AND OWN USE PRODUCTION OF GOODS

childlabour\_Part\_C

E (hhid.Any(x=> x.b05\_years>=5) & hhid.Any(x=> x.b05\_years<=17) )

SECTION N: CHILD LABOUR / PART N2: UNPAID TRAINEE WORK BY CHILDREN AND OWN USE PRODUCTION OF GOODS

### Roster: SEC 2 - %ROSTERTITLE%

generated by list question [b02](#)

nid2

E b05\_years>=5 & b05\_years<=17

<p>NC1:Last week, that is from [DAY] to [DAY], did %roster<sup>1</sup>title% participate in any unpaid apprenticeship, internship or similar training in a work place?</p> <p>I (f.e.g. Unpaid work as trainee or apprentice in a farm, workshop, factory, enterprise, or other production units, Unpaid work as trainee or intern in a shop,bank, hospital or other service providing in <a href="#">And 13 other symbols [6]</a></p>	<div>SINGLE-SELECTnc1</div> <div><div>00</div><div><input type="radio"/> No</div></div> <div><div>01</div><div><input type="radio"/> Yes</div></div>
<p>NC2:How many hours did (%roster<sup>1</sup>title%) Spent last week doing such activities?</p> <p>E nc1==1</p>	<div>NUMERIC: DECIMALnc2</div> <div><div></div></div> <div>SPECIAL VALUES</div> <div><div>97</div><div>DK</div></div>
<p>NC3:Last week did (%roster<sup>1</sup>title%) do any of unpaid activity to produce goods for consumption by own household or family?</p>	<div>SINGLE-SELECTnc3</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>00</div><div><input type="radio"/> No</div></div>
<p>NC3a:How many hours did (%roster<sup>1</sup>title%) spent on such activities last week?</p> <p>E nc3==1</p>	<div>NUMERIC: DECIMALnc3a</div> <div><div></div></div> <div>SPECIAL VALUES</div> <div><div>97</div><div>DK</div></div>
<p>NC3_1:Last week, did (%roster<sup>1</sup>title%) Work in farming, rearing animals, and/or fishing for consumption by your household or family?</p>	<div>SINGLE-SELECTnc3_1</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>00</div><div><input type="radio"/> No</div></div>
<p>NC3_1_2:How many hours did (%roster<sup>1</sup>title%) spend on such activities last week?</p> <p>E nc3_1==1</p>	<div>NUMERIC: DECIMALnc3_1_2</div> <div><div></div></div> <div>SPECIAL VALUES</div> <div><div>97</div><div>DK</div></div>
<p>NC3_2:Last week did (%roster<sup>1</sup>title%) help to gather wild food such as [mushrooms, berries, herbs, etc.] for consumption by your household or family?</p>	<div>SINGLE-SELECTnc3_2</div> <div><div>01</div><div><input type="radio"/> Yes</div></div> <div><div>00</div><div><input type="radio"/> No</div></div>

<p>NC3_2_2:How many hours did (%roster title%) spend on such activities last week?</p> <p>E nc3_2==1</p>	<p>NUMERIC: DECIMAL <span>nc3_2_2</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97      DK</p>
<p>NC3_3:Last week did (%roster title%) go hunting for [bush meat, etc.] for consumption by your household or family?</p>	<p>SINGLE-SELECT <span>nc3_3</span></p> <p>01      <input type="radio"/> Yes</p> <p>00      <input type="radio"/> No</p>
<p>NC3_3_2:How many hours did (%roster title%) spend on such activities last week?</p> <p>E nc3_3==1</p>	<p>NUMERIC: DECIMAL <span>nc3_3_2</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97      DK</p>
<p>NC3_4:Last week did (%roster title%) help to prepare preserved food or drinks for storage such as [flour, dried fish, butter, cheese, etc.] for consumption by your household or family?</p>	<p>SINGLE-SELECT <span>nc3_4</span></p> <p>01      <input type="radio"/> Yes</p> <p>00      <input type="radio"/> No</p>
<p>NC3_4_2:How many hours did (%roster title%) spend on such activities last week?</p> <p>E nc3_4==1</p>	<p>NUMERIC: DECIMAL <span>nc3_4_2</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97      DK</p>
<p>NC3_5:Last week did (%roster title%) do any construction work to build, renovate or extend the family home or help a family member with similar work?</p>	<p>SINGLE-SELECT <span>nc3_5</span></p> <p>01      <input type="radio"/> Yes</p> <p>00      <input type="radio"/> No</p>
<p>NC3_5_2:How many hours did (%roster title%) spend on such activities last week?</p> <p>E nc3_5==1</p>	<p>NUMERIC: DECIMAL <span>nc3_5_2</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97      DK</p>
<p>NC3_6:Last week did (%roster title%) spend any time making goods for use by your household or family such as [mats, baskets, furniture, clothing, etc.]?</p>	<p>SINGLE-SELECT <span>nc3_6</span></p> <p>01      <input type="radio"/> Yes</p> <p>00      <input type="radio"/> No</p>
<p>NC3_6_2:How many hours did (%roster title%) spend on such activities last week?</p> <p>E nc3_6==1</p>	<p>NUMERIC: DECIMAL <span>nc3_6_2</span></p> <p>-----</p> <p>SPECIAL VALUES</p> <p>97      DK</p>
<p>NC3_7:Last week did (%roster title%) fetch water from natural or public sources for use by your household or family?</p>	<p>SINGLE-SELECT <span>nc3_7</span></p> <p>01      <input type="radio"/> Yes</p> <p>00      <input type="radio"/> No</p>

NC3_7_2:How many hours did (%roster%title%) spend on such activities last week?  E nc3_7==1	NUMERIC: DECIMAL nc3_7_2  <div></div>  SPECIAL VALUES 97 DK
NC3_8:Last week did (%roster%title%) collect any firewood [or other natural products] for use as a fuel by your household or family?	SINGLE-SELECT nc3_8 01 <input type="radio"/> Yes 00 <input type="radio"/> No
NC3_8_2:How many hours did (%roster%title%) spend on such activities last week?  E nc3_8==1	NUMERIC: DECIMAL nc3_8_2  <div></div>  SPECIAL VALUES 97 DK
NC4:In total how many hours did (%roster%title%) Spend on such activities last week?  E nc3_1==1   nc3_2==1   nc3_3==1   nc3_4==1   nc3_5==1   nc3_6==1   nc3_7==1   nc3_8==1   nc3a==1	NUMERIC: DECIMAL nc4  <div></div>  SPECIAL VALUES 97 DK

STATIC TEXT

*The total hours spent by (%roster%title%) on such activities last week are %nc4%? Confirm if this is correct.*

#### SECTION N: CHILD LABOUR

#### PART N3. HAZARDOUS WORK BY CHILDREN

harzadous\_work

E (hhid.Any(x=> x.b05\_years>=5) & hhid.Any(x=> x.b05\_years<=17) )

#### SECTION N: CHILD LABOUR / PART N3. HAZARDOUS WORK BY CHILDREN

#### Roster: SEC 3- %ROSTER%TITLE%

generated by list question [b02](#)

nid3

E \$childlabour1

ND.01. Carrying or pushing or pulling heavy loads? e.g. firewood or water, crops, bricks, rubbish/waste, rocks or cement, other heavy items? <a href="#">Show carry loads reference sheet</a>	SINGLE-SELECT nd_01 01 <input type="radio"/> Yes 00 <input type="radio"/> No 97 <input type="radio"/> DON'T KNOW 98 <input type="radio"/> REFUSE
ND.02. Working where (%roster%title%) have to climb high off the floor/ground, from where if (%roster%title%) fell, (%roster%title%) might be injured? e.g. ladders taller than you, high up on trees, scaffolding, construction platforms?	SINGLE-SELECT nd_02 01 <input type="radio"/> Yes 00 <input type="radio"/> No 97 <input type="radio"/> DON'T KNOW 98 <input type="radio"/> REFUSE
ND.03. Using powered tools (electric or gas)? e.g. drills, saws, chain/table saws, electric sander s, jackhammers	SINGLE-SELECT nd_03 01 <input type="radio"/> Yes 00 <input type="radio"/> No 98 <input type="radio"/> DON'T KNOW REFUSE

ND.04. (%rostertitle%)Using sharp tools? e.g. axes, knives, machetes?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_04
ND.05. (%rostertitle%)Using big or heavy machines, or driving vehicles? e.g. machines that are bigger than you such as assembly machines, tractors, forklifts, cranes, trucks, motorcycles	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_05
ND.06. Working with fire, ovens or very hot machines or tools, or unsafe electric wires/cables, where (%rostertitle%) might get burned? e.g. fires ovens, irons, welding tools, hot metal surfaces, burners, electric wires/cables, brick kilns	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_06
ND_07. Working in very a noisy place, so that (%rostertitle%) had to shout to speak? e.g. very loud noisy machines, loud traffic	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_07
ND_08. (%rostertitle%)Working indoors or outdoors where dust, sand, smoke or fumes make it hard to breathe or see clearly?e.g. insufficient ventilation	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_08
ND_09. (%rostertitle%)Working in a place that is very cold, or working outdoors in very rainy or wet weather?e.g. in cold stores/fridges, working in rain/storms	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_09
ND_10: (%rostertitle%)Working long hours in the hot sun without a break?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_10
ND_11. (%rostertitle%)Working below the ground in mining wells or tunnels or other very small spaces? e.g. going down into mines to bring out rocks/stones/coal, cutting rocks/stones/coal below the ground	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_11



ND_12. (%rostertitle%)Working underwater? e.g. diving for shells, untangling nets in seas, lakes, rivers?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_12
ND_13. (%rostertitle%)Working with or around agricultural chemicals? Or helping someone else to do this. e.g. spraying or spreading fertilizers to help crops/plants grow, spraying or spreading pesticides/herbicides to kill bugs or weeds, cleaning pesticide containers e.g., cleaning products, oil or gas, paints, glues, bleach, disinfectants, dyes, solvents, batteries, mercury or other chemicals.	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_13
ND_14. (%rostertitle%)Working with liquids or powders that irritate your skin, burn easily, give off vapours that smell bad or can explode?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_14
ND_15. (%rostertitle%)Working during the night-time or very early in the morning, when it is dark? including going to or from work when it is dark	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_15
ND_16. (%rostertitle%)Working in contact with large domestic animals (e.g., camels, cattle), wild animals (e.g., snakes, insects) or around animal manure (e.g., manure pits, cleaning stalls)?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>02 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_16
ND_17. (%rostertitle%)Doing the same task over and over again at a fast pace for long hours? e.g., weaving, pounding rocks.	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_17
ND_18. Do you (you/%rostertitle%) generally feel safe at work?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_18
ND_19. Have (you/%rostertitle%) ever been punished for mistakes made at work?	<p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p> <p>97 <input type="radio"/> DON'T KNOW</p> <p>98 <input type="radio"/> REFUSE</p>	nd_19

ND_20. Would (you/%roster <sup>title</sup> %) be allowed to leave your workplace if (you/NAME) were very ill, injured, had a serious family problem or wanted to quit?	<div>SINGLE-SELECT</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div> <div>97 <input type="radio"/> DON'T KNOW</div> <div>98 <input type="radio"/> REFUSE</div>	nd_20
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SECTION N: CHILD LABOUR

PART N4: UNPAID HOUSEHOLD SERVICES IN THE OWN HOUSEHOLD (HOUSEHOLD CHORES)

Unpaid\_Household\_Services

E hhid.Any(x=> x.b05\_years>=5) & hhid.Any(x=> x.b05\_years<=17)

SECTION N: CHILD LABOUR / PART N4: UNPAID HOUSEHOLD SERVICES IN THE OWN HOUSEHOLD (HOUSEHOLD CHORES)

Roster: LABOUR SEC 4 - %ROSTER<sup>TITLE</sup>%

generated by list question [b02](#)

N4

E b05\_years>=5 & b05\_years<=17

N4_E1a: Last week, from [DAY] to [last DAY], did %roster <sup>title</sup> % help with or do any shopping for this household?	<div>SINGLE-SELECT</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>	N4_E1a
N4_E1b: How many hours did %roster <sup>title</sup> % spend on such activity last week?	<div>NUMERIC: DECIMAL</div> <div>-----</div>	N4_E1b
E N4_E1a==1		
N4_E2a: Last week, did %roster <sup>title</sup> % carry heavy loads while shopping?	<div>SINGLE-SELECT</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>	N4_E2a
E N4_E1a==1		
N4_E2b: How many hours did %roster <sup>title</sup> % spend on such activity last week?	<div>NUMERIC: DECIMAL</div> <div>-----</div>	N4_E2b
E N4_E2a==1		
N4_E3a: Last week, did %roster <sup>title</sup> % help with or do any repair of household equipment for this household?	<div>SINGLE-SELECT</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>	N4_E3a
N4_E3b: How many hours did %roster <sup>title</sup> % spend on such activity last week?	<div>NUMERIC: DECIMAL</div> <div>-----</div>	N4_E3b
E N4_E3a==1		
N4_E4a: Last week, did %roster <sup>title</sup> % help with or do any cooking for this household?	<div>SINGLE-SELECT</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>	N4_E4a
N4_E4b: How many hours did %roster <sup>title</sup> % spend on such activity last week?	<div>NUMERIC: DECIMAL</div> <div>-----</div>	N4_E4b
E N4_E4a==1		
N4_E5a: Last week, did %roster <sup>title</sup> % help in cooking using a hot stove (with fire, gas or flames)?	<div>SINGLE-SELECT</div> <div>01 <input type="radio"/> Yes</div> <div>00 <input type="radio"/> No</div>	N4_E5a
E N4_E4a==1		

<p>N4_E5b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E5a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E5b</p> <p>-----</p>
<p>N4_E6a: Last week, did %roster% help in cutting or preparing food with sharp knives?</p> <p>E N4_E4a==1</p>	<p>SINGLE-SELECT</p> <p>N4_E6a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E6b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E6a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E6b</p> <p>-----</p>
<p>N4_E7a: Last week, did %roster% help with or do any cleaning of the house/utensils for this household?</p>	<p>SINGLE-SELECT</p> <p>N4_E7a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E7b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E7a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E7b</p> <p>-----</p>
<p>N4_E8a: Last week, did %roster% help with cleaning with soaps or chemicals/bleaches/liquids that irritate or burn your skin, eyes or nose?</p> <p>E N4_E7a==1</p>	<p>SINGLE-SELECT</p> <p>N4_E8a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E8b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E8a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E8b</p> <p>-----</p>
<p>N4_E9a: Last week, did %roster% help with climbing or cleaning hard to reach places from where if you fell, you might get injured?</p> <p>E N4_E7a==1</p>	<p>SINGLE-SELECT</p> <p>N4_E9a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E9b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E9a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E9b</p> <p>-----</p>
<p>N4_E10a: Last week, did %roster% help with sweeping, vacuuming or mopping floors for long periods of time?</p> <p>E N4_E7a==1</p>	<p>SINGLE-SELECT</p> <p>N4_E10a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E10b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E10a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E10b</p> <p>-----</p>
<p>N4_E11a: Last week, did %roster% help with or do any washing of the clothes for this household?</p>	<p>SINGLE-SELECT</p> <p>N4_E11a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E11b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E11a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E11b</p> <p>-----</p>

<p>N4_E12a: Last week, did %roster% help with washing clothes by hand?</p> <p>E N4_E11a==1</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E12a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E12b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E12a==1</p>	<p>NUMERIC: DECIMAL <span style="float: right;">N4_E12b</span></p> <p>-----</p>
<p>N4_E13a: Last week, did %roster% help with ironing clothes?</p> <p>E N4_E11a==1</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E13a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E13b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E13a==1</p>	<p>NUMERIC: DECIMAL <span style="float: right;">N4_E13b</span></p> <p>-----</p>
<p>N4_E14a: Last week, did %roster% help with carrying heavy washing baskets?</p> <p>E N4_E11a==1</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E14a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E14b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E14a==1</p>	<p>NUMERIC: DECIMAL <span style="float: right;">N4_E14b</span></p> <p>-----</p>
<p>N4_E15a: Last week, did %roster% help with or care for children/old/sick for this household ?</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E15a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E15b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E15a==1</p>	<p>NUMERIC: DECIMAL <span style="float: right;">N4_E15b</span></p> <p>-----</p>
<p>N4_E16a: Last week, did %roster% help with carrying or lifting an adult/older person or a heavy child?</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E16a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E16b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E16a==1</p>	<p>NUMERIC: DECIMAL <span style="float: right;">N4_E16b</span></p> <p>-----</p>
<p>N4_E17a: Last week, did %roster% help with bathing, showering or dressing any adults?</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E17a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E17b: How many hours did %roster% spend on such activity last week?</p> <p>E N4_E17a==1</p>	<p>NUMERIC: DECIMAL <span style="float: right;">N4_E17b</span></p> <p>-----</p>
<p>N4_E18a: Last week, did %roster% help with caring for a sick person?</p>	<p>SINGLE-SELECT <span style="float: right;">N4_E18a</span></p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>

<p>N4_E18b: How many hours did %rostartitle% spend on such activity last week?</p> <p>E N4_E18a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E18b</p> <p>-----</p>
<p>N4_E19a: Last week, did %rostartitle% help with or do any other household tasks for this household? (e.g. throwing garbage in the trash bin, etc.)</p>	<p>SINGLE-SELECT</p> <p>N4_E19a</p> <p>01 <input type="radio"/> Yes</p> <p>00 <input type="radio"/> No</p>
<p>N4_E19b: How many hours did %rostartitle% spend on such activity last week?</p> <p>E N4_E19a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E19b</p> <p>-----</p>
<p>N4_E20: In Total, How many hours did %rostartitle% spend on such activities last week?</p> <p>E N4_E1a==1    N4_E3a==1    N4_E4a==1    N4_E7a==1    N4_E11a==1    N4_E15a==1</p>	<p>NUMERIC: DECIMAL</p> <p>N4_E20</p> <p>-----</p>
<p>N4_E21: During the past week when does %rostartitle% usually carry out these activities mentioned above?</p> <p>E b11==1 &amp; (N4_E1a==1 N4_E3a==1 N4_E4a==1 N4_E5a==1 N4_E6a==1 N4_E7a==1 N4_E8a==1 N4_E9a==1 N4_E11a==1 N4_E10a==1 N4_E15a==1 N4_E19a==1)</p>	<p>MULTI-SELECT: ORDERED</p> <p>N4_E21</p> <p>01 <input type="checkbox"/> Weekdays after school</p> <p>02 <input type="checkbox"/> Weekdays before school</p> <p>03 <input type="checkbox"/> Weekends</p> <p>04 <input type="checkbox"/> Weekdays and Weekends</p>

END TIME

Sec\_Endtime

Pick Gps

E (a11.InRange(1,6) || a11==9)

GPS

Gps2

N

W

A

Interview End time

DATE: CURRENT TIME

endtime

## APPENDIX A — VALIDATION CONDITIONS AND MESSAGES

### [1] **b03: B03: What is** `<font color="blue">%rosteritle%</font>`'s relationship to the household head?

Validation Condition:

```
b03>1 || @rowindex==0
```

Validation Message: Error! Household Head Should be listed first in the roster

Validation Condition:

```
/* Check that head has different sex than spouse(s) */

// if head is current person, and does at least one spouse exist?
b03==2 && hhid.Any(x=>x.b03==1) ?

// if so, check that there is no spouse with sex same as that of the head
!( hhid.Any(a=>a.b03==1 && a.b04!=null && a.b04==b04) ) :

// if not, no problem
true
```

Validation Message: Error: The head and his/her spouse typically Cannot have same sex.

Validation Condition:

```
b03==1? /// Is this person the household head?
/// If household head, check that there has
/// not been another household head reported
(hhid.Count(x=>x.b03==1)>=1)
/// If not a household head, then no error
:true
```

Validation Message: Error!There must be only one person in the household designated as head.

Validation Condition:

```
// Has relationship to head been answered for all household members?
hhid.All(x=>x.b03!=null) ?

// If all information has been filled out, check for a head was listed
!(hhid.Count(x=>x.b03==1)==0)

// If all information has not been filled, do not do anything
: true
```

Validation Message: Error! You have not identified the Household Head

### [2] **b05\_years: B05\_1: How old is** `<font color="blue">%rosteritle%</font>?`

Validation Condition:

```
(b05_years<=95) || (b05_years<=120)) || b05_years.InRange(998,999)
```

Validation Message: Warning! Age is beyond the limit expected

Validation Condition:

```
self>=0
```

Validation Message: Age Cannot be less than 0

Validation Condition:

```
//A parent should be atleast 13 years
(b03.InList($parentalcodes) && b05_years>= 13) || (!b03.InList($parentalcodes))
```

Validation Message: Error! A Household head, spouse, father/mother or grandparent should be atleast 13 years

Validation Condition:

```
// if current person is father/mother of head
b03==6 && hhid.Count(x=>x.b03==1 &&
(b05_years-x.b05_years<=13))==0

||

// if current person is head
b03==1 && hhid.Count(x=>x.b03==6 &&
(x.b05_years-b05_years<=13))==0

||

// if current person is neither head nor father of head
(
!b03.InList(1,6)
||
b03==1 && b04==null
||
b03==6 && b04==null
)
```

Validation Message: Error!Age difference between head and his/her parent seems to be too little. Check or confirm

Validation Condition:

```
// if current person is head child
(b03==3 &&
(hhid.Count(x=>x.b03==1 && x.b04==1 &&
```

```

(x.b05_years-b05_years<=13))==0))    &&
((hhid.Count(x=>x.b03==1 && x.b04==2 &&
(x.b05_years-b05_years<=13))==0))

||
// if current person is a male and head
(b03==1 && b04==1 && (hhid.Count(x=>x.b03==3 &&
(b05_years-x.b05_years<=13))==0))

||

// if current person is a woman and head
(b03==1 && b04==2 && (hhid.Count(x=>x.b03==3 &&
(b05_years-x.b05_years<=13))==0))

||
// if current person is neither head nor child
(
    !b03.InList(1,3)
    ||
    b03==1 && b04==null
    ||
    b03==3 && b04==null
)

```

**Validation Message:** Error!Age difference between head and his child is less than 13 years OR Child cannot be older than Head. Please check.

**Validation Condition:**

```

// if current person is grandchild
b03==4 && hhid.Count(x=>x.b03==1 && (x.b05_years-b05_years<=26))==0

||

// if current person is head
b03==1 && hhid.Count(x=>x.b03==4 &&
(b05_years- x.b05_years<=26))==0

||

// if current person is neither head nor grandchild
!b03.InList(1,4)

```

**Validation Message:** Error!Age difference between head and his/her grandchild seems to be too little. Check or confirm.

**Validation Condition:**

```
(b03 == 10 && b05_years > 36) || b03 != 10
```

**Validation Message:** Error!Grandparent should be older than 35. Please check or confirm.

### [3] **b05\_yrofbirth: B05\_3: What is <font color="blue">%rosteritle%</font>'s year of birth ?**

**Validation Condition:**

```
/* Example of using the InRange function to check
the number entered is within a certain range.
```

This validation checks if the year of birth is between 1900 and 2019.

```
*/
self.InRange(1900,2024) || self.InRange(998,999)
```

**Validation Message:** Error!Please enter a valid year of birth

**Validation Condition:**

```
self <= b_date.Value.Year
```

**Validation Message:** Error!Year of birth cannot be greater than current year.

### [4] **b06: B06: What is <font color="blue">%rosteritle%</font>'s marital status?**

**Validation Condition:**

```
// for the head, check whether there is any spouse in the roster
b03==2 && hhid.Any(x=>x.b03==1) ?
```

```
// if so, check whether the head is married--monogamy, polygamy, or living together
b06.InRange(1,3) :
```

```
// otherwise, nothing to check
true
```

**Validation Message:** Error! A spouse cannot be other than married or living together

**Validation Condition:**

```
// for the head, check whether there is any spouse in the roster
b03==1 && hhid.Any(x=>x.b03==2) ?
```

```
// if so, check whether the head is married--monogamy, polygamy, or living together
b06==1 ||b06==2 ||b06==3 :
```

```
// otherwise, nothing to check
true
```

**Validation Message:** Error! A spouse cannot be other than married or living together



[5] [b09\\_4: B09\\_4:In which year did \[%rosteritle%\] move to %A01% or %b09\\_2%/Country?](#)

Validation Condition:

```
/* Example of using the InRange function to check
the number entered is within a certain range.
```

```
This validation checks if the year of birth is
between 1900 and 2024.
```

```
*/
self.InRange(1900,2024) || self.InRange(998,999)
```

Validation Message: Check year

Validation Condition:

```
self>=b05_yrofbirth
```

Validation Message: Year of moving cannot be less than year of birth

Validation Condition:

```
b_date.Value.Year-self==b09_3 || b_date.Value.Year-self==b09_3+1
```

Validation Message: Check how long they have been living here

## APPENDIX B — INSTRUCTIONS

[1] **b02: B02: Tell me the Names of the Usual Household Members**

MAKE A COMPLETE LIST OF ALL INDIVIDUALS WHO USUALLY RESIDE IN THE SAME COMPOUND, ARE ANSWERABLE TO THE SAME HEAD AND SHARE THE SAME COOKING ARRANGEMENT, STARTING WITH THE HEAD OF THE HOUSEHOLD. GIVE AT LEAST TWO NAMES

[2] **b15\_2: B15\_2: In the last 7 days, did [%roster title%] do any kind of business activity, farming or other activity to generate income?**

READ IF NEEDED (Don't count normal housework) (e.g. Producing farm products for sale or exchange; Making or repairing things for sale; Selling things in the street, local market, or in a shop; Shining shoes, guarding cars or similar activities for tips; Any other activity to generate income; etc.)

[3] **b15\_3: B15\_3: In the last 7 days, did [%roster title%] help in a business or farm?**

READ IF NEEDED: (e.g. Help a family member engaged in an activity to generate income for the family; Help to produce farm products for sale or exchange; Help to make or sell things for sale or exchange; Guarding or cleaning the family business; etc.)

[4] **b20a: B20a: What kind of tasks and duties does [%roster title%] usually do in the primary job/business (last 7 days)? For those who did not work during the last 7 days but worked during last 12 months give tasks for the last main job held.**

DESCRIBE THE MAIN TASKS OR DUTIES IN AT LEAST TWO WORDS eg. Cattle farmer –breed, raise and sell cattle; Policeman –patrol the streets; Cook –plan and prepare meals; Primary school teacher –teach children how to read and write

[5] **J07: J07: Are you aware of the Minimum housing requirement?**

(A STRUCTURALLY SOUND HOUSE WITH A MINIMUM FLOOR SPACE OF 7 SQ METERS PER MEMBER OF THE HOUSEHOLD WITH SUFFICIENT VENTILATION AND LIGHTING WITH ACCESS TO BASIC AMENITIES PARTICULARLY WATER AND SANITATION.)

[6] **nc1: NC1: Last week, that is from [DAY] to [DAY], did [%roster title%] participate in any unpaid apprenticeship, internship or similar training in a work place?**

([e.g. Unpaid work as trainee or apprentice in a farm, workshop, factory, enterprise, or other production units, Unpaid work as trainee or intern in a shop, bank, hospital or other service providing institutions...])

## APPENDIX C — CATEGORIES

### [1] County

Categories: 1:Mombasa, 2:Kwale, 3:Kilifi, 4:Tana River, 5:Lamu, 6:Taita-Taveta, 7:Garissa, 8:Wajir, 9:Mandera, 10:Marsabit, 11:Isiolo, 12:Meru, 13:Tharaka-Nithi, 14:Embu, 15:Kitui, 16:Machakos, 17:Makueni, 18:Nyandarua, 19:Nyeri, 20:Kirinyaga, 21:Murang'a, 22:Kiambu, 23:Turkana, 24:West Pokot, 25:Samburu, 26:Trans Nzoia, 27:Uasin Gishu, 28:Elgeyo-Marakwet, 29:Nandi, 30:Baringo, 31:Laikipia, 32:Nakuru, 33:Narok, 34:Kajiado, 35:Kericho, 36:Bomet, 37:Kakamega, 38:Vihiga, 39:Bungoma, 40:Busia, 41:Siaya, 42:Kisumu, 43:Homabay, 44:Migori, 45:Kisii, 46:Nyamira, 47:Nairobi City, 96:Outside Kenya

### [2] Division

Categories: 1:KAMARA, 2:OLENGURUONE, 3:BAHATI, 4:KAMPI YA MOTO, 5:KERINGET, 6:NAIVASHA CENTRAL, 7:LANET, 8:BARUT, 9:MAU NAROK

### [3] subcounty

Categories: 101:Changamwe, 102:Jomvu, 103:Kisauni, 104:Likoni, 105:Mvita, 106:Nyali, 201:Kinango, 202:Lunga Lunga, 203:Matuga, 204:Msambweni, 205:Samburu, 301:Chonyi, 302:Ganze, 303:Kaloleni, 304:Kauma, 305:Kilifi North, 306:Kilifi South, 307:Magarini, 308:Malindi, 309:Rabai, 401:Tana Delta, 402:Tana North, 403:Tana River, 501:Lamu East, 502:Lamu West, 601:Mwatate, 602:Taita, 603:Taveta, 604:Voi, 701:Balambala, 702:Dadaab, 703:Fafi, 704:Garissa, 705:Hulugho, 706:Ijara, 707:Lagdera, 801:Buna, 802:Eldas, 803:Habaswein, 804:Tarbaj, 805:Wajir East, 806:Wajir North, 807:Wajir South, 808:Wajir West, 901:Mandera West, 902:Banisa, 903:Kutulo, 904:Lafey, 905:Mandera Central, 906:Mandera East, 907:Mandera North, 1001:Loiyangalani, 1002:Marsabit Central, 1003:Marsabit North, 1004:Marsabit South, 1005:Moyale, 1006:North Horr, 1007:Sololo, 1101:Garbatulla, 1102:Isiolo, 1103:Merti, 1201:Buuri East, 1202:Buuri West, 1203:Igembe Central, 1204:Igembe North, 1205:Igembe South, 1206:Imenti North, 1207:Imenti South, 1208:Meru Central, 1209:Tigania Central, 1210:Tigania East, 1211:Tigania West, 1301:Igambang'ombe, 1302:Maara, 1303:Meru South, 1304:Tharaka North, 1305:Tharaka South, 1401:Embu East, 1402:Embu North, 1403:Embu West, 1404:Mbeere South, 1405:Mbeere North, 1501:Ikutha, 1502:Katulani, 1503:Kisasi, 1504:Kitui Central, 1505:Kitui West, 1506:Kyuso, 1507:Lower Yatta, 1508:Matinyani, 1509:Migwani, 1510:Mumoni, 1511:Mutitu, 1512:Mutitu North, 1513:Mutomo, 1514:Mwingi Central, 1515:Mwingi East, 1516:Nzambani, 1517:Thagicu, 1518:Tseikuru, 1601:Ati River, 1602:Kalama, 1603:Kangundo, 1604:Kathiani, 1605:Machakos, 1606:Masinga, 1607:Matungulu, 1608:Mwala, 1609:Yatta, 1701:Kathonzweni, 1702:Kibwezi, 1703:Kilungu, 1704:Makindu, 1705:Makueni, 1706:Mbooni East, 1707:Mbooni West, 1708:Mukaa, 1709:Nzaui, 1801:Kinangop, 1802:Nyandarua South, 1803:Mirangine, 1804:Kipipiri, 1805:Nyandarua Central, 1806:Nyandarua West, 1807:Nyandarua North, 1901:Tetu, 1902:Kieni East, 1903:Kieni West, 1904:Mathira East, 1905:Mathira West, 1906:Nyeri South, 1907:Mukurwe-Ini, 1908:Nyeri Central, 2001:Kirinyaga Central, 2002:Kirinyaga East, 2003:Kirinyaga West, 2004:Mwea East, 2005:Mwea West, 2101:Murang'a East, 2102:Kangema, 2103:Mathioya, 2104:Kahuro, 2105:Murang'a South, 2106:Gatanga, 2107:Kigumo, 2108:Kandara, 2201:Gatundu North, 2202:Gatundu South, 2203:Githunguri, 2204:Juja, 2205:Kabete, 2206:Kiambaa, 2207:Kiambu, 2208:Kikuyu, 2209:Lari, 2210:Limuru, 2211:Ruiru, 2212:Thika East, 2213:Thika West, 2301:Kibish, 2302:Loima, 2303:Turkana Central, 2304:Turkana East, 2305:Turkana North, 2306:Turkana South, 2307:Turkana West, 2401:Kipkomo, 2402:Pokot Central, 2403:Pokot North, 2404:Pokot South, 2405:West Pokot, 2501:Samburu Central, 2502:Samburu East, 2503:Samburu North, 2601:Trans Nzoia West, 2602:Trans Nzoia East, 2603:Kwanza, 2604:Endebess, 2605:Kiminini, 2701:Ainabkoi, 2702:Kapseret, 2703:Kesses, 2704:Moiben, 2705:Soy, 2706:Turbo, 2801:Keiyo North, 2802:Keiyo South, 2803:Marakwet East, 2804:Marakwet West, 2901:Chesumei, 2902:Nandi Central, 2903:Nandi East, 2904:Nandi North, 2905:Nandi South, 2906:Tinderet, 3001:Baringo Central, 3002:Baringo North, 3003:East Pokot, 3004:Koibatek, 3005:Marigat, 3006:Mogotio, 3007:Tiati East, 3101:Laikipia Central, 3102:Laikipia East, 3103:Laikipia North, 3104:Laikipia West, 3105:Nyahururu, 3201:Gilgil, 3202:Kuresoi North, 3203:Kuresoi South, 3204:Molo, 3205:Naivasha, 3206:Nakuru East, 3207:Nakuru North, 3208:Nakuru West, 3209:Njoro, 3210:Rongai, 3211:Subukia, 3301:Narok East, 3302:Narok North, 3303:Narok South, 3304:Narok West, 3305:Trans Mara East, 3306:Trans Mara West, 3401:Isinya, 3402:Kajiado Central, 3403:Kajiado North, 3404:Kajiado West, 3405:Loitokitok, 3406:Mashuuru, 3501:Belgut, 3502:Bureti, 3503:Kericho East, 3504:Kipkelion, 3505:Londiani, 3506:Soin Sigowet, 3601:Bomet East, 3602:Chepalungu, 3603:Konoini, 3604:Gotik, 3605:Bomet Central, 3701:Butere, 3702:Kakamega Central, 3703:Kakamega East, 3704:Kakamega North, 3705:Kakamega South, 3706:Khwisero, 3707:Likuyani, 3708:Lugari, 3709:Matete, 3710:Matungu, 3711:Mumias East, 3712:Mumias West, 3713:Navakholo, 3801:Emuhaya, 3802:Vihiga, 3803:Sabatia, 3804:Luanda, 3805:Hamisi, 3901:Bumula, 3902:Bungoma Central, 3903:Bungoma East, 3904:Bungoma North, 3905:Bungoma South, 3906:Cheptais, 3907:Kimilili, 3908:Mt Elgon, 3909:Bungoma West, 3910:Tongaren, 3911:Webuye West, 4001:Bunyala, 4002:Busia, 4003:Butula, 4004:Nambale, 4005:Samia, 4006:Teso North, 4007:Teso South, 4101:Siaya, 4102:Gem, 4103:Ugenya, 4104:Ugunja, 4105:Bondo, 4106:Rarieda, 4201:Kisumu East, 4202:Kisumu Central, 4203:Kisumu West, 4204:Seme, 4205:Muhoroni, 4206:Nyando, 4207:Nyakach, 4301:Homa Bay, 4302:Ndhiwa, 4303:Rachuonyo North, 4304:Rachuonyo East, 4305:Rachuonyo South, 4306:Rangwe, 4307:Suba North, 4308:Suba South, 4401:Awendo, 4402:Kuria East, 4403:Kuria West, 4404:Nyatike, 4405:Rongo, 4406:Suna East, 4407:Suna West, 4408:Uriri, 4501:Etogo, 4502:Gucha, 4503:Gucha South, 4504:Kenyan, 4505:Kisii Central, 4506:Kisii South, 4507:Kitutu Central, 4508:Marani, 4509:Masaba South, 4510:Nyamache, 4511:Sameta, 4601:Borabu, 4602:Manga, 4603:Masaba North, 4604:Nyamira North, 4605:Nyamira South, 4701:Dagoretti, 4702:Embakasi, 4703:Kamukunji, 4704:Kasarani, 4705:Kibra, 4706:Lang'ata, 4707:Makadara, 4708:Mathare, 4709:Njiru, 4710:Starehe, 4711:Westlands

