IRB # 20-0002

Appendix 13. Survey for Kebele/Village Authorities

**EconInsights and Landesa**

**Impact Evaluation of Land Certification in Four Regions in Ethiopia**

**Kebele Authority Survey**

###### SECTION A:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A1. | Unique Kebele ID **(kebeleID)** | (Numeric) | | | |
| A2. | Enumerator ID (**enumerator\_ID)** | (Numeric) | | | |
| A3. | Zone **(czone)** | | | | (Dynamic) |
| A4. | Region **(ckillil)** | *Tigray =1 Amhara =2*  *Oromia = 3 SNNP = 4* | |  | (Code) |
| A7. | Woreda **(cworeda) PII** | | | | (Dynamic) |
| A8. | Kebele (name of selected kebele) | **PII** |  | (Dynamic) | |
| A9. | Name of the village (gox) **PII** | | | (Dynamic) | |
| A10. | Location coordinates: Latitude **PII** | | (numeric) | | |
| A11. | Location coordinates: Longitude **PII** | | (numeric) | | |

*Note: For this questionnaire, it is not necessary to re-interview the same respondents who participated in the 2011 Cloudburst Survey*

*Enumerator Note: in this questionnaire “during the last 24 months” refers to the time period from Yekatit 2005 to Tir 2007 in the Ethiopian Calendar and ‘during last year’ refers to the period from Yekatit 2006 to Tir 2007 in the Ethiopian Calendar*

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###### SECTION B: ROSTER OF RESPONDENTS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Respondent Name | Gender | How old are you? | What position do you currently hold in this kebele? | What is the highest level of  education you have received? | For how many years have you lived in this kebele?  *number of years* |
|  |  | *1 = male*  *2= female 3=prefer not to respond* | *number*  *of years* | *1 = Chairman/woman*  *2 = Representative (Women, Youth, Etc.) 3 = Elder*  *4 = School Headmaster 5 = School Teacher*  *6 = Agricultural Extension Development Officer*  *7 = Health Worker*  *8 = Business Man/Woman 9 = Religious Leader*  *10 = Police*  *11= Kebele manager 12 = Other (Specify) 13 = Vice Chair person*  *14 = Land Administration Committee 15 = Security Officer*  *16 = Head of Organization*  *17 = Representative of Saving and Credit 18 = Former Chairperson*  *19 = Spokesperson*  *20 =Community Facilitator*  *21 = Secretary 22 =Head of finance* | *1 = Never Attended 2 = Some Primary*  *3 = Complete Primary*  *4 = Some Secondary*  *5 = Complete Secondary*  *6 = Religious school*  *7 = IVET*  *(Technical training) 8 = Adult education*  *9 = Diploma*  *10 = Degree*  *11 = Masters* |
| **id** | **(PII)** | **crsex** | **crage** | **crpos1** | **Credo** | **Cryrcom** |
| **B1** | **B2** | **B3** | **B4** | **B5** | **B7** | **B8** |
| 1 |  | (code) | (Code) | (Code) | (Code) | (Code) |

