



**NATIONAL
DISASTER RISK MANAGEMENT COMMISSION
(NDRMC)**

WOREDA DISASTER RISK PROFILE (WDRP)

REGION: AFAR

ZONE: THREE

WEREDA: ARGOBA SPECIAL

December, 2020

Addis Ababa

About the National Disaster Risk Management Commission (NDRMC)

The National Disaster Risk Management Commission (NDRMC) was reestablished in December 2015 and recognized by an act of Council of Ministers (Regulation No. 363/2015) as an autonomous Federal Government office mandated to conduct appropriate activities for the comprehensive implementation and realization of the objectives of the National Disaster Risk Management Policy and Strategy and to coordinate, monitor and provide appropriate support with respect to activities carried out by the lead sector institutions.

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PREFACE

Ethiopia is well aware of the impact that disasters can have on the development goals that we are rigorously pursuing through our Growth and Transformation Plan II. With this recognition we started a paradigm shift a few years ago, largely triggered by the revised National Policy and Strategy on Disaster Risk Management.



To make the DRM programme implementation in the country well-informed, a comprehensive information management system is required. We have been undertaking a comprehensive risk assessment exercise under which Disaster Risk Profiles are being prepared for each district and at sub-district levels in the country.

This Wereda Disaster Risk Profile establishes an extensive database on disaster risk elements that will help decision makers at all levels to be better informed at community and Wereda level about the characteristics of potential hazards, their potential exposure, vulnerabilities of communities, capacities and that can also be an input for Wereda Disaster Risk Reduction Plans and area specific early warning tools.

Wereda Disaster Risk Profiles developed are publically available here for the use of all development partners and government sectors at all levels. Also, other data sources of NDRMC, such as Desinventar, Livelihood Baseline and the Early Warning information will be integrated and harmonized with this Information Management System.

Finally, we need to acknowledge the support of partners who have funded this programme and we also look for the support of donors and all development partners in order to achieve the ambitious indicators of this risk information and providing every district with the disaster risk profile and their respective risk-informed plans.

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke at the bottom.

H.E. Ato Mitiku Kassa

Commissioner

National Disaster Risk Management Commission (NDRMC)

The Federal Democratic Republic of Ethiopia (FDRE)

PREFACE

Woreda Disaster Risk Profiling (WDRP) is a government owned programme undertaken by the National Disaster Risk Management Commission (NDRMC) in collaboration with regional DRM offices and development partners to provide baseline information for disaster risk management practices and activities in the country. The programme is designed by taking into account the experiences gained from the implementation of previous strategies and actions like the Hygo Framework for Action (2000-2015) and the Sendai Framework for Disaster Risk Reduction (2015-2030).



WDRP is composed of diversified indicators including hazard related issues, crop and livestock production, landholding and environmental issues, human and livestock health issues, education and social issues at wereda and kebele level. It provides basic and detailed indicators with both quantitative and qualitative information which obtained from both primary and secondary data sources.

Moreover, two pages summary of profiles is also prepared to help users easily understand WDRP results for each wereda without going into detail for all indicators. In addition to this booklet, developed profiles are uploaded on WDRP website (<http://profile.ndrmc.gov.et>) to be viewed by all users; we encourage all DRM actors at all levels to use this profile as baseline information for all DRM initiatives.

This WDRP booklet was produced through exemplary collaboration of all concerned bodies and I would like to give my deepest gratitude to all who directly or indirectly contribute for the success of the programme particularly for data enumerators and supervisors, data encoders and profile development teams, consultants and advisors, partner ministries and all DRM stakeholders.

Abraham Abebe
Director

Disaster Risk Reduction and Rehabilitation Directorate (DRRRD)
National Disaster Risk Management Commission (NDRMC)

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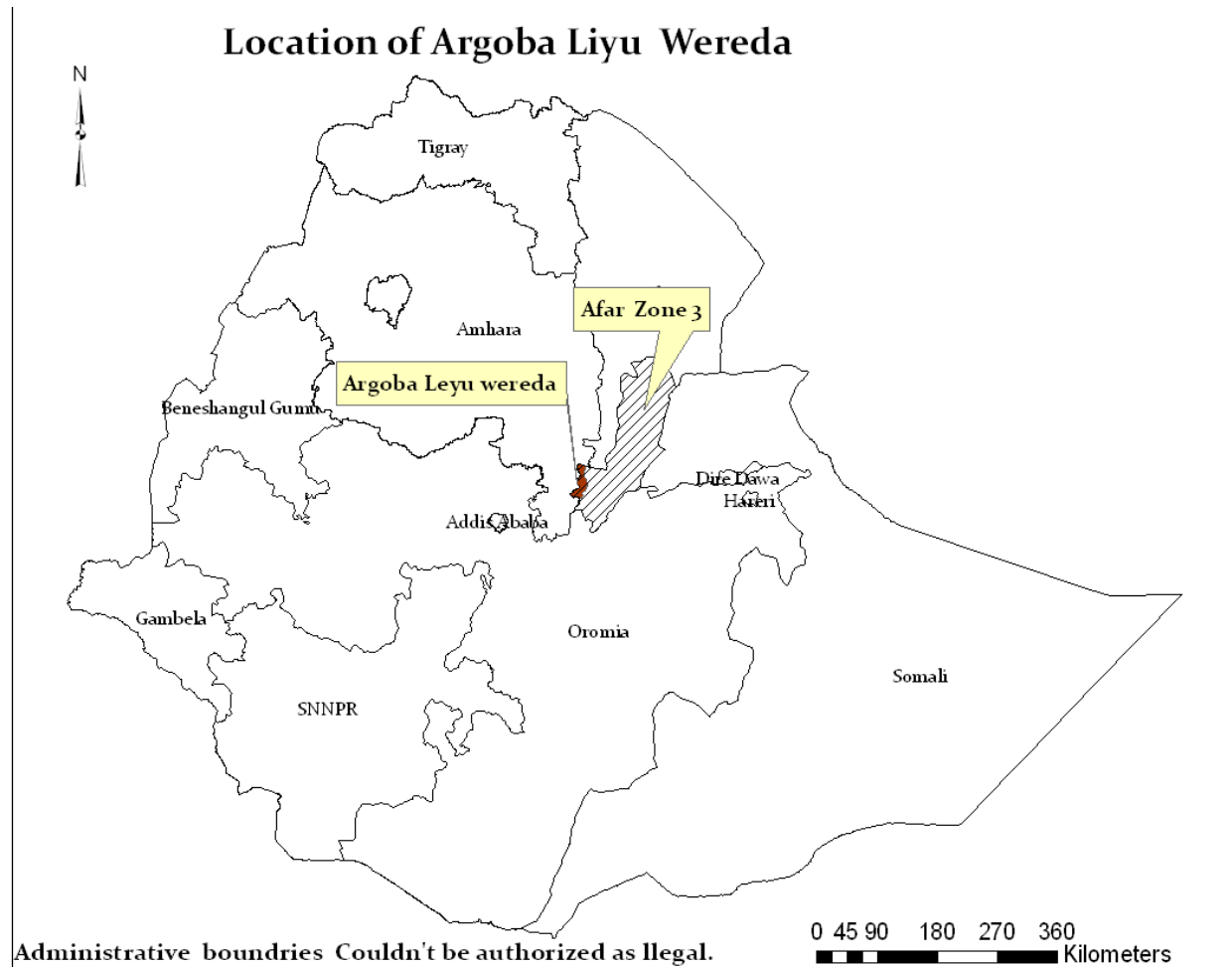
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WEREDA LOCATON



METHODOLOGY

▪ **WDRP Content :**

- Comprehensive information on disaster risk components (Hazards, Vulnerability and Capacity)
- Multi-sectoral and multi-hazard information.

▪ **Research Approach:**

- Mixed Approach
- Both quantitative and qualitative information

▪ **Data Sources:**

- Primary Data:
 - ✓ Household Questionnaires: statistically significant number (around 400 households).
 - ✓ Focus Groups Discussions: One per kebele
 - ✓ Key Informant Interviews: with major woreda level government and non-government DRM actors
 - ✓ Problem Tree Analyses : to see the cause and effect of disasters
- Secondary Data:
 - ✓ collected relevant to WDRP indicators:
 - ✓ LIU, SERA Project, Risk baseline, other ministries...

▪ **Sampling Technique:**

- Multistage cluster sampling
- Both Probability and Non-probability sampling

▪ **Methods of Analysis:**

- Descriptive Statistics
- Textual Analysis
- Cipro and SPSS
- Automate WDRP software

WEREDA

SUMMARY DISASTER RISK PROFILE

INFORMATION



Disaster Risk Profile: Argoba Liyu Wereda

SUMMARY OF WEREDA PROFILE

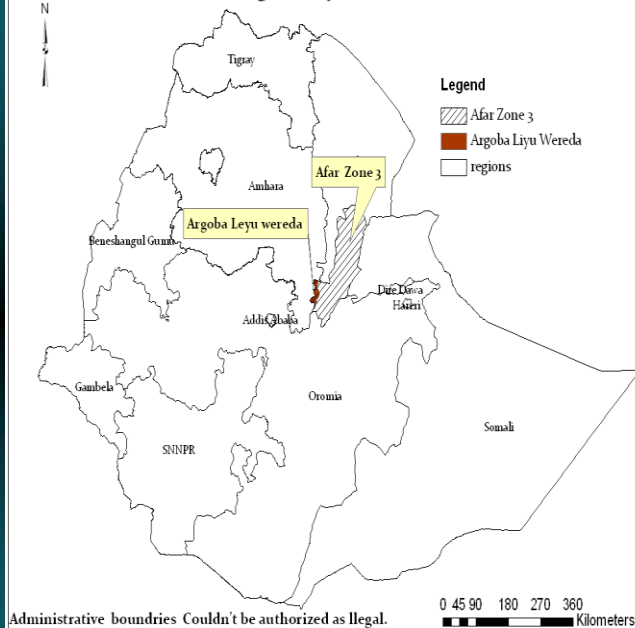
The major disasters in the wereda are crop diseases, drought and livestock disease. Factors making the community vulnerable are: lack of timely supply of inputs, limited access to extension services and livestock drugs; dependency on rain; competition over grazing land; availability of limited livelihood options. Besides deforestation, soil erosion and land degradation are aggravating the problem. Intervention measures in the Wereda might include: Improved supply of inputs and livestock drugs, livelihood diversification, supply of improved variety of seed, irrigation development, strengthening cooperatives to develop weaving activity, awareness creation on family planning, improved access to credit services, improving access to market

Summary of livelihood zone

•Chenno Crops Livelihood Zone (LZ8)

The main livelihood activity is both agriculture and livestock production. Common crops grown in the area are sorghum, maize, *teff* and pulses. The main livestock are cattle and shoats. Middle and better-off households receive most of their income from livestock and livestock product sales and crop sales. Very poor and poor households receive most of their income from crop sales, employment (seasonal agricultural labor/livestock herding for middle and better-off households) and self-employment such as gathering and selling firewood. Basic health and education services are limited.

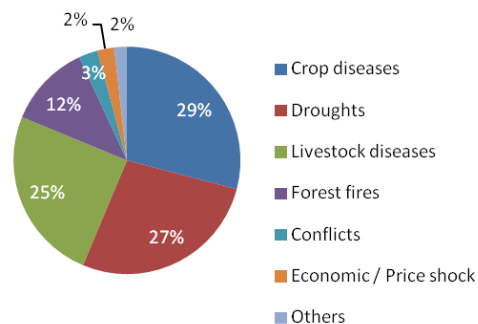
Location of Argoba Liyu Wereda



MAJOR DISASTERS REPORTED IN WEREDA

Kebele	Disaster 1	Disaster 2	Disaster 3	LIU Info
1.Cheno	Conflict	Drought	Livestock dis.	Chronic hazards: • LZ8: Drought, livestock diseases (black leg, anthrax, pasteurellosis, internal & external), conflict and crop pests (sorghum chafer, shoot fly, African ball worm and stock borer)
2. Chesa	Drought	Beetle	Conflict	
3.Lower metekleya	Drought	beetle	Livestock dis.	
4.Upper Meteklera	Drought	Beetle	Army worm	
5. Workamba/Heiramba	Drought	Army worm	Quelea Quelea bird	
6.Ababi	Drought	Crop pest	Increasing temp.	
7. Bilu	Drought	Beetles	Conflict	
8. Debreko	Drought	Conflict		
9. Geberoch	Drought	Quelea Quelea bird	Beetles	
10.Geberoch/Arkua	Beetles	Drought	Livestock dis.	
11. Goze	Beetles	Drought	Conflict	
12. Goze 2	Beetles	Drought	Conflict	
13.Koko	Drought	Crop pest	Goat disease	
14. Soffe Ager	Drought	Hailstorm	Beetles	
15. Upper Meteklera 2	Drought	Beetles	army worm	
16.Werkamba	Drought	beetles	Quelea Quelea bird	

Proportion of households by major disasters suffered in the last five years

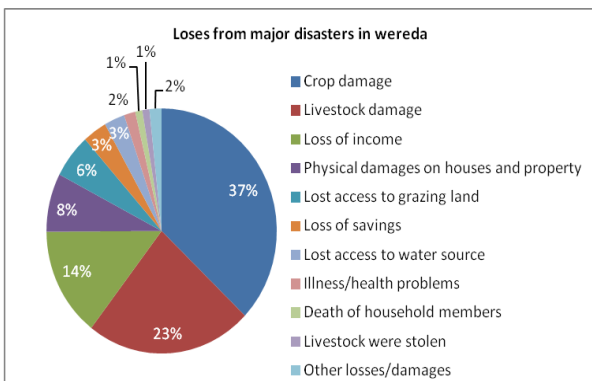


SHORT NARRATIVE ON MAJOR DISASTERS:

Crop disease, drought and livestock disease are the major disasters in the Wereda each of them affecting 1/4 of households in the last five years. Conflict is also common, especially along the border areas mainly due to movement of people in search of pasture and water or competition over grazing land. Crop pests such as beetles, army worm, Quelea Quelea bird are also reported. The major losses due to these disasters in Wereda are crop damage, livestock damage, loss of income, physical damage on property and loss of access to grazing land. The major livestock diseases in the Wereda are lumpy Skin Disease (LSD), Contagious Caprine Pleuropneumonia (CCPP), CBPP, Foot and Mouth Disease (FMD), Faculiasis, Tick born diseases.

EFFECT OF DISASTERS

Disasters	Loss 1	Loss 2	Loss 3
Crop disease	Crop damage	Livestock damage	Loss of income
Drought	Crop damage	Loss of access to grazing land	Loss of income
Livestock disease	Livestock damage	Loss of income	Health problem
Forest fires			
Conflict	Livestock stolen	Death of household member	Change residence area
Economic/price shocks	Loss of income	Loss of saving	Loss of access to social services



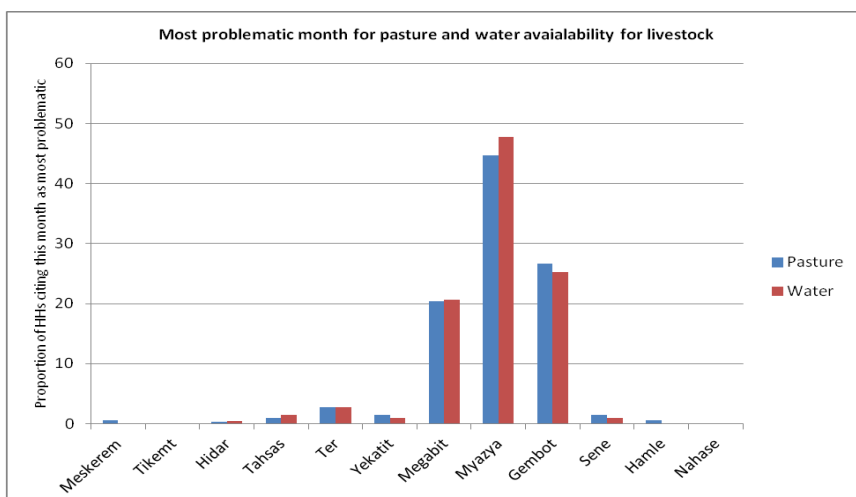


Disaster Risk Profile: Argoba Liyu Wereda

HOUSEHOLD AND COMMUNITY VULNERABILITY

SHORT NARRATIVE ON VULNERABILITY

Major factors making the community vulnerable to disasters in the wereda include: Movement of people in search of pasture and water, dependency on rain fed agriculture, population pressure (average household size is 6.5), lack of timely supply of agricultural inputs, lack of livestock vaccination and poor access to livestock drugs, shortage of grazing land and competition over it, poor access to market, poor awareness on use of improved technologies and inputs, dependency on limited livelihood activities mainly crop production and livestock rearing



Accessibility:

- Access to **water for livestock** is moderate. About half of the population reported water for livestock is available regularly.
- **Pasture:** 95% of households reported pasture is not regularly available. March to May is most problematic months
- Access to **drinking water** is poor. More than 4/5 of households use rivers, streams, open access and fenced ponds. Average time taken to fetch water per day is more than one hour
- More than 2/3 of household reported both access to veterinary services and livestock drugs is either very poor or poor.
- Access to **agricultural extension services** and the use improved varieties of seeds is poor. Only 19% of households received agricultural extension service. Only 1/3 of households use improved variety of seeds
- **Access to market** is poor. Because the market centre is far from the village, road is not accessible during wet season. Crossing rivers is also difficult during rainy season because of absence of bridges. Conflict is also restricted free movement of people for market. Average time taken to reach the nearest urban centre is 3 and half an hour
- **Road:** 2/3 of households are located in areas with no road leading to their houses. But the average time taken to reach the nearest paved road is only half an hour.
- **Sanitation** is very poor: 93% of households have no toilet facilities and use open spaces
- **Electricity:** No electricity connection in the community and none of the households have electric connections in their houses.

Level of Awareness and Institutional Development

- **Literacy rate** is low. From those who reach for education (7+years old) only 9.3% can read and understand text easily; and 61 of the people are less than first grade completed. However, there is no significant gender disparity in education in the Wereda
- **Community awareness** about disaster risk management actors is good. The community is aware of pastoral community development programme, PADET (professional Alliance for development), AMREF (African Medical and research Foundation), WFP, EMERDA which are helping the community in water development, provision of health services, construction of health post, support education, awareness creation on hygiene. However, there is a perception within the community that praying to God is the most effective solution to reduce the impacts of disasters.
- There are **community based institutions** in the Wereda. This includes camel and cattle feeding association, retailers trading association, youth association, agriculture cooperatives, gender association, Edir, Ekub

InfoBits:

Population	: 21,791
Sex ratio	: 872 Fem/1000 M
Urban Population	: 9.9%
Mean Altitude	: 1214.5 m
Mean Slope	: 4.9%
All Weather	
Road Density	:
Measles caseload	:
PLWHA on ART	:
Under-five children eligible for supplementary feeding	:

sources: Various secondary sources

COMMUNITY CAPACITY TO COPE

- Community **coping strategies** to common disasters in the Wereda include: Consumption rather than sale of crop surplus, storing of pasture for animals, buying and saving crops, storing crop residual for livestock feed, selling assets, harvesting water by making pond, migration in search of water and pasture, sell more livestock than usual, reduced expenditure on non-essential items, borrowing of food or cash, Shifting the from grazers to browsers. Negotiation through clan and religious leaders is the common mechanism used to solve conflict problems.
- **Social capital** in the community is good. Community helps each other through free use of oxen for plough, free use of pack animals, borrowing seed each other, constructing pond together, sharing food, provision of animals, rebuilding public services
- **Capacity to cope** is good. About 2/3 of households have the ability to raise 500 birr within a week either from own saving, borrowing. 93% of households have managed to recover from loses of disasters
- **Access to credit** facilities limited. Average number of times the households tried to get credit in last one year was 2.3 while the average number of times they actually managed to secure credit was only 1.87.
- **Cropping diversity** is poor. On average households grow 2.3 types of crops. The major crops grown are sorghum, teff and maize.
- There is good **livestock diversity** in the form of cattle, shoats, pack animals, camel, poultry and bee. However, good ownership is observed for cattle, shoats and poultry only.

WDRP Indicators

Hazard Related Characteristics



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Biological Hazards of the Wereda

Hazard_Name	Cause_Of_Hazard	Effects_Of_Hazard
-------------	-----------------	-------------------

Hazard_Sub_Type	1. Human disease	
------------------------	------------------	--

? Malaria ? Eye problems ? Chronic fever ? Stomach pain ? Pneumonia/ lung problem ? Diarrhea	- Lack of using mosquito net - Poor sanitation - Malnutrition - Lack of clean drinking water	- Illness and death of humans - Lack of working manpower
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Hazard_Sub_Type	Crop pests	
------------------------	------------	--

• Beetles , • Army worm, • Quelea Quelea bird		• Crop damage • Livestock damage • Loss of income
---	--	---

Hazard_Sub_Type	Livestock disease	
------------------------	-------------------	--

• Lumpy Skin Disease (LSD) • Contagious Caprine Pleuropneumonia (CCPP) • CBPP • Foot and Mouth Disease (FMD) • Faculiasis • Tick born diseases	Lack of vaccination	• Livestock damage • Loss of income • Health problems
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Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator Geological Hazards of the Wereda

<u>Hazard_Name</u>	<u>Cause_Of_Hazard</u>	<u>Effects_Of_Hazard</u>
--------------------	------------------------	--------------------------

Hazard_Sub_Type Geological Hazards

No Geological Hazards



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator	Hydro Metrological Hazards of the Wereda
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<u>Hazard_Name</u>	<u>Cause_Of_Hazard</u>	<u>Effects_Of_Hazard</u>
--------------------	------------------------	--------------------------

<u>Hazard_Sub_Type</u>	Hydro-Meteorological Hazards
------------------------	------------------------------

Drought	Deforestation	Crop damage Loss of access to grazing land Loss of income Human and livestock disease
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Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator **Socio Economic Hazards of the Wereda**

<u>Hazard_Name</u>	<u>Cause_Of_Hazard</u>	<u>Effects_Of_Hazard</u>
--------------------	------------------------	--------------------------

<u>Hazard_Sub_Type</u>	Social Hazards
------------------------	----------------

Economic shocks		Loss of income Loss of saving Loss of access to social services
Conflict	Revenge Competition over grazing land	Livestock stolen Death of household member Change residence area Loss of access to social services Loss of access to use resources



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator	Technological Hazards of the Wereda
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<u>Hazard_Name</u>	<u>Cause_Of_Hazard</u>	<u>Effects_Of_Hazard</u>
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<u>Hazard_Sub_Type</u>	Technological Hazards
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No Technological Hazards



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
CHENO	Conflicts	January	1999	1999	Decreased	Revenge	Migration	Migration of people in search of pasture and water	Traditional resolution mechanisms
	Droughts	July - September	1998, 2003	2000	Decreased		Crop damage, Livestock death	Deforestation, Over grazing	Government Aid
	Livestock diseases	May, June, July	2000, 2003	2002	Increased	they don't use vaccination	Death of cattle		Selling livestock
	Heat waves/ High temp	On summer	2001, 2003	2002	Increased		Damage crops		By using pesticide
CHISA	Droughts	September	1997, 2001	2001	Decreased	Lack of rain fall, outbreak of beetles	Crop damage, Livestock death	Deforestation	Government Aid, Selling assets
	Crop Pest	September	1994, 2000	1995	Decreased		Loss of crops		Government aid, By using cultural controlling measure



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
CHISA	Conflicts	June - October	1998, 2000	2000	Decreased	Competition over grazing land	Death of human, Death of animals		
	Heat waves/ High temp	March- June	1998, 2000	1999	Decreased		Loss of crop	Lack of afforestation practices	There is no coping strategies
TACHIMETATEBIYA	Heat waves/ High temp	September	1996, 2001	1996, 1999	Decreased		Crop loss, Death of cattle, Wastage of labor forces	Deforestation over grazing	Selling livestock government aid , Petty trade
	Crop diseases	Feb- sep	1990, 2000	1996, 1998	Decreased		crop damage, Poverty		Governmental aid
	Livestock diseases		2001, 2003	2001	Increased	Death of cattle	Death of livestock		Selling of animals
LAYIMETATEBIYA	Droughts	April - September	1994, 2001	2000	Decreased		Crop loss , loss of livestock	Deforestation	Sold of assets like goats caw, Government aid



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

<u>Kebele Name</u>	<u>Disaster Type</u>	<u>Common Period</u>	<u>Year Occured</u>	<u>Worst Year</u>	<u>Trends of Effects</u>	<u>Root Causes</u>	<u>Effects</u>	<u>Vulnerability</u>	<u>Coping Strategy</u>
LAYIMETATEBIYA	Crop diseases	February - March	1986, 2001	1995	Decreased		Damage of crop or loss of crops		
	Crop Pest	June	1997, 2001	2000	Increased		Damage of crops		pesticide
	Livestock diseases	May - June	2,001	2001	Increased	Drought	Loss of grazing land & crops		Using pesticide, Cell animals before shortage of food
	Economic / Price shock	April - September	2003	2003	Increased		Less purchasing power		Sell goats & cows & buy crops
HIDA RURAL	Droughts	August and September	1997-2001	1999	Decreased		Loss of output, Death of livestock, Hunger		Governmen t aid , School feeding program , Helping each other
	Crop Pest	April & May	1997	1997	Decreased	time of rain	Loss of crop, Loss of grazing plants		



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
HIDA RURAL	Crop Pest	September, October	1998-2000	1999 or 2000	Decreased	Lack of information	Damage of crops		Selling livestock
	Crop Pest	Half of September	1990, 1997	1993, 1995	Decreased	It came from the low land area	Damage of crops		Government aid , Selling oxen , Sold goats, Helping each other
	Economic / Price shock	April & May	2001, 2003	2003	Increased	Government	lack of purchasing powers		selling more goats and crops
ABALI	Droughts	April, June	1995, 2000	1997	Increased		Loss of assets, Livestock damage, Crop damage		Government aid, Selling livestock, Borrowing of each other
	Crop Pest	September	1998-1999	1997	Decreased	Unknown	Hunger, Loss of plant		Government Aid
	Heat waves/ High temp	April	1998-2003	1999	Increased		Loss of crop		Pesticide



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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
ABALI	Livestock diseases	January	2,002		Decreased		Death of goat , Reduced body size, shortage of income		selling
BILU	Droughts	September	1998, 2001	2001	Decreased		Crop damage or loss of production, livestock death	Deforestation	Waiting government aid, selling their livestock, shifting livestock production
	Crop Pest	September	1994, 2000	1995	Decreased		Crop loss, income loss, wastage of labor force and agricultural input	Seeding stage of the plan	cultural controlling measures



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
BILU	Conflicts	June-October	1999, 2000	2000	Decreased	By grazing land	Unutilized resources , Lack of animal food , Death of animals, Loss of human life		By using religious leaders solve social problem with cultural low
	Heat waves/ High temp	May, June	1998, 2000	1999	Decreased		It creates drought	High population growth and lack of resources	There is no coping strategies
DABIREKO	Droughts	September	1996, 2001	2000	Decreased		Loss of crops and migration	People clean forest	Sell of livestock (cow), Governmen t aid , searching daily labor work
	Conflicts		1995, 2000	All time of the year	Decreased	Revenge	Human death , Migration		Resettleme nt to other areas



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
GEBEROCH	Droughts	September	1996, 2000	1998	Decreased		Loss of crop , Death of cattle	Deforestation	Government aid, selling of assets
	Crop Pest		1999	1999	Decreased		Damage of crops		borrowing each other and selling animals
	Crop Pest	September	1993, 2000	1995	Decreased		Damage of crops		borrowing each other and selling animals
	Crop diseases	September, October	1998	1998	Decreased		Loss of crop		Pesticide
	Economic / Price shock	April	2003	2003	Decreased		Inflation		Selling products
GOZE	Crop Pest	June, September	1990, 1997	1994	Decreased	we dont know cause`	Damage of crop	Deforestation, over grazing	Government aid, By selling Ox, Caw goats etc
	Droughts	September	1993, 2000	1998	Decreased		Loss of assets, Death of cattle		Governmental aid



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Selected Indicator:

Disaster Characteristics By Kebele

<u>Kebele Name</u>	<u>Disaster Type</u>	<u>Common Period</u>	<u>Year Occured</u>	<u>Worst Year</u>	<u>Trends of Effects</u>	<u>Root Causes</u>	<u>Effects</u>	<u>Vulnerability</u>	<u>Coping Strategy</u>
GOZE	Crop Pest	On the rain season	1998, 2000	1999	Decreased		Death of community peoples	Keeping cattle	Solving the problem by Elders
	Crop diseases	April, September	2000, 2001	2000	Increased		loss of crops		Pesticide
	Crop Pest	2000, 2003	2000, 2003	2001	Increased		Damage production		Pesticide
HOMECHO DAYO	Crop Pest	June - September	1990, 1997	1994	Increased		Damage of crops		Governmental aid, selling assets
	Droughts	September	1993, 2001	1999	Decreased	Lack of rain fall	Loss of output and cattle death	Deforestation , Over grazing	Governmental aid
	Crop diseases	April - August	2000, 2001	2000	Increased		Use loss of crops when attached hold by warm		Pesticide
	Conflicts	September	1999	1999	Decreased	Revenge of each other	Death of youth peoples	Movement in search of grass	Negotiation through leaders



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Selected Indicator:

Disaster Characteristics By Kebele

<u>Kebele Name</u>	<u>Disaster Type</u>	<u>Common Period</u>	<u>Year Occured</u>	<u>Worst Year</u>	<u>Trends of Effects</u>	<u>Root Causes</u>	<u>Effects</u>	<u>Vulnerability</u>	<u>Coping Strategy</u>
HOMECHO DAYO	Economic / Price shock	April	2003	2003	Increased	Unknown	Protectin g inflation		Selling Goats
KOKA	Droughts	April, June	1995, 2000	1997	Increased		Loss of assets, livestock and crop		Governmen t aid, Selling livestock, Borrowing each other
	Crop Pest	September	1998-1999	1997	Decreased	Unknown	Hunger, Loss of plant		Governmen t Aid
	Crop Pest	April	1998-2003	1999	Increased		Loss of crop		Pesticide
	Livestock diseases	January	2,002		Increased		Death of goat , Reduced body size, shortage of income		Selling
SEFIY AGER	Droughts	January- September	1997-2001	2001	Decreased		Shortage of feeds, Death of livestock, Hungers		Governmen t selling resource



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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
SEFIY AGER	Hail Storm	June	2,000	2000	Decreased		Death of camel , Soil Erosion, Death of cattle		Government aid , Borrowing each other
	Crop diseases	September	1996	1998	Decreased		Crop damage		Government aid and borrowing each other
	Livestock diseases	January	2002	2002	Decreased		Death of Goats, Shortage of income		Selling
	Crop diseases	September, June, Mar	2000, 2003		Increased		Loss of crop production, Reduction of income		Pesticide
HIDELA	Droughts	September	1994, 2001	2000	Decreased		Loss of assets	Deforestation	Selling of assets, cow, Ox, Goat and governmental aid



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
HIDELA	Enset diseases	February- March	1990, 2001	1995	Decreased		Damage of crops		By using pesticide
	Crop Pest		1997, 2001	2000	Decreased		Damage of crops		Pesticide
	Livestock diseases	May- June	2000	2001	Increased		Loss of grazing feed and crops		Pesticide usage, To sell cattle before food shortage
	Economic / Price shock	April	2003	2003	Increased		Less purchasin g power	Transportati on system problem	Selling goats & buy crops
WARKA AMBA	Droughts	April-Septembe r	1997-2000	1999, 2000	Decreased		Hunger	Settlement problems, Landscape, Very small size of land	Governmen t aid, borrowing from rich , daily labor work
	Crop diseases	September	1992-1997	1994, 1996	Increased		Damage of crops		Governmen t aid , Aid by reach man from Addis Ababa



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Selected Indicator:

Disaster Characteristics By Kebele

Kebele Name	Disaster Type	Common Period	Year Occured	Worst Year	Trends of Effects	Root Causes	Effects	Vulnerability	Coping Strategy
WARKA AMBA	Crop Pest	Sep - Oct	2,001	2001	Decreased	Lack of information	Damage of crops	Far from Afar village , Information gap, Settlement problems, Landscape, Very small size of land	Government aid , Aid by reach man from Addis Ababa
	Crop Pest	May & June	2000	2000	Decreased		Loss of grazing and crops		
	Droughts	April	2003	2003	Increased	Price of material is high	Less purchasing power	Transportation problem	Selling goats to buy crops

IMPORTANT: The years and months mentoned in this report are according to Ethiopian Calendar (EC).



