



**ZIMBABWE LIVESTOCK FOR ACCELERATED RECOVERY AND IMPROVED  
RESILIENCY (ZRR)**

**Quarterly Report**

**October – December 2012**

**Agreement AID-OFDA-G-12-00032**

**USAID/ZIMBABWE**

**OFFICE OF FOREIGN DISASTER ASSISTANCE**

**SOUTHERN AFRICA**

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**TABLE OF CONTENTS**

**ACRONYMS AND ABBREVIATIONS..... IV**

**SECTION I: INTRODUCTION ..... 5**

    PROGRAM OVERVIEW ..... 5

    ADMINISTRATION, OPERATIONS AND CROSSCUTTING ISSUES ..... 5

**SECTION II: PROGRAM ACTIVITIES ..... 6**

    SUMMARY OF PROGRAMME ACTIVITY ACHIEVEMENT ..... 6

    INTERMEDIATE RESULT No.1: INCREASED GOAT PRODUCTION & MARKETING BY VULNERABLE HOUSEHOLDS & COMMUNITIES ..... 6

    INTERMEDIATE RESULT No.2: INCREASED COMMUNITIES' CAPACITY FOR & PRACTICE OF SUSTAINABLE RANGELAND MANAGEMENT ..... 7

    INTERMEDIATE RESULT No. 3: INCREASED CAPACITY OF AND ACCESS TO ANIMAL HEALTH & LIVESTOCK EXTENSION SERVICES..... 8

    OTHER ACHIEVEMENTS ..... 9

**SECTION III: CHALLENGES AND LESSON LEARNED ..... 9**

**SECTION IV: CONCLUSIONS AND NEXT STEPS ..... 9**

    CONCLUSION..... 9

    NEXT STEPS ..... 10

**APPENDIX 1: ACHIEVEMENT OF PLANNED ACTIVITIES, OCT-DEC 2012 ..... 11**

**APPENDIX 2: QUARTERLY PERFORMANCE DATA TABLE ..... 14**

## ACRONYMS AND ABBREVIATIONS

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ACHM	Africa Centre for Holistic Management
CEO	Chief Executive Officer
CLW	Community Livestock Worker
CRS	Catholic Relief Services
EMMP	Environmental Monitoring and Mitigation Plan
GAP	Good Agricultural Practices
HLLM	Holistic Land and Livestock Management
M&E	Monitoring and Evaluation
OFDA	Office of Foreign Disaster Assistance
PMP	Performance Monitoring Plan
PRIZE	Promoting Recovery in Zimbabwe
RDC	Rural District Council
ToT	Training of Trainers
USAID	United States Agency for International Development
ZDL	Zimbabwe Dairy and Livestock Program

## SECTION I: INTRODUCTION

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### PROGRAM OVERVIEW

On May 16, USAID's Office of Foreign Disaster Assistance (OFDA) and Land O'Lakes International Development signed an agreement for Land O'Lakes to implement the Zimbabwe Livestock for Accelerated Recovery and Improved Resiliency (ZRR) project. ZRR aims to combat the negative effects of years of detrimental government policy and severe economic decline in Zimbabwe, which, coupled with a series of droughts and unpredictable rainfall, have decimated the small livestock sector. Through May 15, 2014, ZRR will provide training in livestock production, restock household herds, build community capacity in rangeland management, develop rangeland management plans, revive the livestock infrastructure, and link producers to markets.

Implementation of project activities intensified during the October-December 2012 quarter. Farmer trainings on good goat husbandry practices were rolled out, and the trainers who attended the Training of Trainers (ToT) session at the Africa Centre for Holistic Management (ACHM) began providing training on holistic management practices. Goat restocking was initiated, from which 72 households have already benefitted. A movable kraal has been established in one area, and in the next quarter, 13 more kraals will be distributed. Forty-five Community Livestock Workers (CLWs) were trained and they are now working on vaccinations and treatment of livestock. The project continues to engage stakeholders at ward level.