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###### SECTION C: BASIC INFORMATION AND ACCESSIBILITY

Enumerator: I would like to start by asking you some basic information about your kebele.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| C1 | In the last five years, have there been more people who moved into the kebele or more people who moved away from the kebele? **(cmig)** | | *1=More moved in 2=More moved out 3=About the same of both*  *4=Neither arrivals nor departures* |  | (Code) |
| C2 | Approximately how many households are there in this kebele? **(cnhh)** | | | (Integer) | |
| C3 | What is the approximate population of this kebele? **(cpop)** | | | (Integer) | |
| C4 | What percentage of the households in this kebele are polygamous? **(cpolyg)** | *1 = 0%*  *2 = 1-24%*  *3 = 25-49%*  *4 = 50-74%*  *5 = 75-99%*  *6 = 100%* | | (Code) | |
| C5 | What is the most common use of land in this kebele? **(cluse)** | | *1=Pasture 2=Farming 3=Planned Housing* |  | (Code) |
| C6 | What is the topography of the land most like?  **(ctopo)** | | *1=Flat*  *2=Slightly sloping 3=Moderately sloping 4=Steeply sloping 5=Both flat and hilly* |  | (Code) |
| C7 | What percentage of the land in your kebele is in bush (i.e., land that is not farmed, or was farmed years ago, but is now used only for pasture)? **(cbushl)** | | *1= 0%*  *2= 1-24%*  *3= 25-49%*  *4=50-74%*  *5=75-99%*  *6=100%* | (Numeric) | |
| C8 | What percentage of the agricultural land in your kebele is in large scale farms? **(cagl)** | | *1=0%*  *2=1-24%*  *3=25-49%*  *4=50-74%*  *5=75-99%*  *6=100%* |  | (Code) |
| C9 | What percentage of the land in your kebele is in forest, and not used for agriculture? **(cforl)** | | *1=0%*  *2=1-24%*  *3=25-49%*  *4=50-74%*  *5=75-99%*  *6=100%* |  | (Code) |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C10 | Have there been any major events in the past 5 years that have NEGATIVELY affected the wellbeing of people in this kebele ?  (Examples: crop failure, price fluctuations, etc.) **(cmajore)** | | | | *1=Yes 2=No*  *If ‘No’ skip to cmajore1* | | (Code) |
| Event id | Which of the following events have occurred in the **past 5 years** NEGATIVELY affecting the kebele?  (\*Choose up to four major events that have had NEGATIVE effect on members of the kebele.  Codes may be duplicated if the event type occurred more than once.) | | | | In what season and year did the event occur? | | What percentage of households in the kebele were affected?  *1=0%*  *2=1-24%*  *3=25-*  *49%*  *4=50-*  *74%*  *5=75-*  *99%*  *6=100%* |
|  | Event Code | |  | *Season (See codes below)* | *Year (in EC)* |
| *1=Drought 2=Flood*  *3=Crop disease/pests 4=Livestock disease 5=Human epidemic*  *disease*  *6=Displacement- related development activities*  *7=Sharp change in prices* | *8=Loss of key social services*  *9=Massive job lay-offs 10=Power outage(s) 11=Development*  *projects*  *12=New employment opportunity*  *13=New health facility 14=New road 15=New school* | *16=Improved transportation services*  *17=Improved electricity 18=PSNP*  *19=Frost 20=Hailstorm 21=Early Rain*  *22=Heavy/too much rain 23=Factory chemicals 24=Shortage of clean*  *Water* | *25=Plant*  *destruction 26=Crop damage by animals*  *27=Taxation 28=Town*  *expansion 29=Poor mobile*  *phone service* |
|  | Event Code | | | |  |  |  |
| **C11**  **Cmewid** | **C12**  **Cmewcode** | | | | **C14**  **Cmewsc** | **C15**  **Cmewyr** | **C16**  **Cmewper** |
| **1** | cmewcode\_1 | | | | **cmewsc\_1** | **cmewyr\_1** | **cmewper\_1** |
| 2 | cmewcode\_2 | | | | cmewsc\_2 | **cmewyr\_2** | **cmewper\_2** |
| 3 | cmewcode\_3 | | | | cmewsc\_3 | **cmewyr\_3** | **cmewper\_3** |
| 4 | cmewcode\_4 | | | | cmewsc\_4 | **cmewyr\_4** | **cmewper\_4** |