Data Collected Date

Friday, October 3, 2014

Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator: Hazards: Conflict as an Issue

KebeleName	Description_Of_Conflict	Change_In_Last_Decade	Main_Causes_Of_Conflict
LAYIMETATEBIYA	There is conflict		
CHISA	Very low conflict	No change	
CHENO	No conflict		
HIDA RURAL	Sometimes	No change	
TACHIMETATEBIYA	There is some conflict		
WARKA AMBA	Sometimes	No change	
ABALI	There is no conflict		
KOKA	No conflict		
BILU	There was a conflict at a medium level due to competition over the land	Decreased	
GOZE	Conflict had occurred at medium level		
SEFIY AGER	Very low conflict	Decreased	
GEBEROCH	Sometimes there is a conflict	Some change	
HOMECHO DAYO	There is conflict	No change	
DABIREKO	Conflict is due to lack of grazing and agricultural land , Lack of awareness, People can't have enough land and resources		



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Selected Indicator:

Hazard Situation During Last Disaster - Characteristics of most recent disasters that affected the community

KebeleName	Types of Disasters	Hazard Description	Effect Of Disaster	Most Severly Affected	Reason
LAYIMETATEBIYA		The magnitude is very high, it stayed for one year in 2001	Damage of Crops	Those who have small size farm land	
CHISA	Drought	It was very severe and killed animals, destroyed crops 1995- 1997	Loss of crops and death of livestock	All community	Their economic based on agriculture and livestock production
CHENO	Drought	Occurred loss of livestock, 1999, 2003	Death of livestock, Property	Whole community , particularly the poor	There economic based on agriculture and animal production
HIDA RURAL	Quelea Quelea birds	Most of the farmer crop is damaged, duration of existing period was 1998 up to 2000	Damage of crops	The people who have small size of farm land	Poor people who have alternative assets to sell
TACHIMETATEBIYA	Livestock disease	2001-2003 sheep & Goat are affected		Most of the people are affected	
WARKA AMBA	Quelea Quelea birds	The magnitude is very high the duration for one year	Damage of crops	Who have very small size farm land	
ABALI	Drought	1999-2000	The whole community	Poor people	
KOKA	Drought	Half of the community is affected by Drought and these disaster is occurred during the main cropping season for 3 or 4 months	This disaster affects almost all the community and caused loss of production, shortage of food and hunger	The poor were very severely affected. Those people where agriculture is the main source of income	



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Selected Indicator:

Hazard Situation During Last Disaster - Characteristics of most recent disasters that affected the community

KebeleName	Types of Disasters	Hazard Description	Effect Of Disaster	Most Severly Affected	Reason
BILU	Drought	1995- 1997, large area coverage, stayed for 3 or 4 months within a year	loss of food crop and animal death	All the community member, But week and poor severely affected	
GOZE	Increasing temperature	Caused the drought	Decreased crops yield , Reduced the water access	The poor and weak	
SEFIY AGER	Drought	1999-2001, it was seven	Crop damage, Livestock disease	All community member	agriculture and livestock production is the main livelihood
LEKURA_HAMMADISI RATE(RURAL)	Livestock disease	Duration 2001-2002	Death of livestock, Property	Poor	
HOMECHO DAYO	Increased temperature	For 3 or 4 months	The reduction of access to water source, Decreased annual yield or crop production	severely the poor and week are mostly affected	
GEBEROCH	Livestock disease	1999, most animals are affected	Death of livestock, Property	Many animals are affected	
DABIREKO	Drought	The third or half of the community is affected by drought and this disaster occurred in the main season for three months	This disaster affected all the community	All community member , but weak and poor are severely affected	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator: **Frequency of Disaster Occurrence**

	4 out of 5 years or more	3 out of 5 years	2 out of 5 years	1 out of 5 years	0 Never
Conflicts	22.00	30.00	44.00	4.00	
Crop diseases	26.00	37.00	21.00	16.00	
Droughts	48.00	27.00	12.00	14.00	
Economic / Price shock	25.00	9.00	12.00	53.00	1.00
Floods	20.00		40.00	40.00	
Frost / Cold waves				100.00	
Heat waves/ High temp	12.00	39.00	46.00	4.00	
Human diseases	14.00	29.00		100.00	
Landslides		100.00			
Livestock diseases	16.00	22.00	34.00	27.00	
Road Accident				100.00	



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Selected Indicator:

Household Exposure to Hazards

<u>Disaster Type</u>	<u>General Exposure</u>	<u>Last Five Years Exposure</u>
Droughts	28.50	27.30
Floods	0.80	0.50
Landslides	0.60	0.10
Crop diseases	27.80	29.10
Livestock diseases	23.90	24.90
Human diseases	3.90	0.90
Storms / Cyclone/hail storm	0.30	
Heat waves/ High temp	2.90	0.10
Heat waves/ High temp	1.90	0.10
Conflicts	3.10	2.70
Economic / Price shock	5.90	2.40
Forest Fires	0.10	11.90
Earthquake	0.20	
Road Accident	0.20	0.10



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Months of Occurrence of Frequent Disasters

	A - Sep (Meskerem)	B - Oct (Tikimt)	C - Nov (Hidar)	D - Dec (Tahsas)	E - Jan (Tir)	F - Feb (Yekatit)	G - Mar (Megabit)	H - Apr (Meazea)	I - May (Ginbot)	J - Jun (Sene)	K - Jul (Hamle)	L - Aug (Nehase)
Conflicts	9.10										18.20	72.70
Crop diseases	45.40	7.30	0.30	0.30			1.30	7.00	7.30	5.10	5.10	20.40
Droughts	65.20	4.40	0.30		1.40	1.40	2.70	4.10	12.60	2.70	2.00	4.10
Economic / Price shock	34.30	3.80	2.90	4.80	2.90		1.90	4.80	1.00	1.90	17.10	21.90
Floods									50.00	25.00		25.00
Frost / Cold waves									100.00			
Heat waves/ High temp	80.80		3.80						7.70			7.70
Heavy Rain	100.00											
Human diseases	20.00		20.00		20.00				20.00			20.00
Landslides												100.00
Livestock diseases	17.90	3.00	0.80	0.80	7.60	3.80	5.70	9.90	38.00	8.70	1.50	1.90



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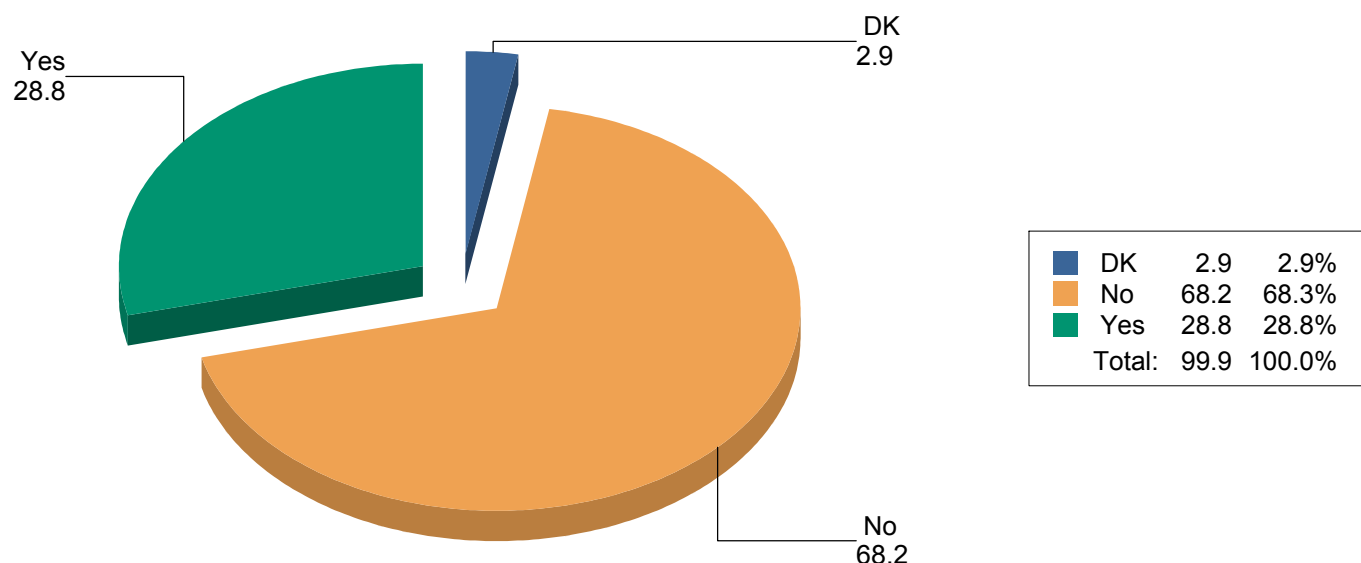
Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator: Conflicts: Perception of households on conflict issues - Is conflict an issue in this community?

Is Conflict an Issue in Community? **Response** **Percent**

Yes	28.80
No	68.20
DK	2.90

Is Conflict an Issue in Community?





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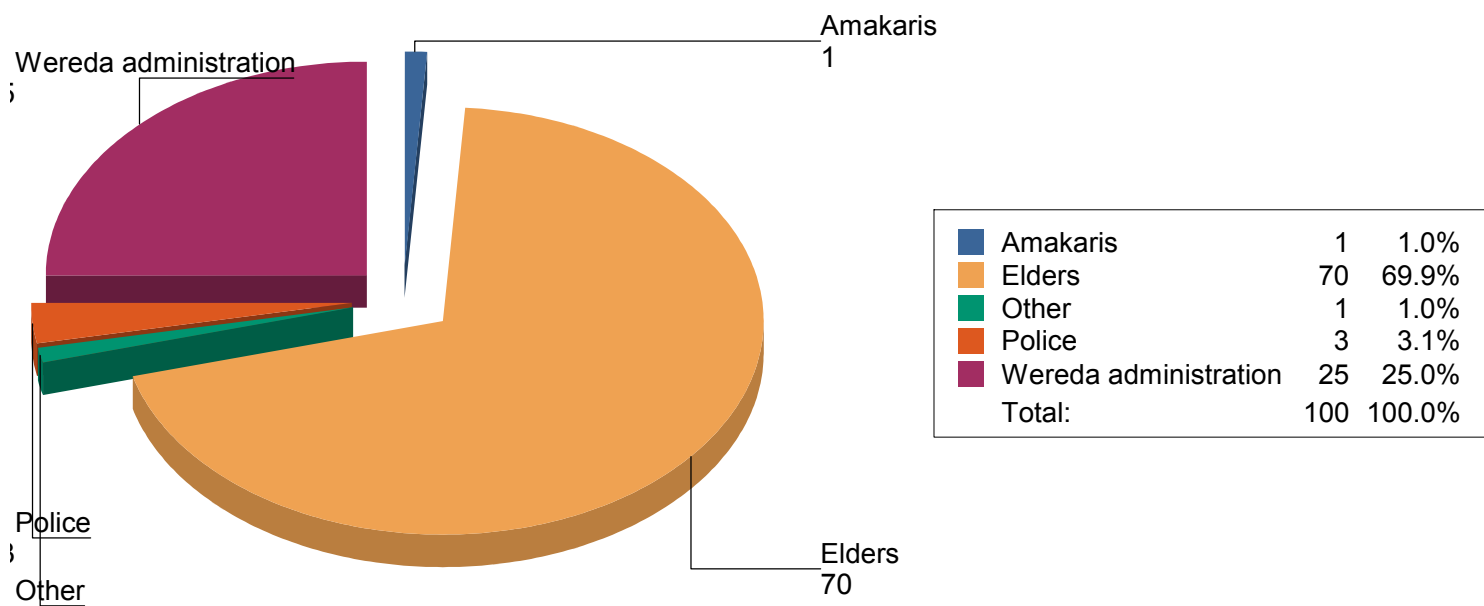
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Selected Indicator: Conflicts: Perception of households on conflict issues - Who To Turn To in case of Conflict?

Who To Turn During Conflict?	Response Percentage
Elders	69.80
Amakaris	1.00
Wereda administration	25.00
Police	3.10
Other	1.00

Who To Turn During Conflict?





Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: **Losses from Disasters - Losses from all disasters (household response in %)**

<u>Type of Loss</u>	<u>Main Loss Percent</u>	<u>Secondary Loss Percent</u>
Physical damages on houses and property	7.70	11.50
Crop damage	37.10	3.50
Livestock damage	23.40	9.10
Death of household members	1.00	0.10
Illness/health problems	1.60	1.90
Loss of access to social services, including school	0.90	2.90
Loss of income	14.40	36.50
Loss of savings	3.40	6.10
Livestock were stolen	1.00	0.90
Lost access to grazing land	5.80	14.20
Lost access to water source	2.90	9.50
Had to flee/change residence area	0.50	2.00
Other losses/damages	0.30	1.50



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator: Losses from Disasters - Main Losses by Type of Disasters (household response in %)

Type of Loss Type of Disasters which mainly caused Listed Losses

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Frost / Cold waves	Heat waves/ High temp	Heavy Rain	Human diseases	Landslides	Livestock diseases
Crop damage		73.10	45.20		20.00		34.60	100.00	28.60	100.00	3.60
Death of household members	23.80	0.60							28.60		0.40
Had to flee/change residence area	19.00		0.30								
Illness/health problems		1.30	0.70						28.60		3.20
Livestock damage		9.40	4.10	0.90	20.00	100.00	3.80				77.40



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Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator: Losses from Disasters - Main Losses by Type of Disasters (household response in %)

Type of Loss **Type of Disasters which mainly caused Listed Losses**

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Frost / Cold waves	Heat waves/ High temp	Heavy Rain	Human diseases	Landslides	Livestock diseases
Livestock were stolen	42.90										0.40
Loss of access to social services, including school		0.60	1.40	1.80	20.00						
Loss of income		3.60	12.60	73.60			7.70		14.30		6.00
Loss of savings	4.80	0.30		18.20			30.80				2.00
Lost access to grazing land	4.80	1.00	11.60	1.80	20.00		15.40				6.00



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Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator: Losses from Disasters - Main Losses by Type of Disasters (household response in %)

Type of Loss **Type of Disasters which mainly caused Listed Losses**

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Frost / Cold waves	Heat waves/ High temp	Heavy Rain	Human diseases	Landslides	Livestock diseases
Lost access to water source			4.10	1.80			7.70				
Other losses/damages		0.30		0.90	20.00						
Physical damages on houses and property	4.80	5.20	19.70	0.90							1.20



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Losses from Disasters - Secondary Losses by Type of Disasters (household response in %)

Type of Loss

Type of Disasters which caused Listed Secondary Losses

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Frost / Cold waves	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Crop damage		2.50	6.40							2.50
Death of household members		0.40								
Had to flee/change residence area	16.70	0.80	1.10	2.50						3.40
Illness/health problems		3.70	0.40					100.00	16.70	1.10
Livestock damage		3.30		2.50	18.90				16.70	4.00



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Losses from Disasters - Secondary Losses by Type of Disasters (household response in %)

Type of Loss

Type of Disasters which caused Listed Secondary Losses

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Frost / Cold waves	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Livestock were stolen	16.70	0.80								2.30
Loss of access to social services, including school		5.80	2.30						16.70	0.60
Loss of income		63.60	13.60	15.00	40.00	100.00	66.70		16.70	39.80
Loss of savings		5.80	2.30						52.50	2.30
Lost access to grazing land		3.70	24.50		20.00					17.60



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Losses from Disasters - Secondary Losses by Type of Disasters (household response in %)

Type of Loss	Type of Disasters which caused Listed Secondary Losses									
	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Frost / Cold waves	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Lost access to water source		2.90	22.60				33.30			1.70
Other losses/damages			0.40	25.00						
Physical damages on houses and property	66.70	6.20	7.20		20.00				16.70	26.10



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

Month of Hazard	Major Problems /Disasters	Hazard Severity Rank	Agricultural Activities	Income Level Rank
<u>Kebele</u>	ABALI			
E - Jan (Tir)	Goat & sheep disease	1		--
G - Mar (Megabit)			Livestock production	--
K - Jul (Hamle)		1	Teff/crop sowing	--
K - Jul (Hamle)		1	Teff/crop sowing	--
K - Jul (Hamle)	Drought	3		--
B - Oct (Tikimt)			Teff harvesting	--
C - Nov (Hidar)			Harvesting	--
C - Nov (Hidar)			Harvesting	--
<u>Kebele</u>	BILU			
E - Jan (Tir)			Livestock production	--
I - May (Ginbot)			Crop sowing	3rd
I - May (Ginbot)			Crop sowing	--

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
K - Jul (Hamle)	Insect pests	2	Weeding	2nd
A - Sep (Meskerem)	Drought	1	Harvesting	1st
A - Sep (Meskerem)	Animal disease	1		--
<u>Kebele</u> CHENO				
E - Jan (Tir)				2nd
F - Feb (Yekatit)				3rd
E - Jan (Tir)				4th
H - Apr (Meazea)			Sorghum, Corn sowing	--
I - May (Ginbot)	Livestock disease	2	Weeding	--
K - Jul (Hamle)		3	Sorghum, Corn, Teff	--
A - Sep (Meskerem)	Drought	1	Weeding	--
C - Nov (Hidar)			Harvesting	1st

Kebele CHISA

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
E - Jan (Tir)			Livestock production	--
I - May (Ginbot)			Crop sowing	--
I - May (Ginbot)	Increase pests		Weeding	--
L - Aug (Nehase)				1st
A - Sep (Meskerem)	Drought	3		--
B - Oct (Tikimt)			Harvesting	--
D - Dec (Tahsas)	Goat disease	2		--

<u>Kebele</u>	DABIREKO			
E - Jan (Tir)	Livestock production			3rd
G - Mar (Megabit)		3	Crop sowing	4th
H - Apr (Meazea)	Animals disease	1	Weeding	1st
I - May (Ginbot)	Drought	1		--
J - Jun (Sene)			Harvesting	--

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

Month of Hazard	Major Problems /Disasters	Hazard Severity Rank	Agricultural Activities	Income Level Rank
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K - Jul (Hamle)	Conflict	2		--
L - Aug (Nehase)	The occurrence of pests	3		--

Kebele GEBEROCH

K - Jul (Hamle)	Goat disease conflict	2		--
G - Mar (Megabit)			Sorghum, corn sowing	3rd
I - May (Ginbot)	Warm plant disease	3	Weeding	2nd
J - Jun (Sene)	Human health problem	3	Weeding	2nd
K - Jul (Hamle)			Sorghum, corn sowing	3rd
L - Aug (Nehase)			Weeding	2nd
A - Sep (Meskerem)	Drought, Human health problem	3	Weeding	2nd
C - Nov (Hidar)	Conflict	1	Harvesting	1st
C - Nov (Hidar)	Conflict	1		--

Kebele GOZE

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
E - Jan (Tir)	Livestock production			1st
G - Mar (Megabit)	Shortage of rain fall		Crop sowing	3rd
H - Apr (Meazea)	Drought	1	Weeding	2nd
K - Jul (Hamle)	Beetles	3	Harvesting	1st
A - Sep (Meskerem)	Beetles /plant pests and Drought	2		--
C - Nov (Hidar)			Threshing	--

<u>Kebele</u>	HOMECHO DAYO			
E - Jan (Tir)				2nd
F - Feb (Yekatit)				3rd
G - Mar (Megabit)	Shortage of rain fall	2		4th
H - Apr (Meazea)	Drought		Sorghum , corn sowing	--
J - Jun (Sene)	Beetles	1	Weeding	--
K - Jul (Hamle)			Sorghum , corn sowing	--

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
L - Aug (Nehase)	Conflict		Weeding	--
A - Sep (Meskerem)	Drought, Plant pests /beetles	3	Weeding	--
C - Nov (Hidar)			Harvesting	1st
<u>Kebele</u> KOKA				
E - Jan (Tir)			Livestock production	3rd
G - Mar (Megabit)			Crop sowing	4th
H - Apr (Meazea)	Animal disease		Weeding	1st
I - May (Ginbot)	Drought			
J - Jun (Sene)			Harvesting	2nd
K - Jul (Hamle)	Disease that affect their plants /crops & insects pests			
A - Sep (Meskerem)	Drought			
<u>Kebele</u> LAYIMETATEBIYA				
E - Jan (Tir)	Livestock disease	2		--

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
H - Apr (Meazea)			Sorghum corns- crop sowing	3rd
I - May (Ginbot)			Weeding	2nd
J - Jun (Sene)	Cattle disease & Drought	3	Weeding	2nd
J - Jun (Sene)			Sorghum , corn , Teff crop sowing	3rd
L - Aug (Nehase)			Weeding	
A - Sep (Meskerem)	Lack of rain fall		Weeding	
C - Nov (Hidar)	Lack of rain fall		Harvesting	2nd

<u>Kebele</u>	LEKUMA_MEANDITO & MAESSERA			
E - Jan (Tir)	Livestock disease			--
H - Apr (Meazea)			Sorghum, Crop sowing	4th
I - May (Ginbot)			Weeding	2nd
J - Jun (Sene)	Cattle disease Drought		Weeding	2nd
K - Jul (Hamle)			Sorghum, Crop sowing	3rd

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



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Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
J - Jun (Sene)			Weeding	2nd
A - Sep (Meskerem)	Lack of rain fall		Weeding	2nd
C - Nov (Hidar)	Lack of rain fall		Harvesting	1st
<u>Kebele</u> LEKURA_HAMMADISIRATE(RURAL)				
H - Apr (Meazea)			Sorghum , Corn sowing	--
I - May (Ginbot)	Warm in plant disease	1	Weeding	--
J - Jun (Sene)	Human health problem		Weeding	--
K - Jul (Hamle)	Lack of rain fall	2	Sorghum , Corn sowing	--
L - Aug (Nehase)			Weeding	--
A - Sep (Meskerem)	Human health problem, Goat disease, Drought	3	Weeding	--
A - Sep (Meskerem)	Goat disease			--
C - Nov (Hidar)				--
E - Jan (Tir)		6		2nd

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

Month of Hazard	Major Problems /Disasters	Hazard Severity Rank	Agricultural Activities	Income Level Rank
F - Feb (Yekatit)	Animal disease	5		3rd
G - Mar (Megabit)	Animal disease	4		--
H - Apr (Meazea)	Lack of rain fall	3	Sorghum, corn, Crop sowing	--
I - May (Ginbot)	Unseasonal rain fall	1	Weeding	--
J - Jun (Sene)	Specially goats & caw disease	2	Weeding	--
K - Jul (Hamle)		4	Sorghum, corn, Crop sowing	--
L - Aug (Nehase)		7	Weeding	--
A - Sep (Meskerem)	Drought lack of rain fall , Plant diseases	8	Weeding	--
B - Oct (Tikimt)			Harvesting , Corn teff sorghum	1st

<u>Kebele</u>	SEFIY AGER			
E - Jan (Tir)	Livestock disease	2		--
H - Apr (Meazea)			Sorghum	--
J - Jun (Sene)	Army worm	3	Sorghum weeding	--

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
J - Jun (Sene)			Teff sowing	--
L - Aug (Nehase)	Drought	1	Teff weeding	--
C - Nov (Hidar)			Sowing harvesting	--
<u>Kebele</u>	TACHIMETATEBIYA			
E - Jan (Tir)		2		
F - Feb (Yekatit)	Beetles conflict	2		3rd
H - Apr (Meazea)	Conflict	4		4th
H - Apr (Meazea)	Lack of rain fall inflation	1	Sorghum , Corn, Sowing	
I - May (Ginbot)			Weeding	
J - Jun (Sene)			Weeding	
K - Jul (Hamle)			Sorghum , Corn, Sowing	
L - Aug (Nehase)			Weeding	
A - Sep (Meskerem)	Drought	3	Weeding	

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: Seasonal Calendar for Hazards, Activities and Income Level By Kebele

<u>Month of Hazard</u>	<u>Major Problems /Disasters</u>	<u>Hazard Severity Rank</u>	<u>Agricultural Activities</u>	<u>Income Level Rank</u>
C - Nov (Hidar)			Harvesting	1st
<u>Kebele</u> WARKA AMBA				
E - Jan (Tir)	Livestock disease	3		--
H - Apr (Meazea)	Lack of rain fall	1	Sorghum corn, Crop sowing	3rd
I - May (Ginbot)			Weeding	2nd
J - Jun (Sene)	Lack of rain fall	2	Weeding	2nd
K - Jul (Hamle)			Sorghum corn, Crop sowing	3rd
L - Aug (Nehase)			Weeding	2nd
A - Sep (Meskerem)	Cattle disease Drought	3	Weeding	2nd
C - Nov (Hidar)	Lack of rain fall	1	Harvesting	--

NOTE: Hazard Severity Rank helps prioritize the more severe hazards that have occurred in the months of disaster occurrence, 3 being the worst and 1 the least severe hazards.