### [4] interviewer: Name of Interviewer

Categories: 1:Paul Musyoki, 2:Peter Ouma, 3:Khamis Salim Mchambi, 4:Corrine Achieng owino, 5:Juma Mwakipenda Salim, 6:Abdullahi Ali Nguvu, 7:Mary Watiri Kambo, 8:Grace Mbeyu James, 9:Aisha Musombi, 10:Juma Jerome, 11:Halima Sadia Mohamed, 12:Abullahi Frahan Abudi, 13:Muyadin Rashid Mohamed, 14:Peninah W. Muriithi, 15:Abutwalib Abdikadir mohamed, 16:Yusra Hassan Omar, 17:Christopher Obuchere, 18:Alpha Mutia, 19:Grace Wakesho, 20:Mohamed Abdi Ali, 21:Zamzam Sirat, 22:Abdiraham Ali Adan, 23:Amin Abdi Noor, 24:Mohamed Hussein Osman, 25:Mohamed Dubani, 26:Abdirzaak Eymoi Alio, 27:Abdirahman Abdi Mohamed, 28:Meimuna Adan Salat, 29:Habiba Oda, 30:Ali Abdi Keila, 31:Abdinassir Mohamed, 32:Millicent lengao, 33:Oru Dade Boru, 34:Safia Edin Kalla, 35:Joy Kendi Mutwiri, 36:Tedmack Mutuma, 37:John Victor Chege, 38:Winnie Nkatha, 39:David Njuguna, 40:Regina Kangai, 41:Andrew Muraya Mureithi, 42:Phyllis Muthoni Kahiga, 43:Titus Mburu, 44:Christopher Mwanjia Kituku, 45:Purity Nyamai, 46:Mark Mutwota, 47:Kelvin Kaloyo, 48:Sara Musau, 49:Lucy Catherine, 50:Joy Mutanu Mutua, 51:Joseph Ngwele, 52:Martin M. Kioko, 53:Stephen Gitau Wanyee, 54:Lilian Wanjeri Njuguna, 55:Philip Sambu Mutu, 56:Grace G Wangui, 57:Victoria Githendu, 58:Florence Muthoni, 59:Michael Njoroge Mutu, 60:Kenedy Maina, 61:Mercy M. Kamau, 62:Kelvin Gakungu, 63:Justus Njuru Mbugua, 64:Ann Kamwende Muchiri, 65:John Njoroge Njenga, 66:Veronica Doris Wairimu, 67:Antony Babu, 68:Necy Lokurichana David, 69:Lomulen Zephaniah Esekoni, 70:William ewoi, 71:Emmaculate Cheptoo Loripo, 72:Amos Kipsang, 73:Cynthia cheron, 74:Letiok Saidimu, 75:Francis Lekupe, 76:Evelyn Nelly Leshimiro, 77:Levi Mwale, 78:Hillary Kimutai Ndiema, 79:Stephen Barasa Masibo, 80:Cynthia Chebet Kiptoo, 81:Kevin Kipyegon Korir, 82:Judy Chemutai, 83:Nicholas Korir Kibet, 84:Sharon Jemwetich, 85:Kevin Kibet koskei, 86:Eunice N. Molinka, 87:Ruth Lenny, 88:Ian Kimutai Kibet, 89:Emmanuel Kiptui, 90:Chepkurui Maswai, 91:Gloria Muthoni Mburu, 92:Christine Mweru Maina, 93:Evaline Warie Chege, 94:George Thige Muchemi, 95:Patrick Kahiga, 96:Charity Chepkoech, 97:Brian Wambugu, 98:Harrison Muchira Ruita, 99:Janet Nalomit, 100:Irene Nairesia, 101:Lemein Edwin Lemara, 102:Winfred Irungu, 103:Vincent Mucheru Nganga, 104:Victoria Chemutai Koech, 105:Terror Kiprotich Benard, 106:Millicent chepkemoi, 107:Bruce Kimutai, 108:Stanely Kipkoech, 109:Sharon Chepkoech Chelule, 110:Arnold Miheso, 111:Bonventure Osundwa, 112:Edith S. Okwara, 113:Michelle Matera, 114:Keith Okoko Osundwa, 115:Giovanni Arnold Lusola, 116:Ducan Simiyu, 117:Daniela Sara Wekesah, 118:Annkate Kahayanga, 119:Akoth Ellen Sveta, 120:Lisa Macharia, 121:Peter Odongo Egessa, 122:Lilian Awino Adongo, 123:Brian Odhiambo, 124:David Okoth, 125:Isaack Ochieng Adino, 126:Lynne Elsie Atieno, 127:Sheblan juma, 128:Millicent Akinyi, 129:Denis Okoth Ngala, 130:Hilary Otieno, 131:Azaria Ben Omburah, 132:Lavenda A. Ondero, 133:Gordon Otieno Buko, 134:Job Mokie, 135:Kelsie Rogito, 136:Jeremiah Mageto, 138:Sheilla Omwega, 139:Denis Kiboma Isole, 140:Nicole Achieng, 141:Beverlyn Imali, 142:Austine Alpha Rakal, 143:Wangai Elijah Kariuki, 144:Rwai Daniel Gacheru, 145:Esther Gachuhi, 146:Christine Anyango, 147:Archibald Macharia, 148:Joshua Kioko, 150:Lynn Kibuthu, 151:Nineteen Njeri, 152:Brian Kamotho, 153:Linda Nyamusi, 154:Marvin Omondi Odhiambo, 155:Brian Omondi Gor, 156:Abigael Okindo, 157:Daniel M. Kinoti, 158:Isaac Owour Odhiambo, 159:Loise Mumo, 160:Vincent Oduor, 161:Olive Jerotich, 162:Vanessa Amolo, 163:Lydia Kaveke, 164:Asya Ahmed Mamo, 165:Miriam Khakasa, 166:Stephen Magero, 167:Raphael Waithaka, 168:Shelmith Wanjiku, 169:Benard Odiba Oyugi, 170:Alphanus Mwendwa Makali, 171:Samson Mageta, 172:Stephen Wambua, 173:George Odhiambo

### [5] supervisor: Name of Supervisor

Categories: 1:Francis Mutiku, 2:Osman Ahmed, 3:Aisha Riziki, 4:Hussein Abdirahman , 5:Anthony Mwangi, 6:Abdiwahab Mohamed, 7:Yussuf Ahmed, 8:Amina Mohamed, 9:Barwaqa Mohamed, 10:Adan Hussein, 11:Ibrae Galgalo Jillo, 12:Nicholas Maingi, 13:Oliver Mukolwe, 14:Dickson Makuba, 15:William Mbusya, 16:Doris Syombua, 17:Cynthia Mulee, 18:Bryan Atema, 19:Peter Ruiru, 20:Rose Kamau, 21:Lillian Wanjiku, 22:Joseph Thoya, 23:Bashir Hussein, 24:John Lopuo, 25:Moses Watatua, 26:Mercy Tallam, 27:Luka Kangogo, 28:Philemon Kiprono, 29:Vincent Kemei, 30:Benson Muroki, 31:Pauline Kamau, 32:Frankline Mwamba, 33:Ronald Kirui, 34:Titus Soloi, 35:Yusuf Shanko, 36:Robert Kioko, 37:Faith Ndanu, 38:Jerry Odenya, 39:Phenius Buluma, 40:Pheris Chepngetich, 41:Eric Wesonga, 42:Phelister Opiyo, 43:Julius Ochanda, 44:Felix Juma, 45:Samuel Maosa, 46:Martin Mogambi, 47:Peter Kamau, 48:Isaac Ottachi, 49:Lucas Sagire, 50:Sammy Kibet, 51:Samuel Wanjohi, 52:Antony Obonyo, 53:Kelvin Aloo, 54:Cynthia Mulama

[6] **b09\_1: B09\_1:What was [%rosteritle%]'s County of birth?**

Categories: 1:Mombasa, 2:Kwale, 3:Kilifi, 4:Tana River, 5:Lamu, 6:Taita-Taveta, 7:Garissa, 8:Wajir, 9:Mandera, 10:Marsabit, 11:Isiolo, 12:Meru, 13:Tharaka-Nithi, 14:Embu, 15:Kitui, 16:Machakos, 17:Makueni, 18:Nyandarua, 19:Nyeri, 20:Kirinyaga, 21:Murang'a, 22:Kiambu, 23:Turkana, 24:West Pokot, 25:Samburu, 26:Trans Nzoia, 27:Uasin Gishu, 28:Elgeyo-Marakwet, 29:Nandi, 30:Baringo, 31:Laikipia, 32:Nakuru, 33:Narok, 34:Kajiado, 35:Kericho, 36:Bomet, 37:Kakamega, 38:Vihiga, 39:Bungoma, 40:Busia, 41:Siaya, 42:Kisumu, 43:Homabay, 44:Migori, 45:Kisii, 46:Nyamira, 47:Nairobi City, 96:Outside Kenya

[7] **b09\_2: B09\_2:What was [%rosteritle%]'s Country of birth?**

Categories: 1:Afghanistan, 2:Aland (Finland), 3:Albania, 4:Algeria, 5:American Samoa (US), 6:Andorra, 7:Angola, 8:Anguilla (BOT), 9:Antigua and Barbuda, 10:Argentina, 11:Armenia, 12:Artsakh, 13:Aruba (Netherlands), 14:Australia, 15:Austria, 16:Azerbaijan, 17:Bahamas, 18:Bahrain, 19:Bangladesh, 20:Barbados, 21:Belarus, 22:Belgium, 23:Belize, 24:Benin, 25:Bermuda (BOT), 26:Bhutan, 27:Bolivia, 28:Bonaire (Netherlands), 29:Bosnia and Herzegovina, 30:Botswana, 31:Brazil, 32:British Virgin Islands (BOT), 33:Brunei, 34:Bulgaria, 35:Burkina Faso, 36:Burundi, 37:Camodia, 38:Cameroon, 39:Canada, 40:Cape Verde, 41:Cayman Islands (BOT), 42:Central African Republic, 43:Chad, 44:Chile, 45:China, 46:Christmas Island (Australia), 47:Cocos (Keeling) Islands (Australia), 48:Colombia, 49:Comoros, 50:Congo, 51:Cook Islands, 52:Costa Rica, 53:Croatia, 54:Cuba, 55:Curacao (Netherlands), 56:Cyprus, 57:Czech Republic, 58:Denmark, 59:Djibouti, 60:Dominica, 61:Dominican Republic, 62:DR Congo, 63:East Timor, 64:Ecuador, 65:Egypt, 66:El Salvador, 67:Equatorial Guinea, 68:Eritrea, 69:Estonia, 70:Eswatini, 71:Ethiopia, 72:Falkland Islands (BOT), 73:Faroe Islands (Denmark), 74:Fiji, 75:Finland, 76:France, 77:French Guiana (France), 78:French Polynesia (France), 79:Gabon, 80:Gambia, 81:Georgia, 82:Germany, 83:Ghana, 84:Gibraltar (BOT), 85:Greece, 86:Greenland (Denmark), 87:Grenada, 88:Guadeloupe (France), 89:Guam (US), 90:Guatemala, 91:Guernsey (Crown Dependency), 92:Guinea, 93:Guinea-Bissau, 94:Guyana, 95:Haiti, 96:Honduras, 97:Hong Kong, 98:Hungary, 99:Iceland, 100:India, 101:Indonesia, 102:Iran, 103:Iraq, 104:Ireland, 105:Isle of Man (Crown Dependency), 106:Israel, 107:Italy, 108:Ivory Coast, 109:Jamaica, 110:Japan, 111:Jersey (Crown Dependency), 112:Jordan, 113:Kazakhstan, 114:Kenya, 115:Kiribati, 116:Kosovo, 117:Kuwait, 118:Kyrgyzstan, 119:Laos, 120:Latvia, 121:Lebanon, 122:Lesotho, 123:Liberia, 124:Libya, 125:Liechtenstein, 126:Lithuania, 127:Luxembourg, 128:Macau, 129:Madagascar, 130:Malawi, 131:Malaysia, 132:Maldives, 133:Mali, 134:Malta, 135:Marshall Islands, 136:Martinique (France), 137:Mauritania, 138:Mauritius, 139:Mayotte (France), 140:Mexico, 141:Micronesia, 142:Moldova, 143:Monaco, 144:Mongolia, 145:Montenegro, 146:Montserrat (BOT), 147:Morocco, 148:Mozambique, 149:Myanmar, 150:Namibia, 151:Nauru, 152:Nepal, 153:Netherlands, 154:New Caledonia (France), 155:New Zealand, 156:Nicaragua, 157:Niger, 158:Nigeria, 159:Niue, 160:Norfolk Island (Australia), 161:North Korea, 162:North Macedonia, 163:Northern Cyprus, 164:Northern Mariana Islands (US), 165:Norway, 166:Oman, 167:Pakistan, 168:Palau, 169:Palestine, 170:Panama, 171:Papua New Guinea, 172:Paraguay, 173:Peru, 174:Philippines, 175:Pitcairn Islands (BOT), 176:Poland, 177:Portugal, 178:Puerto Rico (US), 179:Qatar, 180:Réunion (France), 181:Romania, 182:Russia, 183:Rwanda, 184:Saba (Netherlands), 185:Saint Barthélemy (France), 186:Saint Helena, Ascension and Tristan da Cunha (BOT), 187:Saint Kitts and Nevis, 188:Saint Lucia, 189:Saint Martin (France), 190:Saint Pierre and Miquelon (France), 191:Saint Vincent and the Grenadines, 192:Samoa, 193:San Marino, 194:São Tomé and Príncipe, 195:Saudi Arabia, 196:Senegal, 197:Serbia, 198:Seychelles, 199:Sierra Leone, 200:Singapore, 201:Saint Eustatius (Netherlands), 202:Sint Maarten (Netherlands), 203:Slovakia, 204:Slovenia, 205:Solomon Islands, 206:Somalia, 207:South Africa, 208:South Korea, 209:South Sudan, 210:Spain, 211:Sri Lanka, 212:Sudan, 213:Suriname, 214:Svalbard and Jan Mayen (Norway), 215:Sweden, 216:Switzerland, 217:Syria, 218:Taiwan, 219:Tajikistan, 220:Tanzania, 221:Thailand, 222:Togo, 223:Tokelau (NZ), 224:Tonga, 225:Transnistria, 226:Trinidad and Tobago, 227:Tunisia, 228:Turkey, 229:Turkmenistan, 230:Turks and Caicos Islands (BOT), 231:Tuvatu, 232:U.S. Virgin Islands (US), 233:Uganda, 234:Ukraine, 235:United Arab Emirates, 236:United Kingdom, 237:United States, 238:Uruguay, 239:Uzbekistan, 240:Vanuatu, 241:Vatican City, 242:Venezuela, 243:Vietnam, 244:Wallis and Futuna (France), 245:Western Sahara, 246:Yemen, 247:Zambia, 248:Zimbabwe

[8] **b09\_5: B09\_5:Just before [%rosteritle%] moved here (%A01% County), which County/Country did he/she live in?**

Categories: 1:Mombasa, 2:Kwale, 3:Kilifi, 4:Tana River, 5:Lamu, 6:Taita-Taveta, 7:Garissa, 8:Wajir, 9:Mandera, 10:Marsabit, 11:Isiolo, 12:Meru, 13:Tharaka-Nithi, 14:Embu, 15:Kitui, 16:Machakos, 17:Makueni, 18:Nyandarua, 19:Nyeri, 20:Kirinyaga, 21:Murang'a, 22:Kiambu, 23:Turkana, 24:West Pokot, 25:Samburu, 26:Trans Nzoia, 27:Uasin Gishu, 28:Elgeyo-Marakwet, 29:Nandi, 30:Baringo, 31:Laikipia, 32:Nakuru, 33:Narok, 34:Kajiado, 35:Kericho, 36:Bomet, 37:Kakamega, 38:Vihiga, 39:Bungoma, 40:Busia, 41:Siaya, 42:Kisumu, 43:Homabay, 44:Migori, 45:Kisii, 46:Nyamira, 47:Nairobi City, 48:Afghanistan, 49:Aland (Finland), 50:Albania, 51:Algeria, 52:American Samoa (US), 53:Andorra, 54:Angola, 55:Anguilla (BOT), 56:Antigua and Barbuda, 57:Argentina, 58:Armenia, 59:Artsakh, 60:Aruba (Netherlands), 61:Australia, 62:Austria, 63:Azerbaijan, 64:Bahamas, 65:Bahrain, 66:Bangladesh, 67:Barbados, 68:Belarus, 69:Belgium, 70:Belize, 71:Benin, 72:Bermuda (BOT), 73:Bhutan, 74:Bolivia, 75:Bonaire (Netherlands), 76:Bosnia and Herzegovina, 77:Botswana, 78:Brazil, 79:British Virgin Islands (BOT), 80:Brunei, 81:Bulgaria, 82:Burkina Faso, 83:Burundi, 84:Camodia, 85:Cameroon, 86:Canada, 87:Cape Verde, 88:Cayman Islands (BOT), 89:Central African Republic, 90:Chad, 91:Chile, 92:China, 93:Christmas Island (Australia), 94:Cocos (Keeling) Islands (Australia), 95:Colombia, 96:Comoros, 97:Congo, 98:Cook Islands, 99:Costa Rica, 100:Croatia, 101:Cuba, 102:Curacao (Netherlands), 103:Cyprus, 104:Czech Republic, 105:Denmark, 106:Djibouti, 107:Dominica, 108:Dominican Republic, 109:DR Congo, 110:East Timor, 111:Ecuador, 112:Egypt, 113:El Salvador, 114:Equatorial Guinea, 115:Eritrea, 116:Estonia, 117:Eswatini, 118:Ethiopia, 119:Falkland Islands (BOT), 120:Faroe Islands (Denmark), 121:Fiji, 122:Finland, 123:France, 124:French Guiana (France), 125:French Polynesia (France), 126:Gabon, 127:Gambia, 128:Georgia, 129:Germany, 130:Ghana, 131:Gibraltar (BOT), 132:Greece, 133:Greenland (Denmark), 134:Grenada, 135:Guadeloupe (France), 136:Guam (US), 137:Guatemala, 138:Guernsey (Crown Dependency), 139:Guinea, 140:Guinea-Bissau, 141:Guyana, 142:Haiti, 143:Honduras, 144:Hong Kong, 145:Hungary, 146:Iceland, 147:India, 148:Indonesia, 149:Iran, 150:Iraq, 151:Ireland, 152:Isle of Man (Crown Dependency), 153:Israel, 154:Italy, 155:Ivory Coast, 156:Jamaica, 157:Japan, 158:Jersey (Crown Dependency), 159:Jordan, 160:Kazakhstan, 161:Kenya, 162:Kiribati, 163:Kosovo, 164:Kuwait, 165:Kyrgyzstan, 166:Laos, 167:Latvia, 168:Lebanon, 169:Lesotho, 170:Liberia, 171:Libya, 172:Liechtenstein, 173:Lithuania, 174:Luxembourg, 175:Macau, 176:Madagascar, 177:Malawi, 178:Malaysia, 179:Maldives, 180:Mali, 181:Malta, 182:Marshall Islands, 183:Martinique (France), 184:Mauritania, 185:Mauritius, 186:Mayotte (France), 187:Mexico, 188:Micronesia, 189:Moldova, 190:Monaco, 191:Mongolia, 192:Montenegro, 193:Montserrat (BOT), 194:Morocco, 195:Mozambique, 196:Myanmar, 197:Namibia, 198:Nauru, 199:Nepal, 200:Netherlands, 201:New Caledonia (France), 202:New Zealand, 203:Nicaragua, 204:Niger, 205:Nigeria, 206:Niue, 207:Norfolk Island (Australia), 208:North Korea, 209:North Macedonia, 210:Northern Cyprus, 211:Northern Mariana Islands (US), 212:Norway, 213:Oman, 214:Pakistan, 215:Palau, 216:Palestine, 217:Panama, 218:Papua New Guinea, 219:Paraguay, 220:Peru, 221:Philippines, 222:Pitcairn Islands (BOT), 223:Poland, 224:Portugal, 225:Puerto Rico (US), 226:Qatar, 227:Réunion (France), 228:Romania, 229:Russia, 230:Rwanda, 231:Saba (Netherlands), 232:Saint Barthélemy (France), 233:Saint Helena, Ascension and Tristan da Cunha (BOT), 234:Saint Kitts and Nevis, 235:Saint Lucia, 236:Saint Martin (France), 237:Saint Pierre and Miquelon (France), 238:Saint Vincent and the Grenadines, 239:Samoa, 240:San Marino, 241:São Tomé and Príncipe, 242:Saudi Arabia, 243:Senegal, 244:Serbia, 245:Seychelles, 246:Sierra Leone, 247:Singapore, 248:Sint Eustatius (Netherlands), 249:Sint Maarten (Netherlands), 250:Slovakia, 251:Slovenia, 252:Solomon Islands, 253:Somalia, 254:South Africa, 255:South Korea, 256:South Sudan, 257:Spain, 258:Sri Lanka, 259:Sudan, 260:Suriname, 261:Svalbard and Jan Mayen (Norway), 262:Sweden, 263:Switzerland, 264:Syria, 265:Taiwan, 266:Tajikistan, 267:Tanzania, 268:Thailand, 269:Togo, 270:Tokelau (NZ), 271:Tonga, 272:Transnistria, 273:Trinidad and Tobago, 274:Tunisia, 275:Turkey, 276:Turkmenistan, 277:Turks and Caicos Islands (BOT), 278:Tuvatu, 279:U.S. Virgin Islands (US), 280:Uganda, 281:Ukraine, 282:United Arab Emirates, 283:United Kingdom, 284:United States, 285:Uruguay, 286:Uzbekistan, 287:Vanuatu, 288:Vatican City, 289:Venezuela, 290:Vietnam, 291:Wallis and Futuna (France), 292:Western Sahara, 293:Yemen, 294:Zambia, 295:Zimbabwe

[9] **b12: B12:Which level and grade/year is [%rosteritle%] currently attending?**

Categories: 1:Play Group, 2:PRE-PRIMARY 1, 3:PRE-PRIMARY 2, 4:STANDARD/GRADE 1, 5:STANDARD/GRADE 2, 6:STANDARD/GRADE 3, 7:STANDARD/GRADE 4, 8:STANDARD/GRADE 5, 9:STANDARD/GRADE 6, 10:STANDARD 7, 11:STANDARD 8, 12:JUNIOR SCHOOL-GRADE 7, 13:JUNIOR SCHOOL-GRADE 8, 14:POST PRIMARY VOCATIONAL TRAINING CERTIFICATE YEAR 1, 15:POST PRIMARY VOCATIONAL TRAINING CERTIFICATE YEAR 2, 16:FORM 1, 17:FORM 2, 18:FORM 3, 19:FORM 4, 20:FORM 5, 21:FORM 6, 22:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET CERTIFICATE YEAR 1, 23:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET CERTIFICATE YEAR 2, 24:MIDDLE LEVEL COLLEGE/POST



SECONDARY TVET DIPLOMA YEAR 1, 25:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET DIPLOMA YEAR 2, 26:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET DIPLOMA YEAR 3, 27:UNIVERSITY UNDERGRADUATE DEGREE YEAR 1, 28:UNIVERSITY UNDERGRADUATE DEGREE YEAR 2, 29:UNIVERSITY UNDERGRADUATE DEGREE YEAR 3, 30:UNIVERSITY UNDERGRADUATE DEGREE YEAR 4, 31:UNIVERSITY UNDERGRADUATE DEGREE YEAR 5, 32:UNIVERSITY UNDERGRADUATE DEGREE YEAR 6, 33:UNIVERSITY POST-GRADUATE DIPLOMA YEAR 1, 34:UNIVERSITY POST-GRADUATE DIPLOMA YEAR 2, 35:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 1, 36:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 2, 37:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 3, 38:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 4, 39:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 1, 40:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 2, 41:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 3, 42:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 4, 43:NON-FORMAL EDUCATION (ADULT BASIC EDUCATION), 44:MADRASSA/DUKSI, 96:OTHER (SPECIFY), 97:DON'T KNOW, 98:None, 99:Never Attended

[10] **b13: B13:What is the highest education level and grade that <font color="blue">%rosteritle%</font> has completed ?**

Categories: 1:Play Group, 2:PRE-PRIMARY 1, 3:PRE-PRIMARY 2, 4:STANDARD/GRADE 1, 5:STANDARD/GRADE 2, 6:STANDARD/GRADE 3, 7:STANDARD/GRADE 4, 8:STANDARD/GRADE 5, 9:STANDARD/GRADE 6, 10:STANDARD 7, 11:STANDARD 8, 12:JUNIOR SCHOOL-GRADE 7, 13:JUNIOR SCHOOL-GRADE 8, 14:POST PRIMARY VOCATIONAL TRAINING CERTIFICATE YEAR 1, 15:POST PRIMARY VOCATIONAL TRAINING CERTIFICATE YEAR 2, 16:FORM 1, 17:FORM 2, 18:FORM 3, 19:FORM 4, 20:FORM 5, 21:FORM 6, 22:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET CERTIFICATE YEAR 1, 23:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET CERTIFICATE YEAR 2, 24:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET DIPLOMA YEAR 1, 25:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET DIPLOMA YEAR 2, 26:MIDDLE LEVEL COLLEGE/POST SECONDARY TVET DIPLOMA YEAR 3, 27:UNIVERSITY UNDERGRADUATE DEGREE YEAR 1, 28:UNIVERSITY UNDERGRADUATE DEGREE YEAR 2, 29:UNIVERSITY UNDERGRADUATE DEGREE YEAR 3, 30:UNIVERSITY UNDERGRADUATE DEGREE YEAR 4, 31:UNIVERSITY UNDERGRADUATE DEGREE YEAR 5, 32:UNIVERSITY UNDERGRADUATE DEGREE YEAR 6, 33:UNIVERSITY POST-GRADUATE DIPLOMA YEAR 1, 34:UNIVERSITY POST-GRADUATE DIPLOMA YEAR 2, 35:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 1, 36:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 2, 37:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 3, 38:UNIVERSITY POST-GRADUATE MASTERS DEGREE YEAR 4, 39:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 1, 40:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 2, 41:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 3, 42:UNIVERSITY POST-GRADUATE DOCTORATES DEGREE YEAR 4, 43:NON-FORMAL EDUCATION (ADULT BASIC EDUCATION), 44:MADRASSA/DUKSI, 96:OTHER (SPECIFY), 97:DON'T KNOW, 98:None, 99:Never Attended

[11] **b15\_6b: B15\_6b:What are the main (farming, animal [and/or fishing]) products that (%rosteritle%) (are/is) working on?KESIC SubClass**

Categories: 11000:Mixed cropping of Non-Perennial Crops, 11111:Growing of maize, 11112:Growing of wheat, 11113:Growing of sorghum, 11114:Growing of Millet, 11115:Growing of Barley, 11116:Growing of mixed cereals, 11117:Growing of cereal seeds, 11119:Growing of Other cereals, 11121:Growing of Beans, 11122:Growing of Green grams, 11123:Growing of Cow peas, 11124:Growing of Dolichos, 11125:Growing of Green peas, 11126:Growing of french beans, 11127:Growing of mixed leguminous crops, 11128:Growing of leguminous crop seeds, 11129:Growing of Other leguminous crops, 11131:Growing of groundnuts, 11132:Growing of sunflower seed, 11133:Growing of sesame seed, 11134:Growing of soya beans, 11135:Growing of mixed oil seeds, 11139:Growing of other oil seeds, 11201:Growing of rice, 11202:Growing of rice seeds, 11311:Growing of Cabbages, 11312:Growing of Spinach, 11313:Growing of cauliflower and broccoli, 11314:Growing of basil, 11315:Growing of snowpeas, 11316:Growing of kale, 11317:Growing of indigenous leafy or stem vegetables( eg sucha,managu, etc), 11318:Growing of leafy or stem vegetables seeds, 11319:Growing of other leafy or stem vegetables, 11321:Growing of tomatoes, 11322:Growing of cucumbers and gherkins, 11323:Growing of Watermelon, 11324:Growing of eggplants, 11325:Growing of mixed fruit bearing vegetables, 11326:Growing of fruit bearing vegetables seeds, 11329:Growing of other fruit bearing vegetables, 11330:Growing of mixed leafy or stem and fruit bearing vegetables, 11341:Growing of carrots, 11342:Growing of bulb onions, 11343:Growing of leeks, 11344:Growing of garlic, 11345:Growing of root, bulb or tuberous vegetables seeds, 11349:Growing of other root, bulb or tuberous vegetables, 11350:Growing of mushrooms and truffles, 11361:Growing of potatoes, 11362:Growing of cassava, 11363:Growing of sweet potatoes, 11364:Growing of mixed roots and tubers, 11369:Growing of other roots and tubers, 11370:Growing of mixed vegetables, 11400:Growing of sugar cane, 11500:Growing of tobacco, 11601:Growing of cotton, 11602:Growing of cotton seeds, 11609:Growing of other fibre crops(except sisal), 11700:Growing of Sisal, 11911:Growing of fodder crops, 11912:Growing of fodder crops seeds, 11921:Growing of flowers, including production of cut flowers and flower buds, 11922:Growing of flowers seeds, 11990:Growing of other non-perennial crops, 12000:Mixed cropping of Perennial Crops, 12100:Growing of grapes, 12201:Growing of bananas, 12202:Growing of mangoes, 12203:Growing of pinapples, 12204:Growing of avocado, 12205:Growing of pawpaw, 12206:Growing of mixed tropical and subtropical fruits, 12209:Growing of other tropical and subtropical fruits, 12301:Growing of oranges, 12302:Growing of lemons and lime, 12309:Growing of other citrus fruits, 12401:Growing of pears, 12402:Growing of plums, 12409:Growing of other pome fruits and stone fruits, 12511:Growing of blue berries, 12512:Growing of strawberries, 12519:Growing of other berries, 12520:Growing of fruit seeds, 12531:Growing of macademia, 12532:Growing of cashewnuts, 12539:Growing of other nuts, 12540:Growing of other tree and bush fruits, 12601:Growing of coconut, 12609:Growing of other oleaginous fruits, 12710:Growing of coffee, 12720:Growing of tea, 12790:Growing of other beverage crops, 12811:Growing of chillies, 12812:Growing of capsicum, 12813:Growing of ginger, 12819:Other spices and aromatic crops, 12820:Growing of drug and pharmaceutical crops except pyrethrum, 12830:Growing of Pyrethrum, 12910:Growing of Khat "Miraa", 12990:Growing of other perennial crops, 13010:Operation of tree nurseries, except forest tree nurseries, 13020:Growing of plants for planting, 13030:Mixed plant propagation, 13090:Other plant propagation, 14000:Mixed animal farming, 14110:Raising and breeding of cattle, 14120:Production of raw cow milk from cows, 14130:Production of bovine semen, 14200:Raising of horses and other equines, 14310:Raising of camels, 14320:Production of camel milk, 14410:Raising and breeding of goats, 14420:Raising and breeding of sheep, 14430:Production of raw goat milk, 14440:Production of raw wool, 14500:Raising of swine/pigs, 14611:Raising and breeding of chicken, 14619:Raising and breeding of other poultry, 14621:Production of chicken eggs, 14629:Production of other poultry eggs, 14631:Operation of chicken hatcheries, 14639:Operation of other poultry hatcheries, 14700:Bee-keeping and production of honey and beeswax, 14910:Raising of silk worms, production of silk worm cocoons, 14921:Raising and breeding of ostriches and emus, 14922:Raising and breeding of other birds except poultry, 14923:Raising and breeding of Rabbits and other fur animals, 14931:Raising and breeding of dogs, 14939:Raising and breeding of other pet animals, 14990:Raising of other animals, 15000:Mixed farming, 16111:Preparation of fields, 16112:Establishing a crop, 16113:Crop spraying, including by air, 16114:Harvesting, 16119:Other agricultural activities on a fee or contract basis, 16120:Provision of agricultural machinery with operators and crew, 16190:Other support activities for crop production, 16211:Activities related to artificial insemination, 16212:Sheep shearing, 16219:Other Other agricultural activities on a fee or contract basis, 16290:Other support activities for animal production, 16310:Preparation of crops for primary markets, i.e. cleaning, trimming, grading, disinfecting, 16320:Cotton ginning, 16330:Preparation of tobacco leaves, 16340:Waxing of fruit, 16350:Sun-drying of fruit and vegetables, 16390:Other Post-harvest crop activities, 16400:Seed processing for propagation, 17000:Hunting, trapping and related service activities, 21010:Growing of standing timber: planting, replanting, transplanting, thinning and conserving, 21020:Growing of coppice, pulpwood and firewood, 21030:Operation of forest tree nurseries, 21090:Other silviculture and other forestry activities, 22100:Production of roundwood for forest-based manufacturing industries, 22200:Production of roundwood used in an unprocessed form such as pit-props, fence posts and utility poles, 22300:Gathering and production of fire wood, 22400:Production of charcoal in the forest (using traditional methods), 23000:Gathering of non-wood forest products, 24011:Forestry inventories, 24012:Forest management consulting services, 24013:Timber evaluation, 24014:Forest fire fighting and protection, 24015:Forest pest control, 24021:Transport of logs within the forest, 31110:Fishing on a commercial basis in ocean and coastal waters, 31120:Taking of marine crustaceans and molluscs, 31190:Other marine fishing, 31210:Fishing on a commercial basis in inland waters, 31290:Other freshwater fishing, 32100:Marine aquaculture, 32210:Fish farming in freshwater including farming of freshwater ornamental fish, 32220:Operation of fish hatcheries (freshwater), 32290:Other freshwater aquaculture