|  |
| --- |
| **Season codes** (cmewsc, cmebsc) |
| *1=Kiremt or Meher (Summer)* - June, July and August are the summer season. Heavy rain falls in these three months. *2=Tseday (Spring)* - September, October and November are the spring season sometime known as the harvest season. *3=Bega (Winter)* - December, January and February are the dry season with frost in morning especially in January.  *4=Belg (Autumn)* - March, April and May are the autumn season with occasional showers. May is the hottest month in Ethiopia. *5=All* |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C17 | Have there been any major events in the past 5 years that have POSITIVELY affected the wellbeing of people in this kebele?  (Examples: new schools or medical facilities, price fluctuations, etc.) **(cmajore1)** | | | | *1=Yes 2=No*  *If ‘No’ skip to cmajore1* | | (Code) |
|  | Which of the following events have occurred in the **past 5 years** POSITVELY affecting the kebele?  (\*Choose up to four major events that have had a POSITVE effect on members of the kebele. Codes may be duplicated if the event type occurred more than once.) | | | | In what season and year did the event occur? | | What percentage of households in the kebele were affected?  *1=0%*  *2=1-24%*  *3=25-49%*  *4=50-74%*  *5=75-99%*  *6=100%* |
|  | Event Code | |  | *Season (See codes above)* | *Year (in EC)* |
| *1=Drought 2=Flood*  *3=Crop disease/pests 4=Livestock disease 5=Human epidemic*  *disease*  *6=Displacement- related development activities*  *7=Sharp change in prices*  *8=Loss of key social services*  *9=Massive job lay- offs* | *10=Power outage(s) 11=Development*  *projects*  *12=New employment opportunity*  *13=New health facility 14=New road 15=New school 16=Improved*  *transportation*  *services 17=Improved electricity 18=PSNP*  *19=Frost 20=Hailstorm* | *21=Early rain 22=Heavy/too much*  *rain*  *23=Factory chemicals 24=Shortage of clean*  *water 25=Plant destruction 26=Crop damage by*  *animals*  *27= Taxation 28=Town expansion 29=Poor mobile phone*  *service*  *30=Irrigation 31=Community*  *Policing* | *32=Improved clean/ drinking water*  *supply 33=Soil and water*  *conservation 34=Dam*  *construction 35=New*  *technology 36=Improved cell phone*  *services* |
| Event id | Event Code | | | |  |  |  |
| **Cmewidp** | **Cmewcodep** | | | | **Cmewscp** | **Cmewyrp** | **Cmewperp** |
| **C18** | **C19** | | | | **C21** | **C22** | **C23** |
| 1 | cmewcodep\_1 | | | | cmewscp\_1 | cmewyrp\_1 | cmewperp\_1 |
| 2 | cmewcodep\_2 | | | | cmewscp\_2 | cmewyrp\_2 | cmewperp\_2 |
| 3 | cmewcodep\_3 | | | | cmewscp\_3 | cmewyrp\_3 | cmewperp\_3 |
| 4 | cmewcodep\_4 | | | | cmewscp\_4 | cmewyrp\_4 | cmewperp\_4 |

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###### SECTION D: ACCESS TO BASIC SERVICES

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| D1 | How far is it to the nearest tar/asphalt road in KILOMETERS from the kebele center? Write ‘0’ if there is a tar/asphalt road in the kebele. *If not sure enter -99.* **(cdistpr)** | | | | (Numeric) | |
| D2 | Can vehicles pass on the main road in this kebele throughout the whole year (i.e. even in the rainy season)? **(crstype)**  *If Yes, Skip to question D.5* | *1=Yes 0=No* |  |  |  | (Code) |
| D3 | During the past 12 months, how many months was the main road NOT passable with small cars and trucks? If passable in all months enter ‘0’. **(crpmcar)** | | | | (Numeric) | |
| D4 | During the past 12 months, how many months was the main road NOT passable by a lorry? If passable in all months enter ‘0’. **(crpmlor)** | | | | (Numeric) | |
| D5 | How far is it to the nearest bus station in KILOMETERS from the kebele center? (write ‘0’ if there is a bus station in the kebele)? **(cbsdist)** | | | | (Numeric) | |
| D6 | Typically, how many times per WEEK can you expect a bus or mini-bus to stop in this kebele, or at the nearest bus station? **(ctpwbus)** | | | | (Numeric) | |
| D7 | What is the total cost in BIRR to go from this kebele to the woreda capital via public transportation? **(cptcwor)** | | | | (Numeric) | |
| D8 | What is the nearest major urban center – zonal or regional capital?  **(PII)** | | | (Text) | | |
| D9 | How far is it via roads to the nearest major urban center in KILOMETERS from the kebele center? **(cnurbdist)** | | | | (Numeric) | |
| D10 | What is the total cost in BIRR to go from this kebele to that major urban center via public transportation? **(ccosturb)** | | | | (Numeric) | |
| D11 | Is there a large weekly market in this kebele?  **(cwmark)** | *1=Yes 2=No*  *If ‘Yes’ skip to* ***(ccell)*** | | |  | (Code) |
| D12 | What is the distance via road in KILOMETERS to the nearest large weekly market from the kebele center? **(cwmdist)** | | | | (Numeric) | |
| D13 | Is there cellular/mobile phone coverage in this kebele? **(ccell)** | |  | *1=Yes 2=No* |  | (Code) |
| D14 | What is the distance via road IN KILOMETERS from the kebele center to the nearest place where a person can buy a cell phone? Enter ‘0’ if there is a place in this kebele  that sells cellular/mobile phones. **(ccelldist)** | | | | (Numeric) | |
| D15 | Is there a place in this kebele where a person can pay to make a telephone call? (e.g., a payphone, a phone bureau, a tele-center offering phone services)? **(cphone)** | | *0=No*  *1=Yes 2=Not sure*  *if ‘No’ skip to* ***(cnchurch)*** | | | (Code) |
| D16 | What is the WALKING distance IN KILOMETERS from the kebele center to the nearest place where a person can pay to use a phone? *If not sure enter 888.* **(cphonedist)** | | | | (Numeric) | |
| D17 | How many churches (congregations) are in this kebele? **(cnchurch)** | | | | (Numeric) | |
| D18 | How many mosques are in this kebele? **(cnmosq)** | | | | (Numeric) | |
| D19 | What is the WALKING distance IN KILOMETERS from the kebele center to the nearest | | | | (Numeric) | |