WDRP Indicators

Infrastructure Access Characteristics



Data Collected Date

Friday, October 3, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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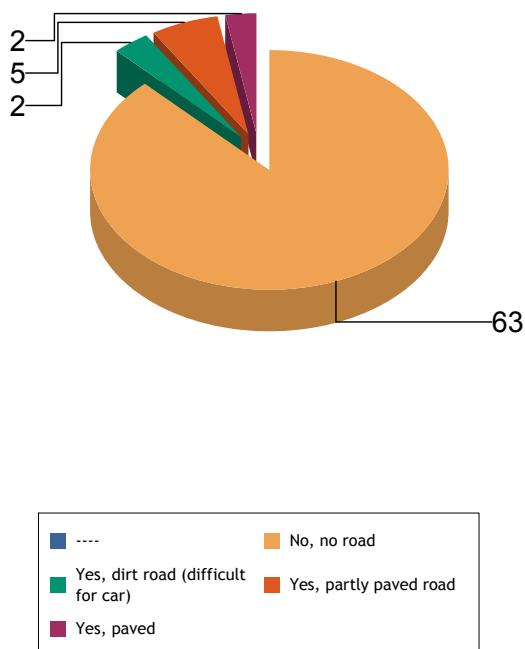
Selected Indicator

Physical Vulnerability: Access to Roads & Urban Centres - Households access to road and urban centre

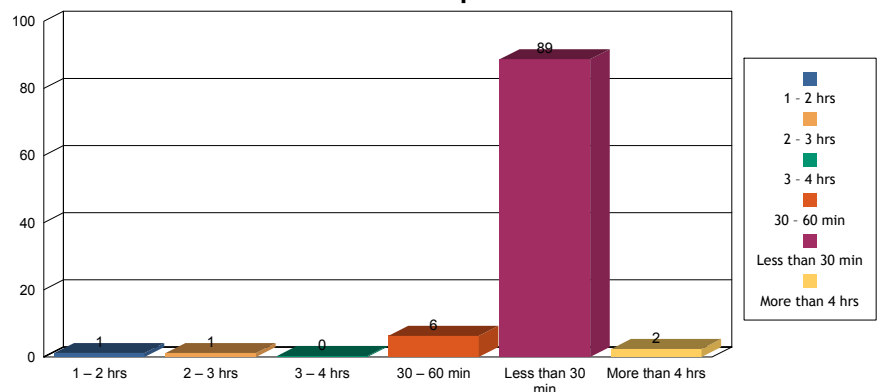
<u>Type of Road</u>	<u>Response</u>	<u>Time to Nearest Paved Road (Mins.)</u>	<u>Response</u>	<u>Time To Nearest Urban Center (Mins.)</u>	<u>Response</u>
Yes, paved	1.90	Less than 30 min	88.70	Less than 1 hr	9.30
Yes, partly paved road	4.50	30 - 60 min	6.30	1 - 2 hrs	27.10
Yes, dirt road (difficult for car)	2.20	1 - 2 hrs	1.20	2 - 4 hrs	38.30
No, no road	62.50	2 - 3 hrs	1.20	4 - 6 hrs	21.20
----	0.00	3 - 4 hrs	0.30	More than 6 hrs	4.10
----	0.00	More than 4 hrs	2.40	----	0.00

<u>Avg Time To Nearest Urban Center(Mins.)</u>	206.00	<u>Avg Time To Nearest Paved Road</u>	29.70
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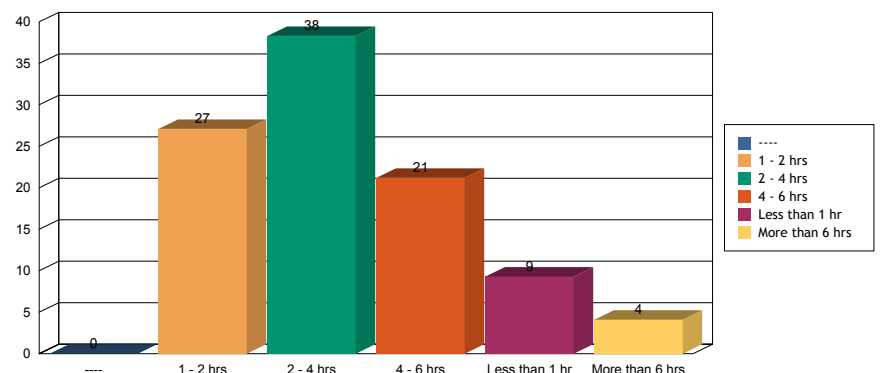
Type of Road



Time to reach the nearest paved road from the HH



Time to reach nearest urban center from the HH





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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Physical Vulnerability: Access to Electricity - Households access and utilization of electricity

<u>Household Located In Electricity</u>	0.00
---	------

<u>Household Connected To Electricity</u>	0.00
---	------



Data Collected Date

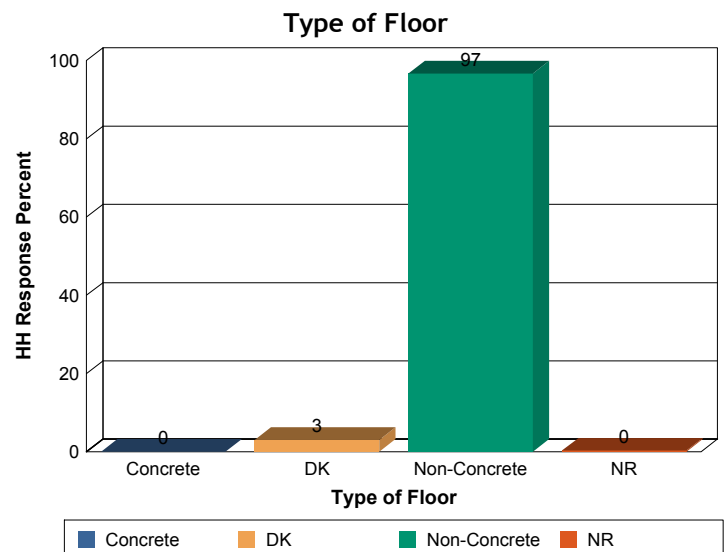
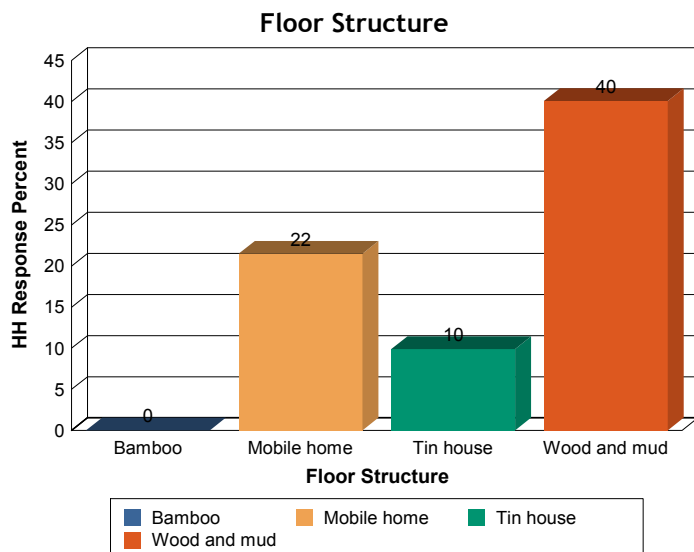
Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Physical Vulnerability: Type of Dwelling Units - Households type of dwelling houses

Floor Structure	HH Response	Type of Floor	HH Response
Wood and mud	40.10	Concrete	0.00
Tin house	9.90	Non-Concrete	96.70
Mobile home	21.50	DK	3.00
Bamboo	0.00	NR	0.30



WDRP Indicators

Socio Demographic Characteristics



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Level of Migration - Migration level and its characteristics by Kebele

Kebele Name	Approx. No.	Age Group	Sex	Migration Period	Migration Trend	Migration Reason	Destination
CHENO	50	20-55	Both	1999	Decreased	Conflict	Dulecha, Awash, Werer & Shewa robit
LEKURA_HAMMADISIRA TE(RURAL)	0	0		0	Decreased	Lack of water	Awash, Shewa robit
WARKA AMBA	50	20-25	Male & fem	2000, 2003	Increased	Economic hardship, Searching job opportunity, Loss of assets	Urban area like Awash shewarobit(Areb emret)
KOKA	20	Youth	Male	1995- 1997	Increased	Economic hardship due to drought, Loss of assets, lack of job opportunity	Raja, Debrebrhan, Shewarobit, Addis ababa
BILU	60	All		1999, 2002	Decreased	Conflict	Conflict
GOZE	20	Youth crops	Male	1999-2000	Increased	Scarcity of land , lack of job Opportunity, Conflict	Shewarobit, Aliyo Amba
SEFIY AGER	12	30-35	M & F	2001	Decreased	Lack of sufficient water, Economic hardship, No Job opportunity	Aliyu Amba, Gachene
LEKURA_HAMMADISIRA TE(RURAL)	20	25-32	M & F	2000, 2003	Increased	Economic hardship, Loss of assets	Gida , Awash, Were
HOMECHO DAYO	75	18-30	Wale	1999-2000	Increased	Economic hardship, Job opportunity, Scarcity of land, conflict	Awash , Addis abeba , Gida Debuba



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Level of Migration - Migration level and its characteristics by Kebele

Kebele Name	Approx. No.	Age Group	Sex	Migration Period	Migration Trend	Migration Reason	Destination
GEBEROCH	30	18-25	Male	1999	Decreased	Economic hardship, Drought, Loss of assets	Gida , Awash, Were
GEBEROCH	2000	All type of age group	All	1997- 2001	Decreased	Loss of assets for example oxen due to conflict	Gida , Awash, Were



Data Collected Date

Friday, October 3, 2014

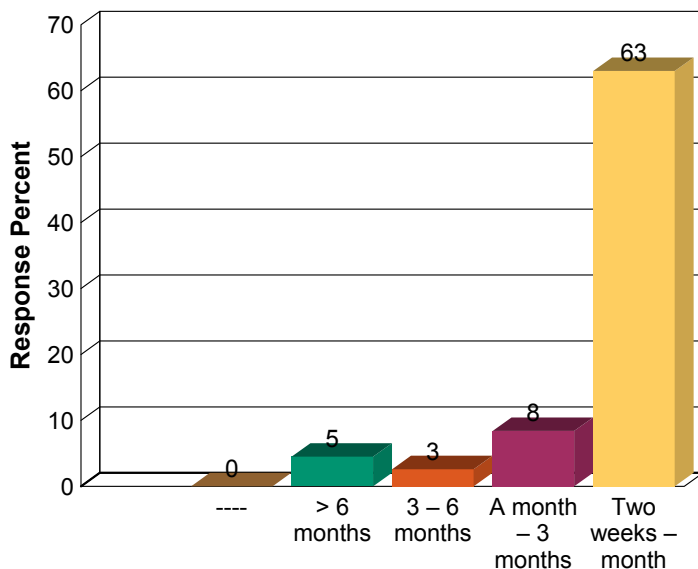
Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

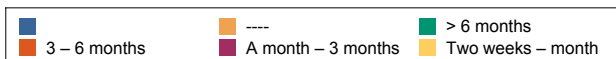
Economic Vulnerability: Household Migration - Household migration and reason for migration

Duration of Migration	Response Percent	Migration Reason	Response Percent
Two weeks - month	63.00	Visiting	1.30
Two weeks - month	21.40	Family reasons	53.90
A month - 3 months	8.40	Looking for work	7.20
3 - 6 months	2.60	Working elsewhere	0.70
> 6 months	4.50	In grazing camp	1.30
----	0.00	Fleeing/hiding	1.30
----	0.00	Fleeing/hiding	34.20

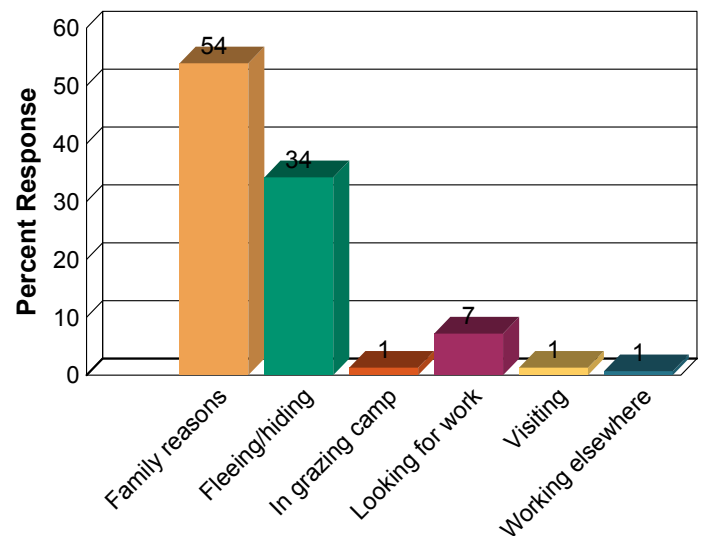
Duration of Migration



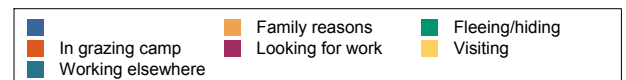
Duration of Migration



Migration Reason



Migration Reason





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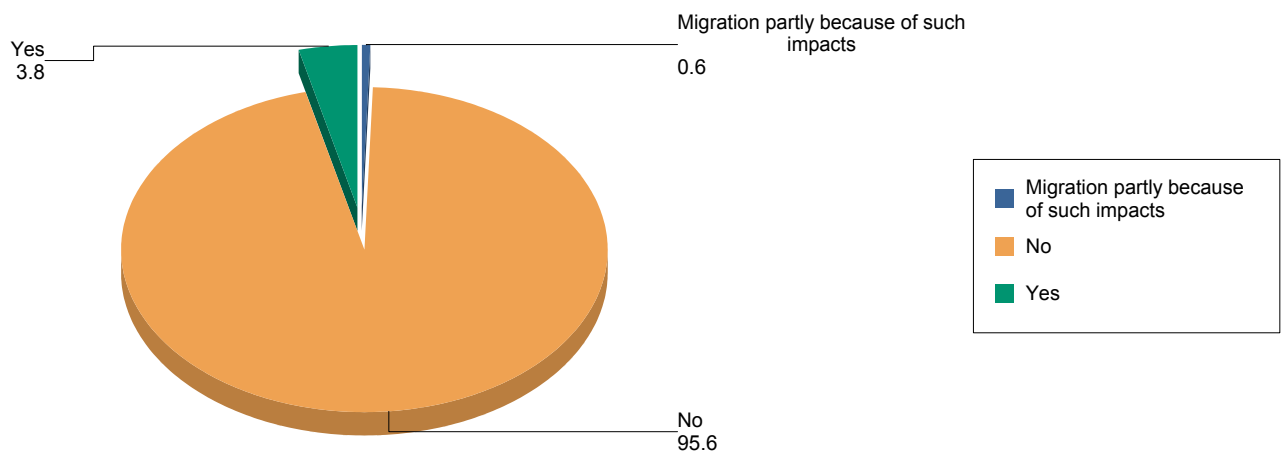
Selected Indicator

Economic Vulnerability: Household Migration - Disasters as a triggering factor for migration (households response in %)

Is Migration Due to Hazard?	HH Response - Due To Hazard
-----------------------------	-----------------------------

No	95.60
Yes	3.80
Migration partly because of such impacts	0.60

Is Migration Due to Hazard?





Data Collected Date

Thursday, September 18, 2014

Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Demography: Population Structure

KEY:

Male	Female
------	--------

	Children (0-12 yrs)	Older (Above 55 yrs)	Working (25-55 yrs)	Youth (12-25 yrs)
ABALI	8 12	3 2	25 25	13 12
BILU	20 20	3 2	12 15	15 15
CHENO	15 25	1 3	2 4	20 30
CHISA	15 25	5 5	9 11	15 15
DABIREKO	15 20		4 6	15 15
GEBEROCH	20 30	6 3	15 20	3 3
GOZE	18 22	2 3	15 15	13 12
HIDA RURAL	12 8	3 2	26 24	15 10
HOMECHO DAYO	17 23	2 3	13 17	12 13
KOKA	19 16	6 9	12 13	13 12
LAYIMETATEBIYA	15 25	4 6	15 15	8 12
LEKURA_HAMMADISIRATE(RURAL)	5 7	5 3	14 16	30 20



Data Collected Date

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Region AFAR

Zone ZONE 3

Wereda ARGOWA SPECIAL

Selected Indicator:

Demography: Population Structure

	Children (0-12 yrs)	Older (Above 55 yrs)	Working (25-55 yrs)	Youth (12-25 yrs)
SEFIY AGER	20	5	8	20
	30	7	5	15
TACHIMETATEBIYA	15	2	17	12
	25	3	18	8
WARKA AMBA	24	4	9	15
	26	6	6	10



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Demography: Population Trends and Ethnic Groups

<u>Kebele Name</u>	<u>Population Change Trend</u>	<u>Population Change Reasons</u>	<u>Ethnic Groups</u>
LAYIMETATEBIYA	Increased	More children	Argoba
CHISA	Increased	More children	Argoba
CHISA	Decreased	Out migration	Argoba
HIDA RURAL	Increased	More children	Argoba
TACHIMETATEBIYA	Increased	More children	Argoba
WARKA AMBA	Increased	More children	Argoba
ABALI	Increased	More children	Argoba
KOKA	Increased	More children	Argoba
BILU	Increased	More children	Argoba
GOZE	Increased	More children	Argoba
SEFIY AGER	Increased	More children	Argoba
LEKURA_HAMMADIS IRATE(RURAL)	Increased	More children	Argoba
LEKUMA_MEANDITO & MAESSERA	Increased	More children	Argoba
HOMECHO DAYO	Increased	More children	Argoba
GEBEROCH	Increased	More children	Argoba
DABIREKO	Increased	More children	Argoba



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Social Vulnerability: Household Demographic Characteristics - Demographic characteristics of households

<u>Demographic Indicator</u>	<u>Indicator Value</u>	<u>Comments</u>
Average household size	7	On average each household in the wereda has 6.53 household members
Sex ratio	1	Male to female ratio is 1.13
Child sex ratio (under 14 yrs)	1	Male to female ratio for age group of under 14 is 1.13
Adult sex ratio (18 & Above yrs)	1	Male to female ratio for age group of 18 and above is 1.04
Dependency ratio $\left(\frac{[(0-14)+(64+)]}{(15-64)}\right)$ yrs)	1	For every working adult there are 1.29 dependent people



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Social Vulnerability: Level of Educational Attainment - Education status of household members

<u>General Awareness</u>	<u>Percentage</u>	<u>Educational Level</u>	<u>Percentage</u>
Read and understand text - with difficulty	14.20	From Proportion of population (7+) - Primary (1-6)	35.20
Cannot read and understand text	78.20	From Proportion of population (7+) - Less than 1st grade	2.80
Can write letters - with difficulty	12.80	From Proportion of population (15+) - Diploma	0.00
Can write letters - with difficulty	12.80	From Proportion of population (15+) - Pursuing or completed University	0.00
Cannot write letters	80.10	----	0.00
Read and understand text - Easily	7.60	From Proportion of population (7+) - Less than 1st grade	61.00
Can write letters - easily	7.10	From Proportion of population (7+) - Technical	0.00
<u>General Literacy Rate</u>	<u>Percentage</u>	<u>Adult Literacy Rate</u>	<u>Percentage</u>
Proportion of literate population (7+) to total 7+ population	9.30	Proportion of literate population (15+) to total 15+ population	6.80



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
Selected Indicator	Social Vulnerability: Gender Parity - Gender parity in education level (7+ years) and household heading				
<u>Educational Level</u>	<u>Male_Percent</u>		<u>Female_Percent</u>		
From Proportion of population (7+) - Less than 1st grade	53.20		46.80		
From Proportion of population (7+) - Primary (1-6)	42.50		57.50		
From Proportion of population (7+) - Primary (1-6)	54.00		45.80		
AMREF (African Medical and research Foundation)	42.90		57.10		
<u>Male Head of HH</u>	80.80	<u>Female Head of HH</u>		19.20	

WDRP Indicators

Environmental Characteristics



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
Selected Indicator					
Environmental Situation: Environmental Problems - Major environmental problems by Kebele					
KebeleName	Problem_1	Problem_2	Problem_3	Problem4	
LAYIMETATEBIYA	Pests	Soil erosion			
CHISA	Deforestation	Pests			
CHENO	Soil erosion				
HIDA RURAL	Soil erosion	Pests			
TACHIMETATEBIYA			Soil erosion	Deforestation	
WARKA AMBA			Soil erosion	Pests	
ABALI	Soil erosion	Pests			
KOKA	Soil erosion	Land degradation	pests		
BILU	Soil erosion	Pests			
GOZE	Soil erosion	pests	Climate change		
SEFIY AGER	Soil erosion	Pests			
LEKURA_HAMMADI SIRATE(RURAL)		Pests			
LEKUMA_MEANDIT O & MAESSERA	Pests	Soil erosion			
HOMECHO DAYO	Soil erosion	pests			
GEBEROCH	Pests				
DABIREKO	Pests	Soil erosion			



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: General Land Quality - Perceptions of the community on changes in the general quality of land over a decade

<u>KebeleName</u>	<u>Current Situation</u>	<u>Change Last Decade</u>	<u>Comment</u>
LAYIMETATEBIYA	Good	Decreased	
CHISA	Low	The same	
CHENO	Better		
HIDA RURAL	Good		Shifting to crop production
TACHIMETATEBIYA	Good		
WARKA AMBA	Hens		
WARKA AMBA	Hens		
ABALI	Low	Increase	Sowing the same crops
KOKA	Medium		
BILU	Low quality	The same	
GOZE	Medium		
SEFIY AGER	Low quality	Increase	Sowing the same crop
LEKURA_HAMMAD ISIRATE(RURAL)	Good		
LEKUMA_MEANDI TO & MAESSERA	Good	Decreased	
HOMECHO DAYO	Good		
GEBEROCH	Good		
DABIREKO	Low	No change	



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
Selected Indicator	Environmental Situation: Changes in Landscape - Changes observed by the community on landscape and the problems due to the changes				
KebeleName	Changes_Observed	Problems_Due_To_Changes			
LAYIMETATEBIYA	No change				
CHISA	No change				
CHENO	Land cover	Conflict			
HIDA RURAL	No change				
TACHIMETATEBIYA	No change				
WARKA AMBA	No change				
ABALI	No change				
KOKA	Forest coverage reduced	Shortage of water supply & decreasing soil productivity			
BILU	Forest coverage reduced	Shortage of water supply & decreasing soil productivity			
GOZE	Forest coverage reduced	Shortage of water supply & decreasing soil productivity			
SEFIY AGER	There is no change				
LEKURA_HAMMADISIRA TE(RURAL)	No change				
LEKUMA_MEANDITO & MAESSERA	No change				
LEKURA_HAMMADISIRA TE(RURAL)	No change				
DABIREKO	Forest coverage reduced	Shortage of water supply & decreasing soil productivity			
GEBEROCH	No change				



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Environmental Situation: Land-Use other than crop production - Types of land use other than crop production across Kebeles

Kebele Name	Landuse_1	Comments_1	Landuse_2	Comments_2	Landuse_3	Comments_3
LAYIMETATEBIYA	Grazing land		Honey production	There is no input		
CHISA	Grazing land	0.5				
CHENO	Grazing land		Forest			
TACHIMETATEBIYA	Grazing land		Irrigation land			
ABALI	Grazing land					
KOKA	Grazing land	25				
BILU	Grazing land					
GOZE	Grazing land		Historical store of salt			
SEFIY AGER	For grazing land	0.25				
LEKURA_HAMMADISIRA TE(RURAL)	Grazing land		Honey production		Irrigation access	
LEKUMA_MEANDITO & MAESSERA	Grazing land		Honey production			
HOMECHO DAYO	Stone resources		Historical store of salt			
GEBEROCH	Grazing land		Honey production		Forest	
DABIREKO	Grazing land					



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Selected Indicator

Environmental Situation: Deforestation - Observed changes over levels of deforestation by the community and its problems

<u>KebeleName</u>	<u>Changes_Observed</u>	<u>Problems_Due_To_Changes</u>
LAYIMETATEBIYA	Increasing	High temperature
CHISA	Decreased	Soil Erosion
CHENO	No change	
HIDA RURAL	No practice	
TACHIMETATEBIYA	Medium level	
WARKA AMBA	No practice	
ABALI	Decreased	Soil fertility become low
KOKA	Now there is no deforestation	There is no problems
BILU	Decreased	Soil erosion and increasing temperature
GOZE	Highly prevented	There is no problems
SEFIY AGER	Decreased	Soil erosion
LEKURA_HAMMADI SIRATE(RURAL)	No	
LEKUMA_MEANDIT O & MAESSERA	Increasing	High temperature
HOMECHO DAYO	Have no	
GEBEROCH	No	
DABIREKO	Now there is no deforestation	No problem



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator	Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community
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KebeleName	LAYIMETATEBIYA
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Resources_1	Land	Resources_3	
Observed_Change_1		Observed_Change_3	
Problems_Changes_1	Low production	Problems_Changes_3	

Resources_2	Water	Resources_4	
Observed_Change_2	No water	Observed_Change_4	
Problems_Changes_2		Problems_Changes_4	

KebeleName	CHISA
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Resources_1	Water	Resources_3	Forest
Observed_Change_1		Observed_Change_3	Decreased
Problems_Changes_1		Problems_Changes_3	Shortage of rain

Resources_2	Land	Resources_4	
Observed_Change_2		Observed_Change_4	
Problems_Changes_2		Problems_Changes_4	



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Selected Indicator

Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community

KebeleName	CHENO
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<u>Resources_1</u>	Stone	<u>Resources_3</u>
<u>Observed_Change_1</u>		<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>		<u>Problems_Changes_3</u>

<u>Resources_2</u>	Forest	<u>Resources_4</u>
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>

KebeleName	HIDA RURAL
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<u>Resources_1</u>	Spring water	<u>Resources_3</u>	Wood
<u>Observed_Change_1</u>	No change	<u>Observed_Change_3</u>	
<u>Problems_Changes_1</u>		<u>Problems_Changes_3</u>	

<u>Resources_2</u>	Land	<u>Resources_4</u>	
<u>Observed_Change_2</u>	No change	<u>Observed_Change_4</u>	
<u>Problems_Changes_2</u>	Scarcity of land	<u>Problems_Changes_4</u>	



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community

KebeleName	TACHIMETATEBIYA
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<u>Resources_1</u>	Land	<u>Resources_3</u>
<u>Observed_Change_1</u>		<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>		<u>Problems_Changes_3</u>

<u>Resources_2</u>		<u>Resources_4</u>
<u>Observed_Change_2</u>	Labor force	<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>

KebeleName	ABALI
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<u>Resources_1</u>	Stone	<u>Resources_3</u>
<u>Observed_Change_1</u>	No change	<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>		<u>Problems_Changes_3</u>

<u>Resources_2</u>	Land	<u>Resources_4</u>
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>	Shortage of grazing land	<u>Problems_Changes_4</u>



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community

KebeleName BILU

Resources_1 Grazing land

Observed_Change_1 The same

Problems_Changes_1

Resources_3

Observed_Change_3

Problems_Changes_3

Resources_2

Observed_Change_2

Problems_Changes_2

Resources_4

Observed_Change_4

Problems_Changes_4

KebeleName GOZE

Resources_1 Land

Observed_Change_1 No change

Problems_Changes_1

Resources_3

Observed_Change_3

Problems_Changes_3

Resources_2

Observed_Change_2

Problems_Changes_2

Resources_4

Observed_Change_4

Problems_Changes_4



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community

KebeleName	SEFIY AGER
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<u>Resources_1</u>	Stone	<u>Resources_3</u>
<u>Observed_Change_1</u>	No change	<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>		<u>Problems_Changes_3</u>

<u>Resources_2</u>		<u>Resources_4</u>
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>

KebeleName	LEKURA_HAMMADISIRATE(RURAL)
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<u>Resources_1</u>	Land	<u>Resources_3</u>
<u>Observed_Change_1</u>	No change	<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>	Scarcity	<u>Problems_Changes_3</u>

<u>Resources_2</u>	Water	<u>Resources_4</u>
<u>Observed_Change_2</u>	No change	<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community

KebeleName	LEKUMA_MEANDITO & MAESSERA
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<u>Resources_1</u>	Land	<u>Resources_3</u>
<u>Observed_Change_1</u>	Fertility loss	<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>	Low production	<u>Problems_Changes_3</u>
<u>Resources_2</u>	Water	<u>Resources_4</u>
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>

KebeleName	HOMECHO DAYO
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<u>Resources_1</u>	Land	<u>Resources_3</u>
<u>Observed_Change_1</u>	Get poor	<u>Observed_Change_3</u>
<u>Problems_Changes_1</u>	Low production	<u>Problems_Changes_3</u>
<u>Resources_2</u>	Forest	<u>Resources_4</u>
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Environmental Situation: Natural Resources Availability - Natural resources available and changes observed by the community

KebeleName GEBEROCH

<u>Resources_1</u>	Land	<u>Resources_3</u>	Forest
<u>Observed_Change_1</u>	Less fertility	<u>Observed_Change_3</u>	Destroyed
<u>Problems_Changes_1</u>	Low production	<u>Problems_Changes_3</u>	High temperature

<u>Resources_2</u>	Water	<u>Resources_4</u>	
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>	
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>	

KebeleName DABIREKO

<u>Resources_1</u>	Land	<u>Resources_3</u>	
<u>Observed_Change_1</u>		<u>Observed_Change_3</u>	
<u>Problems_Changes_1</u>		<u>Problems_Changes_3</u>	

<u>Resources_2</u>		<u>Resources_4</u>	
<u>Observed_Change_2</u>		<u>Observed_Change_4</u>	
<u>Problems_Changes_2</u>		<u>Problems_Changes_4</u>	



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



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Region	AFAR		Zone	ZONE 3		Wereda	ARGOBA SPECIAL	
Selected Indicator	Environmental Situation: Rainfall & Temperature - Observed changes on rainfall and temperature by the community over the last decade							
	Rainfall				Temperature			
	Changes Observed		Problems		Changes Observed		Problems	
Kebele Name								
LAYIMETATEBIYA	Unseasonal rain fall	Poor harvest		Increased				
CHISA	Decreased	Drought		Increased		Affects working time		
CHENO	Decreased	Drought		Increased				
HIDA RURAL	Unseasonal rain fall	Problems of crop and animal production		Increased		Low crop and animal production		
TACHIMETATEBIY A	Unseasonal rain fall			Increased				
WARKA AMBA	Unseasonal rain fall	Decreased animal production		Increased		Increased temperature		
ABALI	Increased			Increased				
KOKA	Unseasonal rain fall	Loss of output & soil erosion		High level of temperature		Drought, disease & loss of product		
BILU	Decreased	Drought, Shortage of water supply		Increased				
GOZE	Unseasonal rain fall	Decrease production of crops		The temperature is high		Global warming and shortage of rain fall		
SEFIY AGER	Decreased	Drought		Increased		Affects working time		
LEKURA_HAMMADI SIRATE(RURAL)	Unseasonal rain fall			Increased				



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
Selected Indicator	Environmental Situation: Rainfall & Temperature - Observed changes on rainfall and temperature by the community over the last decade				
	Rainfall			Temperature	
	Changes Observed		Problems	Changes Observed	
Kebele Name					
LEKUMA_MEANDIT O & MAESSERA	Un seasonal	Loss of production, lack of pasture		Increased	
HOMECHO DAYO	Seasonal			Increased	
GEBEROCH	It reduce	Decrease productivity			
DABIREKO	Unseasonal rain fall	Loss of output & soil erosion		High level of temperature	Drought, disease, loss of product



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: Reasons for Environmental Changes

<u>KebeleName</u>	<u>Reason For Environmental Changes</u>
LAYIMETATEBIYA	Charcoal production
CHISA	Drought and climate change
HIDA RURAL	Lack of rain fall
TACHIMETATEBIYA	Deforestation
WARKA AMBA	Lack of rain fall
ABALI	Expansion farm land, Deforestation
BILU	Drought
GOZE	Overgrazing
SEFIY AGER	Expansion farm land, Deforestation
LEKUMA_MEANDITO & MAESSERA	Charcoal production
DABIREKO	Deforestation



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Environmental Situation: Soil Erosion - Observed changes on levels of soil erosion by the community

<u>KebeleName</u>	<u>Changes Observed</u>	<u>Problems Observed</u>
LAYIMETATEBIYA	Increase	Poor harvest
CHISA	Increase	Low soil fertility
CHENO	Increase	Soil fertility decreased
HIDA RURAL	Increase	Problems of crop and animal production
TACHIMETATEBIYA	Medium	
WARKA AMBA	Increased	Production of crops declined
ABALI	Decreased	Drought
KOKA	Very high level of erosion	The landscape of the farm areas changed, very sloped area
BILU	Increased	Loss of top soil and soil fertility
GOZE	It was reduced	Reduce the land for agriculture
SEFIY AGER	Decreased	Low soil fertility
LEKURA_HAMMADISIRA TE(RURAL)	Increase	
LEKUMA_MEANDITO & MAESSERA	Increase	Low pasture, low crop produce
HOMECHO DAYO	We have	
GEBEROCH	We have	
DABIREKO	Very high level of erosion	The landscape of the farm areas is changed

WDRP Indicators

**Livelihood, Occupation and Source
of Food Characteristics**



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Major Occupational Categories - Major categories of occupation and percent of population engaged in the occupation by Kebele

Occupational Categories and Percent of Population engaged within these occupational categories

Percent (%) of Population

KebeleName	Occupation 1	Population	Occupation 2	Population	Occupation 3	Population	Occupation 4	Population
LAYIMETATEBIYA	Crop production	75	Teff	5	Sorghum	20		0
CHISA	Crop production	75	Livestock production	15	Trader	10		0
CHENO	Crop production	40	Livestock production	60		0		0
HIDA RURAL	Crop production	80	Livestock production	12	Waver	8		0
TACHIMETATEBIYA	Crop production	60	Pastoralist	30	Petty trade	5	Waver	0
WARKA AMBA	Crop production	80	Wavers	10	Pastoralist	10		0
ABALI	Crop production	85	Livestock production	15		0		0
KOKA	Crop production	90	Livestock production	10		0		0
BILU	Crop production	80	Livestock production	20		0		0
GOZE	Crop production	85	Pastoralist	15		0		0
SEFIY AGER	Crop production	80	Livestock production	20		0		0
LEKURA_HAMMADIS IRATE(RURAL)	Crop production	85	Pastoralist	10	Petty trade	5		0