### ADMINISTRATION, OPERATIONS AND CROSSCUTTING ISSUES

*Administration:* In November, one additional Field Officer was hired to work in Mutare; the project is fully staffed.

*Environmental Compliance & Gender:* During the past quarter, ZRR staff incorporated environmental compliance into project activities, specifically through training farmers on the effects of vaccines and treatment drugs on goat meat, as well as through training on the proper disposal of drug containers, to minimize hazards to humans and the environment. Further, holistic rangeland management activities, a major focus area for the project, aim to preserve the environment and reclaiming the degraded land. The project aims to have 30% of beneficiaries participating in holistic management activities, a target that is expected to be met.

The ZRR project promotes gender equity as a cross-cutting issue and is already showing high levels of women's participation across activities; 47% of CLWs that have been trained so far are women, and 56% of the households trained are female-headed households.

*Monitoring and Evaluation (M&E):* During the past quarter, the M&E team worked to ensure all systems were in place for successful monitoring and data collection over the life of the project. Activities included designing tools for collection of quality, reliable data and the roll out of activity reporting templates.

## SECTION II: PROGRAM ACTIVITIES

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### SUMMARY OF PROGRAMME ACTIVITY ACHIEVEMENT

Activities during the period focused heavily on CLW and farmer training, particularly on the topics of goat housing, dentition, production, nutrition, breeding and Holistic Land and Livestock Management (HLLM). An additional 183 beneficiaries were registered in the current quarter, for a cumulative total of 1,810 beneficiaries, of the 2,000 that will be registered in all. Goat distribution began, and the project established the infrastructure for upcoming goat marketing activities, including the siting of sales pens. The project ramped up rangeland management activities through the siting of movable kraals and engagement with ZRR sub-grantee, the Africa Centre for Holistic Management (ACHM). Quarterly activities implemented were derived from the project annual work plan with adjustment in accordance with field demands at the beginning of the quarter ([See Appendix 1](#)).

#### INTERMEDIATE RESULT NO.1: INCREASED GOAT PRODUCTION & MARKETING BY VULNERABLE HOUSEHOLDS & COMMUNITIES

During the quarter under review, Land O'Lakes provided training to a total of 1,200 individuals from 591 households (202 male-headed and 389 female-headed households); 407 households were trained on goat housing and dentition, 225 on goat production as a business, 405 on goat breeding, 139 on goat nutrition and 539 on rangeland management.

Training on **goat housing** emphasized the construction of well ventilated and durable structures. Goat housing greatly impacts the flock health. Goats need protection from excessive sun and rainfall. In Makoni, a total of 148 goat housing structures have been inspected, and 135 of these meet the standard requirements. While some farmers have been resisting changing their structures, there has been a general improvement in goat housing structures.

The project aims at improving **goat breeding** in the project areas. Indiscriminate breeding was pointed out at baseline as one of the main reasons why there is proliferation of poor breeds in the goat flock. During the past quarter, farmers were trained on management of bucks. 49 farmers in Mangwe district were identified to take care of breeding bucks, and the rest of the bucks will be castrated. This will improve the goat breeding practices in the community.

**Fodder production** for goats is still fairly new in the project areas, and as such, ZRR expects that farmer training through experimental plots and workshops will be required for successful fodder production adoption. 20 fodder demo plots were established across the 10 project sites. Each demonstration plot averages 0.5 hectares and has six different crops (maize, sugar graze, velvet beans, soya beans, cow peas and sun hemp). The demo plots will provide a learning environment showcasing successful Good Agricultural Practices (GAPs) through high yielding crop varieties, fodder conservation methods and livestock benefits of fodder. Due to the late arrival of rains, crops were still at the

germination stage at the end of the quarter, with a germination rate around 90% across all the project sites.

Five **sales pens** out of the target of five were sited and approved by the Local Councils, covering all project sites except for Mangwe District, which already had one constructed by Catholic Relief Services under the Promoting Recovery in Zimbabwe (PRIZE) project. These sales pens will enable formal goat selling with defined marketing structures. Land O'Lakes held meetings with Chief Executive Officers (CEOs) at both Buhera and Makoni Rural District Councils (RDCs) to discuss the possibility of levies on goats bought and resold within the district's wards. The CEOs for both RDCs agreed not to levy the farmers, since the RDCs were benefiting even without levies through the market provision and direct distribution of goats; farmers welcomed this decision.