[12] **b20\_1a: B20\_1a:What kind of work does [%rosteritle%] usually do in the primary job/business (last 7 days)? Kesco Sub-Major Group**

Categories: 11:Legislators, Chief Executives and Senior Government Officials, 12:Administrative and Commercial Managers, 13:Production and Specialized Services Managers, 14:Hospitality, Retail and Other Services Managers, 21:Science and Engineering Professionals, 22:Health Professionals, 23:Teaching Professionals, 24:Business and Administration Professionals, 25:Information and Communications Technology Professionals, 26:Legal, Social And Cultural Professionals, 31:Science and Engineering Associate Professionals, 32:Health Associate Professionals, 33:Business and Administration Associate Professionals, 34:Legal, Social, Cultural and Related Associate Professionals, 35:Information and Communications Technicians, 41:General and Keyboard Clerks, 42:Customer Service Clerks, 43:Numerical And Material Recording Clerks, 44:Other Clerical Support Workers, 51:Personal Services Workers, 52:Sales Workers, 53:Personal Care Workers, 54:Protective Services Workers, 61:Market-Oriented Skilled Agricultural Workers, 62:Market-Oriented Skilled Forestry, Fishery And Hunting Workers, 63:Subsistence Farmers, Fishers, Hunters And Gatherers, 71:Building and Related Trade Workers (Excluding Electricians), 72:Metal, Machinery and Related Trades Workers, 73:Handicraft And Printing Workers, 74:Electrical And Electronic Trade Workers, 75:Food Processing, Woodworking, Garment and Other Crafts and Related Trades Workers, 81:Stationary Plant And Machine Operators, 82:Assemblers, 83:Drivers and Mobile Plant Operators, 91:Cleaners and Helpers, 92:Agricultural, Forestry, Fishery and Related Labourers, 93:Labourers In Mining,

[13] **b20\_2a: B20\_2a:What kind of work does [%rosteritle%] usually do in the primary job/business (last 7 days)? Kesco Sub-Major Group**

Categories: 11:Legislators, Chief Executives and Senior Government Officials, 12:Administrative and Commercial Managers, 13:Production and Specialized Services Managers, 14:Hospitality, Retail and Other Services Managers, 21:Science and Engineering Professionals, 22:Health Professionals, 23:Teaching Professionals, 24:Business and Administration Professionals, 25:Information and Communications Technology Professionals, 26:Legal, Social And Cultural Professionals, 31:Science and Engineering Associate Professionals, 32:Health Associate Professionals, 33:Business and Administration Associate Professionals, 34:Legal, Social, Cultural and Related Associate Professionals, 35:Information and Communications Technicians, 41:General and Keyboard Clerks, 42:Customer Service Clerks, 43:Numerical And Material Recording Clerks, 44:Other Clerical Support Workers, 51:Personal Services Workers, 52:Sales Workers, 53:Personal Care Workers, 54:Protective Services Workers, 61:Market-Oriented Skilled Agricultural Workers, 62:Market-Oriented Skilled Forestry, Fishery And Hunting Workers, 63:Subsistence Farmers, Fishers, Hunters And Gatherers, 71:Building and Related Trade Workers (Excluding Electricians), 72:Metal, Machinery and Related Trades Workers, 73:Handicraft And Printing Workers, 74:Electrical And Electronic Trade Workers, 75:Food Processing, Woodworking, Garment and Other Crafts and Related Trades Workers, 81:Stationary Plant And Machine Operators, 82:Assemblers, 83:Drivers and Mobile Plant Operators, 91:Cleaners and Helpers, 92:Agricultural, Forestry, Fishery and Related Labourers, 93:Labourers In Mining, Construction, Manufacturing and Transport, 94:Food Preparation Assistants, 95:Street and Related Sales And Service Workers, 96:Refuse Workers And Other Elementary Workers

[14] **b20\_1b: B20\_1b:What kind of work does [%rosteritle%] usually do in the primary job/business (last 7 days)? Kesco Minor Group**

Categories: 111:Legislative and Constitutional Officials, 112:National and County Government Officials., 113:Senior Officials of Special Interest Organizations, 114:Managing Directors and Chief Executives, 121:Business Services and Administration Managers, 122:Sales, Marketing and Development Managers, 123:Other Administrative and Commercial Managers, 131:Agriculture, Forestry, Fisheries and Production Managers, 132:Manufacturing, Mining, Drilling, Construction and Distribution Manager, 133:Information and Communications Technology Services Manager, 134:Professional Services Managers, 141:Hotel and Hospitality Managers, 142:Micro and Small Enterprise Managers, 143:Other Services Managers, 211:Physical and Earth Science Professionals, 212:Mathematicians, Actuaries and Statisticians, 213:Life Science Professionals, 214:Agriculturalists, Environmentalists and Related Professionals, 215:Engineering Professionals (Excluding Electro technology), 216:Electro-Technology Engineers, 217:Architects, Surveyors, Planners and Cartographers, 221:Medical Doctors, 222:Nursing and Midwifery Professionals, 223:Clinical Practitioners, 224:Veterinarians, 225:Dental Professionals, 226:Pharmaceutical Professionals, 227:Traditional and Complementary Medicine Professionals, 228:Occupational Safety and Health Professionals, 229:Other Health Professionals, 231:University and College Lecturers, 232:Vocational Education and Training Teachers, 233:Secondary Education Teachers, 234:Primary School And Early Childhood Development Teachers, 235:Other Teaching Professionals, 241:Finance Professionals, 242:Business Administration Professionals, 243:Sales, Marketing and Public Relations Professionals, 251:Software And Applications Developers And Analysts, 252:Database and Network Professionals, 253:Information Communication Technology Security Professionals, 254:Artificial Intelligence and Cloud Computing Professionals, 261:Legal Professionals, 262:Librarians, Archivists and Curators, 263:Social and Religious Professionals, 264:Authors, Journalists and Linguists, 265:Creative and Performing Artists, 265:Creative and Performing Artists, 311:Physical and Engineering Science Technicians, 312:Mining, Manufacturing and Construction Supervisors, 313:Process Control Technicians, 314:Life Science Technicians and Related Associate Professionals, 315:Ship and Aircraft Controllers and Technicians, 321:Medical and Pharmaceutical Technicians, 322:Nursing and Midwifery Associate Professionals, 323:Traditional and Complementary Medicine Associate Professionals, 324:Veterinary Technicians And Assistants, 325:Other Health Associate Professionals, 331:Financial and Mathematical associate professionals, 332:Sales and Purchasing Agents And Brokers, 333:Business Services Agents, 334:Administrative And Specialized Secretaries, 335:Regulatory Government Associate Professionals, 341:Legal, Social And Religious Associate Professionals, 342:Sports And Fitness Workers, 343:Artistic, Cultural and Culinary Associate Professionals, 351:Information and Communications Technology Operations and User Support Technicians, 352:Telecommunications and Broadcasting Technicians, 411:General Office Clerks, 412:Office Secretaries, 413:Keyboard Operators, 421:Tellers, Money Collectors And Related Clerks, 422:Client Information Workers, 431:Numerical Clerks, 432:Material Recording and Transport Clerks, 441:Other Clerical Support Workers, 511:Travel Attendants, Conductors and Guides, 512:Cooks, 513:Waiters and Bartenders, 514:Hairdressers, Beauticians And Related Workers, 515:Building and Housekeeping Supervisors, 516:Funeral Home Attendants, 517:Other Personal Service Workers, 521:Street and Market Salespersons, 522:Shop Salespersons, 523:Cashiers and Ticket Clerks, 524:Other Sales Workers, 531:Child Care Workers And Teachers' Aides, 532:Personal Care Workers In Health Services, 541:Protective Services Workers, 611:Market Gardeners and Crop Growers, 612:Animal Producers, 613:Mixed Crop and Animal Producers, 621:Forestry And Related Workers, 622:Fishery Workers, Hunters And Trappers, 631:Subsistence Crop Farmers, 632:Subsistence Livestock Farmers, 633:Subsistence Mixed Crop and Livestock Farmers, 634:Subsistence Fishers, Hunters, Trappers And Gatherers, 711:Building Frames and Related Trade Workers, 712:Building Finishers and Related Trades Workers, 713:Painters, Building Structure Cleaners and Related Trade Workers, 721:Sheet and Structural Metal Workers, Moulders and Welders And Related Workers, 722:Blacksmiths, Tool-Makers and Related Trades Workers, 723:Machinery Mechanics And Repairers, 731:Handicraft Workers, 732:Printing Trades Workers, 741:Electrical Equipment Installers and Repairers, 742:Electronics and Telecommunications Installers And Repairers, 751:Food Processing and Related Trades Workers, 752:Wood Treaters, Cabinet-Makers and Related Trades Workers, 753:Garment and Related Trades Workers, 754:Other Craft And Related Workers, 811:Mining Drilling and Mineral Processing Plant Operators, 812:Metal Processing and Finishing Plant Operators, 813:Chemical And Photographic Products Plant And Machine Operators, 814:Rubber, Plastic And Paper Products Machine Operators, 815:Textile, Fur and Leather Products Machine Operators, 816:Food and Related Products Machine Operator, 817:Wood Processing and Papermaking Plant Operators, 818:Other Stationary Plant and Machine Operators, 821:Assemblers, 831:Locomotive Engine Drivers and Related Workers, 832:Car, Van and Motorcycle Drivers, 833:Heavy Truck and Bus Drivers, 834:Mobile Plant Operators, 835:Ships' Deck Crews and Related Workers, 911:Domestic, Hotel and Office Cleaners And Helpers, 912:Vehicle, Window, Laundry And Other Hand Cleaning Workers, 921:Farm-Hands And Related Labourers, 931:Mining And Quarrying Labourers, 932:Manufacturing and Maintenance Labourers, 933:Transport and Storage Labourers, 941:Food Preparation Assistants, 951:Shoe Cleaning and Other Street Services Elementary Occupations, 952:Street Vendors (Excluding Food), 961:Refuse workers, 962:Other Elementary Workers

[15] **b20\_2b: B20\_2b:What kind of work does [%rosteritle%] usually do in the primary job/business (last 7 days)? Kesco Minor Group**

Categories: 111:Legislative and Constitutional Officials, 112:National and County Government Officials., 113:Senior Officials of Special Interest Organizations, 114:Managing Directors and Chief Executives, 121:Business Services and Administration Managers, 122:Sales, Marketing and Development Managers, 123:Other Administrative and Commercial Managers, 131:Agriculture, Forestry, Fisheries and Production Managers, 132:Manufacturing, Mining, Drilling, Construction and Distribution Manager, 133:Information and Communications Technology Services Manager, 134:Professional Services Managers, 141:Hotel and Hospitality Managers, 142:Micro and Small Enterprise Managers, 143:Other Services Managers, 211:Physical and Earth Science Professionals, 212:Mathematicians, Actuaries and Statisticians, 213:Life Science Professionals, 214:Agriculturalists, Environmentalists and Related Professionals, 215:Engineering Professionals (Excluding Electro technology), 216:Electro-Technology Engineers, 217:Architects, Surveyors, Planners and Cartographers, 221:Medical Doctors, 222:Nursing and Midwifery Professionals, 223:Clinical Practitioners, 224:Veterinarians, 225:Dental Professionals, 226:Pharmaceutical Professionals, 227:Traditional and Complementary Medicine Professionals, 228:Occupational Safety and Health Professionals, 229:Other Health Professionals, 231:University and College Lecturers, 232:Vocational Education and Training Teachers, 233:Secondary Education Teachers, 234:Primary School And Early Childhood Development Teachers, 235:Other Teaching Professionals, 241:Finance Professionals, 242:Business Administration Professionals, 243:Sales, Marketing and Public Relations Professionals, 251:Software And Applications Developers And Analysts, 252:Database and Network Professionals, 253:Information Communication Technology Security Professionals, 254:Artificial Intelligence and Cloud Computing Professionals, 261:Legal Professionals, 262:Librarians, Archivists and Curators, 263:Social and Religious Professionals, 264:Authors, Journalists and Linguists, 265:Creative and Performing Artists, 265:Creative and Performing Artists, 311:Physical and Engineering Science Technicians, 312:Mining, Manufacturing and Construction Supervisors, 313:Process Control Technicians, 314:Life Science Technicians and Related Associate Professionals, 315:Ship and Aircraft Controllers and Technicians, 321:Medical and Pharmaceutical Technicians, 322:Nursing and Midwifery Associate Professionals, 323:Traditional and Complementary Medicine Associate Professionals, 324:Veterinary Technicians And Assistants, 325:Other Health Associate Professionals, 331:Financial and Mathematical associate professionals, 332:Sales and Purchasing Agents And Brokers, 333:Business Services Agents, 334:Administrative And Specialized Secretaries, 335:Regulatory Government Associate Professionals, 341:Legal, Social And Religious Associate Professionals, 342:Sports And Fitness Workers, 343:Artistic, Cultural and Culinary Associate Professionals, 351:Information and Communications Technology Operations and User Support Technicians, 352:Telecommunications and Broadcasting Technicians, 411:General Office Clerks, 412:Office Secretaries, 413:Keyboard Operators, 421:Tellers, Money Collectors And Related Clerks, 422:Client Information Workers, 431:Numerical Clerks, 432:Material Recording and Transport Clerks, 441:Other Clerical Support

Workers, 511:Travel Attendants, Conductors and Guides, 512:Cooks, 513:Waiters and Bartenders, 514:Hairdressers, Beauticians And Related Workers, 515:Building and Housekeeping Supervisors, 516:Funeral Home Attendants, 517:Other Personal Service Workers, 521:Street and Market Salespersons, 522:Shop Salespersons, 523:Cashiers and Ticket Clerks, 524:Other Sales Workers, 531:Child Care Workers And Teachers' Aides, 532:Personal Care Workers In Health Services, 541:Protective Services Workers, 611:Market Gardeners and Crop Growers, 612:Animal Producers, 613:Mixed Crop and Animal Producers, 621:Forestry And Related Workers, 622:Fishery Workers, Hunters And Trappers, 631:Subsistence Crop Farmers, 632:Subsistence Livestock Farmers, 633:Subsistence Mixed Crop and Livestock Farmers, 634:Subsistence Fishers, Hunters, Trappers And Gatherers, 711:Building Frames and Related Trade Workers, 712:Building Finishers and Related Trades Workers, 713:Painters, Building Structure Cleaners and Related Trade Workers, 721:Sheet and Structural Metal Workers, Moulders and Welders And Related Workers, 722:Blacksmiths, Tool-Makers and Related Trades Workers, 723:Machinery Mechanics And Repairers, 731:Handicraft Workers, 732:Printing Trades Workers, 741:Electrical Equipment Installers and Repairers, 742:Electronics and Telecommunications Installers And Repairers, 751:Food Processing and Related Trades Workers, 752:Wood Treaters, Cabinet-Makers and Related Trades Workers, 753:Garment and Related Trades Workers, 754:Other Craft And Related Workers, 811:Mining Drilling and Mineral Processing Plant Operators, 812:Metal Processing and Finishing Plant Operators, 813:Chemical And Photographic Products Plant And Machine Operators, 814:Rubber, Plastic And Paper Products Machine Operators, 815:Textile, Fur and Leather Products Machine Operators, 816:Food and Related Products Machine Operator, 817:Wood Processing and Papermaking Plant Operators, 818:Other Stationary Plant and Machine Operators, 821:Assemblers, 831:Locomotive Engine Drivers and Related Workers, 832:Car, Van and Motorcycle Drivers, 833:Heavy Truck and Bus Drivers, 834:Mobile Plant Operators, 835:Ships' Deck Crews and Related Workers, 911:Domestic, Hotel and Office Cleaners And Helpers, 912:Vehicle, Window, Laundry And Other Hand Cleaning Workers, 921:Farm-Hands And Related Labourers, 931:Mining And Quarrying Labourers, 932:Manufacturing and Maintenance Labourers, 933:Transport and Storage Labourers, 941:Food Preparation Assistants, 951:Shoe Cleaning and Other Street Services Elementary Occupations, 952:Street Vendors (Excluding Food), 961:Refuse workers, 962:Other Elementary Workers

[16] **b20\_1c: B20\_1c:What kind of work does [%rostartitle%] usually do in the primary job/business (last 7 days)? Kesco Unit Group**

Categories: 1110:Legislators and Constitutional Officials, 1121:Chairperson and Members of Constitutional Offices and Commissions, 1122:Secretary/CEO of Constitutional Offices and Commissions, 1123:National Government Administrators, 1124:County Government Administrators, 1130:Senior Officials of Special Interest Organizations, 1140:Managing Directors and Chief Executives, 1211:Finance Managers, 1212:Human Resource Managers, 1213:Policy and Planning Managers, 1221:Sales and Marketing Managers, 1222:Public Relations And Advertising Managers, 1223:Research Planning and Development Managers, 1230:Other Administrative and Commercial Managers, 1311:Agricultural Managers, 1312:Forestry and Environmental Managers, 1313:Aquaculture and Fisheries Production Manager, 1321:Manufacturing Managers, 1322:Mining and Drilling Managers, 1323:Construction and Utilities Managers, 1324:Transport, Storage and Distribution Managers, 1330:Information and Communication Technology Services Managers, 1341:Manager, Personal Care Cleaning, 1342:Manager Health Care Services, 1343:Manager Child Care Services, 1344:Manager Aged Care Services, 1411:Hotel Managers, 1412:Restaurant Managers, 1420:Micro and Small Enterprise Managers, 1431:Recreational/Cultural and Sporting Establishment Managers, 1432:Theatre and Media Production Managers, 1433:Real Estate and Travel Agency Managers, 2111:Physicist and Astronomers, 2112:Geologist and Geophysicists, 2113:Hydrologists, 2114:Meteorologists, 2115:Chemists, 2120:Mathematicians, Actuaries and Statisticians, 2130:Biologist, Botanist, Zoologists And Related Professionals, 2141:Agriculturalists And Related Professionals, 2142:Environmentalists and Related Professionals, 2151:Civil Engineers, 2152:Mechanical Engineers and Technologists, 2153:Chemical Engineers and Technologists, 2154:Mining and Drilling Engineers, Metallurgists and Related Technologists, 2155:Industrial and Production Engineers And Related Technologist, 2156:Bio-Medical Engineering Professionals, 2157:Other Engineering Professionals, 2161:Electrical Engineers, 2162:Electronics Engineers, 2163:Telecommunications Engineers, 2171:Architects and Town Planners, 2172:Surveyors And Cartographers, 2211:General Medical Practitioners, 2212:Specialist Medical Practitioners, 2221:Nurse, General, 2222:Specialist Nurses, 2223:Midwifery Professionals, 2231:Clinical Officer, 2232:Clinical Officer Specialist, 2240:Veterinarians, 2250:Dental Professionals, 2260:Pharmaceutical Professionals, 2270:Traditional and Complementary Medicine Professionals, 2280:Occupational Safety And Health Professionals, 2291:Physiotherapists, 2292:Dieticians and Nutritionists, 2293:Audiologists and Speech Therapists, 2294:Optometrists and Ophthalmic Opticians, 2295:Health Professionals, 2310:University and College Lecturers, 2320:Vocational Education and Training Teachers, 2330:Secondary Education Teachers, 2341:Primary School Teachers, 2342:Early Childhood Development Teachers, 2351:Education Methods Specialists, 2352:Special Needs Teachers, 2353:Other Language Teachers, 2354:Other Music Teachers, 2355:Other Arts Teachers, 2356:Information Communication Technology Trainers, 2357:Other Teaching Professionals, 2411:Accountants, 2412:Financial and Investment Advisers, 2413:Financial Analysts, 2421:Management and Organization Analysts, 2422:Policy Administration Professionals, 2423:Human Resource and Careers Professionals, 2431:Training and Staff Development Professionals, 2432:Advertising and Marketing Professionals, 2433:Public Relations Professionals, 2434:Technical and Medical Sales Professionals (Excluding ICT), 2435:Information and Communications Technology Sales Professionals, 2511:Systems Analysts, 2512:Software Developers, 2513:Web and Multimedia Developers, 2514:Applications Programmers, 2515:Software Auditors, 2521:Database Designers And Administrators, 2522:Systems Administrators, 2523:Computer Network Professionals, 2531:Database and Network Security Professionals, 2532:Software Security Professionals, 2541:Internet of Things (IOT) Professional, 2542:Artificial Intelligence (Ai)/Machine Learning (ML) Professionals, 2543:Cloud Computing Professionals, 2611:Lawyers, 2612:Jurists/Judges, 2613:Other Legal Professionals, 2621:Archivists and Curators, 2622:Librarians and Related Information Professionals, 2631:Economists, 2632:Sociologists, Anthropologists and Related Professionals, 2633:Philosophers, Historians and Political Scientists, 2634:Psychologists, 2635:Social Work and Counselling Professionals, 2636:Religion Professionals, 2641:Authors and Related Writers, 2642:Journalists, 2643:Translators, Interpreters and Other Linguists, 2651:Visual Artists, 2652:Musicians, Singers And Composers, 2653:Dancers and Choreographers, 2654:Film, Stage and Related Directors and Producers, 2655:Actors, 2656:Announcers On Radio, Television and Other Media, 3111:Chemical and Physical Science Technicians, 3112:Civil Engineering Technicians, 3113:Electrical Engineering Technicians, 3114:Electronics Engineering Technicians, 3115:Mechanical Engineering Technicians, 3116:Chemical Engineering Technicians, 3117:Mining and Metallurgical Technicians, 3118:Draughts Persons, 3119:Other Physical and Engineering Science Technicians, 3121:Mining and Drilling Supervisors, 3122:Manufacturing Supervisors, 3123:Construction Supervisors, 3131:Power Production Plant Operators, 3132:Solid Waste and Water Treatment Plant Operators, 3133:Chemical Processing Plant Controllers, 3134:Petrochemical And Natural Gas Refining Plant Operators, 3135:Metal Production Process Controllers, 3136:Pulp and Paper Process Control Technicians, 3141:Life Science Technicians (Excluding Medical), 3142:Agricultural Technicians, 3143:Agromony and Forestry Technicians, 3151:Ships' Engineers, 3152:Ships' Deck Officers and Pilots, 3153:Aircraft Pilots and Related Associate Professionals, 3154:Air Traffic Controllers, 3155:Air Traffic Safety Electronics Technicians, 3211:Medical Imaging and Therapeutic Equipment Technicians, 3212:Medical and Pathology Laboratory Technicians, 3213:Pharmaceutical Technicians and Assistants, 3214:Medical and Dental Prosthetic Technicians, 3221:Nursing Associate Professionals, 3222:Midwifery Associate Professionals, 3230:Traditional and Complementary Medicine Associate Professionals, 3240:Veterinary Technicians And Assistants, 3251:Dental Assistants and Therapists, 3252:Medical Records and Health Information Technicians, 3253:Community Health Workers, 3254:Dispensing Opticians, 3255:Physiotherapy Technicians and Assistants, 3256:Medical Assistants, 3257:Environmental and Occupational Health Inspectors and Associates, 3258:Ambulance Workers, 3259:Other Health Associate Professionals, 3311:Securities and Finance Dealers And Brokers, 3312:Credit and Loans Officers, 3313:Accounting Associate Professionals, 3314:Statistical, Mathematical And Related Associate Professionals, 3315:Valuers and Loss Assessors, 3321:Insurance Representatives, 3322:Commercial Sales Representatives, 3323:Buyers, 3324:Trade Brokers, 3331:Clearing and Forwarding Agents, 3332:Conference and Event Planners, 3333:Employment Agents And Contractors, 3334:Real Estate Agents And Property Agents, 3335:Other Business Service Agents, 3341:Office Supervisors, 3342:Legal Secretaries, 3343:Administrative and Executive Secretaries, 3344:Medical Secretaries, 3351:Customs and Border Officials, 3352:Government Tax And Excise Officials, 3353:Government Social Benefits Officials, 3354:Government Licensing Officials, 3355:Police Inspectors and Detectives, 3356:Other Government Regulatory Associate Professionals, 3411:Legal and Related Associate Professionals, 3412:Social Work Associate Professionals, 3413:Religious Associate Professionals, 3421:Athletes and Sports Players, 3422:Sports Coaches, Instructors and Officials, 3423:Fitness And Recreation Instructors and Programme Leaders, 3431:Photographers, 3432:Interior Designers And Decorators, 3433:Gallery, Museum and Library Technicians, 3434:Chefs, 3435:Other Artistic and Cultural Associate Professionals, 3511:Information and Communications Technology Operations Technicians, 3512:Information and Communication Technology User Support Technicians, 3513:Computer Network Systems Technicians, 3514:Web Technicians, 3521:Broadcasting and audio-visual technicians, 3522:Telecommunications Engineering Technicians, 4110:General Office Clerks, 4120:Office Secretaries, 4131:Typists and Word Processing Operators, 4132>Data Entry Clerks, 4211:Bank Tellers And Related Clerks, 4212:Bookmakers, Croupiers And Related Gaming Workers, 4213:Pawnbrokers And Money-Lenders, 4214:Debt Collectors and Related Workers, 4221:Travel Consultants and Clerks, 4222:Contact Centre Information Clerks, 4223:Telephone and Switchboard Operators, 4224:Hotel Receptionists, 4225:Inquiry Clerks, 4226:Receptionists (General), 4227:Survey And Market Research Interviewers, 4228:Other Client Information Workers, 4311:Accounting And Book Keeping Clerks, 4312:Statistical, Finance and Insurance Clerks, 4313:Payroll Clerks, 4321:Stock Clerks, 4322:Production Clerks, 4323:Transport Clerks, 4411:Library, Mail and Related Clerks, 4412:Mail Carriers And Sorting Clerks, 4413:Coding, Proof Reading And Related Clerks, 4414:Scribes And Related Workers, 4415:Filing and Copying Clerks, 4416:Personnel Clerks, 4417:Other Clerical Workers, 5111:Travel Attendants and Travel Stewards, 5112:Transport Conductors, 5113:Travel Guides, 5120:Cooks,



5131:Waiters, 5132:Bartenders, 5141:Hairdressers, 5142:Beauticians and Related Workers, 5151:Cleaning and Housekeeping-Non Domestic, 5152:Domestic Housekeepers, 5153:Building Caretakers, 5160:Funeral Home Attendants, 5171:Astrologers, Fortune-tellers and Related Workers, 5172:Pet Groomers and Animal Care Workers, 5173:Companions and Valets, 5174:Driving Instructors, 5211:Stall and Market Salespersons, 5212:Street Food Salespersons, 5221:Shopkeepers, 5222:Shop Supervisors, 5223:Shop Sales Assistants, 5230:Cashiers and Ticket Clerks, 5241:Fashion and Other Models, 5242:Sales Demonstrators, 5243:Door-to-door Salespersons, 5244:Contact Centre Salespersons, 5245:Service Station Attendants, 5246:Food Service Counter Attendants, 5247:Car Sales and Hire Assistants, 5311:Child Care Workers, 5312:Teachers' Aides, 5321:Health Care Assistants, 5322:Home-Based Personal Care Workers, 5323:Other Personal Care Workers in Health Services, 5411:Firefighters, 5412:Police Officers, 5413:Prison Guards, 5414:Security Guards, 5415:Other Protective Service Workers, 6111:Field Crop and Vegetable Growers, 6112:Tree And Shrub Crop Grower, 6113:Gardener, Horticultural and Nursery Grower, 6114:Mixed-Crop Growers, 6121:Livestock and Dairy Producers, 6122:Poultry Producers, 6123:Apiarists and Sericulturists, 6124:Other Animal Producers, 6130:Mixed-Crop And Animal Producers, 6210:Forestry and Related Workers, 6221:Aquaculture Workers, 6222:Inland and Coastal Waters Fishery Workers, 6223:Deep Sea Fishery Workers, 6224:Hunters and Trappers, 6310:Subsistence Crop Farmers, 6320:Subsistence Livestock Farmers, 6330:Subsistence Mixed Crop And Livestock Farmers, 6340:Subsistence Fishers, Hunters, Trappers And Gatherers, 7111:House Builders, 7112:Bricklayers and Related Workers, 7113:Stonemasons, Stone Cutters, Splitters and Carvers, 7114:Concrete Block Makers, Brick, Tile Moulders And Related Workers, 7115:Concrete Placers, Concrete Finishers and Related Workers, 7116:Carpenters And Joiners, 7119:Other Building Frame and Related Trades Workers, 7121:Roofers, 7122:Floor Layers And Tile Setters, 7123:Plasterers, 7124:Insulation Workers, 7125:Glaziers, 7126:Plumbers and Pipe Fitters, 7127:Air Conditioning and Refrigeration Mechanics, 7131:Painters and Related Workers, 7132:Spray Painters and Varnishers, 7133:Building Structure Cleaners, 7211:Metal Moulders and Coremakers, 7212:Welders and Flame Cutters, 7213:Sheet Metal Workers, 7214:Structural Metal Preparers And Erectors, 7215:Riggers and Cable Splicers, 7221:Blacksmiths, Hammersmiths and Forging Press Workers, 7222:Toolmakers and Related Workers, 7223:Metal Working Machine Tool Setters and Operators, 7224:Metal Polishers, Wheel Grinders and Tool Sharpeners, 7231:Motor Vehicle And Motor Cycle Mechanics Repairers, 7232:Aircraft Engine Mechanics and Repairers, 7233:Agricultural and Industrial Machinery Mechanics and Repairers, 7234:Bicycle and Related Repairers, 7311:Precision-Instrument Makers and Repairers, 7312:Musical Instrument Makers and Tuners, 7313:Jewellery and Precious Metal Workers, 7314:Potters, Ceramicists and Related Workers, 7315:Glass Makers, Cutters, Grinders And Finishers, 7316:Sign Writers, Decorative Painters, Engravers And Etchers, 7317:Handicraft Workers In Wood, Basketry And Related Materials, 7318:Handicraft Workers In Textile, Leather And Related Materials, 7319:Other Handicraft Workers, 7321:Pre-Press Technicians, 7322:PRINTERS, 7323:PRINT FINISHING AND BINDING WORKERS, 7411:Building and Related Electricians, 7412:Electrical Machinery and Equipments Mechanics And Fitters, 7413:Electrical Line Installers and Repairers, 7421:Electronics Mechanics And Servicers, 7422:Information and Communications Technology Installers And Servicers, 7511:Butchers, Fishmongers And Related Food Preparers, 7512:Bakers, Pastry-Cooks and Confectionery Makers, 7513:DAIRY PRODUCTS MAKERS, 7514:Fruit, Nuts, Vegetable And Related Preservers, 7515:Food and Beverage Tasters And Graders, 7516:TOBACCO PREPARERS AND TOBACCO PRODUCTS, 7517:Brewers, Distillers and Related Workers, 7521:Wood Treaters, 7522:Cabinet-Makers And Related Workers, 7523:Woodworking-Machine Tool Setters And Operators, 7531:Tailors, Dressmakers, Furriers And Hatters, 7532:Garment and Related Patternmakers And Cutters, 7533:Sewing Embroidery and Related Workers, 7534:Upholsterers and Related Workers, 7535:Pelt Dressers, Tanners And Fellmongers, 7536:Shoemakers And Related Workers, 7541:Underwater Divers, 7542:Shotfirsers and Blasters, 7543:Product Graders And Testers (Excluding Foods and Beverages), 7544:Fumigators and Other Pest And Weed Controllers, 7545:Other Craft Workers, 8111:Miners, Drillers and Quarries, 8112:Mineral and Stone Processing Plant Operators, 8113:Well Drillers And Borers And Related Workers, 8114:Clay, Cement, Stone And Other Mineral Products Machine Operators, 8121:Metal Processing Plant Operators, 8122:Metal Finishing, Plating and Coating Machine Operators, 8131:Chemical Products Plant And Machine Operators, 8132:Photographic Products Machine Operators, 8141:Rubber Products Machine Operators, 8142:Plastic Products Machine Operators, 8143:Paper Products Machine Operators, 8151:Fibre Preparing, Spinning And Winding Machine Operators, 8152:Weaving And Knitting Machine Operators, 8153:Sewing Machine Operators, 8154:Bleaching, Dyeing and Fabric Cleaning Machine Operators, 8155:Fur And Leather Preparing Machine Operators, 8156:Shoemaking And Related Machine Operators, 8157:Laundry Machine Operators, 8158:Other Textile, Fur And Leather Products Machine Operators, 8160:Food And Related Products Machine Operators, 8171:Pulp And Papermaking Plant Operators, 8172:Wood Processing Plant Operators, 8181:Glass and Ceramics Plant Operators, 8182:Steam Engine and Boiler Operators, 8183:Packing, Bottling and Labelling Machine Operators, 8184:Silicon chips splice cables and rope making machine operators, 8211:Mechanical Machinery Assemblers, 8212:Electrical And Electronic Equipment Assemblers, 8213:Other Assemblers, 8311:Locomotive Engine Drivers, 8312:Railway Braker, Signal and Switch Operators, 8321:Motorcycle Drivers, 8322:Car, Taxi and Van Drivers, 8331:Bus and Tram Drivers, 8332:Heavy Truck and Lorry Drivers, 8341:Mobile Farm And Forestry Plant Operators, 8342:Earthmoving and Related Plant Operators, 8343:Crane, Hoist and Related Plant Operators, 8344:Lifting Truck Operators, 8350:Ships' Deck Crews and Related Workers, 9111:Domestic Cleaners And Helpers, 9112:Cleaners and Helpers In Offices, Hotels and Other Establishments, 9121:Hand Launderers And Pressers, 9122:Vehicle Cleaners, 9123:Window Cleaners, 9124:Other Cleaning Workers, 9211:Farm Labourers, 9212:Livestock Farm Labourers, 9213:Mixed Crop And Livestock Farm Labourers, 9214:Garden And Horticultural, 9215:Forestry Labourers, 9216:Fishery and Aquaculture Labourers, 9311:Mining and Quarrying Laboures, 9312:Civil Engineering Labourers, 9313:Building Construction Labourers, 9321:Hand Packers, 9322:Other Manufacturing Labourers, 9331:Hand and Pedal Vehicle Drivers, 9332:Drivers of Animal-drawn Vehicles and Machinery, 9333:Freight Handlers, 9334:Shelf Fillers, 9411:Fast-Food Preparers, 9412:Kitchen Helpers, 9510:Street and Related Service Workers, 9520:Street Vendors (Excluding Food), 9611:Garbage and Recycling Collectors, 9612:Refuse Sorters, 9613:Sweepers And Related Labourers, 9621:Messengers, Package Deliverers and Luggage Porters, 9622:Odd Job Persons, 9623:Vending-Machine Collectors, 9624:Water And Firewood Collectors, 9625:Other Elementary Workers