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Major Occupational Categories - Major categories of occupation and percent of population engaged in the occupation by Kebele

Occupational Categories and Percent of Population engaged within these occupational categories

Percent (%) of Population

KebeleName	Occupation 1	Population	Occupation 2	Population	Occupation 3	Population	Occupation 4	Population
LEKUMA_MEANDIT O & MAESSERA	Crop production	75	Pastoralist	20	Petty trade	5		0
HOMECHO DAYO	Crop production	85	Pastoralist	15		0		0
GEBEROCH	Crop production	85	Pastoralist	15		0		0
DABIREKO	Crop production	80	Pastoralist	20		0		0



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Livelihoods - Households important sources of livelihood (response in %)

Type of Livelihood Activity	Order of Importance		
	1st	2nd	3rd
Agricultural laborer	14.50	2.40	0.00
Animal herder	0.00	0.80	0.00
Barber or Hairdresser	0.00	0.00	2.30
Basket-making, Mat-making	0.00	0.80	0.00
Begging activities	48.10	2.80	3.50
Buying and selling livestock (cattle, sheep, goats, camels)	5.60	12.70	23.30
Counselor (disputes, marriage)	0.00	1.20	0.00
Daily laborer	1.50	4.00	4.70
House-maid (domestic servant)	0.00	0.40	0.00
Making traditional utensils or farm tools	0.90	2.00	0.00
Others	0.00	1.60	0.00
Rearing & selling animals (camels, cattle, sheep, goats)	8.00	30.20	7.00
Religious teacher	0.30	0.00	0.00



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Livelihoods - Households important sources of livelihood (response in %)

Type of Livelihood Activity	Order of Importance		
	1st	2nd	3rd
Restaurant or hotel worker	0.30	0.00	0.00
Salaried job	0.60	0.00	0.00
Sale_Of_Natural_Products - Charcoal	0.00	0.40	0.00
Sale_Of_Natural_Products - Precious stones (gold, gem-stones)	0.30	0.40	0.00
Selling Cereal food crops (sorghum, maize, wheat, barley)	10.00	20.60	11.60
Selling Chat / Khat	0.60	0.00	0.00
Selling dairy products (milk, butter, ghee, cheese)	0.30	0.40	2.30
Selling eggs (from own chickens) Beekeeping (selling honey bees-wax, or bee-hives)	0.90	4.80	11.60
Selling fruit juice (orange, etc) or soft drink (Fanta, etc)	0.60	0.80	5.80
Selling hides and skins (from goats, sheep, cattle)	0.30	0.40	0.00
Selling Oil seeds (sesame, sunflower)	0.00	0.40	1.20
Selling Other foods (sugar, flour, coffee, etc.)	0.00	0.00	1.20
Selling tea, coffee, cake, bread, "areki", "tella"	0.30	0.80	0.00



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Livelihoods - Households important sources of livelihood (response in %)

Type of Livelihood Activity	Order of Importance		
	1st	2nd	3rd
Selling Vegetables (onion, tomato, cabbage, pumpkin, etc.)	0.30	1.20	0.00
Traditional birth attendant (TBA)	0.00	0.00	1.20
Water-carrier, Porter	0.30	0.00	0.00
Weaving, Knitting, Embroidery, Tailoring	5.60	10.70	23.30



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Occupational Categories - Percent of population above 15 years age by occupation categories

Type of Livelihood Activity	Main Occupation	Secondary Occupation
	1st Occupation	2nd Occupation
----	0.00	1.30
Cultivator	47.00	9.50
Neither studying nor working nor seeking work	0.40	1.30
Others (specify)	1.50	0.40
Physically disabled	0.40	0.00
Retired/ Old	3.40	2.20
Salaried	0.00	0.90
Unemployed & seeking work	8.00	3.50
Agricultural labourer	1.20	4.40
Chronically ill	0.20	0.00
Craftsman	4.50	22.00
Home-maker (housewife)	26.00	7.70
Livestock rearing	0.80	36.50
Non-agricultural labour	0.90	1.50
Shopkeeper and Petty trade	1.90	5.10



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Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator:

Economic Vulnerability: Sources of Food - Households source for different food items (response in %)

Source of Food	Types of Food Item											
	Beans	Beef	Fruits	Injera	Milk	Oil / Butter	Other cereals	Pasta	Potatoes	Poultry	Sugar	Vegetables
Borrowed				1.00		0.40	0.40			2.60		0.80
Casual labor			2.60				0.70					
Free meals/Food assistance		5.00	2.60	1.00	0.70	13.10	3.60			2.60	17.90	
Gathering catching				3.00			2.50				20.70	
Gifts from friends/neighbors	0.50	10.00		1.00	9.50	1.70	2.50	5.00		7.90		4.00
Other	15.70	20.00		2.00	0.70		2.90			2.60	0.70	4.80
Own cultivation/production	1.40	35.00	10.50	84.20	83.70	11.40	66.30		12.50	73.70	7.90	6.50



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Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator:

Economic Vulnerability: Sources of Food - Households source for different food items (response in %)

Source of Food	Types of Food Item											
	Beans	Beef	Fruits	Injera	Milk	Oil / Butter	Other cereals	Pasta	Potatoes	Poultry	Sugar	Vegetables
Purchase from roadside vendor/tuck shop	78.10	30.00	81.60	7.90	4.10	52.50	14.50	60.00	87.50	7.90	0.70	
Purchase subsidized food from Kebele shop	0.50		2.60			3.40	0.40			2.60	50.00	
Purchases from main shop	3.80				1.40	17.40	5.80	35.00			2.10	83.90

WDRP Indicators

Crop Production Characteristics



Data Collected Date

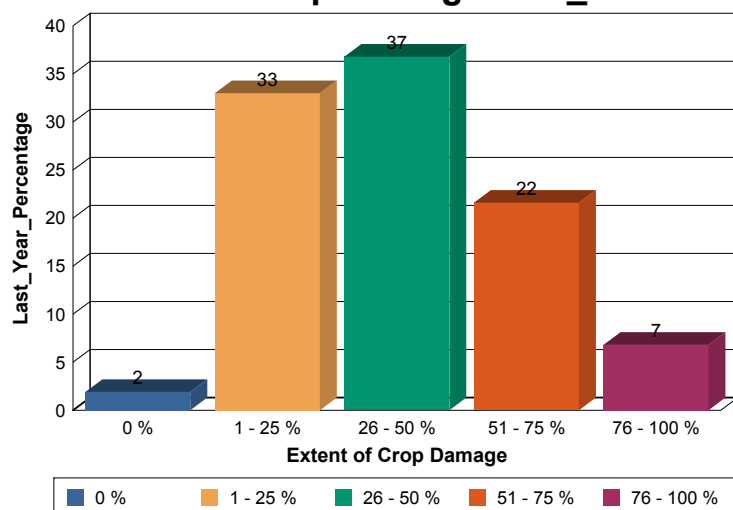
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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

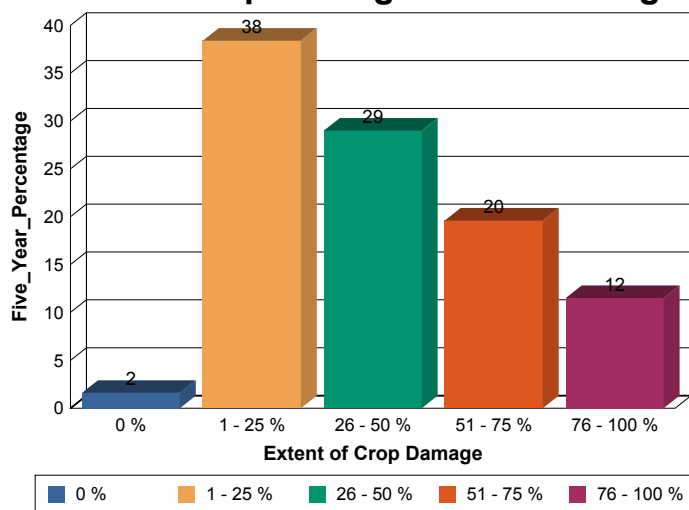
Selected Indicator: Hazards: Change in Crop Damages - Proportion of Total Crop Damage

Extent of Crop Damage (%)	Last_Year_Percentage	Five_Year_Percentage
0 %	1.90	1.60
1 - 25 %	33.00	38.40
26 - 50 %	36.80	29.00
51 - 75 %	21.60	19.60
76 - 100 %	6.80	11.50

Extent of Crop Damage Last_Year



Extent of Crop Damage Five Years Ago





Data_Collected_Date

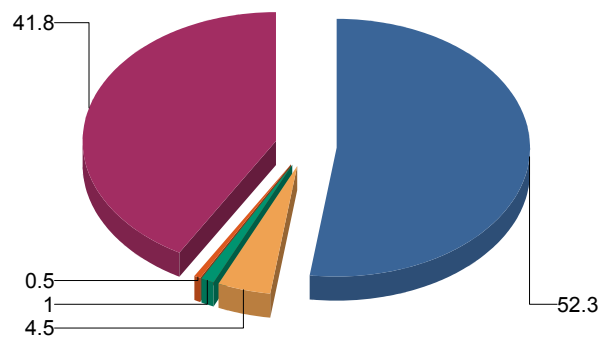
Thursday, September 18, 2014

Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

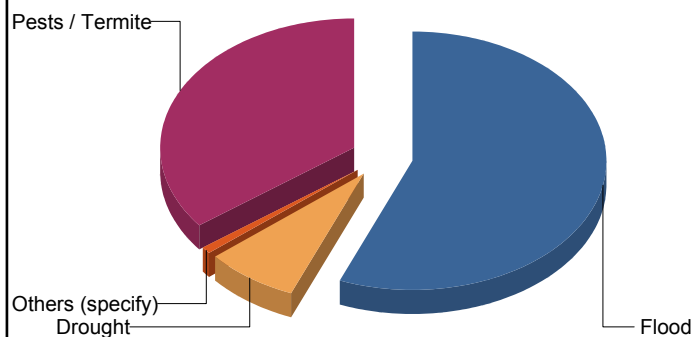
Selected Indicator: Hazards: Change in Crop Damages - Major reasons for crop damage

<u>Major Reason of Crop Damage</u>	<u>Last Year</u>	<u>Five Year Ago</u>
Pests / Termite	41.80	35.40
Drought	4.50	7.80
Flood	52.30	56.10
Frost/ Cold wave	1.00	0.00
Others (specify)	0.50	0.70

Major Reason of Crop Damage - Last Year



Major Reason of Crop Damage - Five Years Ago





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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

**Hazards: Change in Crop Damages - Proportion of Damage for Major Crops
(percentage response by households)**

Last Year	Five Years Ago	0 %	1 - 25 %	26 - 50 %	51 - 75 %	76 - 100 %
Fruits		0.00	100.00	0.00	0.00	0.00
		0.00	0.00	0.00	0.00	0.00
Barley		0.00	50.00	50.00	0.00	0.00
		1.40	50.00	25.00	25.00	0.00
Lentils		0.00	0.00	0.00	0.00	0.00
		0.00	100.00	0.00	0.00	0.00
Maize		4.40	28.90	33.30	22.20	11.10
		3.30	33.30	28.30	20.00	15.00
Other cash crop		0.00	0.00	50.00	50.00	0.00
		0.00	100.00	0.00	0.00	0.00
Other oilseed		0.00	100.00	0.00	0.00	0.00
		0.00	100.00	0.00	0.00	0.00
Other pulses		0.00	11.10	33.30	0.00	55.60
		0.00	0.00	0.00	0.00	100.00
Sorghum		1.20	37.90	37.30	20.50	3.10
		1.30	38.60	26.90	21.10	12.10
Sunflower		50.00	100.00	0.00	50.00	0.00
		0.00	0.00	0.00	100.00	0.00
Teff		0.70	27.90	39.30	25.70	6.40
		0.00	38.60	31.90	18.60	9.50
Vegetables		100.00	0.00	0.00	0.00	0.00
		0.00	100.00	0.00	0.00	0.00
Wheat		0.00	50.00	50.00	0.00	0.00
		0.00	50.00	50.00	0.00	0.00



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Hazards: Change in Crop Damages - Reasons for Damage of Major Crops

	Last Year	Five Years Ago						
			Flood	Drought	Frost/ Cold wave	Others (specify)	Pests / Termite	
Barley	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
	60.00	0.00	0.00	0.00	0.00	0.00	40.00	
Lentils	50.00	0.00	0.00	0.00	0.00	0.00	50.00	
	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
Maize	52.90	3.90	3.90	0.00	39.20			
	57.70	7.00	0.00	1.40	33.80			
Other cash crop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	100.00	0.00	0.00	0.00	0.00	0.00	100.00	
Other grain (specify)	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other oilseed	0.00	0.00	0.00	0.00	100.00			
	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other pulses	33.30	0.00	0.00	0.00	66.70			
	0.00	0.00	0.00	0.00	100.00			
Peas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
Sesame	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
Sorghum	50.00	5.40	0.50	0.00	44.00			
	53.20	8.00	0.00	0.00	38.00			



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator:

Hazards: Change in Crop Damages - Reasons for Damage of Major Crops

	Flood	Drought	Frost/ Cold wave	Others (specify)	Pests / Termite
Sunflower	0.00 100.00	0.00 0.00	0.00 0.00	0.00 0.00	100.00 100.00
Teff	54.60 59.70	4.30 7.70	0.60 0.00	1.20 0.40	50.00 32.20
Wheat	66.70 71.40	0.00 14.30	0.00 0.00	0.00 0.00	33.30 14.30



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator: Agricultural Situation: Change in Crops Grown - Five major crops grown by proportion of total cultivated land

Kebele Name	Major Crops	Main Season	Cropped Area		Reason For Change
			Present	Five Years Ago	
LAYIMETATEBIYA	Teff	Belg	50	50	
	Sorghum	Meher	50	50	
	Maize	Meher	75	75	
CHISA	Sorghum	Meher	1.25	1.25	
	Sorghum	----	0.5	0	
	Maize	----	0.25	0	
	Wheat	----	0.25	0	
CHENO	Sorghum	Meher	75	75	
	Teff	----	50	50	
	Maize	----	75	75	
HIDA RURAL	Teff	Belg	0.5	1	
	Sorghum	Meher	0.5	0.5	
	Maize	Meher	0.5	0.5	
	Maize	Meher	0.5	0.5	
TACHIMETATEBIYA	Teff	Meher	80	80	
	Sorghum	Meher	75	75	



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator: Agricultural Situation: Change in Crops Grown - Five major crops grown by proportion of total cultivated land

Kebele Name	Major Crops	Main Season	Cropped Area		Reason For Change
			Present	Five Years Ago	
TACHIMETATEBIYA	Maize	Meher	75	75	
WARKA AMBA	Sorghum	Meher	1	0.5	No change
	Teff	Belg	0.5	0.5	
BILU	Sorghum	Meher	1	1	
	Teff	Meher	0.75	0	
	Maize	Meher	0.25	0	
GOZE	Maize	Meher	0.5	0.5	
	Sorghum	Meher	0.5	0.5	
	Teff	Meher	0.75	0.75	
SEFIY AGER	Teff	Meher	0.5	0.5	
	Sorghum	Meher	0.5	0	
	Maize	Meher	0.25	0	
LEKURA_HAMMADISIRA TE(RURAL)	Sorghum	Meher	50	50	
	Maize	Meher	50	50	
	Teff	Belg	75	75	



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator: Agricultural Situation: Change in Crops Grown - Five major crops grown by proportion of total cultivated land

Kebele Name	Major Crops	Main Season	Cropped Area		Reason For Change
			Present	Five Years Ago	
LEKUMA_MEANDITO & MAESSERA	Teff	Belg	75	75	
	Sorghum	Meher	50	50	
	Maize	Meher	50	50	
HOMECHO DAYO	Sorghum	Meher	50	0	
	Teff	Belg	75	0	
	Maize	Meher	50	0	
GEBEROCH	Sorghum	Belg	1	1	
	Maize	Belg	1.5	1.5	
	Teff	Belg	1	1	
DABIREKO	Teff	Other	0.5	0.5	
	Sorghum	Other	0.5	0.5	
	Maize	Other	0.75	0.75	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator:

Agricultural Situation: Access to Extension - Perception of the community on Access to Agricultural extension Services

<u>KebeleName</u>	<u>Current_Level</u>	<u>Change_In_Last_Decade</u>	<u>Comments</u>
LAYIMETATEBIYA	No access		
CHISA	No access	The same	
CHENO	No access		
HIDA RURAL	No access	Remain constant	Less awareness
TACHIMETATEBIY A	No access		
ABALI	Very low	Decrease	Development agent not work in village
KOKA	Less	The same	
BILU	No access	The same	
GOZE	Less	No change	
SEFIY AGER	They have access but very low	Decreased	Development agent work in village
LEKURA_HAMMADI SIRATE(RURAL)	No access		
LEKUMA_MEANDIT O & MAESSERA	No access		
HOMECHO DAYO	Dont have		
GEBEROCH	Dont have		
DABIREKO	Less agricultural extension services	No change	



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Crops Grown - Types of crops grown by households

<u>Major Crop Type</u>	<u>Type of Crops Grown Last Year</u>	<u>Type of Crops Grown Five Years Ago</u>
Teff	37.60	40.70
Barley	0.30	0.80
Wheat	0.50	1.20
Maize	13.10	13.20
Sorghum	44.00	42.00
Other grain (specify)	0.20	0.00
Beans	0.20	0.20
Peas	0.20	0.20
Lentils	0.30	0.20
Other pulses	1.50	0.30
Sunflower	0.30	0.30
Sesame	0.30	0.20
Other oilseed	0.30	0.20
Vegetables	0.30	0.20
Fruits	0.30	0.20
Hops	0.20	0.00
Chat	0.20	0.00
Other cash crop	0.30	0.30



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator

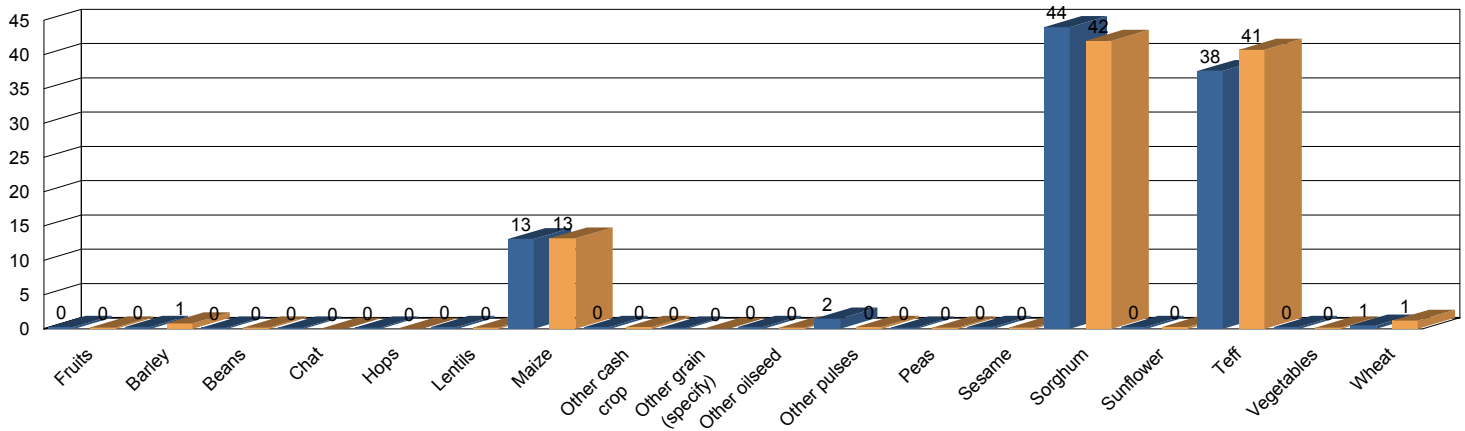
Economic Vulnerability: Crops Grown - Types of crops grown by households

Major Crop Type

Type of Crops Grown
Last Year

Type of Crops Grown
Five Years Ago

Types of Crops Grown - Percent Responses of HHs for Last Year as compared to Five Years Ago



LEGEND :

Last year

Five Years Ago



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Economic Vulnerability: Crops Grown - Proportion of households by amount of yield of major crops (last year)

	A - Less than 100	B - 100-500	C - 501-1000	D - 1001-1500	E - 1501-2000	F - >2000
Fruits	50.00	50.00				
Barley	50.00	50.00				
Beans	100.00					
Chat	100.00					
Hops	100.00					
Lentils	100.00					
Maize	70.80	25.00	4.20			
Other cash crop	50.00	50.00				
Other grain (specify)	0.40					
Other oilseed	50.00	50.00				
Other pulses	71.40	28.60				
Sesame	100.00					
Sorghum	20.80	51.90	22.00	4.20	0.80	0.40
Sunflower	100.00					
Teff	36.30	54.40	8.40		0.40	0.40
Vegetables	50.00	50.00				
Wheat	33.30	33.30	33.30			



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Economic Vulnerability: Crops Grown - Proportion of households by amount of yield of major crops (Five Years Ago)

Types of Major Crops

Category of Yield used to be obtained five years ago

	A - Less than 100	B - 100-500	C - 501-1000	D - 1001-1500	E - 1501-2000	F - >2000
Fruits	100.00					
Barley		75.00	25.00			
Beans	100.00					
Chat						
Hops						
Lentils		100.00				
Maize	47.90	41.10	8.20	1.40	1.40	
Other cash crop	50.00	50.00				
Other grain (specify)						
Other oilseed		100.00				
Other pulses						
Sesame	100.00					
Sorghum	20.80	50.00	22.50	5.80	0.80	
Sunflower	100.00					
Teff	24.90	58.60	14.30	0.80	0.40	0.80
Vegetables	100.00					



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator:

Economic Vulnerability: Crops Grown - Proportion of households by amount of yield of major crops (Five Years Ago)

Types of Major Crops

Category of Yield used to be obtained five years ago

	A - Less than 100	B - 100-500	C - 501-1000	D - 1001-1500	E - 1501-2000	F - >2000
Wheat	42.90	57.10				



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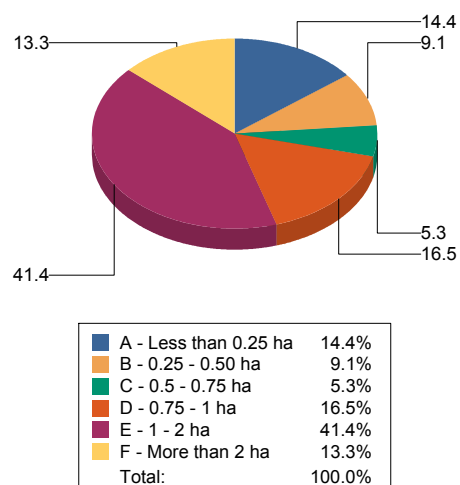
Selected Indicator: **Economic Vulnerability: Land Ownership and Quality - Landownership of households**

Households owning land (%)	85.30
Average landholding (in Hectares)s	1.45
Households cultivating land in last 12 months (%)	93.40
Average quantity of land cultivated (in hectares)	1.34

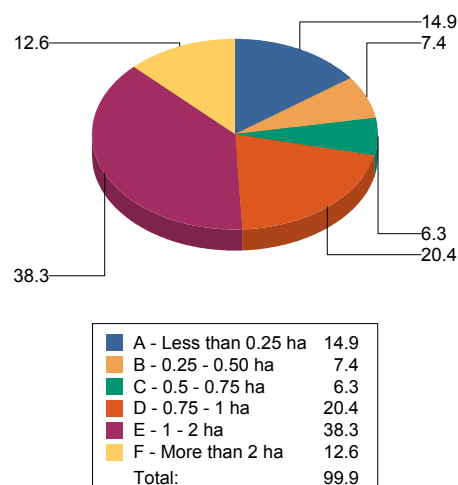
Range Land Holding	Percent Response	Range Cultivated Land	Percent Respons
A - Less than 0.25 ha	14.0	A - Less than 0.25 ha	15.0
B - 0.25 - 0.50 ha	9.0	B - 0.25 - 0.50 ha	7.0
C - 0.5 - 0.75 ha	5.0	C - 0.5 - 0.75 ha	6.0
D - 0.75 - 1 ha	17.0	D - 0.75 - 1 ha	20.0
E - 1 - 2 ha	41.0	E - 1 - 2 ha	38.0
F - More than 2 ha	13.0	F - More than 2 ha	13.0

IMPORTANT: ha = Hectar

Household Responses to Range Land Holding



Household Responses to Range Cultivated Land





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Selected Indicator:

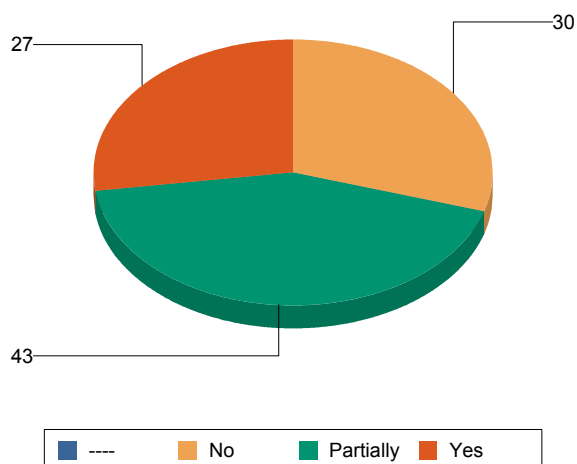
Economic Vulnerability: Land Ownership and Quality - Farmers' perception on the quality of their agricultural land

Cropping_Intensity *	176.70
Households with enough land for farming	17.50

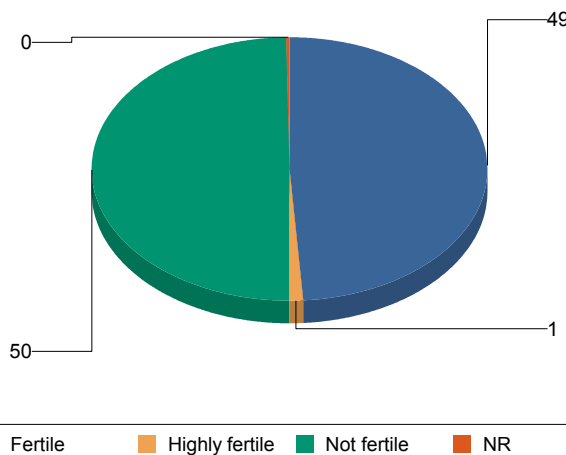
<u>HHs with favourable location of farm</u>	<u>Response</u>	<u>Households with fertile soil</u>	<u>Response</u>
Yes	27.20	Highly fertile	1.00
Partially	42.90	Fertile	49.00
No	29.50	Not fertile	49.70
----		NR	0.30

* Cropping Intensity = (Gross Cropped Area / total land owned Area)x 100%

Household responses to the type of farm location



Household responses to the type of soil fertility





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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Agricultural Situation: Access to Inputs - Perception of the community on access to improved agricultural inputs

<u>KebeleName</u>	<u>Current Level</u>	<u>Change In Last Decade</u>	<u>Comments</u>
LAYIMETATEBIYA	Little access		
CHISA	Yes but very difficult	No change	
CHENO	No access		
HIDA RURAL	Not enough	Increased	
TACHIMETATEBIY A	Good		
ABALI	No Access	Decreased	
KOKA	There is enough access to agricultural inputs	The same situation	
BILU	Yes but not enough	The same	
GOZE	There is enough access to agricultural inputs	The same	
SEFIY AGER	No access	Decreased	
LEKURA_HAMMAD ISIRATE(RURAL)	Not enough		
LEKUMA_MEANDI TO & MAESSERA	No access		
HOMECHO DAYO	Not enough		
GEBEROCH	Not enough		
DABIREKO	There is enough access to agricultural inputs	The same situation	



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Thursday, September 18, 2014

Region AFAR Zone ZONE 3 Wereda ARGOWA SPECIAL

Selected Indicator:

Agricultural Situation: Water for irrigation - Access to water for irrigation in the community

<u>KebeleName</u>	<u>Current_Level</u>	<u>Change_In_Last_Decade</u>	<u>Comments</u>
LAYIMETATEBIYA	No access		
CHISA	Yes Good access	No change	
CHENO	No access		
HIDA RURAL	No access	No change	
ABALI	No access		There is no river
KOKA	No access for irrigation	No change	
BILU	Low access	No change	
GOZE	No Water for irrigation	No change	
SEFIY AGER	No access		There is no river
LEKURA_HAMMADISI RATE(RURAL)	Have small access	To protect erosion	
LEKUMA_MEANDITO & MAESSERA	No Access		
HOMECHO DAYO	No		
GEBEROCH	We have good access	It needs improvement	
DABIREKO	No irrigation access	No change	



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Agricultural Situation: Soil Fertility - Perception of the community on soil fertility and its change over time

<u>Kebele Name</u>	<u>Current Level</u>	<u>Change In Last Decade</u>	<u>Comments</u>
LAYIMETATEBIYA	Good	Decreased	
CHISA	Very low	Decreased	
CHENO	Better		
CHENO	Good	Decreased	
TACHIMETATEBIYA	Better	No	
WARKA AMBA		Spring water	No change
ABALI	Very low	Increase	
KOKA	Less fertility	The same	
BILU	Very low	Decreased	
GOZE	Medium	Less productive	
SEFIY AGER	Very low	Increase	
LEKURA_HAMMADI SIRATE(RURAL)	Good	Decreased	
LEKUMA_MEANDIT O & MAESSERA	Good	Decreased	
HOMECHO DAYO	Good	Decreased	
GEBEROCH	Good	Decreased	
DABIREKO	Less fertility	The same	Low production



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Economic Vulnerability: Status of Agriculture - Methods of tillage, Irrigation and other agricultural input utilization by households