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | government **primary** school serving this kebele? *If not sure enter 888.* **(cgpsdist)** | |  | |
| D20 | What is the WALKING distance IN KILOMETERS from the kebele center to the nearest government **secondary** school serving this kebele? *If not sure enter 888.* **(cgssdist)** | | (Numeric) | |
| D21 | Is there a commercial bank in this kebele? **(cbank)** | *1=Yes 0=No*  *if ‘Yes’ skip to* ***(cmic)*** |  | (Code) |
| D22 | What is the distance IN KILOMETERS from the kebele center to the nearest commercial bank? *If not sure enter -99.* **(cbankdist)** | | (Numeric) | |
| D23 | Is there a micro-finance institution in this kebele?  **(cmic)** | *1=Yes 0=No*  *if ‘Yes’ skip to* ***SECTION E*** |  | (Code) |
| D24 | What is the distance via roads in KILOMETERS from the kebele center to the nearest micro-finance institution? *If not sure enter 888.* **(cmicdist)** | | (Numeric) | |

###### SECTION E: ECONOMIC ACTIVITIES

|  |  |  |
| --- | --- | --- |
| Activity id | What are the three most important sources of employment for individuals in this kebele? | Approximately, what percentage of the households in this kebele are engaged in this activity?  *1=0%*  *2=1-24%*  *3=21-49%*  *4=50-74%*  *5=75-99%*  *6=100%* |
| Activity code  *(see below)* |
| **Cempid** | **Cemp** | **Cempphh** |
| **E1** | **E2** | **E3** |
| **1** | cemp\_1 | cempphh\_1 |
| **2** | cemp\_2 | cempphh\_2 |
| **3** | cemp\_3 | cempphh\_3 |

|  |  |
| --- | --- |
| Employment Activity code  **(cemp, countemp1, countemp2)** | |
| *1=Farming 2=Fishing*  *3=Firewood/charcoal selling 4=Small-scale trade & service*  *provision*  *5=Beer brewing, kachasu 6=Handicraft production, small-*  *scale industry* | *7=Transport*  *8=Large-scale commercial industry 9=Professional occupations 10=Civil service*  *11= Sand and stone sales*  *12=Gold mining 13=PSNP*  *14=Construction*  *15=Day labor/maid/casual worker* |

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###### SECTION E: LAND ADMINISTRATION

NOTE: include definitions/details and pictures to discern between first and second level First level: first stage book of holding/certificate, green/blue books, photos, no surveying

Second level: second stage book of holding/certificate, detailed mapping/surveying of parcels

*Enumerator: Now I am going to ask you some questions about land and land administration in your kebele.*