[17] [b20\\_2c: B20\\_2c:What kind of work does \[%rostartitle%\] usually do in the primary job/business \(last 7 days\)? Kesco Unit Group](#)

Categories: 1110:Legislators and Constitutional Officials, 1121:Chairperson and Members of Constitutional Offices and Commissions, 1122:Secretary/CEO of Constitutional Offices and Commissions, 1123:National Government Administrators, 1124:County Government Administrators, 1130:Senior Officials of Special Interest Organizations, 1140:Managing Directors and Chief Executives, 1211:Finance Managers, 1212:Human Resource Managers, 1213:Policy and Planning Managers, 1221:Sales and Marketing Managers, 1222:Public Relations And Advertising Managers, 1223:Research Planning and Development Managers, 1230:Other Administrative and Commercial Managers, 1311:Agricultural Managers, 1312:Forestry and Environmental Managers, 1313:Aquaculture and Fisheries Production Manager, 1321:Manufacturing Managers, 1322:Mining and Drilling Managers, 1323:Construction and Utilities Managers, 1324:Transport, Storage and Distribution Managers, 1330:Information and Communication Technology Services Managers, 1341:Manager, Personal Care Cleaning, 1342:Manager Health Care Services, 1343:Manager Child Care Services, 1344:Manager Aged Care Services, 1411:Hotel Managers, 1412:Restaurant Managers, 1420:Micro and Small Enterprise Managers, 1431:Recreational/Cultural and Sporting Establishment Managers, 1432:Theatre and Media Production Managers, 1433:Real Estate and Travel Agency Managers, 2111:Physicist and Astronomers, 2112:Geologist and Geophysicists, 2113:Hydrologists, 2114:Meteorologists, 2115:Chemists, 2120:Mathematicians, Actuaries and Statisticians, 2130:Biologist, Botanist, Zoologists And Related Professionals, 2141:Agriculturalists And Related Professionals, 2142:Environmentalists and Related Professionals, 2151:Civil Engineers, 2152:Mechanical Engineers and Technologists, 2153:Chemical Engineers and Technologists, 2154:Mining and Drilling Engineers, Metallurgists and Related Technologists, 2155:Industrial and Production Engineers And Related Technologist, 2156:Bio-Medical Engineering Professionals, 2157:Other Engineering Professionals, 2161:Electrical Engineers, 2162:Electronics Engineers, 2163:Telecommunications Engineers, 2171:Architects and Town Planners, 2172:Surveyors And Cartographers, 2211:General Medical Practitioners, 2212:Specialist Medical Practitioners, 2221:Nurse, General, 2222:Specialist Nurses, 2223:Midwifery Professionals, 2231:Clinical Officer, 2232:Clinical Officer Specialist, 2240:Veterinarians, 2250:Dental Professionals, 2260:Pharmaceutical Professionals, 2270:Traditional and Complementary Medicine Professionals, 2280:Occupational Safety And Health Professionals, 2291:Physiotherapists, 2292:Dieticians and Nutritionists, 2293:Audiologists and Speech Therapists, 2294:Optometrists and Ophthalmic Opticians, 2295:Health Professionals, 2310:University and College Lecturers, 2320:Vocational Education and Training Teachers, 2330:Secondary Education Teachers, 2341:Primary School Teachers, 2342:Early Childhood Development Teachers, 2351:Education Methods Specialists, 2352:Special Needs Teachers, 2353:Other Language Teachers, 2354:Other Music Teachers, 2355:Other Arts Teachers, 2356:Information Communication Technology Trainers, 2357:Other Teaching Professionals, 2411:Accountants, 2412:Financial and Investment Advisers, 2413:Financial Analysts, 2421:Management and Organization Analysts, 2422:Policy Administration Professionals, 2423:Human Resource and Careers Professionals, 2424:Training and Staff Development Professionals, 2431:Advertising and Marketing Professionals, 2432:Public Relations Professionals, 2433:Technical and Medical Sales Professionals (Excluding ICT), 2434:Information and Communications Technology Sales Professionals, 2511:Systems Analysts, 2512:Software Developers, 2513:Web and Multimedia Developers, 2514:Applications Programmers, 2515:Software Auditors, 2521:Database Designers And Administrators, 2522:Systems Administrators, 2523:Computer Network Professionals, 2531:Database and Network Security Professionals, 2532:Software Security Professionals, 2541:Internet of Things (IOT) Professional, 2542:Artificial Intelligence (AI)/Machine Learning (ML) Professionals, 2543:Cloud Computing Professionals, 2611:Lawyers, 2612:Jurists/Judges, 2613:Other Legal Professionals, 2621:Archivists and Curators, 2622:Librarians and Related Information Professionals, 2631:Economists, 2632:Sociologists, Anthropologists and Related Professionals, 2633:Philosophers, Historians and Political Scientists, 2634:Psychologists, 2635:Social Work and



Counselling Professionals, 2636:Religion Professionals, 2641:Authors and Related Writers, 2642:Journalists, 2643:Translators, Interpreters and Other Linguists, 2651:Visual Artists, 2652:Musicians, Singers And Composers, 2653:Dancers and Choreographers, 2654:Film, Stage and Related Directors and Producers, 2655:Actors, 2656:Announcers On Radio, Television and Other Media, 3111:Chemical and Physical Science Technicians, 3112:Civil Engineering Technicians, 3113:Electrical Engineering Technicians, 3114:Electronics Engineering Technicians, 3115:Mechanical Engineering Technicians, 3116:Chemical Engineering Technicians, 3117:Mining and Metallurgical Technicians, 3118:Draughts Persons, 3119:Other Physical and Engineering Science Technicians, 3121:Mining and Drilling Supervisors, 3122:Manufacturing Supervisors, 3123:Construction Supervisors, 3131:Power Production Plant Operators, 3132:Solid Waste and Water Treatment Plant Operators, 3133:Chemical Processing Plant Controllers, 3134:Petroleum And Natural Gas Refining Plant Operators, 3135:Metal Production Process Controllers, 3136:Pulp and Paper Process Control Technicians, 3141:Life Science Technicians (Excluding Medical), 3142:Agricultural Technicians, 3143:Agromony and Forestry Technicians, 3151:Ships' Engineers, 3152:Ships' Deck Officers and Pilots, 3153:Aircraft Pilots and Related Associate Professionals, 3154:Air Traffic Controllers, 3155:Air Traffic Safety Electronics Technicians, 3211:Medical Imaging and Therapeutic Equipment Technicians, 3212:Medical and Pathology Laboratory Technicians, 3213:Pharmaceutical Technicians and Assistants, 3214:Medical and Dental Prosthetic Technicians, 3221:Nursing Associate Professionals, 3222:Midwifery Associate Professionals, 3230:Traditional and Complementary Medicine Associate Professionals, 3240:Veterinary Technicians And Assistants, 3251:Dental Assistants and Therapists, 3252:Medical Records and Health Information Technicians, 3253:Community Health Workers, 3254:Dispensing Opticians, 3255:Physiotherapy Technicians and Assistants, 3256:Medical Assistants, 3257:Environmental and Occupational Health Inspectors and Associates, 3258:Ambulance Workers, 3259:Other Health Associate Professionals, 3311:Securities and Finance Dealers And Brokers, 3312:Credit and Loans Officers, 3313:Accounting Associate Professionals, 3314:Statistical, Mathematical And Related Associate Professionals, 3315:Valuers and Loss Assessors, 3321:Insurance Representatives, 3322:Commercial Sales Representatives, 3323:Buyers, 3324:Trade Brokers, 3331:Clearing and Forwarding Agents, 3332:Conference and Event Planners, 3333:Employment Agents And Contractors, 3334:Real Estate Agents And Property Agents, 3335:Other Business Service Agents, 3341:Office Supervisors, 3342:Legal Secretaries, 3343:Administrative and Executive Secretaries, 3344:Medical Secretaries, 3351:Customs and Border Officials, 3352:Government Tax And Excise Officials, 3353:Government Social Benefits Officials, 3354:Government Licensing Officials, 3355:Police Inspectors and Detectives, 3356:Other Government Regulatory Associate Professionals, 3411:Legal and Related Associate Professionals, 3412:Social Work Associate Professionals, 3413:Religious Associate Professionals, 3421:Athletes and Sports Players, 3422:Sports Coaches, Instructors and Officials, 3423:Fitness And Recreation Instructors and Programme Leaders, 3431:Photographers, 3432:Interior Designers And Decorators, 3433:Gallery, Museum and Library Technicians, 3434:Chefs, 3435:Other Artistic and Cultural Associate Professionals, 3511:Information and Communications Technology Operations Technicians, 3512:Information and Communication Technology User Support Technicians, 3513:Computer Network Systems Technicians, 3514:Web Technicians, 3521:Broadcasting and audio-visual technicians, 3522:Telecommunications Engineering Technicians, 4110:General Office Clerks, 4120:Office Secretaries, 4131:Typists and Word Processing Operators, 4132:Data Entry Clerks, 4211:Bank Tellers And Related Clerks, 4212:Bookmakers, Croupiers And Related Gaming Workers, 4213:Pawnbrokers And Money-Lenders, 4214:Debt Collectors and Related Workers, 4221:Travel Consultants and Clerks, 4222:Contact Centre Information Clerks, 4223:Telephone and Switchboard Operators, 4224:Hotel Receptionists, 4225:Inquiry Clerks, 4226:Receptionists (General), 4227:Survey And Market Research Interviewers, 4228:Other Client Information Workers, 4311:Accounting And Book Keeping Clerks, 4312:Statistical, Finance and Insurance Clerks, 4313:Payroll Clerks, 4321:Stock Clerks, 4322:Production Clerks, 4323:Transport Clerks, 4411:Library, Mail and Related Clerks, 4412:Mail Carriers And Sorting Clerks, 4413:Coding, Proof Reading And Related Clerks, 4414:Scribes And Related Workers, 4415:Filing and Copying Clerks, 4416:Personnel Clerks, 4417:Other Clerical Workers, 5111:Travel Attendants and Travel Stewards, 5112:Transport Conductors, 5113:Travel Guides, 5120:Cooks, 5131:Waiters, 5132:Bartenders, 5141:Hairdressers, 5142:Beauticians and Related Workers, 5151:Cleaning and Housekeeping-Non Domestic, 5152:Domestic Housekeepers, 5153:Building Caretakers, 5160:Funeral Home Attendants, 5171:Astrologers, Fortune-tellers and Related Workers, 5172:Pet Groomers and Animal Care Workers, 5173:Companions and Valets, 5174:Driving Instructors, 5211:Stall and Market Salespersons, 5212:Street Food Salespersons, 5221:Shopkeepers, 5222:Shop Supervisors, 5223:Shop Sales Assistants, 5230:Cashiers and Ticket Clerks, 5241:Fashion and Other Models, 5242:Sales Demonstrators, 5243:Door-to-door Salespersons, 5244:Contact Centre Salespersons, 5245:Service Station Attendants, 5246:Food Service Counter Attendants, 5247:Car Sales and Hire Assistants, 5311:Child Care Workers, 5312:Teachers' Aides, 5321:Health Care Assistants, 5322:Home-Based Personal Care Workers, 5323:Other Personal Care Workers in Health Services, 5411:Firefighters, 5412:Police Officers, 5413:Prison Guards, 5414:Security Guards, 5415:Other Protective Service Workers, 6111:Field Crop and Vegetable Growers, 6112:Tree And Shrub Crop Grower, 6113:Gardener, Horticultural and Nursery Grower, 6114:Mixed-Crop Growers, 6121:Livestock and Dairy Producers, 6122:Poultry Producers, 6123:Apiarists and Sericulturists, 6124:Other Animal Producers, 6130:Mixed-Crop And Animal Producers, 6210:Forestry and Related Workers, 6221:Aquaculture Workers, 6222:Inland and Coastal Waters Fishery Workers, 6223:Deep Sea Fishery Workers, 6224:Hunters and Trappers, 6310:Subsistence Crop Farmers, 6320:Subsistence Livestock Farmers, 6330:Subsistence Mixed Crop And Livestock Farmers, 6340:Subsistence Fishers, Hunters, Trappers And Gatherers, 7111:House Builders, 7112:Bricklayers and Related Workers, 7113:Stonemasons, Stone Cutters, Splitters and Carvers, 7114:Concrete Block Makers, Brick, Tile Moulders And Related Workers, 7115:Concrete Placers, Concrete Finishers and Related Workers, 7116:Carpenters And Joiners, 7119:Other Building Frame and Related Trades Workers, 7121:Roofers, 7122:Floor Layers And Tile Setters, 7123:Plasterers, 7124:Insulation Workers, 7125:Glaziers, 7126:Plumbers and Pipe Fitters, 7127:Air Conditioning and Refrigeration Mechanics, 7131:Painters and Related Workers, 7132:Spray Painters and Varnishers, 7133:Building Structure Cleaners, 7211:Metal Moulders and Coremakers, 7212:Welders and Flame Cutters, 7213:Sheet Metal Workers, 7214:Structural Metal Preparers And Erectors, 7215:Riggers and Cable Splicers, 7221:Blacksmiths, Hammersmiths and Forging Press Workers, 7222:Toolmakers and Related Workers, 7223:Metal Working Machine Tool Setters and Operators, 7224:Metal Polishers, Wheel Grinders and Tool Sharpeners, 7231:Motor Vehicle And Motor Cycle Mechanics Repairers, 7232:Aircraft Engine Mechanics and Repairers, 7233:Agricultural and Industrial Machinery Mechanics and Repairers, 7234:Bicycle and Related Repairers, 7311:Precision-Instrument Makers and Repairers, 7312:Musical Instrument Makers and Tuners, 7313:Jewellery and Precious Metal Workers, 7314:Potters, Ceramists and Related Workers, 7315:Glass Makers, Cutters, Grinders And Finishers, 7316:Sign Writers, Decorative Painters, Engravers And Etchers, 7317:Handicraft Workers In Wood, Basketry And Related Materials, 7318:Handicraft Workers In Textile, Leather And Related Materials, 7319:Other Handicraft Workers, 7321:Pre-Press Technicians, 7322:PRINTERS, 7323:PRINT FINISHING AND BINDING WORKERS, 7411:Building and Related Electricians, 7412:Electrical Machinery and Equipments Mechanics And Fitters, 7413:Electrical Line Installers and Repairers, 7421:Electronics Mechanics And Servicers, 7422:Information and Communications Technology Installers And Servicers, 7511:Butchers, Fishmongers And Related Food Preparers, 7512:Bakers, Pastry-Cooks and Confectionery Makers, 7513:DAIRY PRODUCTS MAKERS, 7514:Fruit, Nuts, Vegetable And Related Preservers, 7515:Food and Beverage Tasters And Graders, 7516:TOBACCO PREPARERS AND TOBACCO PRODUCTS, 7517:Brewers, Distillers and Related Workers, 7521:Wood Treaters, 7522:Cabinet-Makers And Related Workers, 7523:Woodworking-Machine Tool Setters And Operators, 7531:Tailors, Dressmakers, Furriers And Hatters, 7532:Garment and Related Patternmakers And Cutters, 7533:Sewing Embroidery and Related Workers, 7534:Upholsterers and Related Workers, 7535:Pelt Dressers, Tanners And Fellmongers, 7536:Shoemakers And Related Workers, 7541:Underwater Divers, 7542:Shotfirers and Blasters, 7543:Product Graders And Testers (Excluding Foods and Beverages), 7544:Fumigators and Other Pest And Weed Controllers, 7545:Other Craft Workers, 8111:Miners, Drillers and Quarries, 8112:Mineral and Stone Processing Plant Operators, 8113:Well Drillers And Boreers And Related Workers, 8114:Clay, Cement, Stone And Other Mineral Products Machine Operators, 8121:Metal Processing Plant Operators, 8122:Metal Finishing, Plating and Coating Machine Operators, 8131:Chemical Products Plant And Machine Operators, 8132:Photographic Products Machine Operators, 8141:Rubber Products Machine Operators, 8142:Plastic Products Machine Operators, 8143:Paper Products Machine Operators, 8151:Fibre Preparing, Spinning And Winding Machine Operators, 8152:Weaving And Knitting Machine Operators, 8153:Sewing Machine Operators, 8154:Bleaching, Dyeing and Fabric Cleaning Machine Operators, 8155:Fur And Leather Preparing Machine Operators, 8156:Shoemaking And Related Machine Operators, 8157:Laundry Machine Operators, 8158:Other Textile, Fur And Leather Products Machine Operators, 8160:Food And Related Products Machine Operators, 8171:Pulp And Papermaking Plant Operators, 8172:Wood Processing Plant Operators, 8181:Glass and Ceramics Plant Operators, 8182:Steam Engine and Boiler Operators, 8183:Packing, Bottling and Labelling Machine Operators, 8184:Silicon chips splice cables and rope making machine operators, 8211:Mechanical Machinery Assemblers, 8212:Electrical And Electronic Equipment Assemblers, 8213:Other 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Labourers, 9331:Hand and Pedal Vehicle Drivers, 9332:Drivers of Animal-drawn Vehicles and Machinery, 9333:Freight Handlers, 9334:Shelf Fillers, 9411:Fast-Food Preparers, 9412:Kitchen Helpers, 9510:Street and Related Service Workers, 9520:Street Vendors (Excluding Food), 9611:Garbage and Recycling Collectors, 9612:Refuse Sorters, 9613:Sweepers And Related Labourers, 9621:Messengers, Package Deliverers and Luggage Porters, 9622:Odd Job Persons, 9623:Vending-Machine Collectors, 9624:Water And Firewood Collectors, 9625:Other Elementary Workers

- [18] **b21\_1: B21\_1:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Section ( E.g.. CARGO HANDLING, EVENT CATERING, BOOK PUBLISHING, RAISING OF POULTRY, MIXED FARMING, WEAVING OF TEXTILE, CONSTRUCTION OF BUILDING, SALE OF MOTOR VEHICLES, RETAIL SALE OF BOOKS IN A SPECIALIZED STORE, HOSPITAL ACTIVITIES, FOREIGN AFFAIRS, GENERAL CLEANING ACTIVITIES, TOUR OPERATOR, HAIR DRESSING ETC)**

Categories: 1:A \_ Agriculture, Forestry and Fishing, 2:B \_ Mining and Quarrying, 3:C \_ Manufacturing, 4:D \_ Electricity, Gas, Steam and Air Conditioning Supply, 5:E \_ Water Supply; Sewerage, Waste Management and Remediation Activities, 6:F \_ Construction, 7:G \_ Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles, 8:H \_ Transportation and Storage, 9:I \_ Accommodation and Food Service Activities, 10:J \_ Information and Communication, 11:K \_ Financial and Insurance Activities, 12:L \_ Real Estate Activities, 13:M \_ Professional, Scientific and Technical Activities, 14:N \_ Administrative and Support Service Activities, 15:O \_ Public Administration and Defence; Compulsory Social Security, 16:P \_ Education, 17:Q \_ Human Health and Social Work Activities, 18:R \_ Arts, Entertainment and Recreation, 19:S \_ Other Service Activities, 20:T \_ Activities of Households As Employers; Undifferentiated Goods- and Services-Producing Activities of Households for Own Use, 21:U \_ Activities of Extraterritorial Organizations and Bodies

- [19] **b21\_2: B21\_2:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC SECTION ( E.g.. CARGO HANDLING, EVENT CATERING, BOOK PUBLISHING, RAISING OF POULTRY, MIXED FARMING, WEAVING OF TEXTILE, CONSTRUCTION OF BUILDING, SALE OF MOTOR VEHICLES, RETAIL SALE OF BOOKS IN A SPECIALIZED STORE, HOSPITAL ACTIVITIES, FOREIGN AFFAIRS, GENERAL CLEANING ACTIVITIES, TOUR OPERATOR, HAIR DRESSING ETC)**

Categories: 1:A \_ Agriculture, Forestry and Fishing, 2:B \_ Mining and Quarrying, 3:C \_ Manufacturing, 4:D \_ Electricity, Gas, Steam and Air Conditioning Supply, 5:E \_ Water Supply; Sewerage, Waste Management and Remediation Activities, 6:F \_ Construction, 7:G \_ Wholesale and Retail Trade; Repair of Motor Vehicles and Motorcycles, 8:H \_ Transportation and Storage, 9:I \_ Accommodation and Food Service Activities, 10:J \_ Information and Communication, 11:K \_ Financial and Insurance Activities, 12:L \_ Real Estate Activities, 13:M \_ Professional, Scientific and Technical Activities, 14:N \_ Administrative and Support Service Activities, 15:O \_ Public Administration and Defence; Compulsory Social Security, 16:P \_ Education, 17:Q \_ Human Health and Social Work Activities, 18:R \_ Arts, Entertainment and Recreation, 19:S \_ Other Service Activities, 20:T \_ Activities of Households As Employers; Undifferentiated Goods- and Services-Producing Activities of Households for Own Use, 21:U \_ Activities of Extraterritorial Organizations and Bodies

- [20] **b21\_1a: B21\_1a:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Division**

Categories: 1:Crop and animal production, hunting and related service activities, 2:Forestry and logging, 3:Fishing and Aquaculture, 5:Mining of coal and lignite, 6:Extraction of crude petroleum and natural gas, 7: Mining of metal ores, 8:Other mining and quarrying, 9:Mining support service activities, 10:Manufacture of food products, 11:Manufacture of beverages, 12:Manufacture of tobacco products, 13:Manufacture of textiles, 14:Manufacture of wearing apparel, 15:Manufacture of leather and related products, 16:Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, 17:Manufacture of paper and paper products, 18:Printing and reproduction of recorded media, 19:Manufacture of coke and refined petroleum products, 20:Manufacture of chemicals and chemical products, 21:Manufacture of basic pharmaceutical products and pharmaceutical preparations, 22:Manufacture of rubber and plastics products, 23:Manufacture of other non-metallic mineral products, 24:Manufacture of basic metals, 25:Manufacture of fabricated metal products, except machinery and equipment, 26:Manufacture of computer, electronic and optical products, 27:Manufacture of electrical equipment, 28:Manufacture of machinery and equipment n.e.c., 29:Manufacture of motor vehicles, trailers and semi-trailers, 30:Manufacture of other transport equipment, 31:Manufacture of furniture, 32:Other manufacturing, 33:Repair and installation of machinery and equipment, 35:Electricity, gas, steam and air conditioning supply, 36:Water collection, treatment and supply, 37:Sewerage, 38:Waste collection, treatment and disposal activities; materials recovery, 39:Remediation activities and other waste management services, 41:Construction of buildings, 42: Civil engineering, 43:Specialized construction activities, 45:Wholesale and retail trade and repair of motor vehicles and motorcycles, 46:Wholesale trade, except of motor vehicles and motorcycles, 47:Retail trade, except of motor vehicles and motorcycles, 49:Land transport and transport via pipelines, 50:Water transport, 51:Air transport, 52:Warehousing and support activities for transportation, 53:Postal and courier activities, 55:Accommodation, 56:Food and beverage service activities, 58:Publishing activities, 59:Motion picture, video and television programme production, sound recording and music publishing activities, 60:Programming and broadcasting activities, 61:Telecommunications, 62:Computer programming, consultancy and related activities, 63:Information service activities, 64:Financial service activities, except insurance and pension funding, 65:Insurance, reinsurance and pension funding, except compulsory social security, 66:Activities auxiliary to financial service and insurance activities, 68:Real estate activities, 69:Legal and accounting activities, 70:Activities of head offices; management consultancy activities, 71:Architectural and engineering activities; technical testing and analysis, 72:Scientific research and development, 73:Advertising and market research, 74:Other professional, scientific and technical activities, 75:Veterinary activities, 77:Rental and leasing activities, 78:Employment activities, 79:Travel agency, tour operator, reservation service and related activities, 80:Security and investigation activities, 81:Services to buildings and landscape activities, 82:Office administrative, office support and other business support activities, 84:Public administration and defence; compulsory social security, 85:Education, 86:Human health activities, 87:Residential care activities, 88:Social work activities without accommodation, 90:Creative, arts and entertainment activities, 91:Libraries, archives, museums and other cultural activities, 92:Gambling and betting activities, 93:Sports activities and amusement and recreation activities, 94:Activities of membership organizations, 95:Repair of computers and personal and household goods, 96:Other personal service activities, 97:Activities of households as employers of domestic personnel, 98:Undifferentiated goods- and services-producing activities of private households for own use, 99:Activities of extraterritorial organizations and bodies

- [21] **b21\_2a: B21\_2a:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Division**

Categories: 1:Crop and animal production, hunting and related service activities, 2:Forestry and logging, 3:Fishing and Aquaculture, 5:Mining of coal and lignite, 6:Extraction of crude petroleum and natural gas, 7: Mining of metal ores, 8:Other mining and quarrying, 9:Mining support service activities, 10:Manufacture of food products, 11:Manufacture of beverages, 12:Manufacture of tobacco products, 13:Manufacture of textiles, 14:Manufacture of wearing apparel, 15:Manufacture of leather and related products, 16:Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, 17:Manufacture of paper and paper products, 18:Printing and reproduction of recorded media, 19:Manufacture of coke and refined petroleum products, 20:Manufacture of chemicals and chemical products, 21:Manufacture of basic pharmaceutical products and pharmaceutical preparations, 22:Manufacture of rubber and plastics products, 23:Manufacture of other non-metallic mineral products, 24:Manufacture of basic metals, 25:Manufacture of fabricated metal products, except machinery and equipment, 26:Manufacture of computer, electronic and optical products, 27:Manufacture of electrical equipment, 28:Manufacture of machinery and equipment n.e.c., 29:Manufacture of motor vehicles, trailers and semi-trailers, 30:Manufacture of other transport equipment, 31:Manufacture of furniture, 32:Other manufacturing, 33:Repair and installation of machinery and equipment, 35:Electricity, gas, steam and air conditioning supply, 36:Water collection, treatment and supply, 37:Sewerage, 38:Waste collection, treatment and disposal activities; materials recovery, 39:Remediation activities and other waste management services, 41:Construction of buildings, 42: Civil engineering, 43:Specialized construction activities, 45:Wholesale and retail trade and repair of motor vehicles and motorcycles, 46:Wholesale trade, except of motor vehicles and motorcycles, 47:Retail trade, except of motor vehicles and motorcycles, 49:Land transport and transport via pipelines, 50:Water transport, 51:Air transport, 52:Warehousing and support activities for transportation, 53:Postal and courier activities, 55:Accommodation, 56:Food and beverage service activities, 58:Publishing activities, 59:Motion picture, video and television programme production, sound recording and music publishing activities, 60:Programming and broadcasting activities, 61:Telecommunications, 62:Computer programming, consultancy and related activities, 63:Information service activities, 64:Financial service activities, except insurance and pension funding, 65:Insurance, reinsurance and pension funding, except compulsory social security, 66:Activities auxiliary to financial service and insurance activities, 68:Real estate activities, 69:Legal and accounting activities, 70:Activities of head offices; management consultancy activities, 71:Architectural and engineering activities; technical testing and analysis, 72:Scientific research and development, 73:Advertising and market research, 74:Other professional, scientific and technical activities, 75:Veterinary activities, 77:Rental and leasing activities, 78:Employment activities, 79:Travel agency, tour operator, reservation service and related activities, 80:Security and investigation activities, 81:Services to buildings and landscape activities, 82:Office administrative, office support and other business support activities, 84:Public administration and defence; compulsory social security, 85:Education, 86:Human health activities, 87:Residential care activities, 88:Social work activities without accommodation, 90:Creative, arts and entertainment activities, 91:Libraries, archives, museums and other cultural activities, 92:Gambling and betting activities, 93:Sports activities and amusement and recreation activities, 94:Activities of membership organizations, 95:Repair of computers and personal and household goods, 96:Other personal service activities, 97:Activities of households as employers of domestic personnel, 98:Undifferentiated goods- and services-producing activities of private households for own use, 99:Activities of extraterritorial organizations and bodies

[22] **b21\_1b: B21\_1b:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Group**

Categories: 11:Growing of non-perennial crops, 12:Growing of perennial crops, 13:Plant propagation, 14:Animal production, 15:Mixed farming, 16:Support activities to agriculture and post-harvest crop activities, 17:Hunting, trapping and related service activities, 21:Silviculture and other forestry activities, 22:Logging, 23:Gathering of non-wood forest products, 24:support services to forestry, 31:Fishing, 32:Aquaculture, 51:Mining of hard coal, 52:Mining of lignite, 61:Extraction of crude petroleum, 62:Extraction of natural gas, 71:Mining of iron ores, 72:Mining of non-ferrous metal ores, 81:Quarrying of stone, sand and clay, 89:Mining and quarrying n.e.c., 91:Support activities for petroleum and natural gas extraction, 99:Support activities for other mining and quarrying, 101:Processing and preserving of meat, 102:Processing and preserving of fish, crustaceans and molluscs, 103:Processing and preserving of fruit and vegetables, 104:Manufacture of vegetable and animal oils and fats, 105:Manufacture of dairy products, 106:Manufacture of grain mill products, starches and starch products, 107:Manufacture of other food products, 108:Manufacture of prepared animal feeds, 110:Manufacture of beverages, 120:Manufacture of tobacco products, 131:Spinning, weaving and finishing of textiles, 139:Manufacture of other textiles, 141:Manufacture of wearing apparel, except fur apparel, 142:Manufacture of articles of fur, 143:Manufacture of knitted and crocheted apparel, 151:Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur, 152:Manufacture of footwear, 161:Sawmilling and planing of wood, 162:Manufacture of products of wood, cork, straw and plaiting materials, 170:Manufacture of paper and paper products, 181:Printing and service activities related to printing, 182:Reproduction of recorded media, 191:Manufacture of coke oven products, 192:Manufacture of refined petroleum products, 201:Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms, 202:Manufacture of other chemical products, 203:Manufacture of man-made fibres, 210:Manufacture of pharmaceuticals, medicinal chemical and botanical products, 221:Manufacture of rubber products, 222:Manufacture of plastics products, 231:Manufacture of glass and glass products, 239:Manufacture of non-metallic mineral products n.e.c., 241:Manufacture of basic iron and steel, 242:Manufacture of basic precious and other non-ferrous metals, 243:Casting of metals, 251:Manufacture of structural metal products, tanks, reservoirs and steam generators, 252:Manufacture of weapons and ammunition, 259:Manufacture of other fabricated metal products; metalworking service activities, 261:Manufacture of electronic components and boards, 262:Manufacture of computers and peripheral equipment, 263:Manufacture of communication equipment, 264:Manufacture of consumer electronics, 265:Manufacture of measuring, testing, navigating and control equipment; watches and clocks, 266:Manufacture of irradiation, electromedical and electrotherapeutic equipment, 267:Manufacture of optical instruments and photographic equipment, 268:Manufacture of magnetic and optical media, 271:Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus, 272:Manufacture of batteries and accumulators, 273:Manufacture of wiring and wiring devices, 274:Manufacture of electric lighting equipment, 275:Manufacture of domestic appliances, 279:Manufacture of other electrical equipment, 281:Manufacture of general-purpose machinery, 282:Processing and preservation of fruit food products and juices including concentrates, 291:Manufacture of motor vehicles, 292:Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers, 293:Manufacture of parts and accessories for motor vehicles, 301:Building of ships and boats, 302:Manufacture of railway locomotives and rolling stock, 303:Manufacture of air and spacecraft and related machinery, 304:Manufacture of military fighting vehicles, 309:Manufacture of transport equipment n.e.c., 310:Manufacture of furniture, 321:Manufacture of jewellery, bijouterie and related articles, 322:Manufacture of musical instruments, 323:Manufacture of sports goods, 324:Manufacture of games and toys, 325:Manufacture of medical and dental instruments and supplies, 329:Other manufacturing n.e.c., 331:Repair of fabricated metal products, machinery and equipment, 332:Installation of industrial machinery and equipment, 351:Electric power generation, transmission and distribution, 352:Manufacture of gas; distribution of gaseous fuels through mains, 353:Steam and air conditioning supply, 360:Water collection, treatment and supply, 370:Sewerage, 381:Waste collection, 382:Waste treatment and disposal, 383:Materials recovery, 390:Remediation activities and other waste management services, 410:Construction of buildings, 421:Construction of roads and railways, 422:Construction of utility projects, 429:Construction of other civil engineering projects, 431:Demolition and site preparation, 432:Electrical, plumbing and other construction installation activities, 433:Building completion and finishing, 439:Other specialized construction activities, 451: Sale of motor vehicles, 452: Maintenance and repair of motor vehicles, 453: Sale of motor vehicle parts and accessories, 454: Sale, maintenance and repair of motorcycles and related parts and accessories, 461: Wholesale on a fee or contract basis, 462: Wholesale of agricultural raw materials and live animals, 463: Wholesale of food, beverages and tobacco, 464: Wholesale of household goods, 465: Wholesale of machinery, equipment and supplies, 466: Other specialized wholesale, 471: Retail sale in non-specialized stores, 472: Retail sale of food, beverages and tobacco in specialized stores, 473: Retail sale of automotive fuel in specialized stores, 474: Retail sale of information and communications equipment in specialized stores, 475: Retail sale of other household equipment in specialized stores, 476: Retail sale of cultural and recreation goods in specialized stores, 477: Retail sale of other goods in specialized stores, 478: Retail sale via stalls and markets, 479: Retail trade not in stores, stalls or markets, 491:Transport via railways, 492:Other land transport, 493:Transport via pipeline, 501:Sea and coastal water transport, 502:Inland water transport, 511:Passenger air transport, 512:Freight air transport, 521:Warehousing and storage, 522:Support activities for transportation, 532:Courier activities, 551:Short term accommodation activities, 552:Camping grounds, recreational vehicle parks and trailer parks, 553:Student residences/hostels, 559:Other accommodation, 561:Restaurants and mobile food service activities, 562:Event catering and other food service activities, 563:Beverage serving activities, 581:Publishing of books, periodicals and other publishing activities, 582:Software publishing, 591:Motion picture, video and television programme activities, 592:Sound recording and music publishing activities, 601:Radio broadcasting, 602:Television programming and broadcasting activities, 611:Wired telecommunications activities, 612:Wireless telecommunications activities, 613:Satellite telecommunications activities, 619:Other telecommunications activities, 620:Computer programming, consultancy and related activities, 631:Data processing, hosting and related activities; web portals, 639:Other information service activities, 641:Monetary intermediation, 642:Activities of holding companies, 643:Trusts, funds and similar financial entities, 649:Other financial service activities, except insurance and pension funding activities, 651:Insurance, 652:Reinsurance, 653:Pension funding, 661:Activities auxiliary to financial service activities, except insurance and pension funding, 662:Activities auxiliary to insurance and pension funding, 663:Fund management activities, 681:Real estate activities with own or leased property, 682:Real estate activities on a fee or contract basis, 691:Legal activities, 692:Accounting, bookkeeping and auditing activities; tax consultancy, 701:Activities of head offices, 702:Management consultancy activities, 711:Architectural and engineering activities and related technical consultancy, 712:Technical testing and analysis, 721:Research and experimental development on natural sciences and engineering, 722:Research and experimental development on social sciences and humanities, 731:Advertising, 732:Market research and public opinion polling, 741:Specialized design activities, 742:Photographic activities, 749:Other professional, scientific and technical activities n.e.c., 750:Veterinary activities, 771:Renting and leasing of motor vehicles, 772:Renting and leasing of personal and household goods, 773:Renting and leasing of other machinery, equipment and tangible goods, 774:Leasing of intellectual property and similar products, except copyrighted works, 781:Activities of employment placement agencies, 782:Temporary employment agency activities, 783:Other human resources provision, 791:Travel agency and tour operator activities, 799:Other reservation service and related activities, 801:Private security activities, 802:Security systems service activities, 803:Investigation activities, 811:Combined facilities support activities, 812:Cleaning activities, 813:Landscape care and maintenance service activities, 821:Office administrative and support activities, 822:Activities of call centres, 823:Organization of conventions and trade shows, 829:Business support service activities n.e.c., 841:Administration of the State and the economic and social policy of the community, 842:Provision of services to the community as a whole, 843:Compulsory social security activities, 851:Pre-primary and primary education, 852:Secondary education, 853:Higher education, 854:Other education, 855:Educational support activities, 861:Hospital activities, 862:Medical and dental practice activities, 869:Other human health activities, 871:Residential nursing care facilities, 872:Residential care activities for mental retardation, mental health and substance abuse, 873:Residential care activities for the elderly and disabled, 879:Other residential care activities, 881:Social work activities without accommodation for the elderly and disabled, 889:Other social work activities without accommodation, 910:Libraries, archives, museums and other cultural activities, 920:Gambling and betting activities, 931:Sports activities, 932:Other amusement and recreation activities, 941:Activities of business, employers and professional membership organizations, 942:Activities of trade unions, 949:Activities of other membership organizations, 951:Repair of computers and communication equipment, 952:Repair of personal and household goods, 960:Other personal service activities, 970:Activities of households as employers of domestic personnel, 981:Undifferentiated goods-producing activities of private households for own use, 982:Undifferentiated service-producing activities of private households for own use, 990:Activities of extraterritorial organizations and bodies