In order to promote **planned marketing** by producer groups and **restocking** of goats for other households, Land O'Lakes purchased 72 goats (52 in Makoni and 20 in Buhera) out of a target of 1500 goats and distributed the goats to 72 households (43 female-headed and 29 male-headed) out of a target of 600 households. Most of the targeted farmers were not ready to receive goats because the good goat housing structures were not in place. The project felt that construction of proper goat housing structures was a pre-requisite to receiving goats and therefore goat distribution was delayed until these structures are in place; the project expects to increase the number of goats distributed in the coming quarter. In purchasing goats, Land O'Lakes used the live weight price of \$1.80 per kilogram or a minimum price of \$30.00, so as to motivate the sellers on this first round of sales; it was agreed that next year there will be no fixed minimum price. Further, in order to promote good husbandry skills and promote goat health goat beneficiaries were required to contribute US\$5.00 to their group's livestock drug revolving fund.

#### **INTERMEDIATE RESULT NO.2: INCREASED COMMUNITIES' CAPACITY FOR & PRACTICE OF SUSTAINABLE RANGELAND MANAGEMENT**

The trainers that were trained by ACHM during the July - September quarter started rolling out the HLLM methodology to the project sites. A total of 539 individuals (161 males and 378 females) from 309 households (97 male-headed and 212 female-headed) were trained on **HLLM methodology** during the quarter. The trainings used an experiential learning cycle approach, where farmers shared their experiences with bare land and thoughts on its causes. Trainings also included ecological literacy modules, which covered how to achieve abundant water, healthy soil and healthy grass. Facilitators used a solution tree, leading farmers to decide on actions needed to best improve land health and productivity. While the project is still in the early stages of rangeland management activities, farmers were receptive, citing the need to improve their crop yields, livestock productivity and livestock business.

Farmers, local leaders (Chiefs, Village Heads) and government officers are very positive about the prospects of HLLM adoption, despite the resistance that some communities encountered in aggregating their livestock because of fears of spreading disease. ZRR staff members are also confident that challenges will be overcome through additional planned trainings.

One **movable kraal**, which was made of panels with steel frames and fencing wire, was delivered to Buhera district in December 2012. The movable kraal was allocated to Ngwazani Village Rangeland Study Centre for use. The village is home to 20 hectares of degraded rangeland without any grass cover (bare ground). The movable kraal will contribute to land healing through fertilizing and improving the water infiltration rate through hoof action. Farmers welcomed the idea of movable kraals, and they have started kraaling their livestock. Thirteen additional movable kraals will be constructed in the coming quarter- 3 Makoni, 3 Marange, 3 Buhera, 2 Mangwe and 2 Bulilima, for a project total of 14 kraals.

### **INTERMEDIATE RESULT NO. 3: INCREASED CAPACITY OF AND ACCESS TO ANIMAL HEALTH & LIVESTOCK EXTENSION SERVICES**

A total of **45 CLWs** (24 males and 21 females) from Makoni, Mutare Rural and Buhera districts were trained in the current quarter, of the 50 that will be trained over the life of the project. Training covered animal health, goat breeding, goat nutrition, goat production and extension. CLWs participated in a tour of Franklin Farm in Mutare to gain hands-on experience with goat husbandry. Twenty additional CLWs in Bulilima and Mangwe districts will be trained in the coming quarter. This will bring the total number of trained CLWs to 65, exceeding the LoA target. Additional CLWs will benefit the project by reducing travelling distances of the CLWs and hence increase accessibility of services offered by CLWs.