Percentage of
Irrigated Area

Last Year

16.70

Five Years Ago

17.40

Percentage of households
with irrigated area

Last Year

1.30

Five Years Ago

1.70

<u>Source of Irrigation</u>	<u>Response</u>	<u>Method of Tillage</u>	<u>Response</u>	<u>Type of Fertilizer</u>	<u>Response</u>	<u>Type of Pesticide</u>	<u>Response</u>
River/Lake/Pond	3.20	Oxen	98.40	Chemical	21.00	Chemicals (insecticides, fungicide, etc)	69.60
Birkas (tanks)	0.30	Manual	0.30	Natural/Animal manure	38.40	Natural methods	0.70
Other (specify)	0.60	Tractor	0.70	Both Chemical and Natural	14.00	None	28.40
No Irrigation (Rain-fed)	93.30	None	0.30	None	25.60		0.00
DK	1.30		0.00		0.00		0.00
NR	1.30		0.00		0.00		0.00

Proportion Improved Seeds

33.80

Proportion Agriculture Service

18.90



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region AFAR Zone ZONE 3 Wereda ARGOWA SPECIAL

Selected Indicator:

Economic Vulnerability: Status of Agriculture - Methods of tillage, Irrigation and other agricultural input utilization by households

Percentage of Irrigated Area

Last Year 16.70
Five Years Ago 17.40

Percentage of households with irrigated area

Last Year 1.30
Five Years Ago 1.70

Source of Irrigation

Response

Method of Tillage

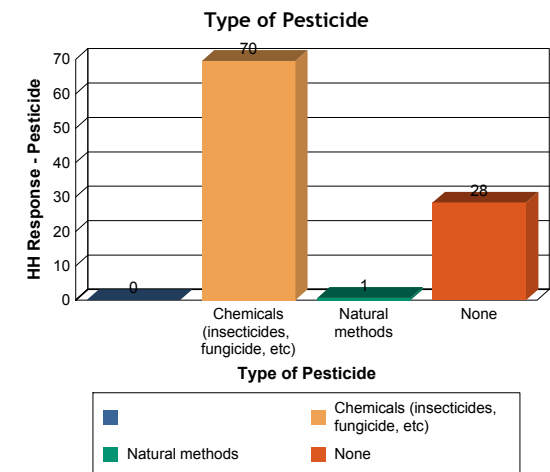
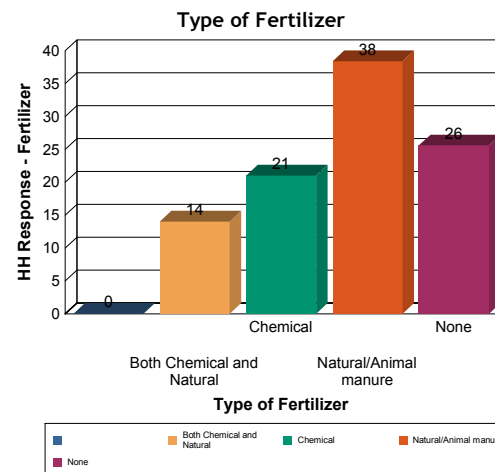
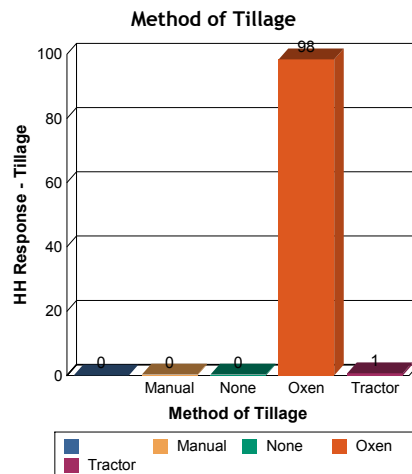
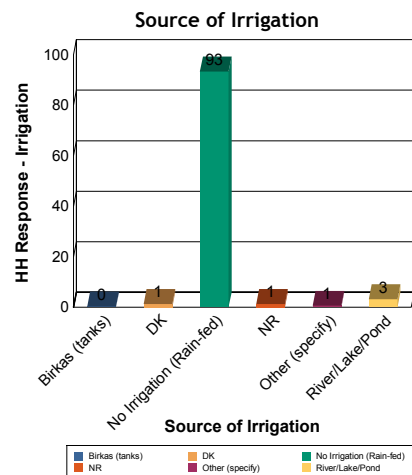
Response

Type of Fertilizer

Response

Type of Pesticide

Response



Proportion Improved Seeds

33.80

Proportion Agriculture Service

18.90



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Economic Vulnerability: Change in Agricultural Situation - Households perception on changes of crop type, size of cultivated area and crop yields

Proportion of households reporting change in crops grown	42.50	%
--	-------	---

	1st	2nd	3rd
Adequate fertilizer	0.00	13.70	61.90
Adequate rainfall	34.50	2.00	0.00
Insufficient fertilizer	0.90	27.50	0.00
Insufficient irrigation available	0.90	0.00	4.80
Less rainfall	46.00	7.80	4.80
More drought resistant crop	5.30	11.80	9.50
More pest resistant crop	1.80	11.80	14.30
More yielding crop	9.70	25.50	4.80

Proportion of households reporting change in size of area cultivated	22.50	%
--	-------	---

	----	1st	2nd
----	0.00	0.00	0.00
ACTION FOR DEVELOPMENT	0.00	0.00	9.10
Addition of area	0.00	47.40	0.00
FSDPP	0.00	0.00	18.20
Insufficient rainfall	0.00	10.50	0.00
Landslides	0.00	10.50	54.50
Loss of area	0.00	28.90	9.10
SC-USA	0.00	0.00	9.10

3rd
0.00
33.30
0.00
33.30
0.00
0.00
33.30
0.00



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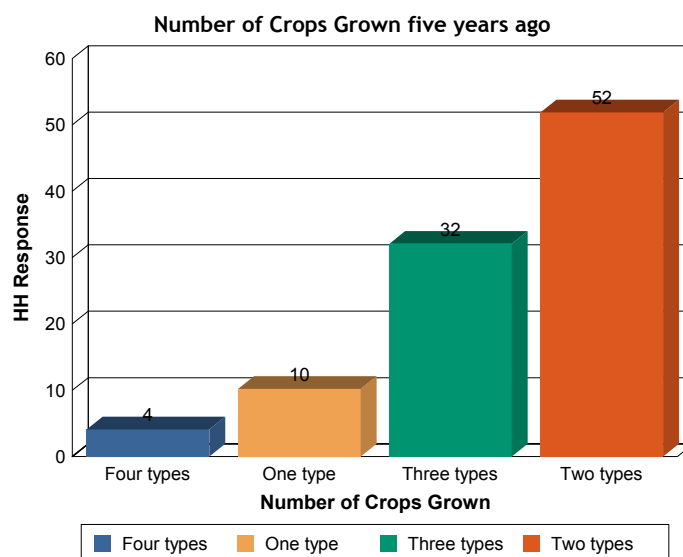
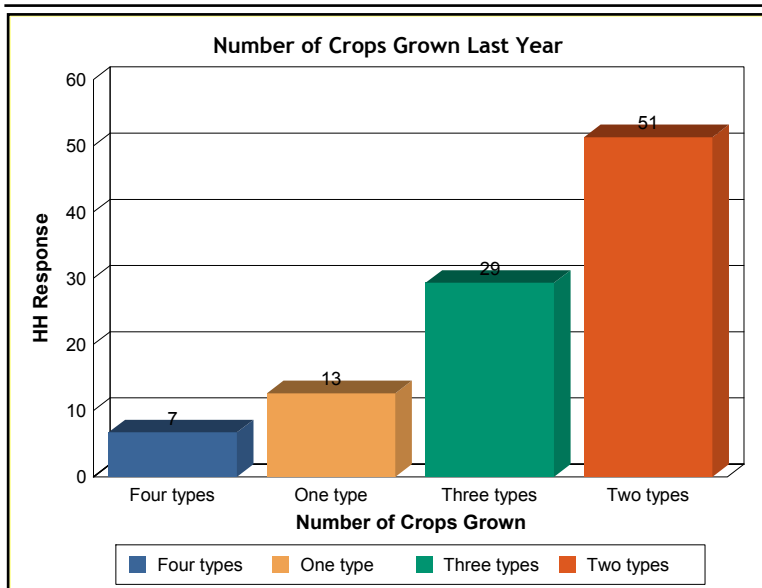
Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator Economic Vulnerability: Crops Grown - Number of crops grown by households

Number of Crops Grown	Crops Grown Last Year	Crops Grown Five Years Ago
One type	12.60	10.20
Two types	51.30	51.90
Three types	29.30	32.10
Four types	6.70	4.10

Avg Crops Grown Last Year 2.30

Avg Crops Grown Five Years Ago 2.35



WDRP Indicators

Livestock Production Characteristics



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Agricultural Situation: Status of Livestock Disease - Change in Livestock Disease Status

<u>Kebele Name</u>	<u>Current Level</u>	<u>Change Over Last Decade</u>	<u>Comment</u>
LAYIMETATEBIYA	Lumpy skin disease, chicken disease	Increased	
CHISA	LSD to cattle, CCPB to Goat	Decreased	
CHENO	No access		
HIDA RURAL	LDS	Veterinary adaptation	
TACHIMETATEBIYA	LDS goat disease	2002 & 2003	
WARKA AMBA		Fish	
ABALI	Yes there are cattle and Goat diseases	Increased	Shortage of medicine and transport
KOKA	Many type of animals disease		
BILU	Optimum /medium LSD to cattle, CPP to goat	Decreased	
GOZE	Different type of animal diseases occurred	There is no change	
SEFIY AGER	CBPP, CCPP	Increased	Shortage of medicine
LEKURA_HAMMADIS IRATE(RURAL)	Increase	Adaptation to medicine	



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator: **Livestock Diseases Prevalence**

Type of livestock diseases affected households in the last five years (households reporting in %)

	1st	2nd	3rd
African horse disease	0.30	1.20	
Anthrax affecting cattle	0.30	0.30	
Black leg	0.30	0.30	0.70
CBPP	9.40	10.70	19.90
Contagious Caprine Pleuropneumonia (CCPP)	22.40	28.90	8.20
Faciolosis	3.20	1.30	4.80
Foot and mouth disease	3.20	6.60	4.50
Internal & External Parasites (Tick, mange, helminthiasis, fasci	1.50	8.20	11.00
Liverfluke (Sheep and cattle)	0.30	0.30	
Lumpy Skin Disease (LSD)	49.00	19.80	8.20
Newcastle disease (Chicken)	2.40	8.50	17.20
No Disease	0.90		
Pasteurellosis	0.30		1.70
PPR	1.80	4.70	4.50
Sheep pox	1.50	4.10	3.40
Tick born diseases	3.20	5.00	15.50



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Zone ZONE 3

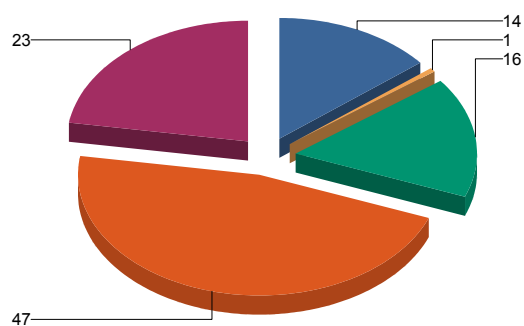
Wereda ARGOBA SPECIAL

Selected Indicator:

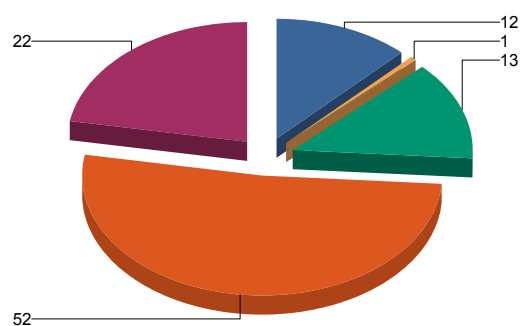
Evaluation of Access to Veterinary Services and Livestock Drugs
Households' evaluation on access to drugs and veterinary services

Level of Access	Veterinary Service	Livestock_Drugs
Excellent	0.60	0.60
Good	16.20	13.20
Adequate	14.10	12.30
Poor	46.50	51.70
Very poor	22.50	22.20

Level of Access to Veterinary Services



Access Level of Livestock Drugs





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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Agricultural Situation: Water Availability for Livestock - Water availability for livestock in the community

<u>KebeleName</u>	<u>Current Level</u>	<u>Change In Last Decade</u>	<u>Comments</u>
LAYIMETATEBIYA	Very poor		
CHISA	Good access	No change	
HIDA RURAL	Pond and spring water		
TACHIMETATEBIYA	long distance		
WARKA AMBA	Scarcity of land		
ABALI	Yes but far from the village	Increased	Lack of rain fall
KOKA	Good access	No change	
BILU	Low access	No change	
GOZE	Not easily available	No change	
SEFIY AGER	Very difficult	Increased	Lack of rain fall
LEKURA_HAMMADI SIRATE(RURAL)	We use "Awadi" river		
LEKUMA_MEANDIT O & MAESSERA	Very far from the kebele		
HOMECHO DAYO	Good access		
DABIREKO	Available but long distance	No change	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator:

Agricultural Situation: Livestock Diversity - Type of livestock and their economic importance in the community

KebeleName	Type of Livestock	Avg_Num_Per_HH	Economic_Importance_Rank
LAYIMETATEBIYA	Cattle	15.00	
	Goats	15.00	
	Sheep	6.00	
	Camels	4.00	
	Poultry	3.00	
CHENO	Cattle	5.00	
	Goats	20.00	
	Sheep	10.00	
	Poultry	4.00	
HIDA RURAL	Cattle	4.00	
TACHIMETATEBIYA	Cattle	20.00	Most important
	Goats	15.00	
	Sheep	8.00	
	Camels	3.00	
	Poultry	5.00	
WARKA AMBA	Cattle	3.00	Most important
	Goats	15.00	
	Donkeys	1.00	
	Sheep	2.00	
ABALI	Goats	15.00	
	Cattle	5.00	
	Camels	2.00	
KOKA	Cattle	5.00	
	Goats	7.00	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator:

Agricultural Situation: Livestock Diversity - Type of livestock and their economic importance in the community

KebeleName	Type of Livestock	Avg_Num_Per_HH	Economic_Importance_Rank
KOKA	Sheep	2.00	
	Donkeys	1.00	
BILU	Cattle	4.00	
	Goats	10.00	
	Sheep	3.00	
	Camels	2.00	
	Poultry	5.00	
GOZE	Cattle	7.00	
	Goats	14.00	
	Sheep	3.00	
	Donkeys	1.00	
SEFIY AGER	Cattle	5.00	
	Goats	20.00	
	Sheep	5.00	
	Donkeys	1.00	
	Camels	2.00	
LEKURA_HAMMADISI RATE(RURAL)	Cattle	7.00	
	Goats	13.00	
	Camels	5.00	
	Poultry	10.00	
	Bee keeping	2.00	
LEKUMA_MEANDITO & MAESSERA	Cattle	10.00	
	Goats	15.00	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator:

Agricultural Situation: Livestock Diversity - Type of livestock and their economic importance in the community

KebeleName	Type of Livestock	Avg_Num_Per_HH	Economic_Importance_Rank
LEKUMA_MEANDITO & MAESSERA	Sheep	3.00	
	Camels	2.00	
	Poultry	5.00	
HOMECHO DAYO	Cattle	8.00	
	Goats	13.00	
	Poultry	5.00	
	Bee keeping	1.00	
	Donkeys	2.00	
GEBEROCH	Cattle	14.00	
	Goats	20.00	
	Sheep	5.00	
	Donkeys	1.00	
	Poultry	2.00	
DABIREKO	Cattle	8.00	
	Goats	15.00	
	Donkeys	1.00	
	Poultry	5.00	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator:

Economic Vulnerability: Livestock Ownership and Changes - Percentage of households by number and type of livestock owned

	A - 1 to 5	B - 6 to 10	C - 11 to 50	D - 51 to 100	None
Bee keeping	18.20	7.40	8.40		65.90
Camels: Female	0.30	3.70			96.00
Camels: Male	6.30	4.10			89.70
Camels: Young Female	0.90	3.10	0.30		95.60
Camels: Young Male	2.50	3.10			94.00
Cattle: Female	37.40	8.40	1.90		52.30
Cattle: Male bulls	42.20	2.90			54.90
Cattle: Mature Female	68.60	3.70			27.60
Cattle: Mature Male	68.70	4.00	2.00		25.30
Cattle: under 1 year	48.90	7.10	4.50	0.40	39.10
Donkeys	57.10	6.30	2.80		33.90
Goats	40.20	16.40	10.80		32.50
Horses	1.30	6.10			92.50



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Selected Indicator:

Economic Vulnerability: Livestock Ownership and Changes - Percentage of households by number and type of livestock owned

	A - 1 to 5	B - 6 to 10	C - 11 to 50	D - 51 to 100	None
Mules	4.30	18.80	1.40		75.50
Poultry	58.60	10.50	1.70		29.10
Sheep	30.70	8.90	6.50		53.90



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

**Economic Vulnerability: Livestock Ownership and Changes - Households
perception on changes in livestock number in the last five years (response in %)**

Type of Livestock Owned

Changes Observed By Households

	Decreased	Increased	Remained the Same
Bee keeping	53.50	28.70	17.80
Camels: Female	75.00		25.00
Camels: Male	45.50	22.70	31.80
Camels: Young Female	33.30	33.30	33.30
Camels: Young Male	33.30	33.30	33.30
Cattle: Female	48.80	18.30	32.90
Cattle: Male bulls	40.00	11.50	48.50
Cattle: Mature Female	56.90	18.20	24.90
Cattle: Mature Male	52.40	14.30	33.30
Cattle: under 1 year	39.50	35.10	25.40
Donkeys	26.00	10.20	63.80
Goats	72.70	18.00	9.40
Mules	33.30		66.70
Poultry	33.30		66.70
Sheep	69.60	10.70	19.60



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Region AFAR

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Wereda ARGOBA SPECIAL

Selected Indicator

**Economic Vulnerability: Livestock Ownership and Changes - Households
perception on changes in livestock number in the last five years (response in %)**

Type of Livestock Owned	Reason for Decrease in Livestock Number										
	Ate at home	Eaten by wild animal (e.g. hyena)	Lost	Other	Raiding	Sold (not for food)	Conflict	Died in drought	Disease	Poisoned	Sold for food
Bee keeping		1.00	1.00	33.20			6.10	5.10	1.00	1.00	50.50
Camels: Female								50.00	50.00		
Camels: Male					10.00			20.00			50.00
Camels: Young Male						100.00					
Cattle: Female	0.80			9.20		2.30	24.60	12.30	8.50		42.30
Cattle: Male bulls	0.80			18.30		1.70	16.70	9.20	7.50		45.80
Cattle: Mature Female	0.80		0.80	3.10	0.80	8.60	0.80	37.50	29.70		18.00



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator

**Economic Vulnerability: Livestock Ownership and Changes - Households
perception on changes in livestock number in the last five years (response in %)**

	Ate at home	Eaten by wild animal (e.g. hyena)	Lost	Other	Raiding	Sold (not for food)	Conflict	Died in drought	Disease	Poisoned	Sold for food
Cattle: Mature Male	1.40				5.60	9.90	1.40	23.90	36.60		21.10
Cattle: under 1 year			0.70	11.80		2.20	33.10	14.70	11.00		26.50
Donkeys		6.50		7.30		3.30	39.80	4.90	8.10		30.10
Goats	0.50	0.50	0.50	9.80	4.30	1.10	21.20	8.20	37.00		16.80
Horses				5.50			2.20	1.10	1.10		90.20
Mules				1.10				1.10	1.10		96.70
Poultry	0.60	4.60			7.50	1.20	32.90	3.50	35.80		13.90
Sheep		0.80		34.10	1.60	1.60	7.80	3.10	19.40		31.80



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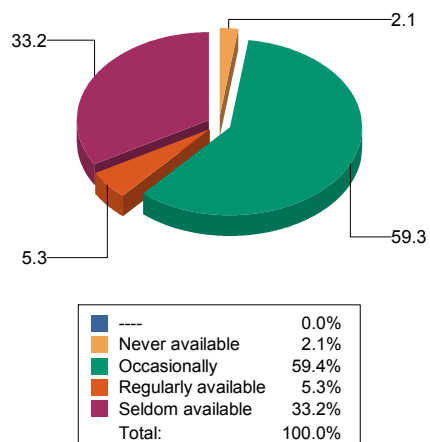
Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

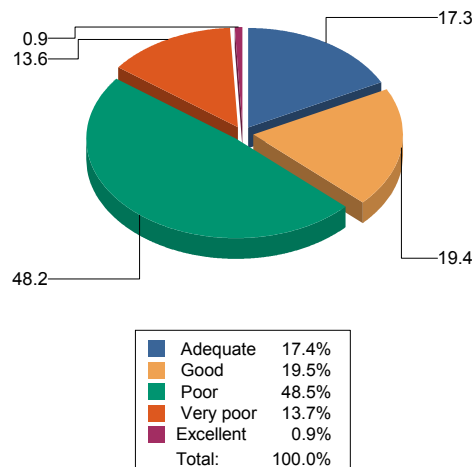
Agriculture (Livestock): Pasture Availability - Households perception on access and quality of pasture

Access to Pasture		Quality of Pasture	
	Response Percent		Response Percent
Regularly available	5.30	Excellent	0.90
Occasionally	59.30	Good	19.40
Seldom available	33.20	Adequate	17.30
Never available	2.10	Poor	48.20
----	0.00	Very poor	13.60

Household responses to Access to Pasture for Livestock



Household responses to Quality of Pasture





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Selected Indicator

Agriculture (Livestock): Pasture Availability - Households perception on problematic months for pasture availability

<u>Problematic Months</u>	<u>Order of Severity</u>
---------------------------	--------------------------

	1st	2nd	3rd
A - Meskerem	0.60		0.70
B - Tikimt		0.30	
C - Hidar	0.30		0.40
D - Tahsas	0.90	0.30	0.70
E - Tir	2.70	0.60	1.80
F - Yekatit	1.50	1.20	1.10
G - Megabit	20.40	1.50	
H - Meazea	44.70	20.60	5.80
I - Ginbot	26.70	47.30	25.50
J - Sene	1.50	26.10	55.60
K - Hamle	0.60	1.50	7.60
L - Nehase		0.30	0.70



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Selected Indicator

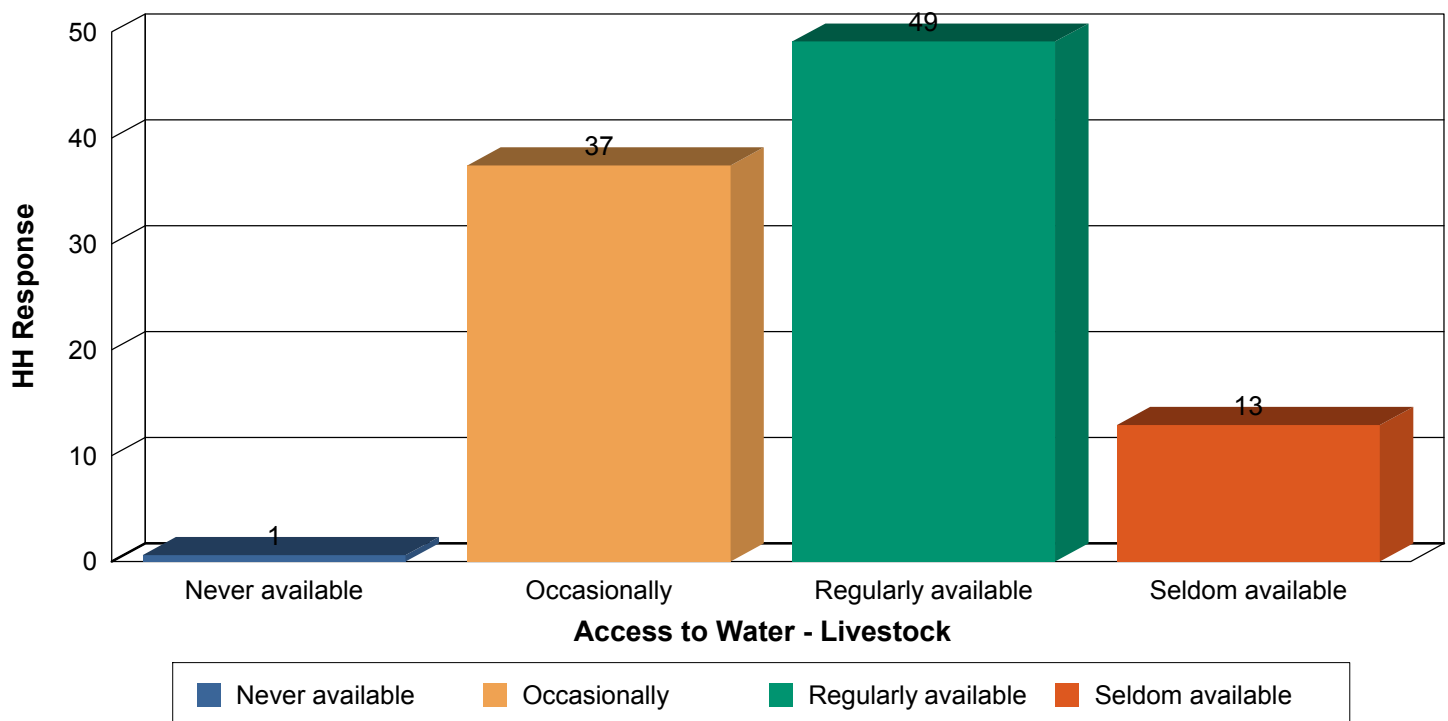
Agriculture (Livestock): Water Availability - Households response on water availability for livestock

Access to Water - Livestock

Household Response

Regularly available	49.10
Occasionally	37.40
Seldom available	12.90
Never available	0.60

Household Access to Water for Livestock





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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Agriculture (Livestock): Water Availability - Households perception on problematic months for water availability for Livestock

Problematic Months

Order of Severity

	1st	2nd	3rd
A - Meskerem			0.60
C - Hidar	0.50		
D - Tahsas	1.40	0.50	0.60
E - Tir	2.80	1.40	2.20
F - Yekatit	0.90	1.40	1.10
G - Megabit	20.60	0.90	1.70
H - Meazea	47.70	22.40	3.40
I - Ginbot	25.20	48.60	25.30
J - Sene	0.90	24.80	57.90
K - Hamle			7.30



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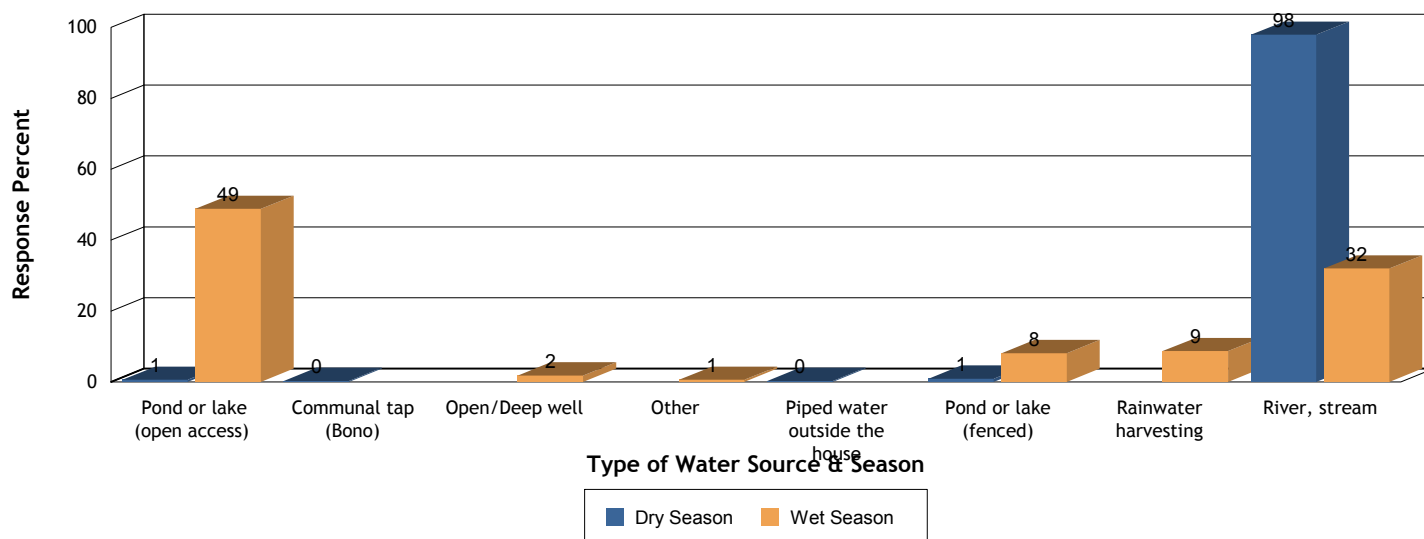
<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Sources of water for livestock (households response in %)

Type of Livestock Owned	Changes Observed By Households	
	Dry Season	Wet Season
Pond or lake (open access)	0.60	48.80
Communal tap (Bono)	0.30	
Open/Deep well		1.80
Other		0.60
Piped water outside the house	0.30	
Pond or lake (fenced)	0.90	8.10
Rainwater harvesting		8.70
River, stream	97.90	32.00

Household Responses to Type of Water Source and Season for Livestock



WDRP Indicators

Access to Market and Credit



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Friday, October 3, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator:

Economic Vulnerability: Proportion of Produce Sold and Market - Proportion of crops and livestock sold from total production and markets

KebeleName	Market_For_Crops	Market_For_Livestock_Produce	Percent Livestock_Sold	Total_% Sold	Comments
LAYIMETATEBIYA	Alyo amba	Abule		30	
CHISA	Alyo amba, Gorgu, Gachene	Alyo amba, Gorgu, Gachene		30%	
CHENO	Haranba, Dulecha, Aganber	Haranba, Dulecha, Aganber		25%	
HIDA RURAL	Genamencha	Genamencha		25%	Some times at the drought season farmers sell more (2-3) goats to buy grain.
TACHIMETATEBIYA	Aliyo amba, Abule	Abule dulecha		30%	
WARKA AMBA	Haramba	Haramba		15%	Some times at the drought seasons farms sell more (2-3) goats to buy grain
ABALI	Aliyu Anba	Aliyu Anba		25%	
KOKA	Genamemcha or Harmuba	Harmuba		10%	
BILU	Gachene, Aliyu amba and Gorgo	Gachene, Aliyu amba and Gorgo		30%	
GOZE	Haramba	Haramba		25	
SEFIY AGER	Gachene, Aliyu amba and Gorgo	Gachene, Aliyu amba and Gorgo		25	