[23] **b21\_2b: B21\_2b:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC Group**

Categories: 11:Growing of non-perennial crops, 12:Growing of perennial crops, 13:Plant propagation, 14:Animal production, 15:Mixed farming, 16:Support activities to agriculture and post-harvest crop activities, 17:Hunting, trapping and related service activities, 21:Silviculture and other forestry activities, 22:Logging, 23:Gathering of non-wood forest products, 24:support services to forestry, 31:Fishing, 32:Aquaculture, 51:Mining of hard coal, 52:Mining of lignite, 61:Extraction of crude petroleum, 62:Extraction of natural gas, 71:Mining of iron ores, 72:Mining of non-ferrous metal ores, 81:Quarrying of stone, sand and clay, 89:Mining and quarrying n.e.c., 91:Support activities for petroleum and natural gas extraction, 99:Support activities for other mining and quarrying, 101:Processing and preserving of meat, 102:Processing and preserving of fish, crustaceans and molluscs, 103:Processing and preserving of fruit and vegetables, 104:Manufacture of vegetable and animal oils and fats, 105:Manufacture of dairy products, 106:Manufacture of grain mill products, starches and starch products, 107:Manufacture of other food products, 108:Manufacture of prepared animal feeds, 110:Manufacture of beverages, 120:Manufacture of tobacco products, 131:Spinning,



weaving and finishing of textiles, 139:Manufacture of other textiles, 141:Manufacture of wearing apparel, except fur apparel, 142:Manufacture of articles of fur, 143:Manufacture of knitted and crocheted apparel, 151:Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur, 152:Manufacture of footwear, 161:Sawmilling and planing of wood, 162:Manufacture of products of wood, cork, straw and plaiting materials, 170:Manufacture of paper and paper products, 181:Printing and service activities related to printing, 182:Reproduction of recorded media, 191:Manufacture of coke oven products, 192:Manufacture of refined petroleum products, 201:Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms, 202:Manufacture of other chemical products, 203:Manufacture of man-made fibres, 210:Manufacture of pharmaceuticals, medicinal chemical and botanical products, 221:Manufacture of rubber products, 222:Manufacture of plastics products, 231:Manufacture of glass and glass products, 239:Manufacture of non-metallic mineral products n.e.c., 241:Manufacture of basic iron and steel, 242:Manufacture of basic precious and other non-ferrous metals, 243:Casting of metals, 251:Manufacture of structural metal products, tanks, reservoirs and steam generators, 252:Manufacture of weapons and ammunition, 259:Manufacture of other fabricated metal products; metalworking service activities, 261:Manufacture of electronic components and boards, 262:Manufacture of computers and peripheral equipment, 263:Manufacture of communication equipment, 264:Manufacture of consumer electronics, 265:Manufacture of measuring, testing, navigating and control equipment; watches and clocks, 266:Manufacture of irradiation, electromedical and electrotherapeutic equipment, 267:Manufacture of optical instruments and photographic equipment, 268:Manufacture of magnetic and optical media, 271:Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus, 272:Manufacture of batteries and accumulators, 273:Manufacture of wiring and wiring devices, 274:Manufacture of electric lighting equipment, 275:Manufacture of domestic appliances, 279:Manufacture of other electrical equipment, 281:Manufacture of general-purpose machinery, 282:Processing and preservation of fruit food products and juices including concentrates, 291:Manufacture of motor vehicles, 292:Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers, 293:Manufacture of parts and accessories for motor vehicles, 301:Building of ships and boats, 302:Manufacture of railway locomotives and rolling stock, 303:Manufacture of air and spacecraft and related machinery, 304:Manufacture of military fighting vehicles, 309:Manufacture of transport equipment n.e.c., 310:Manufacture of furniture, 321:Manufacture of jewellery, bijouterie and related articles, 322:Manufacture of musical instruments, 323:Manufacture of sports goods, 324:Manufacture of games and toys, 325:Manufacture of medical and dental instruments and supplies, 329:Other manufacturing n.e.c., 331:Repair of fabricated metal products, machinery and equipment, 332:Installation of industrial machinery and equipment, 351:Electric power generation, transmission and distribution, 352:Manufacture of gas; distribution of gaseous fuels through mains, 353:Steam and air conditioning supply, 360:Water collection, treatment and supply, 370:Sewerage, 381:Waste collection, 382:Waste treatment and disposal, 383:Materials recovery, 390:Remediation activities and other waste management services, 410:Construction of buildings, 421:Construction of roads and railways, 422:Construction of utility projects, 429:Construction of other civil engineering projects, 431:Demolition and site preparation, 432:Electrical, plumbing and other construction installation activities, 433:Building completion and finishing, 439:Other specialized construction activities, 451: Sale of motor vehicles, 452: Maintenance and repair of motor vehicles, 453: Sale of motor vehicle parts and accessories, 454: Sale, maintenance and repair of motorcycles and related parts and accessories, 461: Wholesale on a fee or contract basis, 462: Wholesale of agricultural raw materials and live animals, 463: Wholesale of food, beverages and tobacco, 464: Wholesale of household goods, 465: Wholesale of machinery, equipment and supplies, 466: Other specialized wholesale, 471: Retail sale in non-specialized stores, 472: Retail sale of food, beverages and tobacco in specialized stores, 473: Retail sale of automotive fuel in specialized stores, 474: Retail sale of information and communications equipment in specialized stores, 475: Retail sale of other household equipment in specialized stores, 476: Retail sale of cultural and recreation goods in specialized stores, 477: Retail sale of other goods in specialized stores, 478: Retail sale via stalls and markets, 479: Retail trade not in stores, stalls or markets, 491:Transport via railways, 492:Other land transport, 493:Transport via pipeline, 501:Sea and coastal water transport, 502:Inland water transport, 511:Passenger air transport, 512:Freight air transport, 521:Warehousing and storage, 522:Support activities for transportation, 532:Courier activities, 551:Short term accommodation activities, 552:Camping grounds, recreational vehicle parks and trailer parks, 553:Student residences/hostels, 559:Other accommodation, 561:Restaurants and mobile food service activities, 562:Event catering and other food service activities, 563:Beverage serving activities, 581:Publishing of books, periodicals and other publishing activities, 582:Software publishing, 591:Motion picture, video and television programme activities, 592:Sound recording and music publishing activities, 601:Radio broadcasting, 602:Television programming and broadcasting activities, 611:Wired telecommunications activities, 612:Wireless telecommunications activities, 613:Satellite telecommunications activities, 619:Other telecommunications activities, 620:Computer programming, consultancy and related activities, 631:Data processing, hosting and related activities; web portals, 639:Other information service activities, 641:Monetary intermediation, 642:Activities of holding companies, 643:Trusts, funds and similar financial entities, 649:Other financial service activities, except insurance and pension funding activities, 651:Insurance, 652:Reinsurance, 653:Pension funding, 661:Activities auxiliary to financial service activities, except insurance and pension funding, 662:Activities auxiliary to insurance and pension funding, 663:Fund management activities, 681:Real estate activities with own or leased property, 682:Real estate activities on a fee or contract basis, 691:Legal activities, 692:Accounting, bookkeeping and auditing activities; tax consultancy, 701:Activities of head offices, 702:Management consultancy activities, 711:Architectural and engineering activities and related technical consultancy, 712:Technical testing and analysis, 721:Research and experimental development on natural sciences and engineering, 722:Research and experimental development on social sciences and humanities, 731:Advertising, 732:Market research and public opinion polling, 741:Specialized design activities, 742:Photographic activities, 749:Other professional, scientific and technical activities n.e.c., 750:Veterinary activities, 771:Renting and leasing of motor vehicles, 772:Renting and leasing of personal and household goods, 773:Renting and leasing of other machinery, equipment and tangible goods, 774:Leasing of intellectual property and similar products, except copyrighted works, 781:Activities of employment placement agencies, 782:Temporary employment agency activities, 783:Other human resources provision, 791:Travel agency and tour operator activities, 799:Other reservation service and related activities, 801:Private security activities, 802:Security systems service activities, 803:Investigation activities, 811:Combined facilities support activities, 812:Cleaning activities, 813:Landscape care and maintenance service activities, 821:Office administrative and support activities, 822:Activities of call centres, 823:Organization of conventions and trade shows, 829:Business support service activities n.e.c., 841:Administration of the State and the economic and social policy of the community, 842:Provision of services to the community as a whole, 843:Compulsory social security activities, 851:Pre-primary and primary education, 852:Secondary education, 853:Higher education, 854:Other education, 855:Educational support activities, 861:Hospital activities, 862:Medical and dental practice activities, 869:Other human health activities, 871:Residential nursing care facilities, 872:Residential care activities for mental retardation, mental health and substance abuse, 873:Residential care activities for the elderly and disabled, 879:Other residential care activities, 881:Social work activities without accommodation for the elderly and disabled, 889:Other social work activities without accommodation, 910:Libraries, archives, museums and other cultural activities, 920:Gambling and betting activities, 931:Sports activities, 932:Other amusement and recreation activities, 941:Activities of business, employers and professional membership organizations, 942:Activities of trade unions, 949:Activities of other membership organizations, 951:Repair of computers and communication equipment, 952:Repair of personal and household goods, 960:Other personal service activities, 970:Activities of households as employers of domestic personnel, 981:Undifferentiated goods-producing activities of private households for own use, 982:Undifferentiated service-producing activities of private households for own use, 990:Activities of extraterritorial organizations and bodies

[24] **b21\_1c: B21\_1c:What kind of economic activity is [%rostoretitle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC SubClass1**

Categories: 11000:Mixed cropping of Non-Perennial Crops, 11111:Growing of maize, 11112:Growing of wheat, 11113:Growing of sorghum, 11114:Growing of Millet, 11115:Growing of Barley, 11116:Growing of mixed cereals, 11117:Growing of cereal seeds, 11119:Growing of Other cereals, 11121:Growing of Beans, 11122:Growing of Green grams, 11123:Growing of Cow peas, 11124:Growing of Dolichos, 11125:Growing of Green peas, 11126:Growing of french beans, 11127:Growing of mixed leguminous crops, 11128:Growing of leguminous crop seeds, 11129:Growing of Other leguminous crops, 11131:Growing of groundnuts, 11132:Growing of sunflower seed, 11133:Growing of sesame seed, 11134:Growing of soya beans, 11135:Growing of mixed oil seeds, 11139:Growing of other oil seeds, 11201:Growing of rice, 11202:Growing of rice seeds, 11311:Growing of Cabbages, 11312:Growing of Spinach, 11313:Growing of cauliflower and broccoli, 11314:Growing of basil, 11315:Growing of snowpeas, 11316:Growing of kale, 11317:Growing of indigenous leafy or stem vegetables( eg sucha,managu, etc), 11318:Growing of leafy or stem vegetables seeds, 11319:Growing of other leafy or stem vegetables, 11321:Growing of tomatoes, 11322:Growing of cucumbers and gherkins, 11323:Growing of Watermelon, 11324:Growing of eggplants, 11325:Growing of mixed fruit bearing vegetables, 11326:Growing of fruit bearing vegetables seeds, 11329:Growing of other fruit bearing vegetables, 11330:Growing of mixed leafy or stem and fruit bearing vegetables, 11341:Growing of carrots, 11342:Growing of bulb onions, 11343:Growing of leeks, 11344:Growing of garlic, 11345:Growing of root, bulb or tuberous vegetables seeds, 11349:Growing of other root, bulb or tuberous vegetables, 11350:Growing of mushrooms and truffles, 11361:Growing of potatoes, 11362:Growing of cassava, 11363:Growing of sweet potatoes, 11364:Growing of mixed roots and tubers, 11369:Growing of other roots and tubers, 11370:Growing of mixed vegetables, 11400:Growing of sugar cane, 11500:Growing of tobacco, 11601:Growing of cotton, 11602:Growing of cotton seeds, 11609:Growing of other fibre crops(except sisal), 11700:Growing of Sisal, 11911:Growing of fodder crops, 11912:Growing of fodder crops seeds, 11921:Growing of flowers, including production of cut flowers and flower buds, 11922:Growing of flowers seeds, 11990:Growing of other non-perennial crops, 12000:Mixed cropping of Perennial Crops, 12100:Growing of grapes, 12201:Growing of bananas, 12202:Growing of mangoes, 12203:Growing of pinapples, 12204:Growing of avocado, 12205:Growing of

pawpaw, 12206:Growing of mixed tropical and subtropical fruits, 12209:Growing of other tropical and subtropical fruits, 12301:Growing of oranges, 12302:Growing of lemons and lime, 12309:Growing of other citrus fruits, 12401:Growing of pears, 12402:Growing of plums, 12409:Growing of other pome fruits and stone fruits, 12511:Growing of blue berries, 12512:Growing of strawberries, 12519:Growing of other berries, 12520:Growing of fruit seeds, 12531:Growing of macademia, 12532:Growing of cashewnuts, 12539:Growing of other nuts, 12540:Growing of other tree and bush fruits, 12601:Growing of coconut, 12609:Growing of other oleaginous fruits, 12710:Growing of coffee, 12720:Growing of tea, 12790:Growing of other beverage crops, 12811:Growing of chillies, 12812:Growing of capsicum, 12813:Growing of ginger, 12819:Other spices and aromatic crops, 12820:Growing of drug and pharmaceutical crops except pyrethrum, 12830:Growing of Pyrethrum, 12910:Growing of Khat "Miraa", 12990:Growing of other perennial crops, 13010:Operation of tree nurseries, except forest tree nurseries, 13020:Growing of plants for planting, 13030:Mixed plant propagation, 13090:Other plant propagation, 14000:Mixed animal farming, 14110:Raising and breeding of cattle, 14120:Production of raw cow milk from cows, 14130:Production of bovine semen, 14200:Raising of horses and other equines, 14310:Raising of camels, 14320:Production of camel milk, 14410:Raising and breeding of goats, 14420:Raising and breeding of sheep, 14430:Production of raw goat milk, 14440:Production of raw wool, 14500:Raising of swine/pigs, 14611:Raising and breeding of chicken, 14619:Raising and breeding of other poultry, 14621:Production of chicken eggs, 14629:Production of other poultry eggs, 14631:Operation of chicken hatcheries, 14639:Operation of other poultry hatcheries, 14700:Bee-keeping and production of honey and beeswax, 14910:Raising of silk worms, production of silk worm cocoons, 14921:Raising and breeding of ostriches and emus, 14922:Raising and breeding of other birds except poultry, 14923:Raising and breeding of Rabbits and other fur animals, 14931:Raising and breeding of dogs, 14939:Raising and breeding of other pet animals, 14990:Raising of other animals, 15000:Mixed farming, 16111:Preparation of fields, 16112:Establishing a crop, 16113:Crop spraying, including by air, 16114:Harvesting, 16119:Other agricultural activities on a fee or contract basis, 16120:Provision of agricultural machinery with operators and crew, 16190:Other support activities for crop production, 16211:Activities related to artificial insemination, 16212:Sheep shearing, 16219:Other Other agricultural activities on a fee or contract basis, 16290:Other support activities for animal production, 16310:Preparation of crops for primary markets, i.e. cleaning, trimming, grading, disinfecting, 16320:Cotton ginning, 16330:Preparation of tobacco leaves, 16340:Waxing of fruit, 16350:Sun-drying of fruit and vegetables, 16390:Other Post-harvest crop activities, 16400:Seed processing for propagation, 17000:Hunting, trapping and related service activities, 21010:Growing of standing timber: planting, replanting, transplanting, thinning and conserving, 21020:Growing of coppice, pulpwood and firewood, 21030:Operation of forest tree nurseries, 21090:Other silviculture and other forestry activities, 22100:Production of roundwood for forest-based manufacturing industries, 22200:Production of roundwood used in an unprocessed form such as pit-props, fence posts and utility poles, 22300:Gathering and production of fire wood, 22400:Production of charcoal in the forest (using traditional methods), 23000:Gathering of non-wood forest products, 24011:Forestry inventories, 24012:Forest management consulting services, 24013:Timber evaluation, 24014:Forest fire fighting and protection, 24015:Forest pest control, 24021:Transport of logs within the forest, 31110:Fishing on a commercial basis in ocean and coastal waters, 31120:Taking of marine crustaceans and molluscs, 31190:Other marine fishing, 31210:Fishing on a commercial basis in inland waters, 31290:Other freshwater fishing, 32100:Marine aquaculture, 32210:Fish farming in freshwater including farming of freshwater ornamental fish, 32220:Operation of fish hatcheries (freshwater), 32290:Other freshwater aquaculture, 51000:Mining of hard coal, 52000:Mining of lignite, 61000:Extraction of crude petroleum, 62100:Extraction of natural gas, 62200:Extraction of carbon dioxide, 71000:Mining of iron ores, 72100:Mining of uranium and thorium ores, 72210:Mining of illmenite, 72220:Mining of rutile, 72230:Mining of zircon, 72300:Mining of manganese ore, 72400:Mining of gold, 72900:Mining of other non-ferrous metal ores, 81011:Quarrying of stone, 81012:Quarrying of monumental stone (mazaras, granite eg galena stone, machakos silver stone, quartzite, galana stone, etc), 81020:Sand harvesting, 81091:Mining of gypsum and anhydrite, 81092:Breaking and crushing of stone and gravel, 81093:Quarrying, crushing and breaking of limestone, 81094:Mining of clays, refractory clays and kaolin, 81099:Other quarrying such as clay extraction, 89100:Mining of chemical and fertilizer minerals, 89200:Extraction of peat, 89300:Extraction of salt, 89400:Extraction of soda ash, 89500:Extraction of fluospar, 89600:Extraction of crushed refined soda, 89700:Extraction of diatomite, 89800:Extraction of gem stones, 89900:Other mining and quarrying n.e.c., 91011:Test drilling in connection with petroleum or gas extraction, 91012:Oil and gas extraction service activities provided on a fee or contract basis, 91020:Oil and gas field fire fighting services, 99001:Exploration services other than for oil and gas and making geological observations at prospective sites, 99009:Other Support activities for other mining and quarrying, 101010:Processing and preserving of beef and related products, 101020:Processing and preserving of mutton, lamb and related products, 101030:Processing and preserving of pork and related products, 101040:Processing and preserving of chicken and related products, 101050:Processing and preserving of donkey and related products, 101060:Processing and preserving of camel and related products, 101070:Production of hides and skins originating from slaughterhouses, including fellmongery, 101080:Processing of animal offal, 101090:Other processing and preservation of other animal meat products, 102011:Preparation and preserving of fish, Production of fish products, 102012:Preparation and preserving of crustaceans and molluscs, 1020110:Production of fish products, 1020120:Production of crustaceans and molluscs products, 102031:Production of fishmeal for human consumption, 102032:Production of fishmeal for animal feed, 102090:Other processing and preserving of fish, crustaceans and molluscs n.e.c, 103011:Processing and preservation of fruit food products, 103012:Processing of fruit juices including concentrates, 103021:Processing and preservation of vegetable food products, 103022:Processing of vegetable juices including concentrates, 103030:Processing and preserving of potatoes including other tubers and bananas, 103040:Processing of nut foods, 103050:Manufacture of jams, marmalades, table jellies and pastes, 103090:Other processing and preserving of fruit and vegetables, 104001:Manufacture of vegetable oils and fats excluding corn oil, 104009:Manufacture of other vegetable and animal oils and fats n.e.c, 105011:Manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra-heat treated, 105012:Manufacture of milk-based drinks, 105013:Manufacture of dried or concentrated milk whether or not sweetened, 105091:Manufacture of yoghurt, 105092:Manufacture of fermented milk eg mala, 105093:Manufacture of butter, ghee and cheese, 105094:Manufacture of ice cream and other edible ice such as sorbet(non-dairy ice cream), 105099:Manufacture of other dairy products n.e.c, 106111:Maize milling, 106112:Wheat milling, 106113:Rice milling, 106119:Other grain milling n.e.c, 106120:Vegetable milling: production of flour or meal of dried leguminous vegetables, of roots or tubers, or of edible nuts, 106130:Manufacture of cereal breakfast foods, 106190:Manufacture of other grain mill products n.e.c, 106210:Manufacture of glucose, glucose syrup, maltose, inulin etc., 106230:Manufacture of corn oil, 106290:Manufacture of other starches and starch products, 107110:Manufacture of bread and rolls, 107120:Manufacture of fresh pastry, cakes, pies, tarts etc., 107131:Manufacture of biscuits, 107139:Other manufacture of rusks, snack products(cookies, crackers etc), and other "dry" bakery products, 107190:Manufacture of other bakery products, 107210:Manufacture or refining of sugar (sucrose) and sugar substitutes from the juice of cane, 107220:Manufacture of molasses, 107290:Manufacture of other sugar n.e.c eg jaggery, 107311:Manufacture of chocolate and chocolate confectionery, 107312:Manufacture of cocoa products, 107320:Manufacture of sugar confectionery: caramels, cachous, nougats, fondant, white chocolate, 107330:Manufacture of chewing gum, confectionery lozenges and pastilles, 107390:Manufacture of other cocoa, chocolate and sugar confectionery, 107410:Manufacture of pastas such as spaghetti, macaroni and noodles, whether or not cooked or stuffed, 107490:Manufacture of other macaroni, noodles, couscous and similar farinaceous products, 107500:Manufacture of prepared meals and dishes, 107601:Coffee curing including pulping, 107602:Roasting, grinding and blending of coffee, 107609:Manufacturing of other coffee products, 107700:Processing and blending of tea including manufacture of instant tea, 107810:Processing of salt into food-grade salt, e.g. iodized salt, 107820:Manufacture of special foods, such as: infant formula, baby foods, etc., 107830:Manufacture of spices, sauces and condiments, 107910:Processing of soya products n.e.c eg soya meat, 107900:Manufacture of other food products n.e.c., 108011:Manufacture of prepared feeds for pets, including dogs, cats, birds, fish etc., 108012:Manufacture of prepared feeds for farm animals, including animal feed concentrates and feed supplements, 108091:Preparation of unmixed (single) feeds for farm animals, 108092:Treatment of slaughter waste to produce animal feeds, 110110:Manufacture of spirit for production of whisky, brandy, gin, liqueurs., 110120:Manufacture of distilled, potable, alcoholic beverages: whisky, brandy, gin, liqueurs, excluding traditional liquers "mixed drinks" etc., 110190:Other distilling, rectifying and blending of spirits n.e.c excluding white spirits, 110200:Manufacture of wines, 110310:Manufacture of malt, 110320:Manufacture of malt liquors, such as beer, ale, porter and stout, 110390:Other manufacture of malt liquors and malt n.e.c, 110410:Manufacture of sodas including tonic water, 110420:Production of natural mineral waters and other bottled waters, 110430:Manufacture of non-alcoholic flavoured and/or sweetened waters: lemonade, orangeade, fruit drinks ,squashes eg treetop, quencher etc., 110440:Manufacture of non-alcoholic beverages such as energy drinks, except non-alcoholic beer and wine, 110490:Other manufacture of soft drinks; production of mineral waters and other bottled waters, 110910:Manufacture of traditional alcoholic beverages eg muratina, busaa, mnazi etc., 110990:Other manufacture of beverages n.e.c, 120010:Manufacture of tobacco products and products of tobacco substitutes except snuff: cigarettes, cigarette, 120020:Manufacture of snuff, 120090:Other manufacture of tobacco products, 131100:Preparation and spinning of textile fibres, 131200:Weaving of textiles, 131300:Finishing of textiles, 139100:Manufacture of knitted and crocheted fabrics, 139210:Manufacture, of made-up articles of any textile material, including of knitted or crocheted fabrics: blankets, pillows, 139221:Manufacture of tarpaulins and tents, 139229:Manufacture of camping goods, sails, sun blinds, loose covers for cars, machines or, 139290:Manufacture of other made-up textile articles, except apparel, 139300:Manufacture of carpets and rugs, 139410:Manufacture of cordage, rope, twine and netting from synthetic fibre, 139420:Manufacture of cordage, rope, twine and netting from natural fibre, 139910:Manufacture of labels, badges etc., 139920:Manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece., 139990:Manufacture of other textiles n.e.c., 141000:Manufacture of wearing apparel, except fur apparel, 142000:Manufacture of articles of fur, 143000:Manufacture of knitted and crocheted apparel, 151100:Tanning and dressing of leather; dressing and dyeing of fur, 151200:Manufacture of luggage, handbags and the like, saddlery and harness, 152000:Manufacture of footwear except plastic footwear parts., 161010:Sawing, planing and machining of wood ,slicing, peeling or chipping logs, 161020:Impregnation

or chemical treatment of wood with preservatives or other materials, 161090:Other sawmilling and planing of wood, 162101:Manufacture of veneer sheets thin enough to be used for veneering, making plywood or other purposes;, 162102:Manufacture of plywood, veneer panels and similar laminated wood boards and sheets, 162109:Other manufacture of veneer sheets and wood-based panels, 162210:Manufacture of wooden goods intended to be used primarily in the construction industry, 162220:Manufacture of prefabricated buildings, or elements thereof, predominantly of wood, 162290:Other Manufacture of builders' carpentry and joinery, 162300:Manufacture of wooden containers, 162910:Weaving of basket, makuti, pakacha, mat etc., 162920:Manufacture of wooden mirror and picture frames, wooden frames for artists' canvases, wooden clothes hangers etc, including wood carvings., 162990:Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials n.e.c. 170110:Manufacture of bleached, semi-bleached or unbleached paper pulp by mechanical., 170121:Manufacture of paper and paperboard intended for further industrial processing, 170122:Manufacture of newsprint and other printing or writing paper, 170130:Removal of ink and manufacture of pulp from waste paper, 170140:Manufacture of handmade paper, 170190:Other manufacture of pulp, paper and paperboard, 170201:Manufacture of containers of corrugated paper, paperboard and solid board, 170202:Manufacture of corrugated paper, paperboard and solid board, 170203:Manufacture of sacks and bags of paper, 170209:Other manufacture of corrugated paper and paperboard and of containers of paper and paperboard n.e.c. 170911:Manufacture of household and personal hygiene paper and cellulose wadding products, 170912:Manufacture of household and personal hygiene paper and cellulose wadding products, 170913:Manufacture of textile wadding and articles of wadding: sanitary towels, tampons etc., 170921:Manufacture of printing, writing and photocopying papers, 170922:Manufacture of boxes, pouches, wallets and writing compendiums containing an assortment of paper stationery, envelopes and letter-cards, labels., 170923:Manufacture of exercise books, registers, accounting books, binders, albums and similar educational and commercial stationery, 170990:Manufacture of other articles of paper and paperboard n.e.c. 181110:Printing of newspapers, magazines and other periodicals, books and brochures, maps, atlases, posters etc, 181120:Printing directly onto textiles, plastic, glass, metal, wood and ceramics (except silkscreen printing on textiles and wearing apparel), 181130:Printing of bank notes, currency notes, 181190:Other printing n.e.c. 181200:Service activities related to printing, 182000:Reproduction of recorded media, 191000:Manufacture of coke oven products, 192010:Production of motor fuel: gasoline, kerosene and light, medium and heavy fuel oil etc., 192020:Manufacture of oil-based lubricating oils or greases, including from waste oil, 192030:Manufacture of various products: white spirit, Vaseline, paraffin wax, petroleum jelly etc., 192040:Production of gaseous fuels (LPG), 192050:Manufacture of hard-coal and lignite fuel briquettes, 192090:Other manufacture of refined petroleum products, 201110:Manufacture of liquefied or compressed inorganic industrial or medical gases, 201120:Manufacture of dyes and pigments from any source in basic form or as concentrate, 201130:Manufacture of inorganic acids except nitric acid, alkalis, lyes and other inorganic bases except ammonia, 201140:Manufacture of basic organic chemicals, 201150:Manufacture of distilled water, 201190:Manufacture of other basic chemicals, 201210:Manufacture of fertilizers, 201220:Manufacture of associated nitrogen products, 201290:Manufacture of other fertilizers and nitrogen compounds n.e.c. 201310:Manufacture of plastics in primary forms, 201320:Manufacture of synthetic rubber in primary forms, 201390:Other Manufacture of plastics and synthetic rubber in primary forms n.e.c. 202110:Manufacture of insecticides, rodenticides, fungicides, herbicides, 202120:Manufacture of anti-sprouting products, plant growth regulators, 202130:Manufacture of disinfectants (for agricultural and other use), 202190:Manufacture of other agrochemical products n.e.c., 202210:Manufacture of paints and varnishes, enamels or lacquers, 202220:Manufacture of caulking compounds and similar non-refractory filling or surfacing preparations, 202230:Manufacture of printing ink, 202290:Other manufacture of paints, varnishes and similar coatings, printing ink and mastics, 202310:Manufacture of soap, 202320:Manufacture of surface-active preparations eg detergents, 202340:Manufacture of cleaning and polishing products, 202350:Manufacture of perfumes and toilet preparations, 202390:Other manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, 202901:Manufacture of gelatine and its derivatives, glues and prepared adhesives, including rubber-based glues and adhesives, 202902:Manufacture of writing and drawing ink, 202903:Manufacture of matches, 202909:Manufacture of other chemical products n.e.c., 203000:Manufacture of man-made fibres, 210010:Manufacture of medicinal active substances, 210020:Manufacture of medicaments, 210030:Manufacture of veterinary preparations, 210090:Other manufacture of pharmaceuticals, medicinal chemical and botanical products n.e.c. 221110:Manufacture of rubber tyres for vehicles, equipment, mobile machinery, aircraft, toy, furniture and other uses; 221120:Tyre rebuilding and retreading, 221190:Other manufacture of rubber tyres and tubes products n.e.c. 221900:Manufacture of other rubber products, 222010:Manufacture of finished plastic products, 222020:Manufacture of builders' plastics ware, 222030:Manufacture of plastic tableware, kitchenware and toilet articles, 222090:Other manufacture of plastics products n.e.c. 231010:Manufacture of flat glass, 231020:Manufacture of glass mirrors, 231030:Manufacture of bottles and other containers of glass or crystal and, drinking glasses and other domestic glass or crystal articles, 231090:Other manufacture of glass and glass products, 239110:Manufacture of refractory mortars, concretes etc., 239120:Manufacture of refractory ceramic goods, 239190:Other manufacture of refractory products n.e.c. 239210:Manufacture of structural non-refractory clay building materials, 239220:Manufacture of flooring blocks in baked clay, 239290:Other manufacture of clay building materials, 239300:Manufacture of other porcelain and ceramic products, 239410:Manufacture of clinkers and hydraulic cements, including Portland, aluminous cement, slag cement and superphosphate cements, 239420:Manufacture of plasters of calcined gypsum or calcined sulphate, 239490:Other manufacture of cement, lime and plaster n.e.c. 239510:Manufacture of precast concrete, cement or artificial stone articles for use in construction, 239520:Manufacture of prefabricated structural components for buildings or civil engineering of cement, concrete or artificial stone, 239530:Manufacture of ready-mix and dry-mix concrete and mortars, 239590:Other manufacture of articles of concrete, cement and plaster, 239610:Cutting, shaping and finishing of stone for use in construction, in cemeteries, on roads, as roofing etc., 239690:Other cutting, shaping and finishing of stone n.e.c. 239900:Manufacture of other non-metallic mineral products n.e.c., 241010:Operation of blast furnaces, steel converters, rolling and finishing mills, 241020:Production of ferrous products by direct reduction of iron and other spongy ferrous eg steel bars products, 241030:Manufacture of wire of steel by cold drawing or stretching, 241090:Other manufacture of basic iron and steel n.e.c. 242010:Production and refining of unwrought or wrought precious metals: gold, silver, platinum etc. from ore and scrap, 242090:Other manufacture of basic precious and other non-ferrous metals n.e.c. 243100:Casting of iron and steel, 243200:Casting of non-ferrous metals eg Aluminium, 251110:Manufacture of metal frameworks or skeletons for construction and parts thereof (towers, masts, trusses, bridges etc.), 251120:Manufacture of metal doors, windows and their frames, shutters and gates, 251130:Manufacture of prefabricated buildings mainly of metal, 251190:Other manufacture of structural metal products, 251210:Manufacture of reservoirs, tanks and similar containers of metal, of types normally installed as fixtures for storage or manufacturing use, 251220:Manufacture of metal containers for compressed or liquefied gas, 251230:Manufacture of central heating boilers and radiators, 251290:Other manufacture of tanks, reservoirs and containers of metal n.e.c. 251300:Manufacture of steam generators, except central heating hot water boilers, 252000:Manufacture of weapons and ammunition, 259100:Forging, pressing, stamping and roll-forming of metal; powder metallurgy, 259200:Treatment and coating of metals; machining, 259310:Manufacture of cutlery such as knives, forks, spoons, cleavers, choppers, razors, razor blades, scissors, hair clippers etc., 259321:Manufacture of hand tools such as pliers, screwdrivers, press tools, blacksmiths' tools, drills, punches, milling cutters etc., 259322:Manufacture of non-power-driven agricultural hand tools, 259330:Manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles etc., 259340:Manufacture of general hardware (saws and sawblades, including circular sawblades and chainsaw blades, moulding boxes, vices, clamps etc.), 259350:Manufacture of cutlasses, swords, bayonets etc., 259390:Other manufacture of cutlery, hand tools and general hardware, 259910:Manufacture of articles made of wire: barbed wire, wire fencing, grill, netting, cloth etc., 259920:Manufacture of metal fasteners (nails, rivets, tacks, pins, staples, washers, and similar non-threaded products and nuts, bolts, screws and other threaded products), 259930:Manufacture of containers such as pails, drums, buckets, boxes tins and cans for food products and boxes, 259940:Manufacture of metal household articles (plates, saucers, pots, kettles, saucepans, metal scouring pads, frying pans and other non-electrical utensils, small hand-operated kitchen appliances and accessories), 259950:Manufacture of metal sanitaryware such as baths, sinks, washbasins and similar articles, 259960:Manufacture of reinforced safes, vaults, strongroom doors, gates and metal goods for office use (other than office furniture) and other purposes, 259990:Other manufacture of other fabricated metal products n.e.c., 261001:Loading of components onto printed circuit boards, 261009:Other manufacture of electronic components and boards, 262000:Manufacture or assembling of computers and peripheral equipment, 263000:Manufacture of communication equipment, 264000:Manufacture of consumer electronics eg television, speakers, dvd players, radio receivers etc, 265100:Manufacture of measuring, testing, navigating and control equipment, 265200:Manufacture of watches and clocks, 266000:Manufacture of irradiation, electromedical and electrotherapeutic equipment, 267000:Manufacture of optical instruments and photographic equipment, 268000:Manufacture of magnetic and optical media, 271000:Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus, 272010:Manufacture of primary cells and primary batteries, 272090:Other manufacture of batteries and accumulators, 273100:Manufacture of fibre optic cables, 273200:Manufacture of other electronic and electric wires and cables, 273310:Manufacture of switch, switch box, lamp holders, lugs etc., 273320:Manufacture of electrical conduit and fitting, 273330:Manufacture of plastic non current-carrying wiring devices including plastic junction boxes, face plates, and similar, plastic pole line fittings, 273390:Other manufacture of wiring devices n.e.c. 274000:Manufacture of electric lighting equipment, 275010:Manufacture of domestic non-electric cooking and heating equipment such as non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, plate warmers, 275090:Other manufacture of domestic appliances n.e.c. 279000:Manufacture of other electrical equipment, 281100:Manufacture of engines and turbines, except aircraft, vehicle and cycle engines, 281200:Manufacture of fluid power equipment, 281310:Manufacture of hand pumps, 281390:Other manufacture of other pumps, compressors, taps and valves n.e.c. 281400:Manufacture of bearings, gears, gearing and driving elements, 281500:Manufacture of ovens, furnaces and furnace burners, 281600:Manufacture of lifting and handling equipment,