During the quarter, CLWs in Buhera District treated 42 animals for heart water. In Makoni, 1,106 goats were dewormed, 247 goats were treated for tick-borne diseases, and 300 goats were vaccinated against pulpy kidney. This brings the total to 1,695 goats treated during the quarter, out of a target of 620. Additionally, CLWs in Makoni district castrated 40 bucks. There is a high prevalence of diseases during the rainy season, and hence a large number of goats received veterinary intervention, in addition to preventative treatments. The number of treated animals is expected to further increase in the next quarter, once additional CLWs have been trained and equipped.

Several additional activities contributed to improving access to health and livestock extension services and improving livestock health. A total of 241 households (97 males and 144 females) this quarter were trained in preventative animal health. The quarter's trainings covered dipping campaigns and small livestock vaccination across all project sites. Further, Land O'Lakes has been and will continue to encourage farmers to contribute toward the drug revolving fund, which will allow for improved and more affordable access to drugs for the animals. A total of 205 farmers out of the 1,810 farmers registered in the producer group associations paid the drug revolving fund during the quarter. The low number of farmers that have contributed to the drug revolving fund reflects the need to enhance trainings and outreach, which are planned in the coming quarters. All goat producer group members are expected to contribute to the drug revolving fund, and contributions are expected to rise as additional groups are formed and membership grows.

Land O'Lakes, in conjunction with the Rural District Councils, Livestock Production & Development Department, Veterinary Services and the communities managed to secure locations for twelve dip tanks

across all project sites, for which construction will take place in the next quarter. For each of the dip tanks, the community will provide: river and pit sand; secure storage of materials; labor for loading and offloading materials; water; rocks; clearing labor; and general labor as may be requested by the contractor. As water availability is a major concern, especially in Matabeleland Province, all the dip tanks have been sited either near a perennial river or a borehole. In other villages with serious water unavailability during the dry season, a suggestion was made to use sprayers and pour-on; these suggestions are under consideration.

#### **OTHER ACHIEVEMENTS**

During the quarter under review, Land O'Lakes engaged local leadership and government officials at ward levels across the project areas, briefing them of the project intervention and objectives. Buy-in from these stakeholders is vital, as local leaders and government officials are the custodians of the communities in which the project works. Of much interest, the local leadership accepted the HLLM idea and gave Land O'Lakes approval to implement it.

### **SECTION III: CHALLENGES AND LESSON LEARNED**

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The largest challenge for ZRR has been in the implementation of HLLM methodology. Some communities, especially in Mutare and Makoni Districts, are not willing to bring their livestock together in fear of spreading of diseases. To combat this, an exchange visit will be organized next quarter for the local leadership in these areas to visit areas in Chimanimani, where a similar intervention is being successfully implemented by ACIDI-VOCA; it is expected that this will ease the adoption process. Further planned training of the HLLM methodology is also expected to assist in adoption.

Additionally, there has been a delay in the construction of sales pens and dip tanks, as stakeholder consultation took longer than expected. The procurement of construction materials will start in the coming quarter, now that all sites have been approved by the local authorities. The project expects to be fully caught up on these activities by the end of next quarter, so long as the rains cooperate.

### **SECTION IV: CONCLUSIONS AND NEXT STEPS**

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#### **CONCLUSION**

Land O'Lakes is on track with most planned activities. Trainings are progressing on schedule, and through consultation and relationship building, all stakeholders have supported the project. Particular effort will be put towards the implementation of HLLM methodologies, and the construction of goat sales pens and dip tanks.

## **NEXT STEPS**

### **INTERMEDIATE RESULT NO. 1: INCREASED GOAT PRODUCTION & MARKETING BY VULNERABLE HOUSEHOLDS & COMMUNITIES**

- Next quarter, ZRR will complete the registration of the remaining 190 project beneficiaries, to reach the project target of 2,000 beneficiaries.
- Procurement of materials for the sale pens will take place in the next quarter, and construction will begin.
- Goat procurement through the voucher system will be carried out in the 10 project sites.
- Planned goat marketing will take place in all 10 project sites.
- Fodder plot management, harvesting and conservation of fodder crops will be emphasized through training and extension.
- Goat husbandry training will take place prior to large-scale goat distribution.