Data Collected Date

Friday, October 3, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator:

Economic Vulnerability: Proportion of Produce Sold and Market - Proportion of crops and livestock sold from total production and markets

KebeleName	Market_For_Crops	Market_For_Livestock_Produce	Percent Livestock_Sold	Total_% Sold	Comments
LEKURA_HAMMADISI RATE(RURAL)	Agamber, Genancha			25	
LEKUMA_MEANDITO & MAESSERA	Alyo Amba	Abule		30	
HOMECHO DAYO	Haramaba	Haramba		20	
GEBEROCH	Genemamecha and Agamber	Genemamecha and Agamber		30	
DABIREKO	Haramba & sometimes Aliyu Amba	Haramba		30	



Data Collected Date

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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Kebele Access to Markets - Access to market by Kebele

Kebele Name	Market_Access_Comments
ABALI	Distance of market is far
BILU	Long distance from the market, Small number of trader, Do not have supply of goods and services
CHENO	The market centre is far from the village, road is not accessible during rainy season, Conflict is also a problem
CHISA	The market centre is far from the village
DABIREKO	It takes much time to reach to Haramba market centre. The second market Aliyu Amba has seasonal problem during rainy season
GEBEROCH	Distance problem and difficult to cross Awadi river
GOZE	Only distance problem
KOKA	The distance to the market take 40 minutes but there is no road
LAYIMETATEBIYA	It takes much time to reach to Aleyu amba where the market is located
SEFIY AGER	Distance problems, Transport problem, Lack of trader
TACHIMETATEBIYA	Argoba market is far from the village. Dulecha market is also far and there is conflict
WARKA AMBA	Distance is the only problem it takes 1:30 to 1:45
HOMECHE DAYO	Haramba market only distance problem. For Cheno market there is a high level of conflict
HIDA RURAL	Distance is the only problem, It takes 1:40 - 2:00
LEKURA_HAMMADISIRAT E(RURAL)	Distance problem and difficult to cross Awadi river
LEKUMA_MEANDITO & MAESSERA	It takes time to reach to Aleyu amba where the market is located



Data Collected Date

Friday, October 3, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Formal & Informal Transfers - Percentage of households reporting received formal transfers

Type of Formal Transfer	HH Response	Type of Informal Transfer	HH Response
Food aid	99.40	Remittances (from relative living elsewhere)	4.70
Food-for-Work project	2.00	Zakaat	2.00
Cash-for-Work project	0.70	Other cash gift	12.00
Faffa	21.60	Cash loan (no interest)	9.40
Free cash	1.00	Seed gift	11.50
Seeds	6.90		11.50
Credit support		Food or grain gift	21.00
Livestock		Grain loan (no interest)	5.10
		Restocking of poorer relatives	3.40
		Cash or kind gift to married daughters when they visit parents or relatives	2.70
		Donations of cash or animals to disaster stricken people	11.60
		Seed loan	6.80
		Free labour	50.00
		Free use of oxen or plough	36.60
		Free use of pack animals (camels or donkeys)	27.40



Data Collected Date

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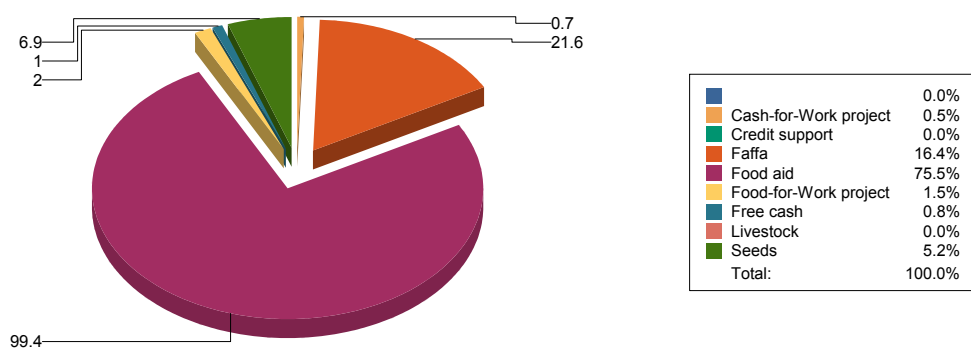
Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Formal & Informal Transfers - Percentage of households reporting received formal transfers

Type of Formal Transfer	HH Response	Type of Informal Transfer	HH Response
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Type of Formal Transfer Received By Households





Data Collected Date

Friday, October 3, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
Selected Indicator		Economic Vulnerability: Formal & Informal Transfers - Percentage of households reporting received Informal transfers			
Type of Formal Transfer		HH Response		Type of Informal Transfer	
Food aid		99.40		Remittances (from relative living elsewhere)	
Food-for-Work project		2.00		Zakaat	
Cash-for-Work project		0.70		Other cash gift	
Faffa		21.60		Cash loan (no interest)	
Free cash		1.00		Seed gift	
Seeds		6.90			
Credit support				Food or grain gift	
Livestock				Grain loan (no interest)	
				Restocking of poorer relatives	
				Cash or kind gift to married daughters when they visit parents or relatives	
				Donations of cash or animals to disaster stricken people	
				Seed loan	
				Free labour	
				Free use of oxen or plough	
				Free use of pack animals (camels or donkeys)	



Data Collected Date

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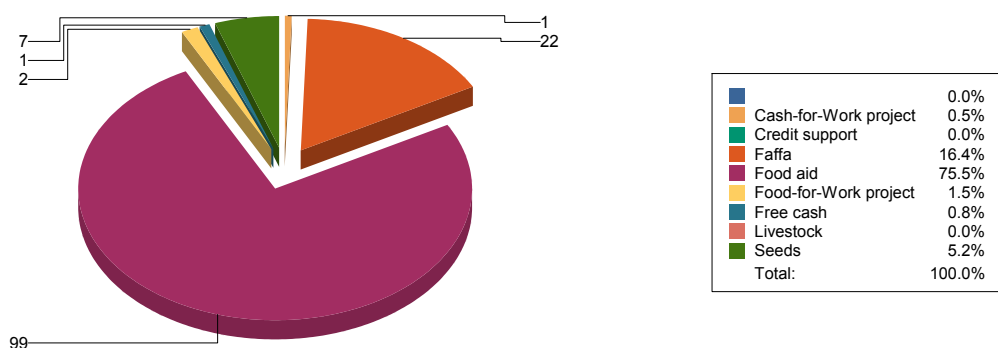
Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Formal & Informal Transfers - Percentage of households reporting received Informal transfers

Type of Formal Transfer	HH Response	Type of Informal Transfer	HH Response
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Type of Informal Transfer Received By Households





Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Capacity: Access to Credit Facilities - Households access to credit facilities

<u>Type of Access To Credit Facilities</u>	<u>Indicator Value</u>
Households with membership in any credit /micro finance society (%)	4.20
Households who borrowed any money in the last one year (%)	21.80
Households who tried to borrow 1-2	63.90
Households who tried to borrow 3-4	23.60
Households who tried to borrow 5 & Above	0.00
Households who managed to get credit 1-2	78.60
Households who managed to get credit 3-4	17.10
Households who managed to get credit 5 & Above	4.30

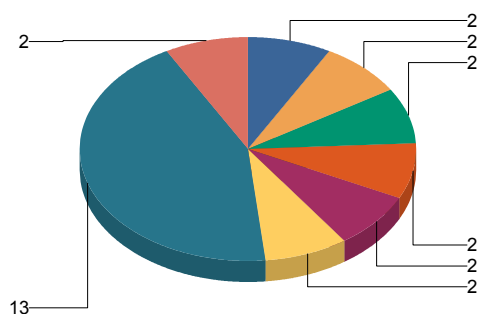
Average No. of HHs Tried to get Credit

2.30

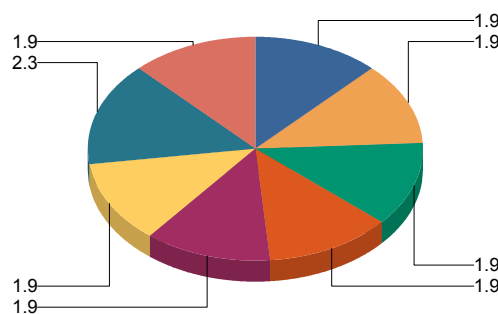
Average No. HHs Managed to get Credit

1.87

Type of Access To Credit Facilities



Type of Access To Credit Facilities





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Region AFAR Zone ZONE 3 Wereda ARGOWA SPECIAL

Selected Indicator

Capacity: Access to Credit Facilities - Percentage of households by major reasons of borrowing money

Type of Borrowing Reason Degree of Importance of the Borrowing Reasons - HH Responses

	1st Important	2nd Important	3rd Important
Buy agricultural input	5.30	13.80	4.50
Buy food	69.30	13.80	
Buy or rent land		3.40	
Others (specify)	13.30	6.90	9.10
Pay for education		20.70	27.30
Pay for health care	9.30	34.50	4.50
Pay for social event	2.70	6.90	54.50



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Capacity: Access to Credit Facilities - Percentage of households by major sources of credit

Major Sources of Credit for Households	Degree of Importance of the Credit Source		
	1st Important	2nd Important	3rd Important
Bank/formal lending institution			5.30
Friends/relatives	88.20	4.30	10.50
Local shops / moneylenders			57.90
Neighbors	8.80	87.00	5.30
Others (specify)	2.90	8.70	21.10



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Region AFAR Zone ZONE 3 Wereda ARGOWA SPECIAL

Selected Indicator

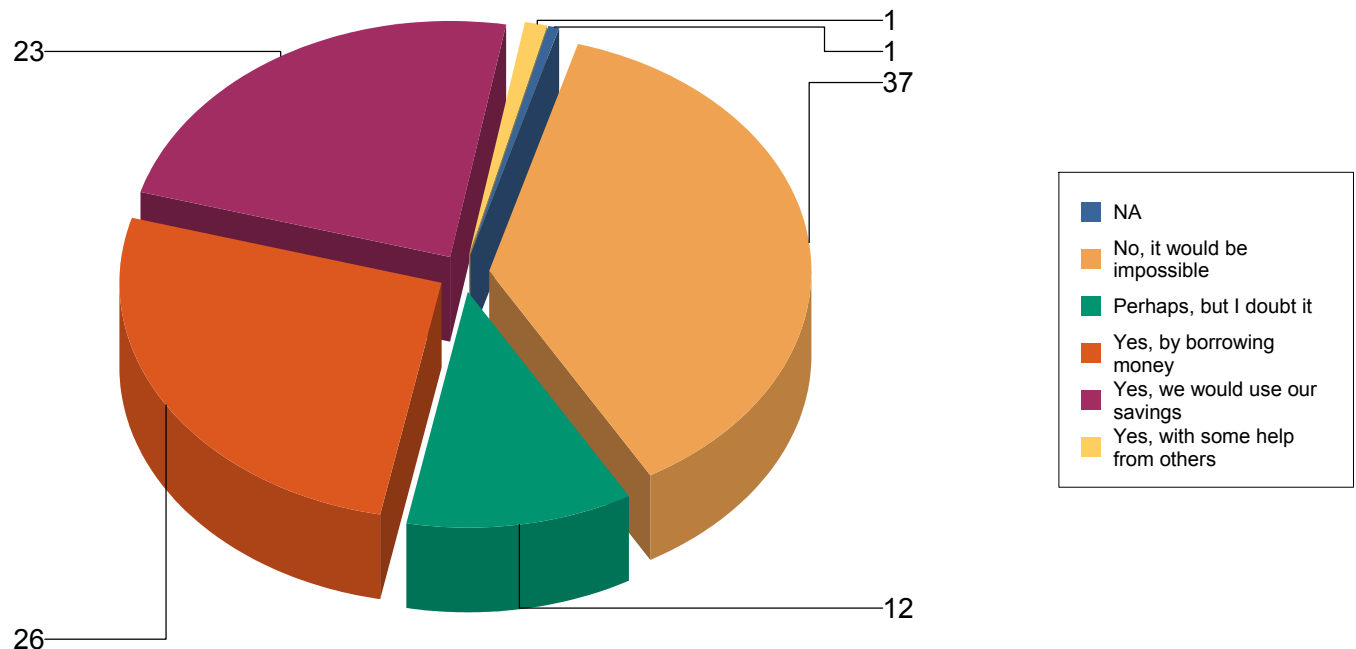
Capacity: Access to Credit Facilities - Percent of households with ability to raise 500 birr in one week

HH Ability To Raise 500 Br in One Week

Response Percent

Yes, we would use our savings	23.40
Yes, by borrowing money	26.30
Yes, with some help from others	1.00
Perhaps, but I doubt it	11.50
No, it would be impossible	37.20
NA	0.60

Households' Ability To Raise 500 Br in One Week



WDRP Indicators

Health and Sanitation

Characteristics



Data Collected Date

Thursday, September 18, 2014

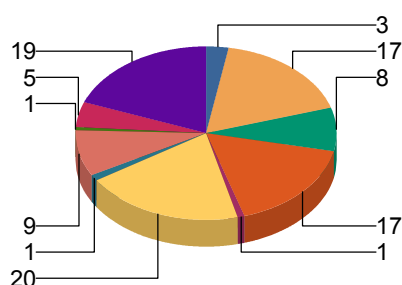
Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

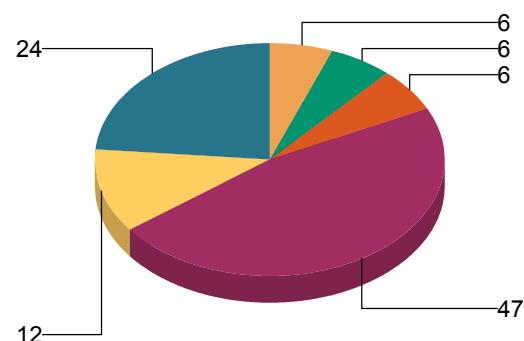
Household Access to Health Facilities - Where do patients go for health care?
Constraints to adequate healthcare

Where do Patients Go for Healthcare	HH Response	Constraints to Adequate Health Car	HH Responses
Did not get Health Care	8.20	No money for treatment costs	47.10
Central Hospital	2.90	No money for travel	5.90
District/Municipal hospital/health centre/ clinic	16.80	Did not need formal health care	5.90
Mission facility	1.00	Shortage of health professionals	23.50
Community health worker	17.30	No Reasons	11.80
Other public	8.70	Don't believe in health care	5.90
Private hospital/clinic	4.80	----	0.00
Pharmacy	0.50		0.00
Other private	1.00		0.00
Traditional/spiritual healer	19.20		0.00
Other	19.70		0.00

Where Do Patients go for Health care?



Constraints to Adequate Health Care





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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Hazards: Health problems and changes over the last decade

<u>Kebele Name</u>	<u>Health Problems</u>	<u>Changes In Last Decade</u>
LAYIMETATEBIYA	There are some diseases	
CHISA	Water born disease and Malaria in July - September	
CHENO	There are some diseases	
HIDA RURAL	It is good but sometimes malaria and water born disease	
TACHIMETATEBIYA	There are some diseases	
WARKA AMBA	It is good but sometimes malaria and water born disease	No change
ABALI	There are some diseases	Becoming low
KOKA	Healthy but sometimes seasonal disease	By using mosquito net
BILU	Malaria, pneumonia, Common cold	The same
GOZE	Malaria, Common cold	Reduced due to sanitation and use of mosquito net
SEFIY AGER	Good	Increased
LEKURA_HAMMADI SIRATE(RURAL)	There are some diseases	
LEKUMA_MEANDIT O & MAESSERA	Partially good	Increased
HOMECHO DAYO	There is health service	Getting batter
GEBEROCH	There are some diseases	
DABIREKO	Malaria	There is no change



Data Collected Date

Thursday, September 18, 2014

Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator

Household Health Status - Households health condition and major health problems

<u>Health Condition</u>	<u>HH Response</u>	<u>Population Sickness</u>	<u>HH Response</u>	<u>Children Sickness</u>	<u>HH Response</u>
Good health	86.0	Headache	16.0	Diarrhea	35.0
Ill for <3 months	11.0	Malaria	14.0	Chronic fever	13.0
Ill for more than three months	3.0	Eye problems	11.0	Malaria	13.0
NR	0.0	Chronic fever	10.0		13.0
	0.0	Stomach pain	8.0	Mental illness	9.0
	0.0	Pneumonia/ lung problem	7.0	Tuberculosis	4.0
	0.0	Diarrhea	7.0	Eye problems	4.0
	0.0	Back ache	5.0	Back ache	4.0
	0.0	Diarrhea	7.0		0.0
	0.0	Mental illness	3.0		0.0
	0.0	HIV/AIDS	1.0		0.0
	0.0	Meningitis	1.0		0.0
	0.0	Tuberculosis	1.0		0.0
	0.0	Hyper tension	1.0		0.0



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator

Household Health Status - Households health condition and major health problems

Health Condition

HH Response

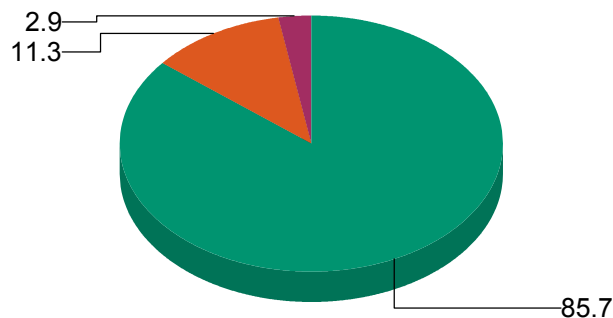
Population Sickness

HH Response

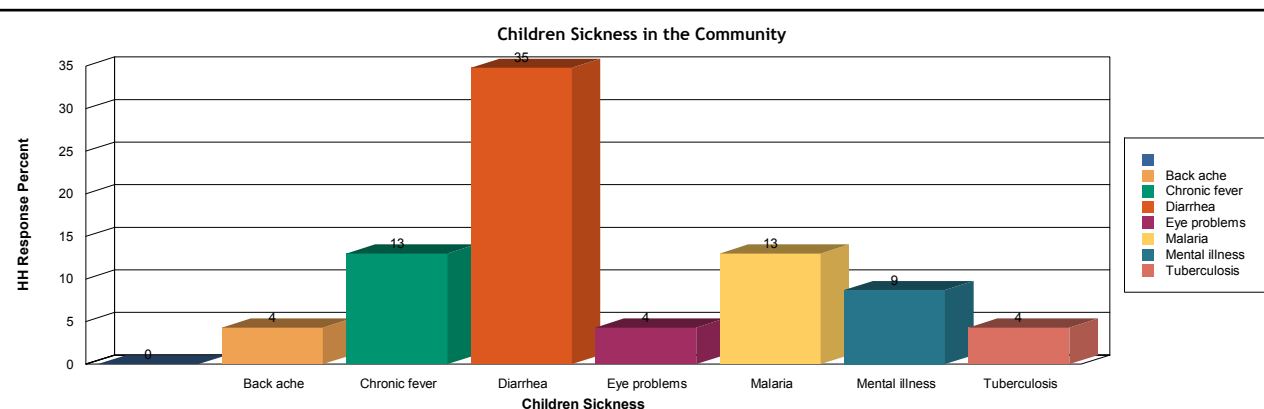
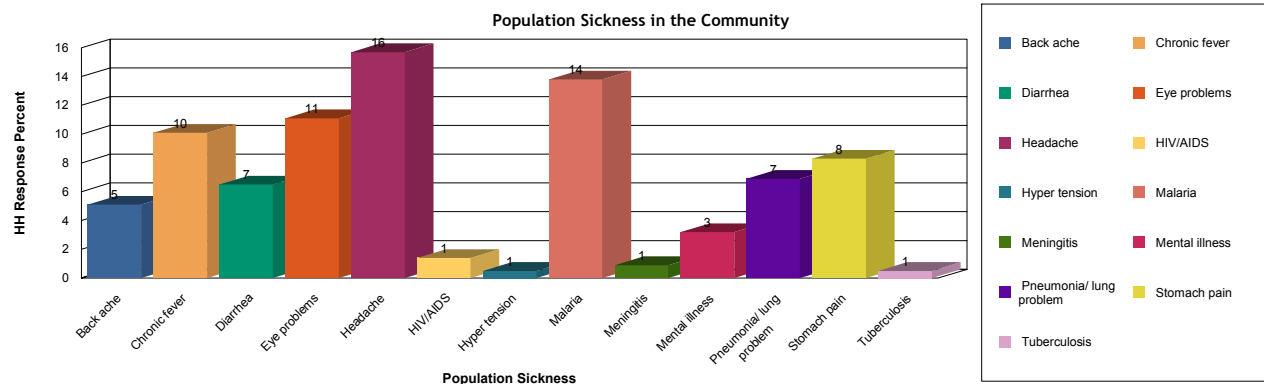
Children Sickness

HH Response

Health Condition of the Community



NR	0.0%
Good health	85.8%
Ill for <3 months	11.3%
Ill for more than three months	2.9%
Total:	100.0%





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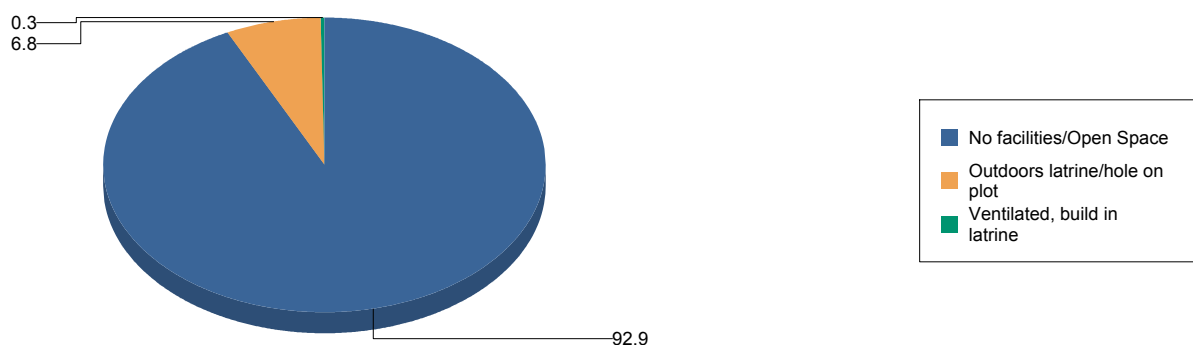
Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Household Access to Sanitation - Percentage of households with access to different kind of toilet facilities

<u>Type of Toilet Facility</u>	<u>HH Response</u>
Ventilated, build in latrine	0.30
Outdoors latrine/hole on plot	6.80
No facilities/Open Space	92.90
<u>HH Sharing Toilet</u>	10.00

Household Responses to the type of toilet facilities in the community





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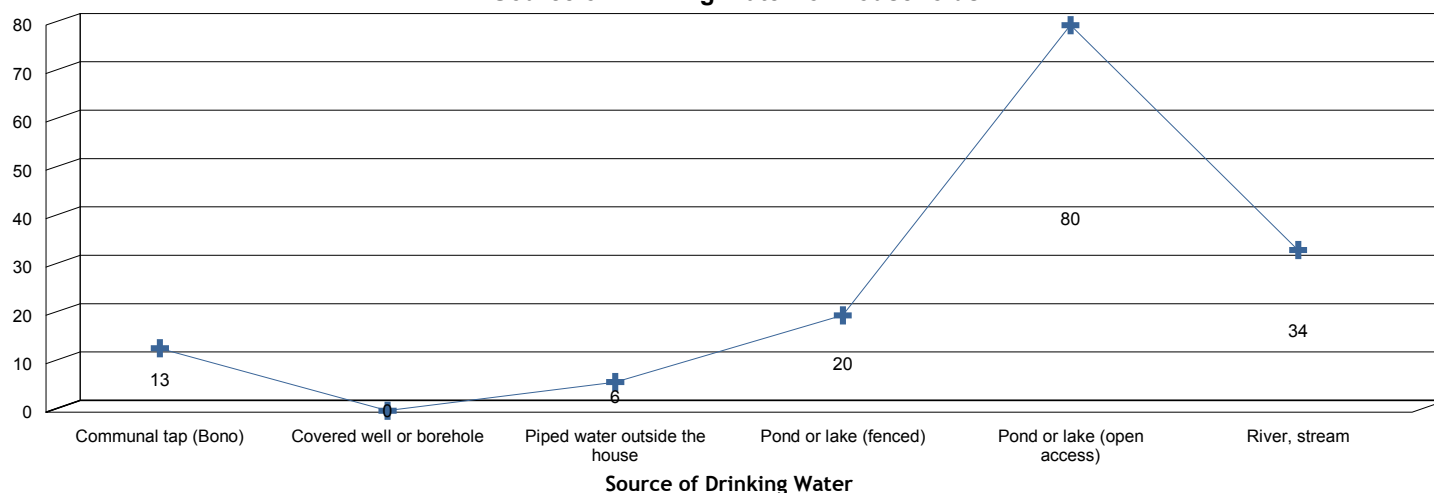
Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator

Household Access to Drinking Water - Sources of drinking water for households (response in %)

Sources of drinking water for Households	Priority of the Water Source	
	Main	Secondary
Communal tap (Bono)	13.20	0.00
Covered well or borehole	0.30	0.00
Piped water outside the house	6.20	0.00
Pond or lake (fenced)	11.50	20.00
Pond or lake (open access)	35.30	80.00
River, stream	33.50	0.00

Source of Drinking Water for Households





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Region AFAR Zone ZONE 3 Wereda ARGOWA SPECIAL

Selected Indicator

Household Access to Drinking Water - Households methods of treating drinking water

Method of Treating Water

HH Response

Boil 0.60

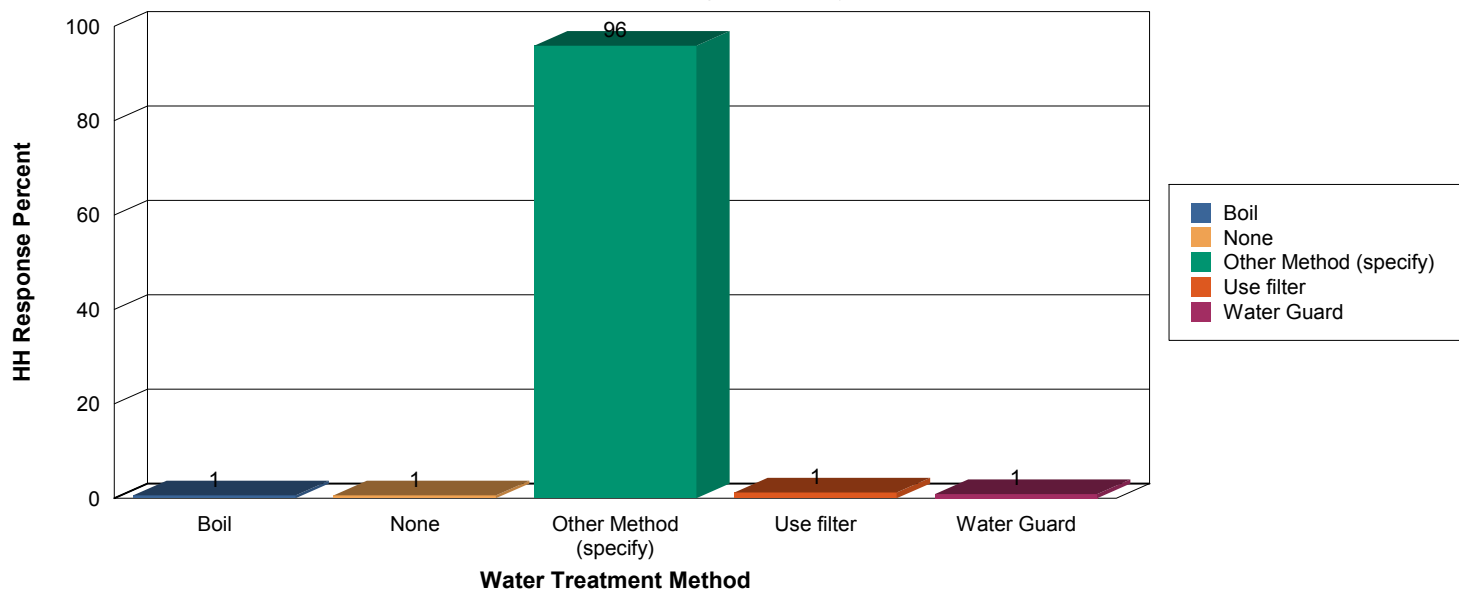
Water Guard 0.90

Use filter 1.20

Other Method (specify) 95.90

None 0.60

Method of Treating Water by Households





Data Collected Date

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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Household Access to Drinking Water - Number of times households fetch water in a week

Number of Times Households Fetch Water in a Week

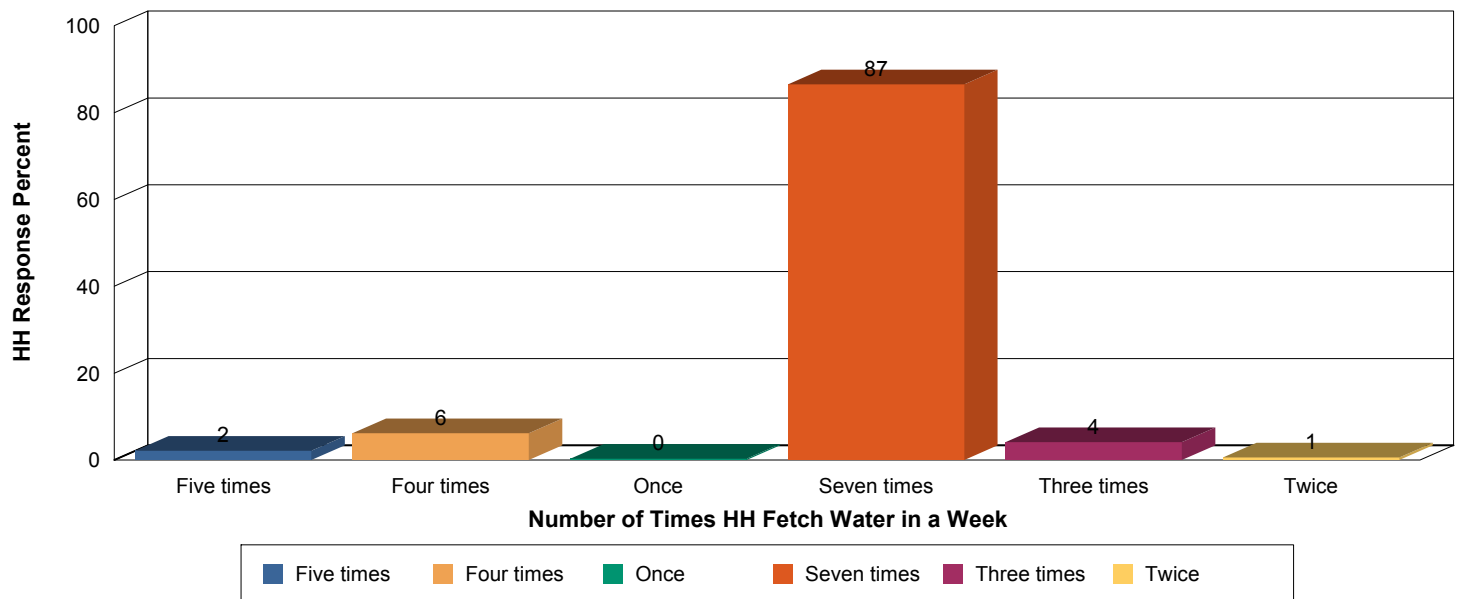
HH Response

Once	0.30
Twice	0.60
Three times	4.10
Four times	6.20
Five times	2.10
Seven times	86.50