281700:Manufacture of office machinery and equipment (except computers and peripheral equipment), 281800:Manufacture of power-driven hand tools, 281910:Manufacture of weighing machinery (other than sensitive laboratory balances);, 281990:Manufacture of other general-purpose machinery, 282110:Manufacture of ploughs, manure spreaders, seeders, harrows and similar agricultural machinery for soil preparation, planting or fertilizing, harvesting or threshing machinery., 282120:Manufacture of walking (pedestrian-controlled) tractors, 282130:Manufacture of diverse agricultural machinery such as poultry-keeping machinery, 282190:Other manufacture of agricultural and forestry machinery n.e.c. 282200:Manufacture of metal-forming machinery and machine tools, 282300:Manufacture of machinery for metallurgy, 282400:Manufacture of machinery for mining, quarrying and construction, 282510:Manufacture of machinery for the grain milling industry;, 282520:Manufacture of presses, crushers etc. used to make wine, cider, fruit juices etc., 282530:Manufacture of machinery for the bakery industry or for making macaroni, spaghetti or similar products, 282590:Other manufacture of machinery for food, beverage and tobacco processing, 282610:Manufacture of textile machinery such as weaving machines (looms), including hand looms, 282690:Other manufacture of machinery for textile, apparel and leather production n.e.c. 282900:Manufacture of other special-purpose machinery, 291001:Manufacture of passenger and commercial cars, 291002:Assembling of motor vehicles, 292010:Manufacture of bodies (coachwork) for motor vehicles;, 292020:Manufacture of trailers and semi-trailers, 293010:Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, 293020:Manufacture of car seats, 293090:Other manufacture of parts and accessories for motor vehicles, 301100:Building of ships and floating structures, 301200:Building of pleasure and sporting boats, 302000:Manufacture of railway locomotives and rolling stock, 303000:Manufacture of air and spacecraft and related machinery, 304000:Manufacture of military fighting vehicles, 309100:Manufacture and assembling of motorcycles, 309200:Manufacture of bicycles and invalid carriages, 309900:Manufacture of other transport equipment n.e.c., 310010:Manufacture of furniture made of wood, 310020:Manufacture of furniture primarily of metal, 310030:Manufacture of furniture primarily of plastic, 310040:Manufacture of mattresses and pillows, 310090:Manufacture of other furniture n.e.c. 321100:Manufacture of jewellery and related articles, 321200:Manufacture of imitation jewellery and related articles, 322000:Manufacture of musical instruments, 323000:Manufacture of sports goods, 324000:Manufacture of games and toys, 325000:Manufacture of medical and dental instruments and supplies, 329010:Manufacture of brooms and brushes, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather dusters, paint brushes, paint pads and rollers, squeegees and other brushes, brooms, mops etc., 329020:Manufacture of stationary articles n.e.c such as pens and pencils of all kinds whether or not mechanical, pencil leads, date, sealing or numbering stamps,, 329030:Manufacture of articles of personal use: smoking pipes, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows, 329090:Other manufacturing n.e.c., 331100:Repair of fabricated metal products, 331210:Repair and maintenance of engines and turbines excluding aircraft, vehicle and cycle engines, 331220:Repair and maintenance of pumps and related equipment, fluid power equipment, valves, 331230:Repair and maintenance of metal cutting and metal forming machine tools and accessories, power-driven hand-tools and other machine tools, 331240:Repair and maintenance of agricultural machinery and forestry and logging machinery including agricultural tractors, 331250:Repair and maintenance of mining, construction, and oil and gas field machinery; metallurgy machinery, 331260:Repair and maintenance of food, beverage, and tobacco processing machinery, 331290:Other repair of machinery n.e.c. 331300:Repair of electronic and optical equipment, 331410:Repair and maintenance of electric motors, generators, and motor generator sets, 331490:Other repair of electrical equipment, 331510:Repair and routine maintenance of ships and boats, 331520:Repair and maintenance of locomotives and railroad cars (except factory rebuilding or factory conversion), 331530:Repair and maintenance of aircraft (except factory conversion, factory overhaul, factory rebuilding), 331590:Other repair of transport equipment, except motor vehicles, 331900:Repair of other equipment, 332010:Installation of industrial machinery in industrial plant, 332020:Installation of industrial process control equipment, 332030:Installation of communication equipment eg broadcast equipment., 332090:Installation of other industrial equipment n.e.c. 351011:Electric power generation by hydroelectric power plants, 351012:Electric power generation by non-coal based thermal (e.g. diesel, gas ), 351013:Electric power generation using solar energy, 351014:Electric power generation using Geothermal , 351015:Electric power generation using Wind Power, 351019:Other sources of electric power generation, 351020:Electric power transmission, 351030:Electric power distribution, 351090:Other electric power generation, transmission and distribution, 352010:Manufacture of gas; distribution of gaseous fuels through mains, 352020:Other related services(eg arranging for sale of natural gas), 353010:Production of ice, including ice for food and non-food (e.g. cooling) purposes, 353090:Other steam and air conditioning supply, 360001:distribution of water through mains, by trucks or other means, 360002:operation of irrigation canals, 360009:Other water collection, treatment and supply eg rain water, etc, 370010:The operation and maintenance of sewer systems, 370020:Collecting and transporting of human or industrial waste water or rain water by means of sewerage networks, collectors, tanks and other means of transport (sewage vehicles etc.), 370030:Treatment of waste water or sewer by means of physical, chemical or biological processes, 381110:Collection of non-hazardous solid waste (i.e. garbage) within a local area, such as collection of waste from households and businesses by means of refuse bins, wheeled bins, containers etc may include mixed recoverable materials, 381120:collection of recyclable materials, 381190:Other collection of non-hazardous waste, 381200:Collection of hazardous waste, 381220:operation of waste transfer stations for hazardous waste, 382100:Treatment and disposal of non-hazardous waste, 382200:Treatment and disposal of hazardous waste, 383000:Materials recovery, 390000:Remediation activities and other waste management services, 410010:Construction of all types of residential buildings, 410020:Construction of all types of non-residential buildings, 410030:Assembly and erection of prefabricated constructions on the site, 421010:Construction of motorways, streets, roads, other vehicular and pedestrian ways, 421020:Surface work on streets, roads, highways, bridges or tunnels, 421030:Construction of bridges, including those for elevated highways, 421040:Construction of railways and subways, 421090:Other construction of roads and railways, 422111:Construction of power distribution lines, 422112:Construction of power transmission lines, 422121:Construction of pipelines, 422122:Construction of communication lines , 422130:Water main and line construction and irrigation systems (canals), 422140:Construction of reservoirs eg water tanks, treatment plants, bulk water storage tanks installation, 422151:Construction of sewer systems, including repair and sewage disposal plants, 422152:Construction of domestic sewers(Biogasdigester/septic tanks), 422160:Construction of pumping stations and power plants, 422170:Water well drilling except boreholes, 422190:Construction of other utility projects, 422210:Borehole drilling, 422220:Borehole equipping, 429010:Construction of industrial facilities, except buildings,, 429020:Construction of dams and dykes, waterways, harbour and river works, pleasure ports (marinas), locks, etc, 429030:Dredging of waterways, 429040:Construction work, other than buildings such as outdoor sports facilities, 429050:Land subdivision with land improvement (e.g. adding of roads, utility infrastructure), 431100:Demolition or wrecking of buildings and other structures, 431210:Clearing of building sites, earth moving: excavation, landfill, levelling and grading of construction sites, trench, 431220:Drilling, boring and core sampling for construction, geophysical, geological or similar purposes, 431230:Site preparation for mining(except for oil and gas sites), 431240:Building site drainage excluding utility facilities, 431290:Other site preparation activities, 432111:Structured cabling and IP telephony installation including Audio Visual systems eg Conferenc systems, Public Address, Video Conference systems ,Data/Voice cabling, Network equipment, IP telephony, , 432113:Instrumentation and PLC systems including Security and Access Control systems eg CCTV surveillance system, Access control, Alarm systems, parking management system eg Electronic Control Systems, Digital , 432119:Other Installation of electrical systems, 432120:Connecting of electric appliances and household equipment, including baseboard heating, 432130:Installation and Maintenance of Generators , 432140:Installation of wireless communication system eg GSM, TDMA/CDMA telecommunication systems, radio communications, broadcast equipment., 432211:Plumbing and sanitary equipment,Domestic water storage, 432212:Boilers, Incinerators ,Compressed air, hydraulic liquidified petroleum and medical gas installation, gas pipe handling, gas reticulation,air conditioning, 432213:Installation of Automatic fire supression system, 432219:Other plumbing, heating and air-conditioning systems installation in buildings or other construction projects, 432210:Plumbing, heating and air-conditioning systems installation in buildings or other construction projects, 432220:Duct work installation, 432911:Installation and maintenance of elevators, escalators, Skywalks, Lift hoists, mechanical ramps, travolators, conveyors and belt ins, 432919:Other construction installation in buildings., 432921:Construction, installation and testing of gas/petrol stations oil/gas reticulation, oil/gas storage tanks, 432929:Installation in other construction projects, 433100:Interior and exterior painting of buildings and Other civil engineering structures, 433910:Application in buildings or other construction projects of interior and exterior plaster or stucco, including related lathing materials, 433920:Installation of doors (except automated and revolving), windows, door and window frames, of wood or other materials, 433931:Installation of furniture, fitted kitchens, staircases, shop fittings and the like, 433932:Glazing( Installation of glass mirrors including structural glass etc), 433941:Interior completion - gypsums, 433942:Other interior completion such as ceilings, wooden wall coverings, movable partitions, etc., 433951:Ceramic, concrete or cut stone wall or floor tiles, ceramic stove fitting, 433952:Parquet and other wooden floor coverings, 433953:Carpets and linoleum floor coverings, including of rubber or plastic, 433954:Terrazzo floor or wall coverings, 433955:Marble, granite or slate floor or wall coverings, 433959:Other laying, tiling, hanging or fitting in buildings or other construction projects, 433960:Cleaning of new buildings after construction, 433970:Interior installation of shops, mobile homes, boats etc, 433990:Other building completion work n.e.c., 439100:Structural steel erectors, 439200:Roof covering for residential buildings and minor repairs, 439910:Other construction activities specializing in one aspect common to different kind of structures, requiring specialized skill or equipment, 439920:Construction of outdoor swimming pools, 439930:Steam cleaning, sand blasting and similar activities for building exteriors, 439940:Renting of cranes with operator and other construction equipment, 451010: Sale of new motor vehicles, 451020: sale of used motor vehicles, 452000: Maintenance and repair of motor vehicles, 453000: Sale of motor vehicle parts and accessories, 454010: Sale of motorcycles and related parts and accessories, 454020: maintenance and repair of motorcycles, 461000: Wholesale on a fee or contract basis, 462001: Wholesale of agricultural raw materials, 462002: Wholesale of live animals, 463011: wholesale of tea, 463012: wholesale of coffee,

463013: wholesale of dairy products, 463014: wholesale of eggs and egg products, 463015: wholesale of meat and meat products, 463019: other Wholesale of food products n.e.c , 463021: Wholesale of beer, 463022: Wholesale of wines and spirits, 4630210: Wholesale of natural mineral water and other bottled water, 4630220: Wholesale of soft drinks, 463040: Wholesale of tobacco products, 463050: Wholesale of Khat(miraa) and related products, 464101: Wholesale of textiles, 464102: Wholesale of clothing, 464103: Wholesale of footwear, 464200: Wholesale of second hand textiles, clothing and footwear, 465100: Wholesale of computers, computer peripheral equipment and software, 465200: Wholesale of electronic and telecommunications equipment and parts, 465300: Wholesale of agricultural machinery, equipment and supplies, 465900: Wholesale of other machinery and equipment, 466100: Wholesale of solid, liquid and gaseous fuels and related products, 466200: Wholesale of metals and metal ores, 466301: wholesale of wood and wood products, 466302: wholesale of paint and varnish, 466303: wholesale of construction(sand and gravel) materials, 466304: wholesale of wallpaper, floor coverings, fitting and fixtures, 466305: wholesale of glass, 466306: wholesale of hardware , locks and tools such as hammers, saws, screwdrivers and other hand tools, 466307: wholesale of electrical equipment and fittings, 466308: wholesale of sanitary and sanitary installation equipment, 466309: other Wholesale of construction materials, hardware, plumbing and heating equipment and supplies n.e.c, 466901: wholesale of industrial chemicals, 466902: wholesale of fertilizers and agrochemical products, 466903: wholesale of non-metallic products except cement, sand and gravel, 466904: Wholesale of scrap metals waste and junk, 466905: wholesale of scrap except metals, 466909: wholesale of other waste and scrap and products n.e.c, 471110: Retail sale in non specialized self selection stores with food, beverages or tobacco predominating, 471190: Retail sale in other non-specialized stores with food, beverages or tobacco predominating, 471910: Retail sale in non specialized self selection stores where food, beverages or tobacco is not predominating, 471990: Retail sale in other non-specialized stores where food, beverages or tobacco is not predominating, 472110: Fresh or preserved fruit and vegetables (groceries), 472120: Dairy Products and eggs, 472130: Meat and Meat products ( including Poultry, fish, other seafoods and products there of), 472140: Bakery Products and Sugar confectionary, 472190: other food products, 472210: Retail sale in Liquor stores, 472220: Retail sale of non-alcoholic beverages in specialised stores, 472300: Retail sale of tobacco products in specialized stores, 473010: Retail sale of fuel for motor vehicles and motorcycles, 473020: Retail sale of lubricating products and cooling products for motor vehicles, 474110: Retail sale of computers, computer peripheral equipment, video game consoles, 474120: Retail sale of cellular phones, parts and accessories, 474130: Retail sale of non-customized software, including video games, 474140: Retail sale of other telecommunication equipment, 474200: Retail sale of audio and video equipment in specialized stores, 475110: Retail sale of fabrics and textiles, 475120: Retail sale of knitting yarn, 475130: Retail sale of haberdashery, basic materials for rug, tapestry or embroidery making, 475210: Retail sale of general hardware, 475220: Retail sale of paints, varnishes and lacquers, 475230: Retail sale of flat glass, 475240: Retail sale of other building material such as bricks, wood, sanitary equipment, 475310: Retail sale of carpets and rugs, 475320: Retail sale of curtains and net curtains, 475330: Retail sale of wallpaper and floor coverings, 475390: Other Retail sale of carpets, rugs, wall and floor coverings in specialized stores n.e.c, 475400: Retail sale of small agricultural machinery, equipment and supplies, 475910: Retail sale of household furniture including wooden, cork and wickerwork goods, 475920: Retail sale of articles for lighting, 475930: Retail sale of household utensils and cutlery, crockery, glassware, china and pottery, 475940: Retail sale of musical instruments and scores, 475950: Retail sale of security systems, such as locking devices, safes, and vaults, without installation or maintenance services, 475990: Retail sale of household articles and equipment n.e.c., 476110: Retail sale of stationery, office supplies and books of all kinds, 476120: Retail sale of newspapers and magazines, 476200: Retail sale of music and video recordings in specialized stores, 476300: Retail sale of sporting equipment in specialized stores, 476400: Retail sale of games and toys in specialized stores, 477110: Retail sale of articles of clothing, 477120: Retail sale of footwear and leather goods, 477190: other retail sale of clothing, footwear and leather articles in specialized stores n.e.c, 477210: Retail sale of pharmaceuticals, 477220: Retail sale of medical and orthopaedic goods, 477230: Retail sale of perfumery and cosmetic articles, 477310: Retail sale of photographic, optical and precision equipment, 477320: Activities of opticians, 477330: Retail sale of watches, clocks and jewellery, 477341: Retail sale of flowers, plants, 477342: Retail sale of seeds, fertilizers and pet food, 477343: Retail sale of pet animals , 477351: Retail sale of kerosene, 477352: Retail sale of lpg, 477353: Retail sale of charcoal and fuel wood, 477359: Other retail sale of household fuel oil, bottled gas, coal and fuel wood, 477360: Retail sale of souvenirs, craftwork and religious articles, 477370: Retail sale of cleaning materials, 477380: Activities of commercial art galleries, 477390: Retail sale of non-food products n.e.c., 477400: Retail sale of second-hand goods excluding motor vehicles, 478110: Retail sale via stalls and markets of food, 478120: Retail sale via stalls and markets of beverages and tobacco products, 478200: Retail sale via stalls and markets of textiles, clothing and footwear, 478900: Retail sale via stalls and markets of other goods, 479100: Retail sale via mail order houses or via Internet, 479900: Other retail sale not in stores, stalls or markets, 491110: Passenger rail transport between cities/ towns, 491210: Freight rail transport, 492110: Short distance Passenger transport (Matatus and Mini buses), 492120: Three wheelers Passenger Transport (Tuk Tuk/Rickshaw), 492130: Motorcycle/Bicycle Passenger Transport (Boda Boda), 492140: Passenger rail transport within cities/ towns, 492210: Scheduled and unscheduled long distance Bus Service, 492220: Passenger transport activities related to Charters, excursions, Tours & Travels and other occasional coach services, 492230: Taxi operation and airport shuttles, 492240: School Transport and Transport of employees, 492290: Other forms of Passenger Transport ( e.g Donkey, Mkokoteni), 492310: Freight transport by road formal, 492321: Freight transport by road informal(tractors), 492329: Freight transport by road informal(other forms), 492330: Hearse services, 492340: Transport of waste and waste materials (excludes Honey suckers in 3700), 492350: Furniture removal and Transportation services, 492390: Other Freight transport by road(e.g handcarts and Animal drawn Carts), 493010: Transport Petroleum products via pipeline, 493020: Long distance transport of water via pipeline, 493030: Transport of gas via pipeline, 501110: Transport of passengers over seas and coastal waters by ships(excluding cruise, excursion and sightseeing ships), 501120: Operation of excursion, cruise or sightseeing boats, 501130: Operation of ferries, 501140: Operation of Passenger boats, 501150: Renting of pleasure boats with crew, 501210: Sea and Ocean Freight transport, 501220: inter island freight transport, 502110: Transport of passengers over inland waters by ships(excluding cruise, excursion and sightseeing ships), 502120: Operation of excursion, cruise or sightseeing boats, 502130: Operation of inland ferries, 502140: Operation of inland Passenger boats, 502150: Renting of inland pleasure boats with crew, 502210: Inland Freight transport, 502220: Inter island freight transport, 502290: Other forms of inland freight transport (e.g Towing and pushing of inland water vessels), 511010: Transport of Passengers by air over regular routes and on regular schedules., 511020: Charter flights for passengers(including renting of air transport equipment with operators), 511030: Scenic and sightseeing flights ( including passenger of aeroclubs for instruction or pleasure), 512010: Transport of freight by air over regular routes and on regular schedules., 512120: Non Scheduled air Freight transport (including renting of air transport equipment with operators), 512130: Launching of satellites and space vehicles, 512190: Other Freight air transport (e.g launching transport using drones), 521010: Grain Silos, 521020: Custom Bonded warehouse, 521030: Cold storage , including blast freezing, 521040: Storage tank, 521050: Storage of goods in foreign trade zones, 521060: General warehousing and storage activities, 522110: Operation of railway stations, 522120: Operation of bus stations, stations for the handling of goods, 522130: Operation of railroad infrastructure, 522140: Operation of roads, bridges, tunnels, car parks or garages, bicycle parkings , 522150: Breakdown services -towing and road side assistance, 522200: Service activities incidental to water transportation, 522310: Operation of terminal facilities such as airway terminals etc., 522320: Airport and air-traffic-control activities, 522330: Ground service activities on airfields etc.™, 522410: Loading and unloading of goods or passengers' luggage irrespective of the Mode of transport used for transportation, 522420: stevedoring, 522430: Loading and unloading of freight railway cars, 522910: Forwarding of freight, 522920: Logistics activities, i.e. planning, designing and supporting operations of transportation, warehousing and distribution, 522930: Issue and procurement of transport documents and waybills; Activities of customs agents; Activities of sea-freight forwarders and air-cargo agents; Brokerage for ship and aircraft space, 522940: Arranging or organizing of transport operations by rail, road, sea or air; Organization of group and individual consignments (including pickup and delivery of goods and grouping of consignments), 522950: Goods-handling operations, e.g. temporary crating for the sole purpose of protecting the goods during transit, uncrating, sampling, weighing of goods, 532000: Courier activities, 551011: Hotels, 551012: Resort, 551013: Lodges, 551020: Guesthouses, 551031: Suite / apartment hotels, 551032: Cottages, 551033: Visitor flats and bungalows, 551040: Lodgings, 551050: Youth hostels, 551090: Other Short term accommodation activities n.e.c, 552010: Camping grounds, 552090: Other recreational facilities eg recreational vehicle parks and trailer parks, 553000: Student residences/hostels, 559000: Other accommodation except student residence, 561011: Restaurants, 561012: Cafeterias, 561013: Fast-food restaurants, 561020: Take-out /take-away eating places, 561030: Food preparation in market stalls/kiosks, 561040: Ice cream vendors, 561050: Meat eateries, 561090: Other food service activities n.e.c, 562100: Event catering, 562910: Activities of food service contractors (e.g. for transportation companies), 562920: Operation of food concessions at sports and similar facilities, 562930: Operation of canteens or cafeterias (e.g. for factories, offices, hospitals or schools) on a concession basis, 563010: Bars, lounges , taverns, beer parlors and pubs, 563020: Discotheques (with beverage serving predominant), 563030: Coffee shops, 563040: Fruit juice bars, 563050: Mobile beverage vendors, 581110: Publishing of books, brochures, leaflets and similar publications, including publishing encyclopedias (including on CD-ROM), 581120: Publishing of atlases, maps and charts, 581130: Publishing of audio books, 581200: Publishing of directories and mailing lists, 581310: Publishing of newspapers, 581320: Publishing of journals and periodicals, 581900: Other publishing activities, 582010: Publishing of operating systems and system software, 582020: Publishing of operating business and other applications, 582030: Publishing of computer games for all platforms, 591110: Production of motion picture, 591120: Video production, 591130: Production of television programmes or television commercials, 591210: Post production activities of motion picture, 591220: Post production activities of television programmes or television commercials, 591230: Post production activities of video production, 591310: Motion picture distribution, 591320: Distribution of video tapes, CD and DVDs, 591330: Distribution of television programme, 591410: Motion picture or video tape projection in cinemas, in the open air or in other projection facilities, 591420: Activities of cine-clubs, 592010: Activities of sound recording in studio or elsewhere, 592020: Activities of music publishing, 601011: Over-the-air broadcasts, 601012: Radio broadcasting over cable



or satellite, 601020:Radio broadcasting activities over the internet (internet radio stations), 601090:Radio broadcasting activities n.e.c., 602010:creation of a complete television channel programme( from purchased,self produced progrogramme components or combination thereof), 602020:programming of video-on-demand channels, 602090:Television programming and broadcasting activities n.e.c. 61100:Wired telecommunications activities, 612010:Operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a wireless telecommunications infrastructure, 612020:Provision of internet access by the operator of the wireless infrastructure, 612090:Wireless telecommunications activities n.e.c. 613000:Satellite telecommunications activities, 619000:Other telecommunications activities, 620110:Designing the structure and content of, and/or writing the computer code necessary to create and implement, 620120:Customizing of software, i.e. modifying and configuring an existing application so that it is functional within the clients' information system environment, 620210:Planning and designing of computer systems that integrate computer hardware, software and communication technologies, 620220:Provision of on-site management and operation of clients' computer systems and/or data processing facilities, as well as related support services, 620910:computer disaster recovery, 620920:personal computers and software installation, 631110:provision of infrastructure, 631120:Hosting services, 631130:Data processing activities, 631140:Related activities, 631200:Web portals, 639100:News agency activities, 639900:Other information service activities n.e.c., 641100:Central banking, 641200:Commercial banks, 641300:Microfinance, 641400:Mortgage Finance, 641500:Saving and credit cooperative Societies, 641910:Mobile money lenders, 641990:Other monetary intermediation n.e.c., 642000:Activities of holding companies, 643000:Trusts, funds and similar financial entities, 649100:Financial leasing, 649210:Thrift and loan societies and credit associations, 649220:Pawnbrokerage, 649230:Money-lending/Shylocks, 649290:Other credit agencies n.e.c. (eg motor finance), 649911:Mobile money, 649919:Other Money remittance providers, 649920:Banking agents, 651100:Life insurance, 651210:Health insurance, 651290:Other Non-life insurance, 652000:Reinsurance, 653000:Pension funding, 661100:Administration of financial markets, 641210:Forex Bureaus, 641220:Stock Brokers, 661290:Other Security and commodity contracts brokerage n.e.c. , 661910:Trustee, fiduciary and custody services on a fee or contract basis, 661920:Financial transaction processing and settlement activities, including for credit card transactions, 661930:Investment advisory services, 661940:Activities of mortgage advisers and brokers, 662100:Risk and damage evaluation, 662210:Activities of insurance agents, 662220:Activities of insurance brokers, 662900:Other activities auxiliary to insurance and pension funding, 663010:management of pension funds, 663020:management of mutual funds, 663030:management of other investment funds, 681010:Buying and selling of residential and non residential buildings and land, 681021:residential, 681022:non residential, 681030:Operating of furnished/serviced apartments (owned or leased), 681040:Real estate developers of own property for leasing or sale( construction work done by a separate entity at a fee), 681090:Real estate activities with own or leased property n.e.c., 682010:activities of real estate agents and brokers, 682020:Intermediation in buying, selling and renting of real estate on a fee or contract basis, 682030:Management of real estate on a fee or contract basis, 682040:Appraisal services for real estate, 682090:Real estate activities on a fee or contract basis n.e.c., 691000:Legal activities, 692010:Accounting and bookkeeping, 692020:Auditing activities, 692030: Tax consultancy, 701000:Activities of head offices, 702000:Management consultancy activities, 711011:Building design and drafting, 711012:™™™ Town and city planning and landscape architecture, 711020:Engineering design and consulting activities, 711030:Environmental engineering design and consultancy services, 711040:land and boundary surveying activities including cartographic and spatial information activities, 712000:Technical testing and analysis, 721000:Research and experimental development on natural sciences and engineering, 722000:Research and experimental development on social sciences and humanities, 731010:Creation and realization of advertising campaigns:, 731020:Conducting marketing campaigns and other advertising services aimed at attracting and retaining customers, 732000:Market research and public opinion polling, 741010:Fashion design related to textiles, wearing apparel, shoes, jewelry, furniture and other fashion goods as well as other personal or household goods, 741020:activities of graphic and industrial design,, 741030:activities of interior decorators, 742010:commercial and consumer photograph production; and microfilming of documents, 742020:film processing , 742030:activities of photojournalists, 749010:activities of quantity surveyors, 749020:security consulting, 749030:agronomy consulting, 749090:Other professional, scientific and technical activities n.e.c., 750000:Veterinary activities, 771010:Renting and leasing of passenger vehicles, 771020:Renting and leasing of trucks and trailers, 771090:Renting and leasing of other motor vehicles n.e.c., 772100:Renting and leasing of recreational and sports goods, 772200:Renting of video tapes and disks, 772910: Renting of tent, furniture, pottery and glass, kitchen and tableware, utensils,, 772920:Renting of household electrical and electronic equipments etc., 772990:Renting and leasing of other personal and household goods n.e.c. 773010:Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries: 773020:Renting and operational leasing of transport equipment without operator, 773030:Renting and operational leasing of agricultural, fishery and forestry machinery and equipment without operator:, 773040:Renting and operational leasing of construction and civil-engineering machinery and equipment without operator:, 773090:Renting and leasing of other machinery, equipment and tangible goods n.e.c. 774000:Leasing of intellectual property and similar products, except copyrighted works, 781000:Activities of employment placement agencies, 782000:Temporary employment agency activities, 783000:Other human resources provision, 791100:Travel agency activities, 791200:Tour operator activities, 799000:Other reservation service and related activities, 801000:Private security activities, 802000:Security systems service activities, 803000:Investigation activities, 811000:Combined facilities support activities, 812100:General cleaning of buildings, 812910:disinfecting and exterminating activities, 812920:cleaning of trains, planes, etc., 812930:Exterior cleaning of buildings of all types, including offices, factories, shops, institutions and other business and professional premises and multiunit residential buildings, 812990:Other building and industrial cleaning activities, n.e.c., 813000:Landscape care and maintenance service activities, 821100:Combined office administrative service activities, 821900:Photocopying, document preparation and other specialized office support activities, 822000:Activities of call centres, 823000:Organization of conventions and trade shows, 829100:Activities of collection agencies and credit bureaus, 829200:Packaging activities, 829900:Other business support service activities n.e.c., 841111:National executive, 841112:Legislative administration, 84112:Public administration, 84113: County government, 841130:Public administration and supervision of fiscal affairs, 841140:Ancillary services activities for the government as whole, 841190:General public administration activities n.e.c. 841210:Regulatory agencies relating to health, 841220:Regulatory agencies relating to education, 841290:Regulatory agencies relating to other social services n.e.c. excluding social security, 841301:Public administration and regulation, including subsidy allocation, for different economic sectors; 841302:Administration of r&d policies and associated funds to improve economic performance, 841303:Administration of general labour affairs eg cotu, 841304:Implementation of regional development policy measures, e.g. to reduce unemployment( national employment authority), 842100:Foreign affairs, 842200:Defence activities, 842310:Judiciary and related services , 842320: Police , 842330: Prisons , 842390: Public order and safety activities n.e.c. , 84300:Compulsory social security activities, 851010:Pre-primary, 851020: primary education, 852100:General secondary education, 852210: vocational secondary education, 852220:Technical secondary education, 853010:University education, 853020:Polytechnics, 853030:Commercial colleges offering higher education, 853041:Medical Training Colleges , 853042:Kenya School of Government (KSG) , 853043: Other Training Institutions under Government Ministries and Agencies , 853044:Agriculture and related Training Institutions , 853045:National Youth Service , 853046: Technical Vocational Colleges , 853047:Vocational Training Centres , 853048: Vocational Rehabilitation Centres , 853049:Other training Institutes n.e.c. , 854100:Sports and recreation education, 854200:Cultural education, 854910:Driving schools, 854920:Flying schools, 854990:Other education n.e.c., 855000:Educational support activities, 861000:Hospital activities, 862010: Medical practice activities, 862020: Dental practice activities, 869010: Medical laboratories , 869020:X-ray laboratories and other diagnostic imaging centres, 869030: Home healthcare services, 869040:Activities of herbalists, 869050:Activities of birth attendants, 869090:Other human health activities n.e.c., 871000:Residential nursing care facilities, 872000:Residential care activities for mental retardation, mental health and substance abuse, 873000:Residential care activities for the elderly and disabled, 879000:Other residential care activities, 881000:Social work activities without accommodation for the elderly and disabled, 889100:Child and youth service activities, 889200:Other individual and family service activities, 889300:Community food and housing service activities, 889400:Temporary shelters, 889500: Emergency and relief activities, 889600:Vocational rehabilitation and habilitation activities, 889700:Child day care service activities, 889800:Charitable or other supporting activities aimed at social work, 889900:Other social work activities without accommodation n.e.c., 910101:Library activities, 910102:archives activities, 910210:Museums activities, 910220: Operation of historical sites and buildings, 910230:Art galleries, 910310:Operation of botanical and zoological gardens, including animal orphanages, nature trail, arboretum, 910321:National Parks, 910322:Game reserves, 910323:Conservancies, 910324:Marine parks, 920010:sale of lottery tickets, 920020:Casinos, 920090:Other gambling and betting activities, 931100:Operation of sports facilities, 931210:Activities of football clubs, 931290:Activities of other sports clubs, 931900:Other sports activities, 932100:Activities of amusement parks and theme parks, 932900:Other amusement and recreation activities n.e.c., 941100:Activities of business and employers membership organizations, 941200:Activities of professional membership organizations, 942000:Activities of trade unions, 949110:Activities of christian religious organizations, 949120:Activities of Islamic religious organizations, 949130:Activities of Hindu religious organizations, 949190:Activities of other religious organizations n.e.c. , 949200:Activities of political organizations, 949300:Grantmaking and giving activities, 949400:Activities of human rights organizations, 949500:Activities of environmental, conservation and wildlife organizations, 949600:Activities of other social advocacy organizations, 949700:Activities of cultural and recreational associations (other than sports or games), 949800:Activities of other civic and social organizations, 949900:Activities of other membership organizations n.e.c., 951101:Repair of computers , 951102:Repair of ATMs, 951200:Repair of communication equipment, 952100:Repair of consumer electronics, 952210:Repair and servicing of household appliances, 952220:Repair and servicing of home and garden equipment, 952300:Repair of footwear and leather goods, 952400:Repair of furniture and home furnishings, 952910:Repair of bicycles, 952920: Repair and alteration of clothing, 952930: Repair and alteration of jewellery, 952940:Repair of watches, clocks and their parts, 952990:Repair of other personal and household goods n.e.c.,