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E1 | In what year did the last OFFICIAL land redistribution take place in this kebele? (Ethiopian calendar year) **(colredyr)**  *Enumerator: the last OFFICIAL land redistribution should have taken no later than year 1989 in EC* | | | | | | | (Numeric) | | | |
| E2 | Has there been any UNOFFICIAL land redistribution in this kebele since 1989 in EC? **(cuolred)** | *0=No*  *1=Yes 2=Not sure*  *if ‘No’ skip to* ***(cconsreq)*** | | | |  | |  | | | (Code) |
| E3 | In what year did the most recent UNOFFICIAL land redistribution take place? (Ethiopian  calendar year) **(cuolredyr)** *Enter 888 if Don’t know.* | | | | | (Interger) | | | | | |
| E4 | Does the woreda administration regulate watershed management in any parts of this kebele? **(cconsreq)** | | | *0=No*  *1=Yes 2=Not sure* |  |  | |  | | | (Code) |
| E5 | Are any members of your kebele required by the woreda administration to implement water conservation measures on their  own property? **(propreq)** | | | *0=No*  *1=Yes 2=Not sure* |  |  | |  | | | (Code) |
| E6 | Do you think that demarcation of public and kebele land will reduce the problem of encroachment on common property resources?  **(commench)** | | | *0=No*  *1=Yes 2=Not sure* |  |  | |  | | | (Code) |
| E7 | Do you think that demarcation of public and kebele land will  increase the possibility of your kebele receiving compensation in case the land is taken? **(commcomp)** | | | *0=No*  *1=Yes 2=Not sure* |  |  | |  | | | (Code) |
| E8 | Where is the nearest land administration/land registry office  located? **PII** | | | | (text) | | | | | | |
| E9 | How far is the nearest land administration office from this | | | | (numeric) | | | | | | |
| E10 | kebele in KILOMETERS when using **[clofftrmode]** as the mode of transportation? Enter ‘0’ if is located in this kebele  **(cloffdist)** | | | |  | | | | | | | |
| E11 | What mode of transportation is typically used for kebele residents when traveling to the nearest land administration office? **(clofftrmode)** | | *1= on foot*  *2= bicycle*  *3= motorcycle 4=tricycle (bajaj) 5= car*  *6= horse or mule*  *7= cart (horse/mule/donkey)*  *8= public transport/bus* | | |  |  | |  |  | (code) | |

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|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E12 | How long does it take to travel to the nearest land administration office ONE  WAY when using **[clofftrmode]** as the mode of transportation? (number of hours) **(clofftrtime)** | | | | | (numeric) | | | |
| E13 | What is the typical cost in BIRR of public transportation for someone to travel from this kebele to the nearest land administration office? **(cloffptrcst)**  *Enter 888 if Don’t know.* | | | | | (numeric) | | | |
| E14 | Do residents of this kebele tend to formally record/report to the nearest land administration office when there is a change in land ownership (i.e. divorce, inheritance, etc.)? **(cloffchown)** | | | | *0=No*  *1=Yes 2=Not sure* |  |  | (Code) | |
| E15 | Do residents of this kebele tend to formally record/report to the nearest land administration office when temporarily permitting someone else to use their land, such as in the case of sharecropping or renting out? **(cloffchrent)** | | | | *0=No*  *1=Yes 2=Not sure* |  |  | (Code) | |
| E16 | Approximately, what is the fee for registering a PERMANENT change in land ownership at the land administration office in Birr? enter ‘888’ if not known **(cloffownfee)** | | | | | | | (numeric) | |
| E17 | Approximately, what is the fee for registering a TEMPORARY change in land use at the land administration office in Birr? enter ‘888’ if not known **(clofftempfee)** | | | | | | | (numeric) | |
| E18 | Has the farmland in this kebele been covered by any land certification activities? **(clcert)** | | *0=No*  *1=Yes 2=Not sure*  *If ‘No’ Skip to* ***(cconf)*** | | |  |  |  | (Code) |
| E19 | Has FIRST LEVEL land certification taken place in your kebele? **(clcertf)**  *ENUMERATOR: Please explain using example of first-level*  *land certificate.* | | *0=No*  *1=Yes 2=Not sure*  *If ‘No’ Skip to* ***(clcerts)*** | | |  |  |  | (Code) |
| E20 | In what year did activities towards FIRST LEVEL land certification start  in this kebele? (Ethiopian calendar year) **(clcertfsyr)** | | | | | (Interger) | | | |
| E21 | In what year were FIRST LEVEL certificates issued in this kebele? (Ethiopian  calendar year) **(clcertfyr)** | | | | | (Interger) | | | |
| E22 | Have any SECOND LEVEL land certification activities taken place in your kebele? **(clcerts)**  *ENUMERATOR: Please explain using example of second-level*  *land certificate.* | | | *0=No*  *1=Yes 2=Not sure*  *If no Skip to* ***(cconf)*** | | | | | (Code) |
| E23 | When did the SECOND LEVEL land registration and certification program start in your kebele  your kebele? (Ethiopian calendar year) **(clcertsst)** | | | | | | (Integer) | | |
| E24 | Were public information meetings regarding second level  land registration and certification held in the 6 months PRIOR to the program launch? **(clcertinfopre)** | *0=No 1=Yes 2=Not sure* | | | | | (Code) | | |