Average Number of Times HH Fetch Water Per Week

6.54

Number of Times HH Fetch Water in a Week





Data Collected Date

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Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator

Household Access to Drinking Water - Time taken per day to fetch water for households

Time Taken To Fetch Water

HH Response

A - Less than 30 min

51.80

B - 30 min - 1 hr

51.80

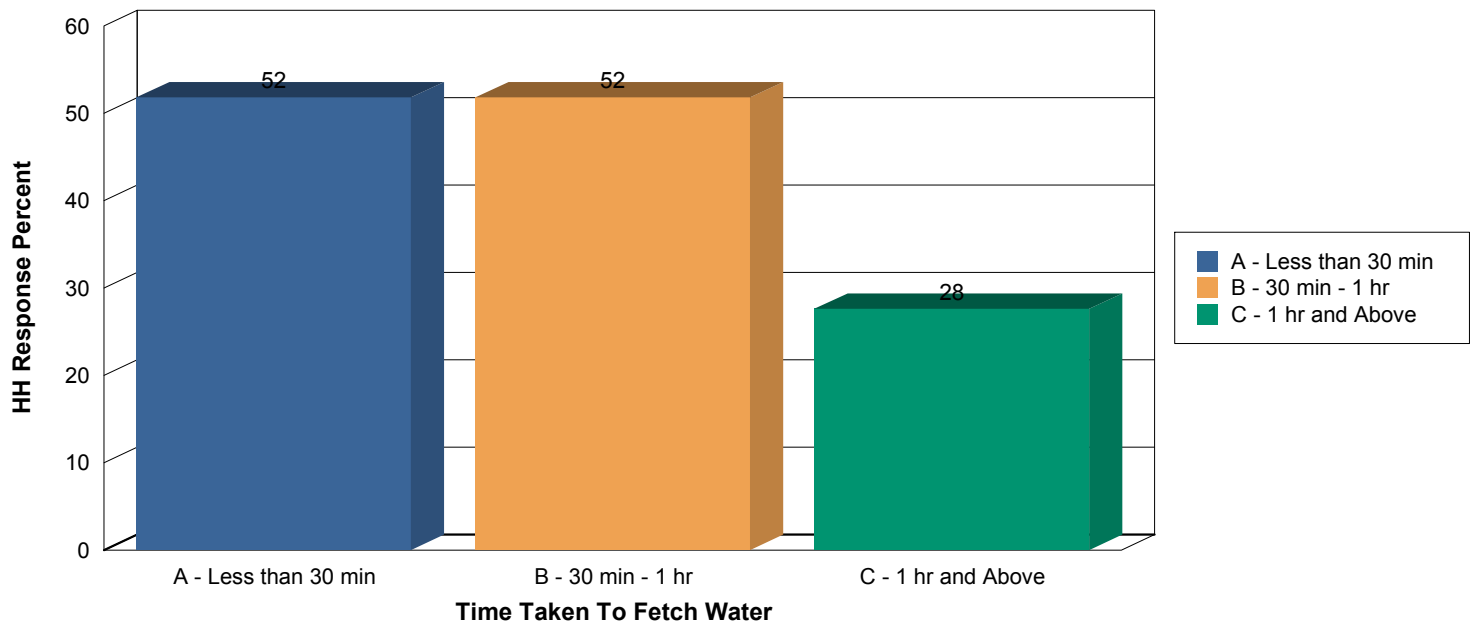
C - 1 hr and Above

27.60

Average Number of Times Taken To Fetch Water

65.25

Time Taken To Fetch Water for the HH



WDRP Indicators

Coping Mechanisms and Preparedness



Data Collected Date

Thursday, September 18, 2014

<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator **Capacity: Community Preparedness against Sudden Onset Disasters**

<u>KebeleName</u>	<u>Precaution_1</u>	<u>Comment_1</u>	<u>Precaution_2</u>	<u>Comment_2</u>	<u>Precaution_3</u>	<u>Comment_3</u>
LAYIMETATEBIYA	Buying pesticides	To protect crop pests	Storage of food like teff		Praying	It is effective
CHISA	Saving crop residues	For animal fodder to be used during drought time	Keep the crop	To pass the Drought	Pond making	Shortage of rain fall
HIDA RURAL	Saving crop	To use at time of hardship	Storing of pasture for animals	To protect animal from the disaster period	Construction of pond at the rainy season	To use in dry season
TACHIMETATEBIYA	Migrate with animals in search of pasture		Digging pond	For water conservation	Saving our product	To use in times of disasters
WARKA AMBA	Praying to god	Because religious message is effective than other human activity	Buying and saving crop		Storing of hay	
ABALI	Storing crop residual		Saving and storing crops		Making ponds	To withstand the effect of lack of rain fall
KOKA	Making a hay				Making ponds	To withstand the effect of lack of rain fall
BILU	Making and storing hay	For animal forage to use during dry season	Saving own crop production	To use during disaster periods	Making pond	Because of the shortage of rain fall



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator **Capacity: Community Preparedness against Sudden Onset Disasters**

<u>KebeleName</u>	<u>Precaution_1</u>	<u>Comment_1</u>	<u>Precaution_2</u>	<u>Comment_2</u>	<u>Precaution_3</u>	<u>Comment_3</u>
GOZE	By selling livestock and storing food crop for consumption		There is no precaution that farmers take by themselves but wait government aid		By storing food crops and hays for period of disasters	
SEFIY AGER	Storing	Because of crop production	Buying cheap crops		Moving animals where feed is available	
LEKURA_HAMMADIS IRATE(RURAL)	Storing crop product		Storing animal feed		By using veterinary medicine	
LEKUMA_MEANDIT O & MAESSERA	Buying pesticides		Storing food		By praying	
HOMECHO DAYO	Controlling deforestation and using crop rotation	Minimize the effect of climate change	Appropriate land use system by fencing and rotational grazing		Construct terracing	Reducing soil erosion and
GEBEROCH	By storing crop product		Hay collection		Buying medicine	To protect animals from disease



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Selected Indicator **Capacity: Community Preparedness against Sudden Onset Disasters**

<u>KebeleName</u>	<u>Precaution_1</u>	<u>Comment_1</u>	<u>Precaution_2</u>	<u>Comment_2</u>	<u>Precaution_3</u>	<u>Comment_3</u>
DABIREKO	Storing crop produced		Waiting government aid, exchange of assets by crops		Collecting hay	Collecting hay



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Selected Indicator **Capacity: Community Preparedness against Increase in Disaster Intensity**

<u>KebeleName</u>	<u>Precaution_1</u>	<u>Comment_1</u>	<u>Precaution_2</u>	<u>Comment_2</u>	<u>Precaution_3</u>	<u>Comment_3</u>
LAYIMETATEBIYA	Praying	To reduce the magnitude of the hazard	Report to government	For government aid	The last alternative is migration	
CHISA	Moving animals		Selling Animals		Migration	
CHENO	Pray to God		Moving animals to other area		Prepare feed for animal	
HIDA RURAL	Pray to God		Report to wereda administration	To get governmental aid	Seasonal migration	
TACHIMETATEBIYA	Migrate to Afar				Seasonal migration	
WARKA AMBA	Agricultural activity	To reduce the magnitude of hazards	Report to the government	To get government aid	The last alternative is migration	
ABALI	Harvesting water by making pond		Sowing drought resistant crop	Lack of moisture		
KOKA	Afforestation, Appropriate utilization of natural resource	To reduce drought effect				
BILU	Migration with animals		Saving assets by selling animals			
GOZE	Do agriculture activities					



Data Collected Date

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Selected Indicator **Capacity: Community Preparedness against Increase in Disaster Intensity**

<u>KebeleName</u>	<u>Precaution_1</u>	<u>Comment_1</u>	<u>Precaution_2</u>	<u>Comment_2</u>	<u>Precaution_3</u>	<u>Comment_3</u>
SEFIY AGER	Harvesting water by making pond					
LEKURA_HAMMADIS IRATE(RURAL)	Praying to God		Use pesticide			
LEKUMA_MEANDIT O & MAESSERA	Praying		Report to government	To get government aid	The last alternative is migration	
HOMECHO DAYO	Change residence area					
GEBEROCH	Pray to God					
DABIREKO	Afforestation, Appropriate utilization of natural resource	To reduce drought effect	Resettlement			



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Capacity: Community Preparedness against Disasters

<u>Kebele Name</u>	<u>Precaution 1</u>	<u>Comment 1</u>	<u>Precaution 2</u>	<u>Comment 2</u>	<u>Precaution 3</u>	<u>Comment 3</u>
LAYIMETATEBIYA	Buying pesticides	To protect crop pests	Storage of food like teff		Praying	It is effective
CHISA	Saving crop residues	For animal fodder to be used during drought time	Keep the crop	To pass the Drought	Pond making	Shortage of rain fall
HIDA RURAL	Saving crop	To use at time of hardship	Storing of pasture for animals	To protect animal from the disaster period	Construction of pond at the rainy season	To use in dry season
TACHIMETATEBIYA	Migrate with animals in search of pasture		Digging pond	For water conservation	Saving our product	To use in times of disasters
WARKA AMBA	Praying to god	Because religious message is effective than other human activity	Buying and saving crop		Storing of hay	
ABALI	Storing crop residual		Saving and storing crops		Making ponds	To withstand the effect of lack of rain fall
KOKA	Making a hay					
BILU	Making and storing hay	For animal forage to use during dry season	Saving own crop production	To use during disaster periods	Making pond	Because of the shortage of rain fall



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Selected Indicator

Capacity: Community Preparedness against Disasters

<u>Kebele Name</u>	<u>Precaution 1</u>	<u>Comment 1</u>	<u>Precaution 2</u>	<u>Comment 2</u>	<u>Precaution 3</u>	<u>Comment 3</u>
GOZE	By selling livestock and storing food crop for consumption		There is no precaution that farmers take by themselves but wait government aid		By storing food crops and hays for period of disasters	
SEFIY AGER	Storing	Because of crop production	Buying cheap crops		Moving animals where feed is available	
LEKURA_HAMMA DISIRATE(RURAL)	Storing crop product		Storing animal feed		By using veterinary medicine	
LEKUMA_MEANDI TO & MAESSERA	Buying pesticides		Storing food		By praying	
HOMECHO DAYO	Controlling deforestation and using crop rotation	Minimize the effect of climate change	Appropriate land use system by fencing and rotational grazing		Construct terracing	Reducing soil erosion and
GEBEROCH	By storing crop product		Hay collection		Buying medicine	To protect animals from disease
DABIREKO	Storing crop produced		Waiting government aid, exchange of assets by crops		Collecting hay	



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Selected Indicator Hazard: Coping and recovering during last Disaster

Kebele Name LAYIMETATEBIYA

Type of Disaster(s) Drought

Coping Strategy

Description

Recovery Strategy By selling animals , Borrowing, Migration

Description By helping each other, by sharing money and food

Community By borrowing or helping each other

Participation Ways

Description They try to recover by giving some animals to their relatives or friends



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	CHISA
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Type of Disaster(s) Drought

Coping Strategy Selling assets

Description

Recovery Strategy Receiving government aid,

Description

Community Participation Ways Borrowing Oxen, Taking seed each other

Description Giving Animal food



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	CHENO
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Type of Disaster(s) Drought

Coping Strategy Buy some crops by selling animals, migrate to other place

Description

Recovery Strategy Selling Animal

Description

Community Participation Ways Borrowing each other

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	HIDA RURAL
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Type of Disaster(s) Quelea Quelea birds

Coping Strategy

Description

Recovery Strategy Selling goats & sheep, by borrowing each other

Description Giving animals

Community helping each other

Participation Ways

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	TACHIMETATEBIYA
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Type of Disaster(s) Livestock disease

Coping Strategy Help each other during disaster

Description Gift of food

Recovery Strategy Borrowing, helping each other

Description Gift of food, money

Community Participation Ways Helping each other

Description Giving food and other resources to each other



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	WARKA AMBA
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Type of Disaster(s) Quelea Quelea birds

Coping Strategy

Description

Recovery Strategy By selling cattle, borrowing, migration

Description

Community Participation Ways Borrowing Oxen, Taking seed each other

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	ABALI
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Type of Disaster(s) Drought

Coping Strategy moving the resource

Description

Recovery Strategy Moving animals where pasture is available

Description

Community Participation Ways Making pond together, constructing house together

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	KOKA
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Type of Disaster(s) Drought

Coping Strategy Storing food and by sharing crop ,

Description

Recovery Strategy Receiving government aid, and support from local people

Description Monthly aid from the government like sorghum , Maize and wheat

Community Participation Ways By sharing assets, By borrowing money from other

Description Share food, Give animals



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	BILU
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Type of Disaster(s) Drought

Coping Strategy By sharing their stored food by contributing crops

Description

Recovery Strategy Receiving aid from the government , Working daily labor

Description

Community Participation Ways borrowing & sharing stored food crops

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	GOZE
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Type of Disaster(s) Increasing temperature

Coping Strategy By contributing foods and by making religious prayer

Description

Recovery Strategy Government support, Local people food & money support

Description Monthly aid from the people who live outside the country

Community Participation Ways By borrowing money and food crop from one of the community member by selling or sharing their assets

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	SEFIY AGER
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Type of Disaster(s) Drought

Coping Strategy Sharing resource

Description Give food

Recovery Strategy Moving animals where pasture is available, Making pond

Description

Community Participation Ways Making pond and constructing houses together

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

Kebele Name LEKURA_HAMMADISIRATE(RURAL)

Type of Disaster(s) Livestock diseases

Coping Strategy By using vaccination

Description Good

Recovery Strategy By selling crop from the store and bought livestock

Description Medium

Community
Participation Ways By helping each other

Description Medium



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Selected Indicator Hazard: Coping and recovering during last Disaster

Kebele Name LEKUMA_MEANDITO & MAESSERA

Type of Disaster(s) Quelea Quelea birds

Coping Strategy

Description

Recovery Strategy By selling cattle , By borrowing , By migration

Description

Community Borrowing each other

Participation Ways

Description Share foods, Give some animals



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Selected Indicator Hazard: Coping and recovering during last Disaster

<u>Kebele Name</u>	HOMECHO DAYO
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Type of Disaster(s) Increasing temperature

Coping Strategy By contributing foods and money, making religious prayer, appropriate use of resources

Description

Recovery Strategy Government aid , helping each other

Description monthly aid of food

Community Participation Ways By sharing their cultural skills, Transfer ideas exchange through communication

Description By constructing and rebuilding public services , By making terraces in largely degraded areas



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator Hazard: Coping and recovering during last Disaster

Kebele Name	GEBEROCH
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Type of Disaster(s) Livestock disease

Coping Strategy Vaccinating animals

Description Good

Recovery Strategy

Description

Community Giving some animals for those who lost animals

Participation Ways

Description



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Selected Indicator Hazard: Coping and recovering during last Disaster

Kebele Name DABIREKO

Type of Disaster(s) Drought

Coping Strategy By sharing stored food, By making religious prayer, By helping the poor & weak people

Description

Recovery Strategy By Government aid, By helping each other, Local people support

Description Monthly aid like sorghum and Maize

Community Participation Ways During the incidence by supporting the weak & poor people , By lending money one another

Description



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Selected Indicator

Capacity: Type Community Participation

<u>Kebele Name</u>	<u>Levels Comm Participation</u>	<u>Changes In Last Decade</u>
LAYIMETATEBIYA	Edir, Ekub	
CHISA	Very well cooperation during harvesting, death , housing, weeding etc	No change
CHENO	Helping each other during house construction and crop collection	
HIDA RURAL	Very strong cooperation on agricultural activities and social activities	No change
TACHIMETATEBIYA	Helping each other during house construction and crop collection	
WARKA AMBA	Very strong relationship by agricultural activities and social activities	No change
ABALI	Harvesting, Weeding, housing construction	No change
KOKA	Debo (soil conservation and agricultural activities) and Edir (money contribution during funeral ceremonies)	
BILU	Helping during threshing and weeding, Edir	The same
GOZE	Debo (soil conservation and agricultural activities) and Edir (money contribution during funeral ceremonies)	
SEFIY AGER	Community & social life is very good for example:- Weeding together, Harvests, Housing construction	There is no change
LEKURA_HAMMADI SIRATE(RURAL)	There is culture of helping each other	No change
LEKUMA_MEANDIT O & MAESSERA	There is culture of helping each other	Decreased
HOMECHO DAYO	There is culture of helping each other	
GEBEROCH	There is culture of helping each other	



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Selected Indicator

Capacity: Type Community Participation

<u>Kebele Name</u>	<u>Levels Comm Participation</u>	<u>Changes In Last Decade</u>
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DABIREKO	Debo (soil conservation and agricultural activities) and Edir (money contribution during funeral ceremonies)
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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
Selected Indicator	Capacity: Recovery from Losses from Disasters - Percentage of Households who have managed to recover from losses of disasters				

Percentage of households who have managed to recover from losses of disasters 92.90 %

Comments



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Region AFAR

Zone ZONE 3

Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households to recover from respective losses

Type of Coping Strategy Adopted

Type of Loss

	Crop damage	Death of household members	Illness/health problems	Livestock damage	Livestock were stolen	Loss of access to social services, including school	Loss of income	Loss of savings	Lost access to grazing land	Lost access to water source	Other losses/damages	Physical damages on houses and property
Borrowing of food or cash (including purchasing food on credit)	4.30		20.00	2.90	50.00		8.20					12.20
Collection of wild food	0.40			1.40								2.40
Consumption rather than sale of crop surplus	4.70			2.20			9.60				33.30	7.30
Increased working hours	12.60		20.00	13.70			5.50	18.20	5.90			19.50



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Region AFAR

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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households to recover from respective losses

Type of Coping Strategy Adopted

Type of Loss

	Crop damage	Death of household members	Illness/health problems	Livestock damage	Livestock were stolen	Loss of access to social services, including school	Loss of income	Loss of savings	Lost access to grazing land	Lost access to water source	Other losses/damages	Physical damages on houses and property
Limit portion size at meals	3.20			4.30			4.10	9.10				2.40
Long-term / permanent migration (including distress migration of whole families)	0.40		10.00						2.90	14.30		
Reduce number of meals eaten in a day	7.10			3.60			6.80	9.10				4.90
Reduced expenditure on health and education (including taking children out of school)				0.70			1.40					



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households to recover from respective losses

Type of Coping Strategy Adopted	Type of Loss											
	Crop damage	Death of household members	Illness/health problems	Livestock damage	Livestock were stolen	Loss of access to social services, including school	Loss of income	Loss of savings	Lost access to grazing land	Lost access to water source	Other losses/damages	Physical damages on houses and property
Reduced expenditure on non-essential items (beer, cigarettes, clothes, meat, etc.)	11.10			2.20		50.00	5.50	27.30	76.50	42.90		12.20
Reduced expenditure on productive inputs (fertilizer, seeds, livestock drugs, etc.)	1.20			2.20								2.40
Rely on less preferred and less expensive food	15.00		20.00	15.80		50.00	31.50	9.10			33.30	9.80
Restrict consumption by adults in order for small children to eat	2.80			2.20			2.70					



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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households to recover from respective losses

Type of Coping Strategy Adopted

Type of Loss

	Crop damage	Death of household members	Illness/health problems	Livestock damage	Livestock were stolen	Loss of access to social services, including school	Loss of income	Loss of savings	Lost access to grazing land	Lost access to water source	Other losses/damages	Physical damages on houses and property
Sale of non-productive assets (Jewelry, clothing, etc.)	4.00			9.40			2.70					
Sale of productive assets (land, farm implements, vehicle, etc.)	1.20			1.40			1.40					
Seek alternative or additional jobs	17.00	50.00	10.00	21.60	50.00		12.30	27.30	5.90			9.80
Sell more livestock than usual	9.90	50.00		8.60				2.70	5.90	14.30	33.30	12.20



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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households to recover from respective losses

Type of Coping Strategy Adopted

Type of Loss

	Crop damage	Death of household members	Illness/health problems	Livestock damage	Livestock were stolen	Loss of access to social services, including school	Loss of income	Loss of savings	Lost access to grazing land	Lost access to water source	Other losses/damages	Physical damages on houses and property
Sending children of household for work	3.60			5.00			1.40					4.90
Short-term / seasonal labor migration	1.60		20.00	2.90			4.10		2.90	14.30		



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Percentage of households by frequency of main coping strategies adopted

Type of Coping Strategy Adopted **Frequency of Adoption**

	1 - Daily	2 - Often (1-2 times/week)	3 - Sometimes (2-3 times/month)	4 - Seldom (1-3 times in 6 months)	5 - Never
Borrowing of food or cash (including purchasing food on credit)	1.40	9.90	35.20	49.30	4.20
Consumption rather than sale of crop surplus		8.60	22.90	68.60	
EMERDA				100.00	
Increased working hours	1.30	43.40	14.50	36.80	3.90
Limit portion size at meals		6.90	17.20	72.40	3.40
Long-term / permanent migration (including distress migration)		50.00		50.00	
Reduce number of meals eaten in a day		22.00	12.20	65.90	
Reduced expenditure on health and education			66.70	33.30	
Reduced expenditure on non-essential items (beer, cigarettes, etc)	4.50	14.80	9.10	67.00	4.50
Reduced expenditure on productive inputs (fertilizer, seeds, etc)		28.60		71.40	
Rely on less preferred and less expensive food	8.30	13.30	18.30	56.70	3.30
Restrict consumption by adults in order for small children			18.20	81.80	



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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Percentage of households by frequency of main coping strategies adopted

Type of Coping Strategy Adopted	Frequency of Adoption				
	1 - Daily	2 - Often (1-2 times/week)	3 - Sometimes (2-3 times/month)	4 - Seldom (1-3 times in 6 months)	5 - Never
Sale of non-productive assets (jewellery, clothing, etc.)	1.90	5.80	40.40		51.90
Sale of productive assets (land, farm implements, vehicle, etc)			9.10	90.90	
Seek alternative or additional jobs	1.40	24.30	32.40	40.50	1.40
Sell more livestock than usual	8.40	13.80	19.70	54.20	3.90
Sending children of household for work		8.30	33.30	50.00	8.30
Short-term / seasonal labor migration		17.40	34.80	47.80	



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL	
Selected Indicator		Capacity: Alternative Livelihood Sources - Alternative livelihood sources suggested by the community				
Kebele Name	Work Option 1	Comment 1	Work Option 2	Comment 2	Work Option 3	Comment 3
LAYIMETATEBIYA	Daily work	Have labor force	Weaving	They have experience	Petty trade	By selling animals
CHISA	Livestock production	The presence of grazing land	There is no other option			
CHENO	Retailing, Daily labor	To buy food	Store crop	To use it during bad time	Conservation of food	To use during bad time
HIDA RURAL	Daily labor work in urban area		Weaving	They have knowledge & experience		
TACHIMETATEBIYA	Petty trade	Have experience	Selling Animals	There is a market of animals		
WARKA AMBA	Day works	They have labor forces	Weaving	They have experience	Petty trade	By selling goats & sheep
ABALI	No other option	Limited for agriculture				
KOKA	No other option	no other opportunity to get income				
BILU	Livestock production	Suitable for animal production				
GOZE	There is no other income generating option	agriculture is the only livelihood option	Migration			



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL	
Selected Indicator	Capacity: Alternative Livelihood Sources - Alternative livelihood sources suggested by the community					
Kebele Name	Work Option 1	Comment 1	Work Option 2	Comment 2	Work Option 3	Comment 3
SEFIY AGER	No other options					
LEKURA_HAMMADI SIRATE(RURAL)	Weaving		Petty trading			
LEKUMA_MEANDIT O & MAESSERA	Daily labor works		Weaving		Petty trade	By selling goats & sheep
HOMECHO DAYO	Resettlement to potential areas		Migration			
GEBEROCH	Petty trade	To get money				
DABIREKO	There is no option to get income					



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Selected Indicator

Capacity: Recovery from Losses from Disasters - Percentage of households recovered from past disasters by type of Disasters

Type of Disaster

Recovered Percentage

Droughts 29.00

Floods 0.40

Landslides 0.10

Crop diseases 30.20

Livestock diseases 25.60

Human diseases 0.60

Heavy Rain 0.10

Frost / Cold waves 0.10

Heat waves/ High temp 2.90

Conflicts 2.00

Economic / Price shock 9.00



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator: Capacity: Recovery from Losses from Disasters - Proportion of households recovered by type of Losses

Type of Loss Percentage

Physical damages on houses and property 7.40

Crop damage 38.40

Livestock damage 24.20

Death of household members 1.10

Illness/health problems 1.30

Loss of access to social services, including school 0.30

Loss of income 12.90

Loss of savings 3.20

Livestock were stolen 1.00

Lost access to grazing land 6.00

Lost access to water source 3.00

Had to flee/change residence area 0.60

Other losses/damages 0.30



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Selected Indicator

Capacity: Coping Options if More Resources Available - What coping strategy could be adopted if more resource were available?