960100:Washing and (dry-) cleaning of textile and fur products, 960210:Hairdressing and beauty salons, 960220:barber shops, 960230:facial massage,manicure and pedicure services , 960290:Beauty and other personal care services n.e.c., 960310:Burial and incineration of human or animal corpses and related activities, 960320:Rental or sale of graves and maintenance of graves and mausoleums, 960910:Activities of sauna and steam baths, massage salons etc, 960920:Shoe shiners, porters, valet car parkers etc., 960990:Other personal service activities n.e.c.(eg baby sitters), 970000:Activities of households as employers of domestic personnel, 981000:Undifferentiated goods-producing activities of private households for own use, 982000:Undifferentiated service-producing activities of private households for own use, 990010:activities of international organizations, 990020:activities of diplomatic and consular missions when being determined by the country of their location rather than by the country they represent

[25] **b21\_2c: B21\_2c:What kind of economic activity is [%rosteritle%]'s primary job connected with, i.e. TYPE OF INDUSTRY? KESIC SubClass1**

Categories: 11000:Mixed cropping of Non-Perennial Crops, 11111:Growing of maize, 11112:Growing of wheat, 11113:Growing of sorghum, 11114:Growing of Millet, 11115:Growing of Barley, 11116:Growing of mixed cereals, 11117:Growing of cereal seeds, 11119:Growing of Other cereals, 11121:Growing of Beans, 11122:Growing of Green grams, 11123:Growing of Cow peas, 11124:Growing of Dolichos, 11125:Growing of Green peas, 11126:Growing of french beans, 11127:Growing of mixed leguminous crops, 11128:Growing of leguminous crop seeds, 11129:Growing of Other leguminous crops, 11131:Growing of groundnuts, 11132:Growing of sunflower seed, 11133:Growing of sesame seed, 11134:Growing of soya beans, 11135:Growing of mixed oil seeds, 11139:Growing of other oil seeds, 11201:Growing of rice, 11202:Growing of rice seeds, 11311:Growing of Cabbages, 11312:Growing of Spinach, 11313:Growing of cauliflower and broccoli, 11314:Growing of basil, 11315:Growing of snowpeas, 11316:Growing of kale, 11317:Growing of indigenous leafy or stem vegetables( eg sucha,managu, etc), 11318:Growing of leafy or stem vegetables seeds, 11319:Growing of other leafy or stem vegetables, 11321:Growing of tomatoes, 11322:Growing of cucumbers and gherkins, 11323:Growing of Watermelon, 11324:Growing of eggplants, 11325:Growing of mixed fruit bearing vegetables, 11326:Growing of fruit bearing vegetables seeds, 11329:Growing of other fruit bearing vegetables, 11330:Growing of mixed leafy or stem and fruit bearing vegetables, 11341:Growing of carrots, 11342:Growing of bulb onions, 11343:Growing of leeks, 11344:Growing of garlic, 11345:Growing of root, bulb or tuberous vegetables seeds, 11349:Growing of other root, bulb or tuberous vegetables, 11350:Growing of mushrooms and truffles, 11361:Growing of potatoes, 11362:Growing of cassava, 11363:Growing of sweet potatoes, 11364:Growing of mixed roots and tubers, 11369:Growing of other roots and tubers, 11370:Growing of mixed vegetables, 11400:Growing of sugar cane, 11500:Growing of tobacco, 11601:Growing of cotton, 11602:Growing of cotton seeds, 11609:Growing of other fibre crops(except sisal), 11700:Growing of Sisal, 11911:Growing of fodder crops, 11912:Growing of fodder crops seeds, 11921:Growing of flowers, including production of cut flowers and flower buds, 11922:Growing of flowers seeds, 11990:Growing of other non-perennial crops, 12000:Mixed cropping of Perennial Crops, 12100:Growing of grapes, 12201:Growing of bananas, 12202:Growing of mangoes, 12203:Growing of pineapples, 12204:Growing of avocado, 12205:Growing of pawpaw, 12206:Growing of mixed tropical and subtropical fruits, 12209:Growing of other tropical and subtropical fruits, 12301:Growing of oranges, 12302:Growing of lemons and lime, 12309:Growing of other citrus fruits, 12401:Growing of pears, 12402:Growing of plums, 12409:Growing of other pome fruits and stone fruits, 12511:Growing of blue berries, 12512:Growing of strawberries, 12519:Growing of other berries, 12520:Growing of fruit seeds, 12531:Growing of macademia, 12532:Growing of cashewnuts, 12539:Growing of other nuts, 12540:Growing of other tree and bush fruits, 12601:Growing of coconut, 12609:Growing of other oleaginous fruits, 12710:Growing of coffee, 12720:Growing of tea, 12790:Growing of other beverage crops, 12811:Growing of chilies, 12812:Growing of capsicum, 12813:Growing of ginger, 12819:Other spices and aromatic crops, 12820:Growing of drug and pharmaceutical crops except pyrethrum, 12830:Growing of Pyrethrum, 12910:Growing of Khat "Miraa", 12990:Growing of other perennial crops, 13010:Operation of tree nurseries, except forest tree nurseries, 13020:Growing of plants for planting, 13030:Mixed plant propagation, 13090:Other plant propagation, 14000:Mixed animal farming, 14110:Raising and breeding of cattle, 14120:Production of raw cow milk from cows, 14130:Production of bovine semen, 14200:Raising of horses and other equines, 14310:Raising of camels, 14320:Production of camel milk, 14410:Raising and breeding of goats, 14420:Raising and breeding of sheep, 14430:Production of raw goat milk, 14440:Production of raw wool, 14500:Raising of swine/pigs, 14611:Raising and breeding of chicken, 14619:Raising and breeding of other poultry, 14621:Production of chicken eggs, 14629:Production of other poultry eggs, 14631:Operation of chicken hatcheries, 14639:Operation of other poultry hatcheries, 14700:Bee-keeping and production of honey and beeswax, 14910:Raising of silk worms, production of silk worm cocoons, 14921:Raising and breeding of ostriches and emus, 14922:Raising and breeding of other birds except poultry, 14923:Raising and breeding of Rabbits and other fur animals, 14931:Raising and breeding of dogs, 14939:Raising and breeding of other pet animals, 14990:Raising of other animals, 15000:Mixed farming, 16111:Preparation of fields, 16112:Establishing a crop, 16113:Crop spraying, including by air, 16114:Harvesting, 16119:Other agricultural activities on a fee or contract basis, 16120:Provision of agricultural machinery with operators and crew, 16190:Other support activities for crop production, 16211:Activities related to artificial insemination, 16212:Sheep shearing, 16219:Other Other agricultural activities on a fee or contract basis, 16290:Other support activities for animal production, 16310:Preparation of crops for primary markets, i.e. cleaning, trimming, grading, disinfecting, 16320:Cotton ginning, 16330:Preparation of tobacco leaves, 16340:Waxing of fruit, 16350:Sun-drying of fruit and vegetables, 16390:Other Post-harvest crop activities, 16400:Seed processing for propagation, 17000:Hunting, trapping and related service activities, 21010:Growing of standing timber: planting, replanting, transplanting, thinning and conserving, 21020:Growing of coppice, pulpwood and firewood, 21030:Operation of forest tree nurseries, 21090:Other silviculture and other forestry activities, 22100:Production of roundwood for forest-based manufacturing industries, 22200:Production of roundwood used in an unprocessed form such as pit-props, fence posts and utility poles, 22300:Gathering and production of fire wood, 22400:Production of charcoal in the forest (using traditional methods), 23000:Gathering of non-wood forest products, 24011:Forestry inventories, 24012:Forest management consulting services, 24013:Timber evaluation, 24014:Forest fire fighting and protection, 24015:Forest pest control, 24021:Transport of logs within the forest, 31110:Fishing on a commercial basis in ocean and coastal waters, 31120:Taking of marine crustaceans and molluscs, 31190:Other marine fishing, 31210:Fishing on a commercial basis in inland waters, 31290:Other freshwater fishing, 32100:Marine aquaculture, 32210:Fish farming in freshwater including farming of freshwater ornamental fish, 32220:Operation of fish hatcheries (freshwater), 32290:Other freshwater aquaculture, 51000:Mining of hard coal, 52000:Mining of lignite, 61000:Extraction of crude petroleum, 62100:Extraction of natural gas, 62200:Extraction of carbon dioxide, 71000:Mining of iron ores, 72100:Mining of uranium and thorium ores, 72210:Mining of illmenite, 72220:Mining of rutile, 72230:Mining of zircon, 72300:Mining of manganese ore, 72400:Mining of gold, 72900:Mining of other non-ferrous metal ores, 81011:Quarrying of stone, 81012:Quarrying of monumental stone (mazaras,granite eg galena stone,machakos silver stone,quartzite, galana stone, etc), 81020:Sand harvesting, 81091:Mining of gypsum and anhydrite, 81092:Breaking and crushing of stone and gravel, 81093:Quarrying, crushing and breaking of limestone, 81094:Mining of clays, refractory clays and kaolin, 81099:Other quarrying such as clay extraction, 89100:Mining of chemical and fertilizer minerals, 89200:Extraction of peat, 89300:Extraction of salt, 89400:Extraction of soda ash, 89500:Extraction of fluospar, 89600:Extraction of crushed refined soda, 89700:Extraction of diatomite, 89800:Extraction of gem stones, 89900:Other mining and quarrying n.e.c., 91011:Test drilling in connection with petroleum or gas extraction, 91012:Oil and gas extraction service activities provided on a fee or contract basis, 91020:Oil and gas field fire fighting services, 99001:Exploration services other than for oil and gas and making geological observations at prospective sites, 99009:Other Support activities for other mining and quarrying, 101010:Processing and preserving of beef and related products, 101020:Processing and preserving of mutton, lamb and related products, 101030:Processing and preserving of pork and related products, 101040:Processing and preserving of chicken and related products, 101050:Processing and preserving of donkey and related products, 101060:Processing and preserving of camel and related products, 101070:Production of hides and skins originating from slaughterhouses, including fellmongery, 101080:Processing of animal offal, 101090:Other processing and preservation of other animal meat products, 102011:Preparation and preserving of fish, Production of fish products, 102012:Preparation and preserving of crustaceans and molluscs, 1020110:Production of fish products, 1020120:Production of crustaceans and molluscs products, 102031:Production of fishmeal for human consumption, 102032:Production of fishmeal for animal feed, 102090:Other processing and preserving of fish, crustaceans and molluscs n.e.c, 103011:Processing and preservation of fruit food products, 103012:Processing of fruit juices including concentrates, 103021:Processing and preservation of vegetable food products, 103022:Processing of vegetable juices including concentrates, 103030:Processing and preserving of potatoes including other tubers and bananas, 103040:Processing of nut foods, 103050:Manufacture of jams, marmalades, table jellies and pastes, 103090:Other processing and preserving of fruit and vegetables, 104001:Manufacture of vegetable oils and fats excluding corn oil, 104009:Manufacture of other vegetable and animal oils and fats n.e.c, 105011:Manufacture of fresh liquid milk, pasteurized, sterilized, homogenized and/or ultra-heat treated, 105012:Manufacture of milk-based drinks, 105013:Manufacture of dried or concentrated milk whether or not sweetened, 105091:Manufacture of yoghurt, 105092:Manufacture of fermented milk eg mala, 105093:Manufacture of butter, ghee and cheese, 105094:Manufacture of ice cream and other edible ice such as sorbet(non-dairy ice cream), 105099:Manufacture of other dairy products n.e.c, 106111:Maize milling, 106112:Wheat milling, 106113:Rice milling, 106119:Other grain milling n.e.c, 106120:Vegetable milling: production of flour or meal of dried leguminous vegetables, of roots or tubers, or of edible nuts, 106130:Manufacture of cereal breakfast foods, 106190:Manufacture of other grain mill products n.e.c, 106210:Manufacture of glucose, glucose syrup, maltose, inulin etc., 106230:Manufacture of corn oil, 106290:Manufacture of other starches and starch products, 107110:Manufacture of bread and rolls, 107120:Manufacture of fresh pastry, cakes, pies, tarts etc., 107131:Manufacture of biscuits, 107139:Other manufacture of rusks, snack products(cookies, crackers etc), and other "dry" bakery products, 107190:Manufacture of other bakery products, 107210:Manufacture or refining of sugar (sucrose) and sugar

substitutes from the juice of cane, 107220:Manufacture of molasses, 107290:Manufacture of other sugar n.e.c eg jaggery, 107311:Manufacture of chocolate and chocolate confectionery, 107312:Manufacture of cocoa products, 107320:Manufacture of sugar confectionery: caramels, cachous, nougats, fondant, white chocolate, 107330:Manufacture of chewing gum, confectionery lozenges and pastilles, 107390:Manufacture of other cocoa, chocolate and sugar confectionery, 107410:Manufacture of pastas such as spaghetti, macaroni and noodles, whether or not cooked or stuffed, 107490:Manufacture of other macaroni, noodles, couscous and similar farinaceous products, 107500:Manufacture of prepared meals and dishes, 107601:Coffee curing including pulping, 107602:Roasting, grinding and blending of coffee, 107609:Manufacturing of other coffee products, 107700:Processing and blending of tea including manufacture of instant tea, 107810:Processing of salt into food-grade salt, e.g. iodized salt, 107820:Manufacture of special foods, such as: infant formula, baby foods, etc., 107830:Manufacture of spices, sauces and condiments, 107910:Processing of soya products n.e.c eg soya meat, 107900:Manufacture of other food products n.e.c., 108011:Manufacture of prepared feeds for pets, including dogs, cats, birds, fish etc., 108012:Manufacture of prepared feeds for farm animals, including animal feed concentrates and feed supplements, 108091:Preparation of unmixed (single) feeds for farm animals, 108092:Treatment of slaughter waste to produce animal feeds, 110110:Manufacture of spirit for production of whisky, brandy, gin, liqueurs., 110120:Manufacture of distilled, potable, alcoholic beverages: whisky, brandy, gin, liqueurs, excluding traditional liquors "mixed drinks" etc., 110190:Other distilling, rectifying and blending of spirits n.e.c excluding white spirits, 110200:Manufacture of wines, 110310:Manufacture of malt, 110320:Manufacture of malt liquors, such as beer, ale, porter and stout, 110390:Other manufacture of malt liquors and malt n.e.c, 110410:Manufacture of sodas including tonic water, 110420:Production of natural mineral waters and other bottled waters, 110430:Manufacture of non-alcoholic flavoured and/or sweetened waters: lemonade, orangeade, fruit drinks ,squashes eg treetop, quencher etc., 110440:Manufacture of non-alcoholic beverages such as energy drinks, except non-alcoholic beer and wine, 110490:Other manufacture of soft drinks; production of mineral waters and other bottled waters, 110910:Manufacture of traditional alcoholic beverages eg muratina, busaa, mnazi etc., 110990:Other manufacture of beverages n.e.c, 120010:Manufacture of tobacco products and products of tobacco substitutes except snuff: cigarettes, cigarette, 120020:Manufacture of snuff, 120090:Other manufacture of tobacco products, 131100:Preparation and spinning of textile fibres, 131200:Weaving of textiles, 131300:Finishing of textiles, 139100:Manufacture of knitted and crocheted fabrics, 139210:Manufacture, of made-up articles of any textile material, including of knitted or crocheted fabrics: blankets, pillows, 139221:Manufacture of tarpaulins and tents, 139229:Manufacture of camping goods, sails, sun blinds, loose covers for cars, machines or, 139290:Manufacture of other made-up textile articles, except apparel, 139300:Manufacture of carpets and rugs, 139410:Manufacture of cordage, rope, twine and netting from synthetic fibre, 139420:Manufacture of cordage, rope, twine and netting from natural fibre, 139910:Manufacture of labels, badges etc., 139920:Manufacture of tulles and other net fabrics, and of lace and embroidery, in the piece,, 139990:Manufacture of other textiles n.e.c., 141000:Manufacture of wearing apparel, except fur apparel, 142000:Manufacture of articles of fur, 143000:Manufacture of knitted and crocheted apparel, 151100:Tanning and dressing of leather; dressing and dyeing of fur, 151200:Manufacture of luggage, handbags and the like, saddlery and harness, 152000:Manufacture of footwear except plastic footwear parts., 161010:Sawing, planing and machining of wood ,slicing, peeling or chipping logs, 161020:Impregnation or chemical treatment of wood with preservatives or other materials, 161090:Other sawmilling and planing of wood, 162101:Manufacture of veneer sheets thin enough to be used for veneering, making plywood or other purposes;, 162102:Manufacture of plywood, veneer panels and similar laminated wood boards and sheets, 162109:Other manufacture of veneer sheets and wood-based panels, 162210:Manufacture of wooden goods intended to be used primarily in the construction industry, 162220:Manufacture of prefabricated buildings, or elements thereof, predominantly of wood, 162290:Other Manufacture of builders' carpentry and joinery, 162300:Manufacture of wooden containers, 162910:Weaving of basket, makuti, pakacha,mat etc., 162920:Manufacture of wooden mirror and picture frames,wooden frames for artists' canvases, wooden clothes hangers etc, including wood carvings., 162990:Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials n.e.c. 170110:Manufacture of bleached, semi-bleached or unbleached paper pulp by mechanical,, 170121:Manufacture of paper and paperboard intended for further industrial processing, 170122:Manufacture of newsprint and other printing or writing paper, 170130:Removal of ink and manufacture of pulp from waste paper, 170140:Manufacture of handmade paper, 170190:Other manufacture of pulp, paper and paperboard, 170201:Manufacture of containers of corrugated paper, paperboard and solid board, 170202:Manufacture of corrugated paper, paperboard and solid board, 170203:Manufacture of sacks and bags of paper, 170209:Other manufacture of corrugated paper and paperboard and of containers of paper and paperboard n.e.c, 170911:Manufacture of household and personal hygiene paper and cellulose wadding products, 170912:Manufacture of household and personal hygiene paper and cellulose wadding products2, 170913:Manufacture of textile wadding and articles of wadding: sanitary towels, tampons etc., 170921:Manufacture of printing , writing and photocopying papers, 170922:Manufacture of boxes, pouches, wallets and writing compendiums containing an assortment of paper stationery,envelopes and letter-cards,labels,, 170923:Manufacture of exercise books,registers, accounting books, binders, albums and similar educational and commercial stationery, 170990:Manufacture of other articles of paper and paperboard n.e.c, 181110:Printing of newspapers, magazines and other periodicals, books and brochures, maps, atlases, posters etc, 181120:Printing directly onto textiles, plastic, glass, metal, wood and ceramics (except silkscreen printing on textiles and wearing apparel), 181130:Printing of bank notes, currency notes, 181190:Other printing n.e.c, 181200:Service activities related to printing, 182000:Reproduction of recorded media, 191000:Manufacture of coke oven products, 192010:Production of motor fuel: gasoline, kerosene and light, medium and heavy fuel oil etc., 192020:Manufacture of oil-based lubricating oils or greases, including from waste oil, 192030:Manufacture of various products: white spirit, Vaseline, paraffin wax, petroleum jelly etc., 192040:Production of gaseous fuels(LPG), 192050:Manufacture of hard-coal and lignite fuel briquettes, 192090:Other manufacture of refined petroleum products, 201110:Manufacture of liquefied or compressed inorganic industrial or medical gases, 201120:Manufacture of dyes and pigments from any source in basic form or as concentrate, 201130:Manufacture of inorganic acids except nitric acid, alkalis, lyes and other inorganic bases except ammonia, 201140:Manufacture of basic organic chemicals, 201150:Manufacture of distilled water, 201190:Manufacture of other basic chemicals, 201210:Manufacture of fertilizers, 201220:Manufacture of associated nitrogen products, 201290:Manufacture of other fertilizers and nitrogen compounds n.e.c, 201310:Manufacture of plastics in primary forms, 201320:Manufacture of synthetic rubber in primary forms, 201390:Other Manufacture of plastics and synthetic rubber in primary forms n.e.c, 202110:Manufacture of insecticides, rodenticides, fungicides, herbicides, 202120:Manufacture of anti-sprouting products, plant growth regulators, 202130:Manufacture of disinfectants (for agricultural and other use), 202190:Manufacture of other agrochemical products n.e.c., 202210:Manufacture of paints and varnishes, enamels or lacquers, 202220:Manufacture of caulking compounds and similar non-refractory filling or surfacing preparations, 202230:Manufacture of printing ink, 202290:Other manufacture of paints, varnishes and similar coatings, printing ink and mastics, 202310:Manufacture of soap, 202320:Manufacture of surface-active preparations eg detergents, 202340:Manufacture of cleaning and polishing products, 202350:Manufacture of perfumes and toilet preparations, 202390:Other manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations, 202901:Manufacture of gelatine and its derivatives, glues and prepared adhesives, including rubber-based glues and adhesives, 202902:Manufacture of writing and drawing ink, 202903:Manufacture of matches, 202909:Manufacture of other chemical products n.e.c., 203000:Manufacture of man-made fibres, 210010:Manufacture of medicinal active substances, 210020:Manufacture of medicaments, 210030:Manufacture of veterinary preparations, 210090:Other manufacture of pharmaceuticals, medicinal chemical and botanical products n.e.c, 221110:Manufacture of rubber tyres for vehicles, equipment, mobile machinery, aircraft, toy, furniture and other uses; 221120:Tyre rebuilding and retreading, 221190:Other manufacture of rubber tyres and tubes products n.e.c, 221900:Manufacture of other rubber products, 222010:Manufacture of finished plastic products, 222020:Manufacture of builders' plastics ware, 222030:Manufacture of plastic tableware, kitchenware and toilet articles, 222090:Other manufacture of plastics products n.e.c, 231010:Manufacture of flat glass, 231020:Manufacture of glass mirrors, 231030:Manufacture of bottles and other containers of glass or crystal and, drinking glasses and other domestic glass or crystal articles, 231090:Other manufacture of glass and glass products, 239110:Manufacture of refractory mortars, concretes etc., 239120:Manufacture of refractory ceramic goods, 239190:Other manufacture of refractory products n.e.c, 239210:Manufacture of structural non-refractory clay building materials, 239220:Manufacture of flooring blocks in baked clay, 239290:Other manufacture of clay building materials, 239300:Manufacture of other porcelain and ceramic products, 239410:Manufacture of clinkers and hydraulic cements, including Portland, aluminous cement, slag cement and superphosphate cements, 239420:Manufacture of plasters of calcined gypsum or calcined sulphate, 239490:Other manufacture of cement, lime and plaster n.e.c, 239510:Manufacture of precast concrete, cement or artificial stone articles for use in construction, 239520:Manufacture of prefabricated structural components for buildings or civil engineering of cement, concrete or artificial stone, 239530:Manufacture of ready-mix and dry-mix concrete and mortars, 239590:Other manufacture of articles of concrete, cement and plaster, 239610:Cutting, shaping and finishing of stone for use in construction, in cemeteries, on roads, as roofing etc., 239690:Other cutting, shaping and finishing of stone n.e.c, 239900:Manufacture of other non-metallic mineral products n.e.c., 241010:Operation of blast furnaces, steel converters, rolling and finishing mills, 241020:Production of ferrous products by direct reduction of iron and other spongy ferrous eg steel bars products, 241030:Manufacture of wire of steel by cold drawing or stretching, 241090:Other manufacture of basic iron and steel n.e.c, 242010:Production and refining of unwrought or wrought precious metals: gold, silver, platinum etc. from ore and scrap, 242090:Other manufacture of basic precious and other non-ferrous metals n.e.c, 243100:Casting of iron and steel, 243200:Casting of non-ferrous metals eg Aluminium, 251110:Manufacture of metal frameworks or skeletons for construction and parts thereof (towers, masts, trusses, bridges etc.), 251120:Manufacture of metal doors, windows and their frames, shutters and gates, 251130:Manufacture of prefabricated buildings mainly of metal, 251190:Other manufacture of structural metal products, 251210:Manufacture of reservoirs, tanks and similar containers of metal, of types normally installed as fixtures for storage or manufacturing use, 251220:Manufacture of metal containers for compressed or liquefied gas, 251230:Manufacture of central heating boilers and radiators,

251290:Other manufacture of tanks, reservoirs and containers of metal n.e.c., 251300:Manufacture of steam generators, except central heating hot water boilers, 252000:Manufacture of weapons and ammunition, 259100:Forging, pressing, stamping and roll-forming of metal; powder metallurgy, 259200:Treatment and coating of metals; machining, 259310:Manufacture of cutlery such as knives, forks, spoons, cleavers, choppers, razors, razor blades, scissors, hair clippers etc., 259321:Manufacture of hand tools such as pliers, screwdrivers, press tools, blacksmiths' tools, drills, punches, milling cutters etc., 259322:Manufacture of non-power-driven agricultural hand tools, 259330:Manufacture of padlocks, locks, keys, hinges and the like, hardware for buildings, furniture, vehicles etc., 259340:Manufacture of general hardware (saws and sawblades, including circular sawblades and chainsaw blades, moulding boxes, vices, clamps etc.), 259350:Manufacture of cutlasses, swords, bayonets etc., 259390:Other manufacture of cutlery, hand tools and general hardware, 259910:Manufacture of articles made of wire: barbed wire, wire fencing, grill, netting, cloth etc., 259920:Manufacture of metal fasteners (nails, rivets, tacks, pins, staples, washers, and similar non-threaded products and nuts, bolts, screws and other threaded products), 259930:Manufacture of containers such as pails, drums, buckets, boxes tins and cans for food products and boxes, 259940:Manufacture of metal household articles (plates, saucers, pots, kettles, saucepans, metal scouring pads, frying pans and other non-electrical utensils, small hand-operated kitchen appliances and accessories), 259950:Manufacture of metal sanitaryware such as baths, sinks, washbasins and similar articles, 259960:Manufacture of reinforced safes, vaults, strongroom doors, gates and metal goods for office use (other than office furniture) and other purposes, 259990:Other manufacture of other fabricated metal products n.e.c., 261001:Loading of components onto printed circuit boards, 261009:Other manufacture of electronic components and boards, 262000:Manufacture or assembling of computers and peripheral equipment, 263000:Manufacture of communication equipment, 264000:Manufacture of consumer electronics eg television, speakers, dvd players, radio receivers etc, 265100:Manufacture of measuring, testing, navigating and control equipment, 265200:Manufacture of watches and clocks, 266000:Manufacture of irradiation, electromedical and electrotherapeutic equipment, 267000:Manufacture of optical instruments and photographic equipment, 268000:Manufacture of magnetic and optical media, 271000:Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus, 272010:Manufacture of primary cells and primary batteries, 272090:Other manufacture of batteries and accumulators, 273100:Manufacture of fibre optic cables, 273200:Manufacture of other electronic and electric wires and cables, 273310:Manufacture of switch, switch box, lamp holders, lugs etc., 273320:Manufacture of electrical conduit and fitting, 273330:Manufacture of plastic non current-carrying wiring devices including plastic junction boxes, face plates, and similar, plastic pole line fittings, 273390:Other manufacture of wiring devices n.e.c., 274000:Manufacture of electric lighting equipment, 275010:Manufacture of domestic non-electric cooking and heating equipment such as non-electric space heaters, cooking ranges, grates, stoves, water heaters, cooking appliances, plate warmers, 275090:Other manufacture of domestic appliances n.e.c., 279000:Manufacture of other electrical equipment, 281100:Manufacture of engines and turbines, except aircraft, vehicle and cycle engines, 281200:Manufacture of fluid power equipment, 281310:Manufacture of hand pumps, 281390:Other manufacture of other pumps, compressors, taps and valves n.e.c., 281400:Manufacture of bearings, gears, gearing and driving elements, 281500:Manufacture of ovens, furnaces and furnace burners, 281600:Manufacture of lifting and handling equipment, 281700:Manufacture of office machinery and equipment (except computers and peripheral equipment), 281800:Manufacture of power-driven hand tools, 281910:Manufacture of weighing machinery (other than sensitive laboratory balances);, 281990:Manufacture of other general-purpose machinery, 282110:Manufacture of ploughs, manure spreaders, seeders, harrows and similar agricultural machinery for soil preparation, planting or fertilizing, harvesting or threshing machinery,, 282120:Manufacture of walking (pedestrian-controlled) tractors, 282130:Manufacture of diverse agricultural machinery such as poultry-keeping machinery, 282190:Other manufacture of agricultural and forestry machinery n.e.c., 282200:Manufacture of metal-forming machinery and machine tools, 282300:Manufacture of machinery for metallurgy, 282400:Manufacture of machinery for mining, quarrying and construction, 282510:Manufacture of machinery for the grain milling industry,, 282520:Manufacture of presses, crushers etc. used to make wine, cider, fruit juices etc., 282530:Manufacture of machinery for the bakery industry or for making macaroni, spaghetti or similar products, 282590:Other manufacture of machinery for food, beverage and tobacco processing, 282610:Manufacture of textile machinery such as weaving machines (looms), including hand looms, 282690:Other manufacture of machinery for textile, apparel and leather production n.e.c., 282900:Manufacture of other special-purpose machinery, 291001:Manufacture of passenger and commercial cars, 291002:Assembling of motor vehicles, 292010:Manufacture of bodies (coachwork) for motor vehicles;, 292020:Manufacture of trailers and semi-trailers, 293010:Manufacture of diverse parts and accessories for motor vehicles such as brakes, gearboxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, 293020:Manufacture of car seats, 293090:Other manufacture of parts and accessories for motor vehicles, 301100:Building of ships and floating structures, 301200:Building of pleasure and sporting boats, 302000:Manufacture of railway locomotives and rolling stock, 303000:Manufacture of air and spacecraft and related machinery, 304000:Manufacture of military fighting vehicles, 309100:Manufacture and assembling of motorcycles, 309200:Manufacture of bicycles and invalid carriages, 309900:Manufacture of other transport equipment n.e.c., 310010:Manufacture of furniture made of wood, 310020:Manufacture of furniture primarily of metal, 310030:Manufacture of furniture primarily of plastic, 310040:Manufacture of mattresses and pillows, 310090:Manufacture of other furniture n.e.c., 321100:Manufacture of jewellery and related articles, 321200:Manufacture of imitation jewellery and related articles, 322000:Manufacture of musical instruments, 323000:Manufacture of sports goods, 324000:Manufacture of games and toys, 325000:Manufacture of medical and dental instruments and supplies, 329010:Manufacture of brooms and brushes, including brushes constituting parts of machines, hand-operated mechanical floor sweepers, mops and feather dusters, paint brushes, paint pads and rollers, squeegees and other brushes, brooms, mops etc., 329020:Manufacture of stationary articles n.e.c. such as pens and pencils of all kinds whether or not mechanical, pencil leads, date, sealing or numbering stamps,, 329030:Manufacture of articles of personal use: smoking pipes, scent sprays, vacuum flasks and other vacuum vessels for personal or household use, wigs, false beards, eyebrows, 329090:Other manufacturing n.e.c., 331100:Repair of fabricated metal products, 331210:Repair and maintenance of engines and turbines excluding aircraft, vehicle and cycle engines, 331220:Repair and maintenance of pumps and related equipment, fluid power equipment, valves, 331230:Repair and maintenance of metal cutting and metal forming machine tools and accessories, power-driven hand-tools and other machine tools, 331240:Repair and maintenance of agricultural machinery and forestry and logging machinery including agricultural tractors, 331250:Repair and maintenance of mining, construction, and oil and gas field machinery; metallurgy machinery, 331260:Repair and maintenance of food, beverage, and tobacco processing machinery, 331290:Other repair of machinery n.e.c., 331300:Repair of electronic and optical equipment, 331410:Repair and maintenance of electric motors, generators, and motor generator sets, 331490:Other repair of electrical equipment, 331510:Repair and routine maintenance of ships and boats, 331520:Repair and maintenance of locomotives and railroad cars (except factory rebuilding or factory conversion), 331530:Repair and maintenance of aircraft (except factory conversion, factory overhaul, factory rebuilding), 331590:Other repair of transport equipment, except motor vehicles, 331900:Repair of other equipment, 332010:Installation of industrial machinery in industrial plant, 332020:Installation of industrial process control equipment, 332030:Installation of communication equipment eg broadcast equipment,, 332090:Installation of other industrial equipment n.e.c., 351011:Electric power generation by hydroelectric power plants, 351012:Electric power generation by non-coal based thermal (e.g. diesel, gas ), 351013:Electric power generation using solar energy, 351014:Electric power generation using Geothermal , 351015:Electric power generation using Wind Power, 351019:Other sources of electric power generation, 351020:Electric power transmission, 351030:Electric power distribution, 351090:Other electric power generation, transmission and distribution, 352010:Manufacture of gas; distribution of gaseous fuels through mains, 352020:Other related services(eg arranging for sale of natural gas), 353010:Production of ice, including ice for food and non-food (e.g. cooling) purposes, 353090:Other steam and air conditioning supply, 360001:distribution of water through mains, by trucks or other means, 360002:operation of irrigation canals, 360009:Other water collection, treatment and supply eg rain water, etc, 370010:The operation and maintenance of sewer systems, 370020:Collecting and transporting of human or industrial waste water or rain water by means of sewerage networks, collectors, tanks and other means of transport (sewage vehicles etc.), 370030:Treatment of waste water or sewer by means of physical, chemical or biological processes, 381110:Collection of non-hazardous solid waste (i.e. garbage) within a local area, such as collection of waste from households and businesses by means of refuse bins, wheeled bins, containers etc may include mixed recoverable materials, 381120:collection of recyclable materials, 381190:Other collection of non-hazardous waste, 381200:Collection of hazardous waste, 381220:operation of waste transfer stations for hazardous waste, 382100:Treatment and disposal of non-hazardous waste, 382200:Treatment and disposal of hazardous waste, 383000:Materials recovery, 390000:Remediation activities and other waste management services, 410010:Construction of all types of residential buildings, 410020:Construction of all types of non-residential buildings, 410030:Assembly and erection of prefabricated constructions on the site, 421010:Construction of motorways, streets, roads, other vehicular and pedestrian ways, 421020:Surface work on streets, roads, highways, bridges or tunnels, 421030:Construction of bridges, including those for elevated highways, 421040:Construction of railways and subways, 421090:Other construction of roads and railways, 422111:Construction of power distribution lines, 422112:Construction of power transmission lines, 422121:Construction of pipelines, 422122:Construction of communication lines , 422130:Water main and line construction and irrigation systems (canals), 422140:Construction of reservoirs eg water tanks, treatment plants, bulk water storage tanks installation, 422151:Construction of sewer systems, including repair and sewage disposal plants, 422152:Construction of domestic sewers(Biogas digester/septic tanks), 422160:Construction of pumping stations and power plants, 422170:Water well drilling except boreholes, 422190:Construction of other utility projects, 422210:Borehole drilling, 422220:Borehole equipping, 429010:Construction of industrial facilities, except buildings,, 429020:Construction of dams and dykes, waterways, harbour and river works, pleasure ports (marinas), locks, etc, 429030:Dredging of waterways, 429040:Construction work, other than buildings such as outdoor sports facilities, 429050:Land subdivision with land improvement (e.g. adding of roads, utility infrastructure), 431100:Demolition or wrecking of buildings and other structures,