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|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E25 | In what year was the SURVEYING and REGISTRATION for SECOND LEVEL certification  conducted? (Ethiopian calendar year) **(clcertssyr)** | | | | | (Numeric) | |
| E26 | Were public information meetings regarding second level  land registration and certification held in the 6 months AFTER the program launch? **(clcertinfopost)** | | *0=No 1=Yes 2=Not sure* | |  |  | (Code) |
| E27 | Have second level certificates been issued in this kebele?  **(clcertsci)** | | *0=No 1=Yes 2=Not sure*  *If no Skip to* ***(cconf)*** | |  |  | (Code) |
| E28 | In what YEAR were SECOND LEVEL land certificates ISSUED in this kebele?  (Ethiopian calendar year) **(clcertsciyr)** | | | | (Numeric) | | |
| E29 | Are you aware of any of the following certification programs being implemented in this kebele: | *1=ELTAP*  *2= ELAP*  *3= LIFT*  *4=another certification program (name)*  *5=more than one of these*  *6= No* | | | |  | |
| E30 | Compared to 5 years ago, how has the number of land-related disagreements in your kebele changed? **(cconf)** | | | *1=Increased 2=Decreased 3=Remained the same* | (Code) | | |

###### Section F: Supplemental Questions:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| F1 | Since the first level land certificates were first issued in this kebele, have there been efforts to systematically UPDATE and VERIFY the information on land holdings (i.e. parcels owned, size of parcels, spatial reference information, etc.) and revise  households first level land certification documents? **(clcertfrev)** | *0=No*  *1=Yes 2=Not sure* | |  |  |
| F2 | In what year did this start? **(clcertrevsyr)** |  | | *(year in EC)* |  |
| F3 | In what year was this completed or expected to be completed? **(clcertfrevfyr)** | | | *(year in EC)* |  |
| F4 | Within this kebele, Is there an official or office which is responsible for acting as an INTERMEDIARY between households and the woreda land administration office? For example, if a household is updating, revising, or otherwise registering changes related to their land holdings, is there someone in the kebele that would collect the necessary information and documents and who would then take this to the woreda land  administration office for formal processing? **(clkebloffice)** | | *1=Yes 0=No* | |  |

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###### SECTION G. WAGES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Activity ID | Typical daily wage rates by type of agricultural activity for adults and children | | | |
| Name of activity | Daily wage rate (*Birr/day)* | | |
| Adult male | Adult female | Children |
| **Agactid** | **agactname** | **agwagem** | **agwagef** | **Agwagec** |
| **G1** | **G2** | **G3** | **G4** | **G5** |
| 1 | Land preparation |  |  |  |
| 2 | Planting |  |  |  |
| 3 | Weeding and maintenance |  |  |  |
| 4 | Harvesting |  |  |  |
| 5 | Livestock herding/watering |  |  |  |

Thank you for taking the time to complete this survey.

*Enumerator: PLEASE answer the following question based on your observation.*

|  |  |  |  |
| --- | --- | --- | --- |
| I11 | What type of surface does that main road in this kebele have? **(crstype1)** | *1= Tar/asphalt 2=Graded gravel*  *3= Dirt road (maintained)*  *4= Dirt track* | (Code) |