Coping Strategy To Be Adopted Percentage Response

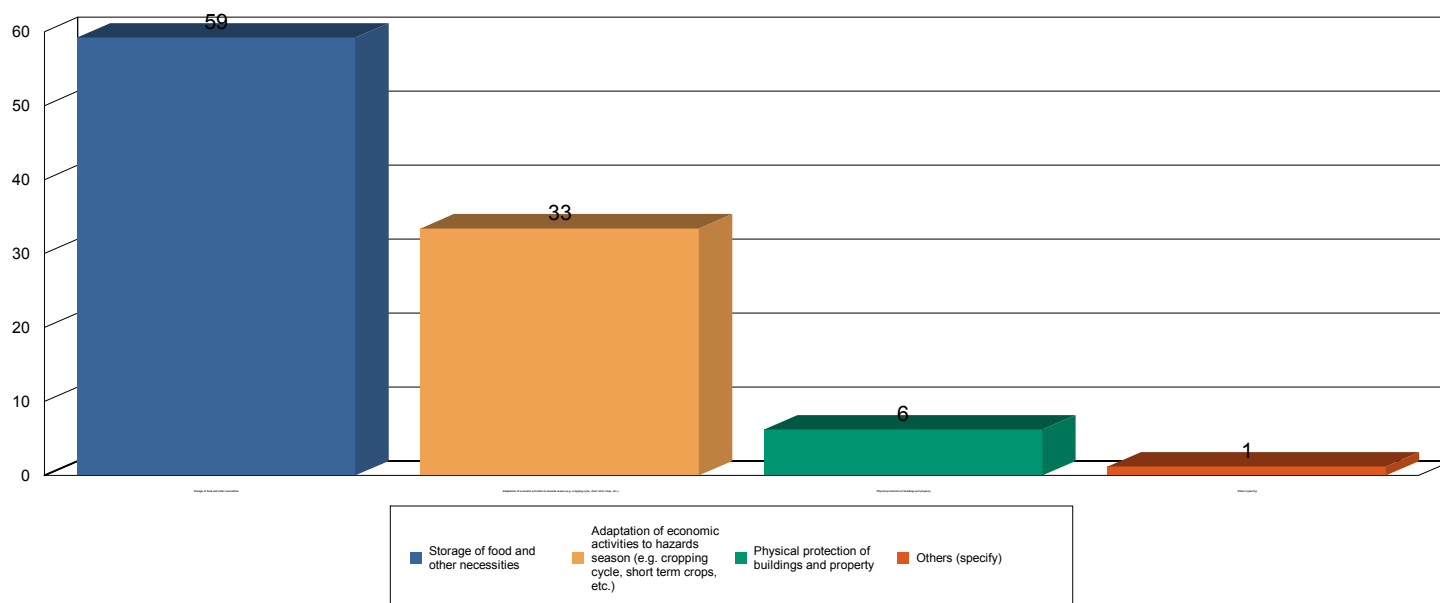
Adaptation of economic activities to hazards season (e.g. cropping cycle, short term crops, etc.) 33.40

Storage of food and other necessities 59.20

Physical protection of buildings and property 6.20

Others (specify) 1.20

Top 10 Copng Strategies to be adopted if more resources were available





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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households for respective disasters

Coping Strategies Adopted **Types of disasters for which HHs in the community adopt the listed Coping Strategies**

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Borrowing of food or cash (including purchasing food on credit)		0.80	8.60						
Consumption rather than sale of crop surplus		12.80	8.20	1.30	33.30	9.10		25.00	4.30
Increased working hours		14.70	5.90	8.00		9.10			6.10
Limit portion size at meals		2.60	2.00	10.70	33.30				3.00
Long-term / permanent migration (including distress migration)	66.70	1.10							0.90
Reduce number of meals eaten in a day		3.00	3.50	16.00		18.20			3.90



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households for respective disasters

Coping Strategies Adopted	Types of disasters for which HHs in the community adopt the listed Coping Strategies								
	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Reduced expenditure on non-essential items (beer, cigarettes, etc)		11.70	15.60	9.30		4.50	100.00	25.00	3.90
Reduced expenditure on productive inputs (fertilizer, seeds, etc)		0.80	0.40	1.30					1.30
Rely on less preferred and less expensive food		5.60	9.80	14.70		4.50		25.00	4.80
Restrict consumption by adults in order for small children		2.60	0.80	1.30					0.40
Seek alternative or additional jobs	16.70	6.40	5.90	16.00		10.40			10.40
Sell more livestock than usual	16.70	19.90	19.90	13.30		18.20			37.40



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households for respective disasters

Coping Strategies Adopted		Types of disasters for which HHs in the community adopt the listed Coping Strategies							
		Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Heavy Rain	Human diseases
Short-term / seasonal labor migration			3.00	1.60					
									4.30



Data Collected Date

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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households for respective disasters

Coping Strategies Adopted **Types of disasters for which HHs in the community adopt the listed Coping Strategies**

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Borrowing of food or cash (including purchasing food on credit)		0.80	8.60						
Consumption rather than sale of crop surplus		12.80	8.20	1.30	33.30	9.10		25.00	4.30
Increased working hours		14.70	5.90	8.00		9.10			6.10
Limit portion size at meals		2.60	2.00	10.70	33.30				3.00
Long-term / permanent migration (including distress migration)	66.70	1.10							0.90
Reduce number of meals eaten in a day		3.00	3.50	16.00		18.20			3.90



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households for respective disasters

Coping Strategies Adopted	Types of disasters for which HHs in the community adopt the listed Coping Strategies								
	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Reduced expenditure on non-essential items (beer, cigarettes, etc)		11.70	15.60	9.30		4.50	100.00	25.00	3.90
Reduced expenditure on productive inputs (fertilizer, seeds, etc)		0.80	0.40	1.30					1.30
Rely on less preferred and less expensive food		5.60	9.80	14.70		4.50		25.00	4.80
Restrict consumption by adults in order for small children		2.60	0.80	1.30					0.40
Seek alternative or additional jobs	16.70	6.40	5.90	16.00		10.40			10.40
Sell more livestock than usual	16.70	19.90	19.90	13.30		18.20			37.40



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Main coping strategies adopted by households for respective disasters

Coping Strategies Adopted Types of disasters for which HHs in the community adopt the listed Coping Strategies

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Heavy Rain	Human diseases	Livestock diseases
Short-term / seasonal labor migration		3.00	1.60						4.30



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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Secondary coping strategies adopted by households for respective disasters

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Human diseases	Livestock diseases
Borrowing of food or cash (including purchasing food on credit)	100.00	5.30	4.90	5.60				4.30
Consumption rather than sale of crop surplus		4.20	7.90					2.10
EMERDA		0.50	0.50					1.40
Increased working hours		14.80	9.40	8.30				14.20
Limit portion size at meals		2.10	3.00	8.30		33.30		3.50



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Selected Indicator

Capacity: Coping Strategies Adopted by Households - Secondary coping strategies adopted by households for respective disasters

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Human diseases	Livestock diseases
Long-term / permanent migration (including distress migration)		0.50	0.50					1.40
Reduce number of meals eaten in a day		2.60	7.40	11.10				4.30
Reduced expenditure on health and education		0.50	0.50					
Reduced expenditure on non-essential items (beer, cigarettes, etc)		8.50	24.10	8.30		33.30	25.00	2.10
Reduced expenditure on productive inputs (fertilizer, seeds, etc)		2.60	0.50					0.70
Rely on less preferred and less expensive food		15.30	14.30	30.60	33.30	33.30	25.00	16.30



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ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Secondary coping strategies adopted by households for respective disasters

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Human diseases	Livestock diseases
Restrict consumption by adults in order for small children		1.60	2.00	5.60				2.10
Sale of non-productive assets (jewellery, clothing, etc.)	2.80	3.70	2.50					8.50
Sale of productive assets (land, farm implements, vehicle, etc)		1.60			0.50			1.40
Seek alternative or additional jobs		21.70	8.40	13.90	33.30		25.00	20.60
Sell more livestock than usual		7.40	9.40	2.80	33.30		25.00	9.20
Sending children of household for work		4.80	1.50	2.80				4.30



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ZONE 3

Wereda

ARGOBA SPECIAL

Selected Indicator

Capacity: Coping Strategies Adopted by Households - Secondary coping strategies adopted by households for respective disasters

	Conflicts	Crop diseases	Droughts	Economic / Price shock	Floods	Heat waves/ High temp	Human diseases	Livestock diseases
Short-term / seasonal labor migration		2.10	2.50					3.50

WDRP Indicators

Community

Perceptions and Suggestions



Data Collected Date

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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL	
Selected Indicator		Interventions: Community Perception on Mediums to Influence DRM Actors - Community perception on the effectiveness of institutional channels to use to influence DRM actors				
Kebele Name	Institution_1	Process_Description	Institution_2	Process_Description	Institution_3	Process_Description
LAYIMETATEBIYA	Kebele leader to wereda	By formal way of governmental system				
CHISA	Wereda administrator and representative of the people	Contact the community and inform the authorities and other management institution	Kebele Administrator		Kebele community religious leaders	
CHENO	Kebele leader to wereda					
HIDA RURAL	Kebele leader to wereda	By formal ways of the Governmental system				
TACHIMETATEBIYA	Elders		Kebele administrator			
WARKA AMBA	Kebele leaders	By formal ways of the government system				



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL	
Selected Indicator		Interventions: Community Perception on Mediums to Influence DRM Actors - Community perception on the effectiveness of institutional channels to use to influence DRM actors				
Kebele Name	Institution_1	Process_Description	Institution_2	Process_Description	Institution_3	Process_Description
ABALI	Wereda administrator and representative of the people	Contact the community and inform the authorities and other management institution	Kebele Administrator	Contact the kebele community to the wereda	Kebele community religious leaders	Used to influence THE question
KOKA	The member of the early warning committee	Contact as to the wereda disaster & risk management office	By kebele religious people	To accept the problem from wereda disaster & Risk management office	By influentially wereda representative people	To contract from the management institution or NGOs
BILU	Wereda administrator and representative of the people	Contact the community and inform the authorities and other management institution	Kebele Administrator	Contact the kebele committee to the wereda	Religious level	To influence the question they ask
GOZE	Wereda administrator and representative of the people	Contact the community and inform the authorities and other management institution	Member of the early warning committee	Contact the wereda to our kebele with disasters management institution /NGOs/	By kebele religious people /Influential persons	For the acceptance of the question



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Interventions: Community Perception on Mediums to Influence DRM Actors - Community perception on the effectiveness of institutional channels to use to influence DRM actors

Kebele Name	Institution_1	Process_Description	Institution_2	Process_Description	Institution_3	Process_Description
SEFIY_AGER	Wereda administrator and representative of the people	Contact the community and inform the authorities and other management institution	Kebele Administrator	Contact the kebele community to the wereda	Religious leader (influential person)	Used to influence the acceptance of the question
LEKURA_HAMMADI SIRATE(RURAL)	Religious father	There in un acceptance in village and wereda	Elders	There in un acceptance in village and wereda	Kebele administrator	There in un acceptance in village and wereda
LEKUMA_MEANDIT O & MAESSERA	Kebele leaders	By formal way of governmental system	Wereda & Regnal leaders			
HOMECHO DAYO	Religious father	Tell our option to authority	Elders	Tell our option to authority		
GEBEROCH	Religious father					
DABIREKO	Kebele Administrator	Contact us to the wereda	Our kebele known and religious people	Used as a channel to the community for the aid support from outside the country	By influential wereda representatives	



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Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Interventions: Community Perception on their Knowledge used in DRM Process - Perception of the community on how their knowledge influences the priorities and measures of DRM actors

KebeleName Community Suggestions

ABALI Very happy because the main problems have started to be solved

BILU Very happy because the main problems have started to be solved

GEBEROCH We get every infrastructure that we ask

LAYIMETATEBIYA We have done well all things in our community

SEFIY AGER Very happy because the main problems have started to be solved

WARKA AMBA We have done well all things in our community

HOMECHO DAYO We have done well all things in our community

LEKURA_HAMMADI
SIRATE(RURAL) Partially we get the response to our question

LEKUMA_MEANDIT
O & MAESSERA We have done well all things in our community



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Interventions: Suggestions to improve preparedness - Interventions suggested by the community to development actors to improve preparedness in the area

<u>KebeleName</u>	Measure 1	Comment 1	Measure 2	Comment 2	Measure 3	Comment 3
LAYIMETATEBIY A	Establish cooperatives		Awareness on how to early protection of hazard	Less awareness	Create alternative job	
CHISA	Creating saving & credit association		Supply of improved seeds	To increase productivity	Provision of oxen	For those who have no oxen
CHENO	Creating cooperation by government		Provision of oxen		Giving inputs	
HIDA RURAL	Establish cooperatives		To teach early protection of disasters		Create job opportunity	
TACHIMETATEBI YA	Creating saving & credit association		Irrigation development			
WARKA AMBA	Establish cooperatives		To teacher early protection of disaster		Create job opportunity	
KOKA	Create land use planning policy & and family planning	to balance agricultural land & family size of the farmers	Constructing soil and water conservation structures	To reduce land degradation & soil erosion	Strengtheni ng water harvesting technology	To improve water supply
BILU	Create cooperation					



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Selected Indicator

Interventions: Suggestions to improve preparedness - Interventions suggested by the community to development actors to improve preparedness in the area

<u>KebeleName</u>	Measure 1	Comment 1	Measure 2	Comment 2	Measure 3	Comment 3
GOZE	Establishing microfinance institution for the community		Family planning			
SEFIY AGER	Water development		Improving access to health services			
LEKURA_HAMMA DISIRATE(RURAL)	Access to improved seed	To increase productivity	Animals feed		Access to fertilizer	
LEKUMA_MEAND ITO & MAESSERA	Establish cooperatives		To teach early protection of disaster		Create alternative job opportunities	Limited resources
HOMECHO DAYO	Establishing microfinance institution		Family planning			
GEBEROCH	Migrate our children					
DABIREKO	Build health post	There is no health post in our kebele	To teach about HIV disease	To protect our life and youth & children	To teach about family planning	



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Region	AFAR	Zone	ZONE 3		Wereda	ARGOBA SPECIAL	
Selected Indicator	Interventions: Suggestions to DRM Actors in the Area - Community suggested measures to DRM actors in the area for effective DRM actions						
Kebele Name	Measure 1	Comment 1	Measure 2	Comment 2	Measure 3	Comment 3	
LAYIMETATEBIY A	Face to face discussion on wereda& kebele Cabinet	To find solution based on priorities of the community					
CHISA	Awareness creation		Monitoring & Evaluation				
HIDA RURAL	Face to face discussion on wereda& kebele Cabinet	To find solution based on priorities of the community					
WARKA AMBA	Face to face discussion on wereda& kebele Cabinet	To find solution based on priorities of the community					
ABALI	Awareness creation		Monitoring & Evaluation				
KOKA	Modernize agriculture & livestock production		Resettlement to better areas	income for better life	Create awareness to the community		
BILU	Awareness creation		Monitoring & Evaluation				



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL	
Selected Indicator	Interventions: Suggestions to DRM Actors in the Area - Community suggested measures to DRM actors in the area for effective DRM actions					
Kebele Name	Measure 1	Comment 1	Measure 2	Comment 2	Measure 3	Comment 3
GOZE	Monitoring & Evaluation					
SEFIY AGER	Awareness creation	For the better goal of the activities	Timely implementation of activities			
LEKUMA_MEAN DITO & MAESSERA	Face to face discussion on wereda& kebele Cabinet	To find solution based on priorities of the community				
HOMECHO DAYO	Face to face discussion on wereda & kebele Cabinet	To find solution based on priorities of the community				
DABIREKO	Modernize agriculture & livestock production		Resettlement		Create awareness to the community	



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Community Suggestions to Improve Economic Situation - Community suggested measures to improve the economic situation of the area

<u>KebeleName</u>	<u>Measure 1</u>	<u>Comment 1</u>	<u>Measure 2</u>	<u>Comment 2</u>	<u>Measure 3</u>	<u>Comment 3</u>
LAYIMETATEBIYA	Supply of improved variety of seed	To increase productivity	Improving access to veterinary services	To protect disease	Access to credit institution	
CHISA	Supply of improved variety of seed	To increase productivity	Development of modern irrigation		Water harvesting	
CHENO	Supply of improved variety of seed		Improve access to agricultural inputs			
HIDA RURAL	Improving access to veterinary services		Supply of improved variety of seed	To increase out put	establish credit institution	
TACHIMETATEBIYA	Supply of improved variety of seed		Improving access to health services		Improving access to market	
WARKA AMBA	Improving access to veterinary services		Supply of improved variety of seed	To increase out put	establish credit institution	
ABALI	Supply of improved variety of seed	The main economic activity is agriculture	Development of water	The main economic activity is agriculture	Improving supply of livestock drugs	



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<u>Region</u>	AFAR	<u>Zone</u>	ZONE 3	<u>Wereda</u>	ARGOBA SPECIAL
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Selected Indicator

Economic Vulnerability: Community Suggestions to Improve Economic Situation - Community suggested measures to improve the economic situation of the area

<u>KebeleName</u>	<u>Measure 1</u>	<u>Comment 1</u>	<u>Measure 2</u>	<u>Comment 2</u>	<u>Measure 3</u>	<u>Comment 3</u>
KOKA	Construction of different infrastructure by the government to improve economic situation of the community		Timely supply of agricultural inputs		Establish microfinance institutions	For better saving & credit service
BILU	Water harvesting		Honey production	To provide other income generating mechanism	Supply of improved variety of seed	To improve crop production
GOZE	Timely supply of agricultural inputs		establishing small micro finance institutions			
SEFIY AGER	Supply of improved variety of seed		access for agriculture input			
LEKURA_HAMMAD ISIRATE(RURAL)	Supply of improved variety of seed	To increase productivity	Improving access to health services		Saving & Credit service	
LEKUMA_MEANDI TO & MAESSERA	Supply of improved variety of seed	To increase productivity	Improving access to veterinary services		Access to credit institution	
HOMECHO DAYO	Provision of Oxen		Supply of improved variety of seed		Establish cooperatives	



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Selected Indicator

Economic Vulnerability: Community Suggestions to Improve Economic Situation - Community suggested measures to improve the economic situation of the area

<u>KebeleName</u>	<u>Measure 1</u>	<u>Comment 1</u>	<u>Measure 2</u>	<u>Comment 2</u>	<u>Measure 3</u>	<u>Comment 3</u>
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GEBEROCH	Improving irrigation		Supply of improved variety of seed	To increase production		
DABIREKO	Construction of different infrastructure by the government to improve economic situation of the community		Timely supply of agricultural inputs		Improving access to credit and saving institutions	



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Selected Indicator

Community Awareness of Disaster Risk Management System and Actors

<u>Kebele Name</u>	<u>Institution 1</u>	<u>Responsibility</u>	<u>Activity</u>	<u>Institution 2</u>	<u>Responsibility</u>	<u>Activity</u>	<u>Institution 3</u>	<u>Responsibility</u>	<u>Activity</u>
CHISA	PCDP	Building infrastructure for the community	Working for the community by making road health post	PADET (professional Alliance for development)	Developing water supply source	Spring water development by making pond tankers	AMREF (African Medical and research Foundation)	Human health	Health extension for the society, Family planning
CHENO	PCDP		Building school, Health post	AMREF		Traditional midwifery			
ABALI	PCDP	Build infrastructure		PADET	develop water source	Spring water development	AMREF	Human health	Awareness creation on health
KOKA	PCDP	support pastoral community		PADET	develop water source	Construct water pond	AMREF	Awareness creation on hygiene	teaching farmers & construct health post



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Selected Indicator **Community Awareness of Disaster Risk Management System and Actors**

<u>Kebele Name</u>	<u>Institution 1</u>	<u>Responsibility</u>	<u>Activity</u>	<u>Institution 2</u>	<u>Responsibility</u>	<u>Activity</u>	<u>Institution 3</u>	<u>Responsibility</u>	<u>Activity</u>
BILU	PCDP	Build community infrastructure	Constructi on of road, school & health post	PADET	Develop water supply	Spring developme nt	AMREF	Develop human health	Health extension for the society, family planning
GOZE	PCDP	Build the community infrastructure	Build school , Health post , Road for the society	PADET	water development	Spring water developme nt	AMREF	Support human health	To create knowledg e about hygiene and sanitatio n
GOZE	PCDP	Build infrastructure to community	To full fill the communit y need	PADET	To develop water source	Spring water developme nt	AMREF	Support human health	To create knowledg e about hygiene and sanitatio n
SEFIY AGER	Road construction		PCDP						



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Selected Indicator **Community Awareness of Disaster Risk Management System and Actors**

<u>Kebele Name</u>	<u>Institution 1</u>	<u>Responsibility</u>	<u>Activity</u>	<u>Institution 2</u>	<u>Responsibility</u>	<u>Activity</u>	<u>Institution 3</u>	<u>Responsibility</u>	<u>Activity</u>
LEKUMA_MEANDI TO & MAESSERA	PCDP	Awareness creation	Teach pre-cautio n measures	WFP	Awareness creation	Teach pre-cautio n measures	WAID	Awareness creation	Teach pre-cauti on measures
HOMECHO DAYO	PCDP	Build infrastructure	Build water schemes	AMREF	Support Human health		PADET	develop water sources	
GEBEROCH	PCDP		Build infrastruc ture	AMREF	Traditional midwifery				



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Selected Indicator

Community Perception of DRM System and Actors - Perception of the community on the effectiveness of DRM system in helping them to prevent, cope and recover from disasters

<u>KebeleName</u>	<u>Prevention</u>	<u>Coping</u>	<u>Recovery</u>	<u>Overall Effectiveness</u>
LAYIMETATEBIYA	Awareness creation for the community		By establishing credit institutions & cooperatives	Lack of awareness of cultural system and pastoralist
CHISA	Awareness creation for the community		By solving our problem after the incidence, by building our capacity to reduce and to recover from that disaster	Some measurement system had delayed its activity
CHENO	Awareness creation for the community			Organize Cooperatives
HIDA RURAL	Awareness creation for the community		By establishing saving and credit institution without interest rate	Not effective
TACHIMETATEBIYA	Awareness creation for the community		Creating cooperatives	
WARKA AMBA			By establishing saving and credit institution without interest rate	Not effective
ABALI	Awareness creation for the community	By solving our problem after the incidence & by building our capacity to produce & to recover the disaster	Some measurement had delayed its activities	
KOKA	Very good,	Very good	Very good	



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Selected Indicator

Community Perception of DRM System and Actors - Perception of the community on the effectiveness of DRM system in helping them to prevent, cope and recover from disasters

<u>KebeleName</u>	<u>Prevention</u>	<u>Coping</u>	<u>Recovery</u>	<u>Overall Effectiveness</u>
BILU	Awareness creation for the community	By supporting the community to control by themselves , By helping physical & technical aid	By solving our problem after the incidence by building our capacity to produce and to recover from the disaster	Some measurement had delayed its activities
GOZE	To improve educational , social , health and also economical situation	By solving the causes of disasters	All management system (preventing , coping & recovering) was more than enough	Modern agricultural system
SEFIY AGER	Create awareness for the community to prevent disaster	By removing our community problem.	By solving our problem after the incidence & by building our capacity to production & to recover from disaster	Some measurement had delayed it s activity
LEKURA_HAMMADISIR ATE(RURAL)	Creating awareness about disaster to protect /reduce the impact	Creating credit & Saving Association	Supplying Animals feed	
LEKUMA_MEANDITO & MAESSERA	Teach about disaster		By establishing saving and credit institution without interest rate	
HOMECHO DAYO	By improving their educational social , economical and health situation	By solving our main problem		



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Selected Indicator

Major Public Interventions Desired - Percentage of households by type of intervention desired

Major public interventions desired by the community

Degree of Importance for the community

	1st	2nd	3rd
Better job	44.30	15.00	9.80
Cash transfers/social assistance	0.90	0.30	0.00
Cash-for-work activities (not employment)	4.70	9.10	8.30
Food-for-work activities	2.10	15.60	13.40
Fuel subsidies	0.30	0.60	0.00
Medical assistance / access to health facilities	0.00	0.90	4.50
Micro-credit programmes	18.50	16.20	9.80
Other	1.20	0.00	0.30
Rental subsidies	0.30	4.40	0.60
School fees for children	0.00	0.00	0.30
Subsidized food	1.20	7.90	9.80
Subsidized health care	1.80	3.80	9.20
Supplementary feeding for women and young children	0.60	7.60	6.30
Food aid	23.20	14.10	16.70
MERCY CORPS	1.20	4.40	11.00

WDRP Indicators

Other Community Characteristics



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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
Selected Indicator					
Capacity: Community Based Organizations in the Wereda					
Kebele Name	Name Of Organization	Est. Year	Formal/Informal	Type of Members	Activity
LAYIMETATEBIYA	Camel & cattle feeding association	2000	Informal	20 member	Not functional
CHISA	Youth Association	2002	Informal	30	
TACHIMETATEBIYA	Agriculture cooperatives	2000	Informal	98	Irrigation activity
ABALI	Youth Association	2000	Informal	35	Just in starting
KOKA	Gender association	2003	Informal	60	Just or starting
BILU	Youth Association	2002	Informal	40	No activity
GOZE	Youth Association	2003	Informal	27	Not functional
SEFIY AGER	Youth Association	2000	Informal	36	Just starting
LEKUMA_MEANDIT O & MAESSERA	Camels & cattle feeding association	2000	Informal	20	Not functional
HOMECHO DAYO	Youth federation	2002	Informal	27	Not functional
DABIREKO	Gender association	2002	Informal	92	Not functional



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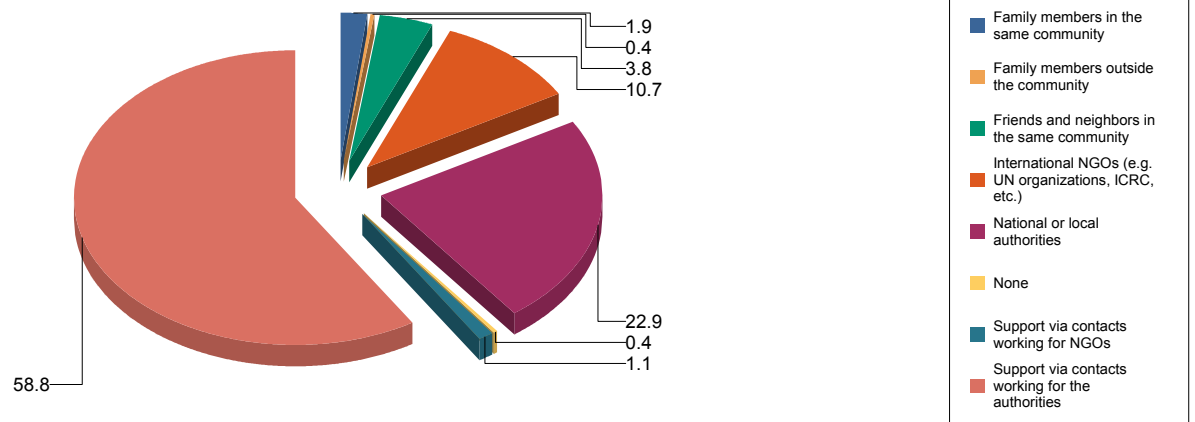
Region AFAR **Zone** ZONE 3 **Wereda** ARGOBA SPECIAL

Selected Indicator

Supporting Agencies against Disasters - Percentage of households by supporting institutions to handle or recover from disaster damages

Supporting Agencies Against Disasters	Response Percentage
National or local authorities	22.90
International NGOs (e.g. UN organizations, ICRC, etc.)	10.70
Family members in the same community	1.90
Friends and neighbors in the same community	3.80
Family members outside the community	0.40
Support via contacts working for the authorities	58.80
Support via contacts working for NGOs	1.10
None	0.40

Supporting Agencies Against Disasters





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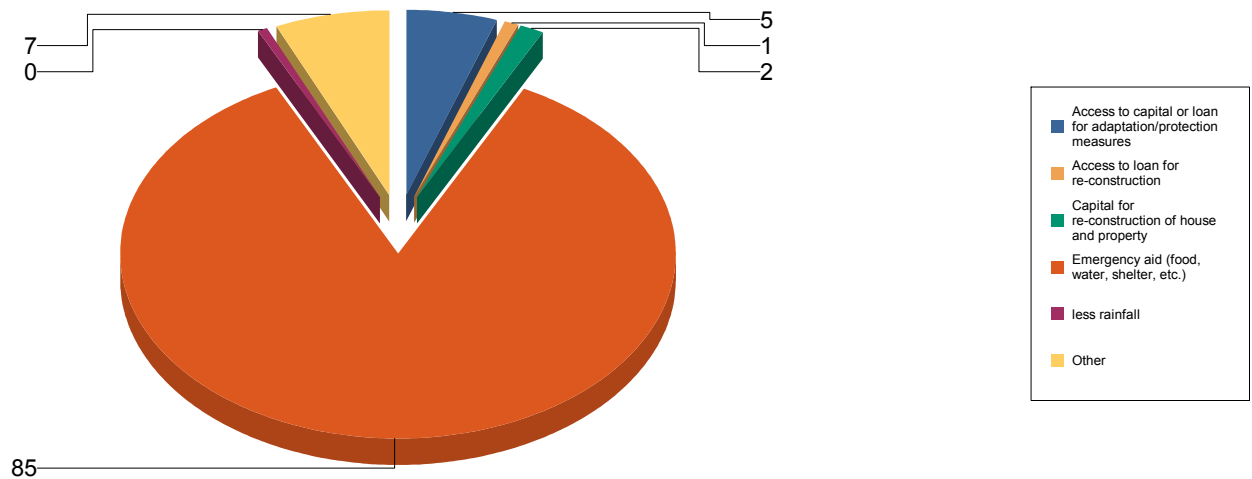
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Selected Indicator **Types of support received by households during disasters**

Type of Support Provided By Supporting Agencies	Response Percentage
Emergency aid (food, water, shelter, etc.)	85.40
Capital for re-construction of house and property	1.50
Access to loan for re-construction	0.60
Access to capital or loan for adaptation/protection measures	5.40
Other	6.80
less rainfall	0.30

Type of Support Provided By Supporting Agencies





Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Government Actors in the Field of Disaster Risk Management - Government actors and their activities in the field of Disaster Risk Managements

Government Institution	Activity	Description	Activity	Description	Activity	Description	Activity	Description
Health Office	Create awareness	Give house to house health education by health extension workers						
Pastoral Community Development Office	Construct road, Health center, School							
Water Resource Development Office	developing po							
Education Office	developing education							



Data Collected Date

Thursday, September 18, 2014

Region AFAR Zone ZONE 3 Wereda ARGOBA SPECIAL

Selected Indicator

Non-Government Actors in the Field of Disaster Risk Management -
Non-government actors and their activities in the field of Disaster Risk
Management

Non Governmental Actors
in the Wereda Activities

PADET	Developing water supply source
CIFA	Health extension for the society , Family planning Awareness creation on hygiene construct health post
WFP	Provision of food aid Awareness creation
insafficient irrigation available	Facilitate & support education



Data_Collected_Date

September 18, 2014

Region

Zone

Wereda

Selected Indicator:

Interventions: Community Suggestions to Development Actors

Kebele Name

Type Of Disaster 1

Early Warning Indicator

Preparedness Measure

Type Of Disaster 2

Early Warning Indicator

Preparedness Measure

Type Of Disaster 3

Early Warning Indicator

Preparedness Measure

Type Of Disaster 4

Early Warning Indicator

Preparedness Measure



Data Collected Date

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Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator **Wereda Strengths, weaknesses, opportunitites and treats (SWOT) Analysis**

Kebele Name	Strength	Weakness	Opportunity	Threat
LAYIMETATEBIYA	Good system of conflict resolution through Negotiation by elders	No saving culture Improper use of resource	Availability of road, School and health post	Conflict Lack of rain fall or Drought
CHISA	Good social cooperation	Improper use of resource	Access of irrigation Availability of grazing land, Sand and stone	Conflict Drought
CHENO	Good social cooperation	Poor saving habit Migration	Presence of school and health post Presence of road	Cattle Robbery Conflict
WARKA AMBA	Terracing activity Good social cooperation	Improper use of resource Dependency on agriculture activity only Poor saving habit	Dry season road Good governance system Absence of conflict Presence of extension workers	Inflation Lack of rain fall or Drought
TACHIMETATEBIYA	Good system of conflict resolution through Negotiation by elders Good level of tolerance in each other	Improper use of resources	Irrigation access Government aid Availability of School and health post Dry season road on the irrigation areas	Drought No alternative job opportunity
WARKA AMBA	Terracing activity Proper use of working times Good level of cooperation	Improper use of resource No saving culture	Dry seasons road No conflict Good government Access to education for children	Inflation Lack of rain fall or Drought No alternative job opportunity Land scarcity



Wereda Disaster Risk Profile

Disaster Risk Management and Food Security Sector (DRMFSS)



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Wereda Strengths, weaknesses, opportunities and threats (SWOT) Analysis

Kebele Name	Strength	Weakness	Opportunity	Threat
ABALI	Soil & Water conservation activity on farm land	There is no saving habit	Presence of road Presence of health post and school Good governance	Lack of rain fall Inflation on farm input
BILU	Sending children to school Good system of solving social problem by elders Good level of cooperation	No saving habit Improper use of resources	Availability of land	Conflict Drought
GOZE	Good level of cooperation	No saving culture Improper use of resource	Availability of School and Health post Dry season road	Drought Plant disease Conflict Quelea Quelea birds
SEFIY AGER	Good work experience Good culture of helping each other	There is no saving habit	Presence of roads The presence of health post and school	Lack of rain fall Severity of drought
LEKURA_HAMMA DISIRATE(RURAL)	Construction of terrace on farm land Canal activity for irrigation Pond construction Cooperation of each other	No saving culture Improper use of resource	Dry season road Irrigation access Fish resources in "Awadi" river	Flood from" Awadi" river Conflict Drought
LEKUMA_MEANDI TO & MAESSERA	Good system of conflict resolution through negotiation by elders Cooperation of each other	No saving culture Improper use of resource	Availability of dry season road Availability of School and Health post	Drought Beetles and Worm Animal disease



Data Collected Date

Thursday, September 18, 2014

Region	AFAR	Zone	ZONE 3	Wereda	ARGOBA SPECIAL
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Selected Indicator

Wereda Strengths, weaknesses, opportunitites and treats (SWOT) Analysis

Kebele Name	Strength	Weakness	Opportunity	Threat
HOMECHO DAYO	Cooperation of each other Good level of tolerance	There is no saving habit	Availability of dry season road Availability of School and Health post	Conflict Drought Plant disease
GEBEROCH	Terrace construction on farm land	No saving culture	Access to irrigation water Availability of dry season road	Conflict Drought
DABIREKO	Good level of awareness to send children to school Good system of conflict resolution through negotiation by elders	No saving culture	Land resource Availability of school Availability of dry season road Governmental aid	Conflict Drought Health problem