431210:Clearing of building sites, earth moving: excavation, landfill, levelling and grading of construction sites, trench, 431220:Drilling, boring and core sampling for construction, geophysical, geological or similar purposes, 431230:Site preparation for mining(except for oil and gas sites), 431240:Building site drainage excluding utility facilities, 431290:Other site preparation activities, 432111:Structured cabling and IP telephony installation including Audio Visual systems eg Conferenc systems, Public Address, Video Conference systems ,Data/Voice cabling, Network equipment, IP telephony, , 432113:Instrumentation and PLC systems including Security and Access Control systems eg CCTV surveillance system, Access control, Alarm systems, parking management system eg Electronic Control Systems, Digital , 432119:Other Installation of electrical systems, 432120:Connecting of electric appliances and household equipment, including baseboard heating, 432130:Installation and Maintenance of Generators , 432140:Installation of wireless communication system eg GSM, TDMA/CDMA telecommunication systems, radio communications,broadcast equipment., 432211:Plumbing and sanitary equipment,Domestic water storage, 432212:Boilers, Incinerators ,Compressed air, hydraulic liquified petroleum and medical gas installation, gas pipe handling, gas reticulation,air conditioning, 432213:Installation of Automatic fire suppression system, 432219:Other plumbing, heating and air-conditioning systems installation in buildings or other construction projects, 432210:Plumbing, heating and air-conditioning systems installation in buildings or other construction projects, 432220:Duct work installation, 432911:Installation and maintenance of elevators, escalators,Skywalks, Lift hoists, mechanical ramps, travellators, conveyors and belt ins, 432919:Other construction installation in buildings., 432921:Construction, installation and testing of gas/petrol stations oil/gas reticulation, oil/gas storage tanks, 432929:Installation in other construction projects, 433100:Interior and exterior painting of buildings and Other civil engineering structures, 433910:Application in buildings or other construction projects of interior and exterior plaster or stucco, including related lathing materials, 433920:Installation of doors (except automated and revolving), windows, door and window frames, of wood or other materials, 433931:Installation of furniture, fitted kitchens, staircases, shop fittings and the like, 433932:Glazing( Installation of glass mirrors including structural glass etc), 433941:Interior completion - gypsums, 433942:Other interior completion such as ceilings, wooden wall coverings, movable partitions, etc., 433951: Ceramic, concrete or cut stone wall or floor tiles, ceramic stove fitting, 433952:Parquet and other wooden floor coverings, 433953: Carpets and linoleum floor coverings, including of rubber or plastic, 433954:Terrazzo floor or wall coverings, 433955:Marble, granite or slate floor or wall coverings, 433959:Other laying, tiling, hanging or fitting in buildings or other construction projects, 433960:Cleaning of new buildings after construction, 433970:Interior installation of shops, mobile homes, boats etc, 433990:Other building completion work n.e.c., 439100:Structural steel erectors, 439200:Roof covering for residential buildings and minor repairs, 439910:Other construction activities specializing in one aspect common to different kind of structures, requiring specialized skill or equipment, 439920:Construction of outdoor swimming pools, 439930:Steam cleaning, sand blasting and similar activities for building exteriors, 439940:Renting of cranes with operator and other construction equipment, 451010: Sale of new motor vehicles, 451020: sale of used motor vehicles, 452000: Maintenance and repair of motor vehicles, 453000: Sale of motor vehicle parts and accessories, 454010: Sale of motorcycles and related parts and accessories, 454020: maintenance and repair of motorcycles, 461000: Wholesale on a fee or contract basis, 462001: Wholesale of agricultural raw materials, 462002: Wholesale of live animals, 463011: wholesale of tea, 463012: wholesale of coffee, 463013: wholesale of dairy products, 463014: wholesale of eggs and egg products, 463015: wholesale of meat and meat products, 463019: other Wholesale of food products n.e.c , 463021: Wholesale of beer, 463022: Wholesale of wines and spirits, 4630210: Wholesale of natural mineral water and other bottled water, 4630220: Wholesale of soft drinks, 463040: Wholesale of tobacco products, 463050: Wholesale of Khat(miraa) and related products, 464101: Wholesale of textiles, 464102: Wholesale of clothing, 464103: Wholesale of footwear, 464200: Wholesale of second hand textiles, clothing and footwear, 465100: Wholesale of computers, computer peripheral equipment and software, 465200: Wholesale of electronic and telecommunications equipment and parts, 465300: Wholesale of agricultural machinery, equipment and supplies, 465900: Wholesale of other machinery and equipment, 466100: Wholesale of solid, liquid and gaseous fuels and related products, 466200: Wholesale of metals and metal ores, 466301:wholesale of wood and wood products, 466302:wholesale of paint and varnish, 466303:wholesale of construction(sand and gravel) materials, 466304:wholesale of wallpaper ,floor coverings, fitting and fixtures, 466305:wholesale of glass, 466306:wholesale of hardware , locks and tools such as hammers, saws, screwdrivers and other hand tools, 466307:wholesale of electrical equipment and fittings, 466308:wholesale of sanitary and sanitary installation equipment, 466309:other Wholesale of construction materials, hardware, plumbing and heating equipment and supplies n.e.c, 466901:wholesale of industrial chemicals, 466902:wholesale of fertilizers and agrochemical products, 466903:wholesale of non-metallic products except cement, sand and gravel, 466904: Wholesale of scrap metals waste and junk, 466905:wholesale of scrap except metals, 466909:wholesale of other waste and scrap and products n.e.c, 471110:Retail sale in non specialized self selection stores with food, beverages or tobacco predominating, 471190:Retail sale in other non-specialized stores with food, beverages or tobacco predominating, 471910:Retail sale in non specialized self selection stores where food, beverages or tobacco is not predominating, 471990:Retail sale in other non-specialized stores where food, beverages or tobacco is not predominating, 472110:Fresh or preserved fruit and vegetables (groceries), 472120:Dairy Products and eggs, 472130:Meat and Meat products ( including Poultry, fish,other seafoods and products there of), 472140: Bakery Products and Sugar confectionary, 472190:other food products, 472210: Retail sale in Liquor stores, 472220:Retail sale of non-alcoholic beverages in specialised stores, 472300: Retail sale of tobacco products in specialized stores, 473010:Retail sale of fuel for motor vehicles and motorcycles, 473020:Retail sale of lubricating products and cooling products for motor vehicles, 474110:Retail sale of computers, computer peripheral equipment, video game consoles, 474120:Retail sale of cellular phones , parts and accessories, 474130:Retail sale of non-customized software, including video games, 474140:Retail sale of other telecommunication equipment, 474200: Retail sale of audio and video equipment in specialized stores, 475110:Retail sale of fabrics and textiles, 475120:Retail sale of knitting yarn, 475130:Retail sale of haberdashery, basic materials for rug, tapestry or embroidery making, 475210:Retail sale of general hardware, 475220:Retail sale of paints, varnishes and lacquers, 475230:Retail sale of flat glass, 475240:Retail sale of other building material such as bricks, wood, sanitary equipment, 475310:Retail sale of carpets and rugs, 475320:Retail sale of curtains and net curtains, 475330:Retail sale of wallpaper and floor coverings, 475390:Other Retail sale of carpets, rugs, wall and floor coverings in specialized stores n.e.c, 475400: Retail sale of small agricultural machinery, equipment and supplies, 475910:Retail sale of household furniture including wooden, cork and wickerwork goods, 475920:Retail sale of articles for lighting, 475930:Retail sale of household utensils and cutlery, crockery, glassware, china and pottery, 475940:Retail sale of musical instruments and scores, 475950:Retail sale of security systems, such as locking devices, safes, and vaults, without installation or maintenance services, 475990:Retail sale of household articles and equipment n.e.c., 476110:Retail sale of stationery, office supplies and books of all kinds, 476120:Retail sale of newspapers and magazines, 476200: Retail sale of music and video recordings in specialized stores, 476300: Retail sale of sporting equipment in specialized stores, 476400: Retail sale of games and toys in specialized stores, 477110:Retail sale of articles of clothing, 477120:Retail sale of footwear and leather goods, 477190: other retail sale of clothing, footwear and leather articles in specialized stores n.e.c, 477210:Retail sale of pharmaceuticals, 477220:Retail sale of medical and orthopaedic goods, 477230:Retail sale of perfumery and cosmetic articles, 477310:Retail sale of photographic, optical and precision equipment, 477320:Activities of opticians, 477330:Retail sale of watches, clocks and jewellery, 477341:Retail sale of flowers, plants, 477342:Retail sale of seeds, fertilizers and pet food, 477343:Retail sale of pet animals , 477351:Retail sale of kerosene, 477352:Retail sale of lpg, 477353:Retail sale of charcoal and fuel wood, 477359:Other retail sale of household fuel oil, bottled gas, coal and fuel wood, 477360:Retail sale of souvenirs, craftwork and religious articles, 477370:Retail sale of cleaning materials, 477380:Activities of commercial art galleries, 477390:Retail sale of non-food products n.e.c., 477400: Retail sale of second-hand goods excluding motor vehicles, 478110: Retail sale via stalls and markets of food, 478120: Retail sale via stalls and markets of beverages and tobacco products, 478200: Retail sale via stalls and markets of textiles, clothing and footwear, 478900: Retail sale via stalls and markets of other goods, 479100: Retail sale via mail order houses or via Internet, 479900: Other retail sale not in stores, stalls or markets, 491110:Passenger rail transport between cities/ towns, 491210:Freight rail transport, 492110:Short distance Passenger transport (Matatus and Mini buses), 492120:Three wheelers Passenger Transport (Tuk Tuk/Rickshaw), 492130:Motorcycle/Bicycle Passenger Transport (Boda Boda), 492140:Passenger rail transport within cities/ towns, 492210:Scheduled and unscheduled long distance Bus Service, 492220:Passenger transport activities related to Charters, excursions, Tours & Travels and other occasional coach services, 492230:Taxi operation and airport shuttles, 492240:School Transport and Transport of employees, 492290:Other forms of Passenger Transport ( e.g Donkey, Mkokoteni), 492310:Freight transport by road formal, 492321:Freight transport by road informal(tractors), 492329:Freight transport by road informal(other forms), 492330:Hearse services, 492340:Transport of waste and waste materials (excludes Honey suckers in 3700), 492350:Furniture removal and Transportation services, 492390:Other Freight transport by road(e.g handcarts and Animal drawn Carts), 493010:Transport Petroleum products via pipeline, 493020:Long distance transport of water via pipeline, 493030:Transport of gas via pipeline, 501110:Transport of passengers over seas and coastal waters by ships(excluding cruise, excursion and sightseeings ships), 501120:Operation of excursion, cruise or sightseeing boats, 501130:Operation of ferries, 501140:Operation of Passenger boats, 501150:Renting of pleasure boats with crew, 501210:Sea and Ocean Freight transport, 501220:inter island freight transport, 502110:Transport of passengers over inland waters by ships(excluding cruise, excursion and sightseeings ships), 502120:Operation of excursion, cruise or sightseeing boats, 502130:Operation of inland ferries, 502140:Operation of inland Passenger boats, 502150:Renting of inland pleasure boats with crew, 502210:Inland Freight transport, 502220:Inter island freight transport, 502290:Other forms of inland freight transport (e.g Towing and pushing of inland water vessels), 511010:Transport of Passengers by air over regular routes and on regular schedules., 511020:Charter flights for passengers(including renting of air transport equipment with operators), 511030:Scenic and sightseeing flights ( including passenger of aeroclubs for instruction or pleasure), 512010:Transport of freight by air over regular routes and on regular schedules., 512120:Non Scheduled air Freight transport (including renting of air transport equipment with operators), 512130:Launching of satellites and space vehicles, 512190:Other Fright air transport (e.g launching transport using drones), 521010:Grain Silos, 521020:Custom



Bonded warehouse, 521030: Cold storage, including blast freezing, 521040: Storage tank, 521050: Storage of goods in foreign trade zones, 521060: General warehousing and storage activities, 522110: Operation of railway stations, 522120: Operation of bus stations, stations for the handling of goods, 522130: Operation of railroad infrastructure, 522140: Operation of roads, bridges, tunnels, car parks or garages, bicycle parkings, 522150: Breakdown services -towing and road side assistance, 522200: Service activities incidental to water transportation, 522310: Operation of terminal facilities such as airway terminals etc., 522320: Airport and air-traffic-control activities, 522330: Ground service activities on airfields etc.™, 522410: Loading and unloading of goods or passengers' luggage irrespective of the Mode of transport used for transportation, 522420: Stevedoring, 522430: Loading and unloading of freight railway cars, 522910: Forwarding of freight, 522920: Logistics activities, i.e. planning, designing and supporting operations of transportation, warehousing and distribution, 522930: Issue and procurement of transport documents and waybills; Activities of customs agents; Activities of sea-freight forwarders and air-cargo agents; Brokerage for ship and aircraft space, 522940: Arranging or organizing of transport operations by rail, road, sea or air; Organization of group and individual consignments (including pickup and delivery of goods and grouping of consignments), 522950: Goods-handling operations, e.g. temporary crating for the sole purpose of protecting the goods during transit, uncrating, sampling, weighing of goods, 532000: Courier activities, 551011: Hotels, 551012: Resort, 551013: Lodges, 551020: Guesthouses, 551031: Suite / apartment hotels, 551032: Cottages, 551033: Visitor flats and bungalows, 551040: Lodgings, 551050: Youth hostels, 551090: Other Short term accommodation activities n.e.c., 552010: Camping grounds, 552090: Other recreational facilities eg recreational vehicle parks and trailer parks, 553000: Student residences/hostels, 559000: Other accommodation except student residence, 561011: Restaurants, 561012: Cafeterias, 561013: Fast-food restaurants, 561020: Take-out /take-away eating places, 561030: Food preparation in market stalls/kiosks, 561040: Ice cream vendors, 561050: Meat eateries, 561090: Other food service activities n.e.c., 562100: Event catering, 562910: Activities of food service contractors (e.g. for transportation companies), 562920: Operation of food concessions at sports and similar facilities, 562930: Operation of canteens or cafeterias (e.g. for factories, offices, hospitals or schools) on a concession basis, 563010: Bars, lounges, taverns, beer parlors and pubs, 563020: Discotheques (with beverage serving predominant), 563030: Coffee shops, 563040: Fruit juice bars, 563050: Mobile beverage vendors, 581110: Publishing of books, brochures, leaflets and similar publications, including publishing encyclopedias (including on CD-ROM), 581120: Publishing of atlases, maps and charts, 581130: Publishing of audio books, 581200: Publishing of directories and mailing lists, 581310: Publishing of newspapers, 581320: Publishing of journals and periodicals, 581900: Other publishing activities, 582010: Publishing of operating systems and system software, 582020: Publishing of operating business and other applications, 582030: Publishing of computer games for all platforms, 591110: Production of motion picture, 591120: Video production, 591130: Production of television programmes or television commercials, 591210: Post production activities of motion picture, 591220: Post production activities of television programmes or television commercials, 591230: Post production activities of video production, 591310: Motion picture distribution, 591320: Distribution of video tapes, CD and DVDs, 591330: Distribution of television programme, 591410: Motion picture or video tape projection in cinemas, in the open air or in other projection facilities, 591420: Activities of cine-clubs, 592010: Activities of sound recording in studio or elsewhere, 592020: Activities of music publishing, 601011: Over-the-air broadcasts, 601012: Radio broadcasting over cable or satellite, 601020: Radio broadcasting activities over the internet (internet radio stations), 601090: Radio broadcasting activities n.e.c., 602010: creation of a complete television channel programme( from purchased, self produced programme components or combination thereof), 602020: programming of video-on-demand channels, 602090: Television programming and broadcasting activities n.e.c. 61100: Wired telecommunications activities, 612010: Operating, maintaining or providing access to facilities for the transmission of voice, data, text, sound, and video using a wireless telecommunications infrastructure, 612020: Provision of internet access by the operator of the wireless infrastructure, 612090: Wireless telecommunications activities n.e.c., 613000: Satellite telecommunications activities, 619000: Other telecommunications activities, 620110: Designing the structure and content of, and/or writing the computer code necessary to create and implement, 620120: Customizing of software, i.e. modifying and configuring an existing application so that it is functional within the clients' information system environment, 620210: Planning and designing of computer systems that integrate computer hardware, software and communication technologies, 620220: Provision of on-site management and operation of clients' computer systems and/or data processing facilities, as well as related support services, 620910: computer disaster recovery, 620920: personal computers and software installation, 631110: provision of infrastructure, 631120: Hosting services, 631130: Data processing activities, 631140: Related activities, 631200: Web portals, 639100: News agency activities, 639900: Other information service activities n.e.c., 641100: Central banking, 641200: Commercial banks, 641300: Microfinance, 641400: Mortgage Finance, 641500: Saving and credit cooperative Societies, 641910: Mobile money lenders, 641990: Other monetary intermediation n.e.c., 642000: Activities of holding companies, 643000: Trusts, funds and similar financial entities, 649100: Financial leasing, 649210: Thrift and loan societies and credit associations, 649220: Pawnbrokerage, 649230: Money-lending/Shylocks, 649290: Other credit agencies n.e.c. (eg motor finance), 649911: Mobile money, 649919: Other Money remittance providers, 649920: Banking agents, 651100: Life insurance, 651210: Health insurance, 651290: Other Non-life insurance, 652000: Reinsurance, 653000: Pension funding, 661100: Administration of financial markets, 641210: Forex Bureaus, 641220: Stock Brokers, 661290: Other Security and commodity contracts brokerage n.e.c., 661910: Trustee, fiduciary and custody services on a fee or contract basis, 661920: Financial transaction processing and settlement activities, including for credit card transactions, 661930: Investment advisory services, 661940: Activities of mortgage advisers and brokers, 662100: Risk and damage evaluation, 662210: Activities of insurance agents, 662220: Activities of insurance brokers, 662900: Other activities auxiliary to insurance and pension funding, 663010: management of pension funds, 663020: management of mutual funds, 663030: management of other investment funds, 681010: Buying and selling of residential and non residential buildings and land, 681021: residential, 681022: non residential, 681030: Operating of furnished/serviced apartments (owned or leased), 681040: Real estate developers of own property for leasing or sale( construction work done by a separate entity at a fee), 681090: Real estate activities with own or leased property n.e.c., 682010: activities of real estate agents and brokers, 682020: Intermediation in buying, selling and renting of real estate on a fee or contract basis, 682030: Management of real estate on a fee or contract basis, 682040: Appraisal services for real estate, 682090: Real estate activities on a fee or contract basis n.e.c., 691000: Legal activities, 692010: Accounting and bookkeeping, 692020: Auditing activities, 692030: Tax consultancy, 701000: Activities of head offices, 702000: Management consultancy activities, 711011: Building design and drafting, 711012:™™ Town and city planning and landscape architecture, 711020: Engineering design and consulting activities, 711030: Environmental engineering design and consultancy services, 711040: land and boundary surveying activities including cartographic and spatial information activities, 712000: Technical testing and analysis, 721000: Research and experimental development on natural sciences and engineering, 722000: Research and experimental development on social sciences and humanities, 731010: Creation and realization of advertising campaigns; 731020: Conducting marketing campaigns and other advertising services aimed at attracting and retaining customers, 732000: Market research and public opinion polling, 741010: Fashion design related to textiles, wearing apparel, shoes, jewelry, furniture and other fashion goods as well as other personal or household goods, 741020: activities of graphic and industrial design,, 741030: activities of interior decorators, 742010: commercial and consumer photograph production; and microfilming of documents, 742020: film processing, 742030: activities of photojournalists, 749010: activities of quantity surveyors, 749020: security consulting, 749030: agronomy consulting, 749090: Other professional, scientific and technical activities n.e.c., 750000: Veterinary activities, 771010: Renting and leasing of passenger vehicles, 771020: Renting and leasing of trucks and trailers, 771090: Renting and leasing of other motor vehicles n.e.c., 772100: Renting and leasing of recreational and sports goods, 772200: Renting of video tapes and disks, 772910: Renting of tent, furniture, pottery and glass, kitchen and tableware, utensils,, 772920: Renting of household electrical and electronic equipments etc., 772990: Renting and leasing of other personal and household goods n.e.c., 773010: Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries; 773020: Renting and operational leasing of transport equipment without operator, 773030: Renting and operational leasing of agricultural, fishery and forestry machinery and equipment without operator; 773040: Renting and operational leasing of construction and civil-engineering machinery and equipment without operator; 773090: Renting and leasing of other machinery, equipment and tangible goods n.e.c., 774000: Leasing of intellectual property and similar products, except copyrighted works, 781000: Activities of employment placement agencies, 782000: Temporary employment agency activities, 783000: Other human resources provision, 791100: Travel agency activities, 791200: Tour operator activities, 799000: Other reservation service and related activities, 801000: Private security activities, 802000: Security systems service activities, 803000: Investigation activities, 811000: Combined facilities support activities, 812100: General cleaning of buildings, 812910: disinfecting and exterminating activities, 812920: cleaning of trains, planes, etc., 812930: Exterior cleaning of buildings of all types, including offices, factories, shops, institutions and other business and professional premises and multiunit residential buildings, 812990: Other building and industrial cleaning activities, n.e.c., 813000: Landscape care and maintenance service activities, 821100: Combined office administrative service activities, 821900: Photocopying, document preparation and other specialized office support activities, 822000: Activities of call centres, 823000: Organization of conventions and trade shows, 829100: Activities of collection agencies and credit bureaus, 829200: Packaging activities, 829900: Other business support service activities n.e.c., 841111: National executive, 841112: Legislative administration, 84112: Public administration, 84113: County government, 841130: Public administration and supervision of fiscal affairs, 841140: Ancillary services activities for the government as whole, 841190: General public administration activities n.e.c., 841210: Regulatory agencies relating to health, 841220: Regulatory agencies relating to education, 841290: Regulatory agencies relating to other social services n.e.c. excluding social security, 841301: Public administration and regulation, including subsidy allocation, for different economic sectors; 841302: Administration of r&d policies and associated funds to improve economic performance, 841303: Administration of general labour affairs eg cotu, 841304: Implementation of regional development policy measures, e.g. to reduce unemployment( national employment authority), 842100: Foreign affairs, 842200: Defence activities, 842310: judiciary and related services, 842320: Police, 842330: Prisons, 842390: Public order and safety activities n.e.c.,

84300:Compulsory social security activities, 851010:Pre-primary, 851020: primary education, 852100:General secondary education, 852210: vocational secondary education, 852220:Technical secondary education, 853010:University education, 853020:Polytechnics, 853030:Commercial colleges offering higher education, 853041:Medical Training Colleges , 853042:Kenya School of Government (KSG) , 853043: Other Training Institutions under Government Ministries and Agencies , 853044:Agriculture and related Training Institutions , 853045:National Youth Service , 853046: Technical Vocational Colleges , 853047:Vocational Training Centres , 853048: Vocational Rehabilitation Centres , 853049:Other training Institutes n.e.c , 854100:Sports and recreation education, 854200:Cultural education, 854910:Driving schools, 854920:Flying schools, 854990:Other education n.e.c., 855000:Educational support activities, 861000:Hospital activities, 862010: Medical practice activities, 862020: Dental practice activities, 869010: Medical laboratories , 869020:X-ray laboratories and other diagnostic imaging centres, 869030: Home healthcare services, 869040:Activities of herbalists, 869050:Activities of birth attendants, 869090:Other human health activities n.e.c, 871000:Residential nursing care facilities, 872000:Residential care activities for mental retardation, mental health and substance abuse, 873000:Residential care activities for the elderly and disabled, 879000:Other residential care activities, 881000:Social work activities without accommodation for the elderly and disabled, 889100:Child and youth service activities, 889200:Other individual and family service activities, 889300:Community food and housing service activities, 889400:Temporary shelters, 889500: Emergency and relief activities, 889600:Vocational rehabilitation and habilitation activities, 889700:Child day care service activities, 889800:Charitable or other supporting activities aimed at social work, 889900:Other social work activities without accommodation n.e.c., 910101:Library activities, 910102:archives activities, 910210:Museums activities, 910220: Operation of historical sites and buildings, 910230:Art galleries, 910310:Operation of botanical and zoological gardens, including animal orphanages, nature trail, arboretum, 910321:National Parks, 910322:Game reserves, 910323:Conservancies, 910324:Marine parks, 920010:sale of lottery tickets, 920020:Casinos, 920090:Other gambling and betting activities, 931100:Operation of sports facilities, 931210:Activities of football clubs, 931290:Activities of other sports clubs, 931900:Other sports activities, 932100:Activities of amusement parks and theme parks, 932900:Other amusement and recreation activities n.e.c., 941100:Activities of business and employers membership organizations, 941200:Activities of professional membership organizations, 942000:Activities of trade unions, 949110:Activities of christian religious organizations, 949120:Activities of Islamic religious organizations, 949130:Activities of Hindu religious organizations, 949190:Activities of other religious organizations n.e.c , 949200:Activities of political organizations, 949300:Grantmaking and giving activities, 949400:Activities of human rights organizations, 949500:Activities of environmental, conservation and wildlife organizations, 949600:Activities of other social advocacy organizations, 949700:Activities of cultural and recreational associations (other than sports or games), 949800:Activities of other civic and social organizations, 949900:Activities of other membership organizations n.e.c., 951101:Repair of computers , 951102:Repair of ATMs, 951200:Repair of communication equipment, 952100:Repair of consumer electronics, 952210:Repair and servicing of household appliances, 952220:Repair and servicing of home and garden equipment, 952300:Repair of footwear and leather goods, 952400:Repair of furniture and home furnishings, 952910:Repair of bicycles, 952920: Repair and alteration of clothing, 952930: Repair and alteration of jewellery, 952940:Repair of watches, clocks and their parts, 952990:Repair of other personal and household goods n.e.c., 960100:Washing and (dry-) cleaning of textile and fur products, 960210:Hairdressing and beauty salons, 960220:barber shops, 960230:facial massage,manicure and pedicure services , 960290:Beauty and other personal care services n.e.c., 960310:Burial and incineration of human or animal corpses and related activities, 960320:Rental or sale of graves and maintenance of graves and mausoleums, 960910:Activities of sauna and steam baths, massage salons etc, 960920:Shoe shiners, porters, valet car parkers etc., 960990:Other personal service activities n.e.c.(eg baby sitters), 970000:Activities of households as employers of domestic personnel, 981000:Undifferentiated goods-producing activities of private households for own use, 982000:Undifferentiated service-producing activities of private households for own use, 990010:activities of international organizations, 990020:activities of diplomatic and consular missions when being determined by the country of their location rather than by the country they represent

[26] **b22: B22:Who was [%rosteritle%]'s main employer for primary job / business?**

Categories: 1:NATIONAL GOVERNMENT CIVIL SERVICE MINISTRIES, 2:NATIONAL GOVERNMENT JUDICIARY, 3:NATIONAL GOVERNMENT PARLIAMENT, 4:NATIONAL GOVERNMENT COMMISSIONS, 5:NATIONAL GOVERNMENT STATE OWNED ENTERPRISE/INSTITUTION, 6:NATIONAL GOVERNMENT TEACHERS SERVICE COMMISSION (TSC), 7:COUNTY GOVERNMENT, 8:PRIVATE SECTOR ENTERPRISE, 9:INTERNATIONAL ORGANIZATIONS/NGO, 10:LOCAL NGO/CBO, 11:FAITH BASED ORGANIZATION, 12:SELF EMPLOYED- FORMAL, 13:INFORMAL SECTOR 'JUA KALI' (EMPLOYED), 14:SELF EMPLOYED - INFORMAL, 15:SMALL SCALE AGRICULTURE (EMPLOYED), 16:SELF EMPLOYED SMALL SCALE AGRICULTURE, 17:PASTORALIST ACTIVITIES (EMPLOYED), 18:SELF EMPLOYED PASTORALIST ACTIVITIES, 19:INDIVIDUAL/PRIVATE HOUSEHOLD, 20:SCHOOL BOARDS (BOM) EMPLOYEES

[27] **d15: D15: What is the predominant material of the exterior walls of the [%rosteritle%]?**

Categories: 1:No walls, 2:Cane/palm/trunks, 3:Grass/reeds, 4:Mud/cow dung, 5:Bamboo with mud, 6:Stone with mud, 7:Uncovered adobe, 8:Plywood/Cardboard, 9:Reused wood, 10:Iron sheets, 11:Concrete/Cement, 12:Stone with lime/cement, 13:Bricks, 14:Cement blocks, 15:Covered adobe, 16:Wood planks/shingles/timber, 17:Precast wall, 96:Other

[28] **K19: K19:Which location would you prefer?county**

Categories: 1:Mombasa, 2:Kwale, 3:Kilifi, 4:Tana River, 5:Lamu, 6:Taita-Taveta, 7:Garissa, 8:Wajir, 9:Mandera, 10:Marsabit, 11:Isiolo, 12:Meru, 13:Tharaka-Nithi, 14:Embu, 15:Kitui, 16:Machakos, 17:Makueni, 18:Nyandarua, 19:Nyeri, 20:Kirinyaga, 21:Murang'a, 22:Kiambu, 23:Turkana, 24:West Pokot, 25:Samburu, 26:Trans Nzoia, 27:Uasin Gishu, 28:Elgeyo-Marakwet, 29:Nandi, 30:Baringo, 31:Laikipia, 32:Nakuru, 33:Narok, 34:Kajiado, 35:Kericho, 36:Bomet, 37:Kakamega, 38:Vihiga, 39:Bungoma, 40:Busia, 41:Siaya, 42:Kisumu, 43:Homabay, 44:Migori, 45:Kisii, 46:Nyamira, 47:Nairobi City

[29] **K24: K24:Which location would you prefer?**

Categories: 1:Mombasa, 2:Kwale, 3:Kilifi, 4:Tana River, 5:Lamu, 6:Taita-Taveta, 7:Garissa, 8:Wajir, 9:Mandera, 10:Marsabit, 11:Isiolo, 12:Meru, 13:Tharaka-Nithi, 14:Embu, 15:Kitui, 16:Machakos, 17:Makueni, 18:Nyandarua, 19:Nyeri, 20:Kirinyaga, 21:Murang'a, 22:Kiambu, 23:Turkana, 24:West Pokot, 25:Samburu, 26:Trans Nzoia, 27:Uasin Gishu, 28:Elgeyo-Marakwet, 29:Nandi, 30:Baringo, 31:Laikipia, 32:Nakuru, 33:Narok, 34:Kajiado, 35:Kericho, 36:Bomet, 37:Kakamega, 38:Vihiga, 39:Bungoma, 40:Busia, 41:Siaya, 42:Kisumu, 43:Homabay, 44:Migori, 45:Kisii, 46:Nyamira, 47:Nairobi City

[30] **m03\_1: M03\_1:Where is this [%rosteritle%] located? County**

Categories: 1:Mombasa, 2:Kwale, 3:Kilifi, 4:Tana River, 5:Lamu, 6:Taita-Taveta, 7:Garissa, 8:Wajir, 9:Mandera, 10:Marsabit, 11:Isiolo, 12:Meru, 13:Tharaka-Nithi, 14:Embu, 15:Kitui, 16:Machakos, 17:Makueni, 18:Nyandarua, 19:Nyeri, 20:Kirinyaga, 21:Murang'a, 22:Kiambu, 23:Turkana, 24:West Pokot, 25:Samburu, 26:Trans Nzoia, 27:Uasin Gishu, 28:Elgeyo-Marakwet, 29:Nandi, 30:Baringo, 31:Laikipia, 32:Nakuru, 33:Narok, 34:Kajiado, 35:Kericho, 36:Bomet, 37:Kakamega, 38:Vihiga, 39:Bungoma, 40:Busia, 41:Siaya, 42:Kisumu, 43:Homabay, 44:Migori, 45:Kisii, 46:Nyamira, 47:Nairobi City

## APPENDIX D — VARIABLES

[1] [age\\_cur](#):

```
// if all elements of the date of birth are reported b05_day.InRange(1,31) && b05_monthofbirth.InRange(1,12) && b05_yrofbirth.InRange(1900,
b_date.Value.Year) && b_date.Value.Year!=null ? (FullYearsBetween( new DateTime((int) b05_yrofbirth, (int) b05_monthofbirth, (int) b05_day),
b_date )) : // if month is unknown, calculate age based on year of interview //and year of DOB b05_monthofbirth == 998 ? b_date.Value.Year -
b05_yrofbirth : (FullYearsBetween( new DateTime((int) b05_yrofbirth, (int) b05_monthofbirth, (int) b05_day), b_date ))
```



Legend and structure of information in this file

Name of section		Type of question, scope	Variable name
Enabling condition for this section	Question title	Answer options	
<code>E s4_other_sources_which.Contains(98)</code>	<b>SECTION 5: OTHER INCOME SOURCES</b>  <b>Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?</b>  I This refers to family relations E s3_time_other > 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice))    s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code	<b>MULTI-SELECT</b> SCOPE: PREFILLED  01 <input type="checkbox"/> Community animal health workers 02 <input type="checkbox"/> Private 03 <input type="checkbox"/> Government 04 <input type="checkbox"/> Livestock keepers association 05 <input type="checkbox"/> NGO  And 5 other [13]	s4_re1_leaders_other
<b>Additional information:</b> "I" – Question instruction "E" – Enabling condition "V1" – Validation condition №1 "M1" – Message for validation №1 "F" – Filter in Categorical questions		<b>Link to full set in appendix</b>	

Breadcrumbs	
Type or roster	Roster Title
CHAPTER 3 IDENTIFICATION / Roster: generated by fixed list:	<b>LEADER RELATION DETAILS</b>  01 Ward Livestock Officer 02 Village Livestock Officer 99 Other (specify)
<b>List items</b>	