### **INTERMEDIATE RESULT NO. 2: INCREASED COMMUNITIES' CAPACITY FOR & PRACTICE OF SUSTAINABLE RANGELAND MANAGEMENT**

- Thirteen additional movable kraals will be delivered to the districts in the coming quarter.
- Additional rangeland management training will be conducted, to promote full-community buy-in.
- Farmer training on HLLM methodology will continue.
- Farmers will participate in exchange visits to underscore the potential of the HLLM methodology.
- ACHM will conduct follow up visits to project sites to address challenges in implementing the HLLM methodology.

### **INTERMEDIATE RESULT NO. 3: INCREASED CAPACITY OF AND ACCESS TO ANIMAL HEALTH & LIVESTOCK EXTENSION SERVICES**

- 20 additional CLWs in Matebeleland districts will be trained in goat production and rangeland management.
- Dip tank materials will be procured, and construction will begin.

APPENDIX 1: ACHIEVEMENT OF PLANNED ACTIVITIES, OCT-DEC 2012

INTERVENTION	ACTIVITIES	Planned Activity Timeline						NOTES
		Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	
	ACHM Training							Completed
Liaison & Coordination	Stakeholder Engagement Meetings							Achieved
	Community Mobilisation							Achieved
Rangeland Management	Training of trainers at ACHM							Achieved-6 trainers were trained.
	Training of CLWs in Farm and sustainable rangeland techniques							Not completed; trainings will be done in the coming quarter.
	Refresher training of CLWs in farm and sustainable rangeland techniques							This training was rescheduled for the coming quarter.
	<b>Farmer training</b>							
	Training of farmers in farm and sustainable rangeland techniques							Achieved
	Training farmers on fodder establishment and conservation techniques							Achieved
	Developing grazing management plans							This activity will be continued in the coming quarter; famers still need further training to allay fears of disease spread
	Identification and establishment fodder demo plots							Achieved, 20 demo plots established
	Construction of movable kraals							In progress; one of 14 kraals constructed, and construction of 13 more is planned for next quarter.

Animal Health	Identification and selection of CLWs for training and certification						Achieved - 45 CLWs trained
	<b>CLW Activities</b>						
	Preventative animal health through vaccination of livestock						300 animals vaccinated
	Treatment of sick livestock						Achieved; 1,395 animals treated
	On farm training of farmers on good goat management practices						Achieved
	Refresher training of CLWs on animal health and livestock extension						Achieved
	Monitoring CLW activities						Achieved
Production and Marketing	Beneficiary registration and verification						1,810 out of 2,000 households registered; remaining households will be registered in the coming quarter.
	Farmer group auditing						Achieved
	Trainings of farmers (HH) in production and marketing of livestock						Achieved; 225 trained
	Goat housing						Achieved; 407 individuals trained
	Goat health						Achieved; 241 trained
	Goat dip tank construction						Progressing; siting has occurred, and construction will begin next quarter.
	Goat nutrition						Achieved; 139 trained
	Ear tagging						Not achieved; activity was

								moved to next quarter.
	Goat dehorning							Not achieved; activity was moved to next quarter.
	Goat Castration							405 farmers were trained on the need to castrate and improve breeding practices
	Goat breeding							Achieved; 405 individuals trained
	Kid management							Achieved; 241 individuals trained
	<b>Goat Business Training</b>							
	Setting up and strengthening of goat producer associations							Achieved; 10 groups formed
	Farm business management training							Achieved 225 individuals trained
	<b>Goat marketing</b>							
	Potential goat market analysis							Achieved
	Marketing information and market intelligence for producers and potential goat producers							Achieved
	Goat sales pen construction							In progress; siting of the pens and planning for construction is underway
	<b>Goat Restocking</b>							
	Distribution of goats to households through voucher system.							Goat distribution is underway and will continue next quarter.
	Distribution of goats through pass on scheme.							Goat distribution is underway and will continue next quarter.

## APPENDIX 2: QUARTERLY PERFORMANCE DATA TABLE

Zimbabwe Livestock for Accelerated Recovery and Improved Resiliency		Start Current Year	1 Oct 2012	Start Project	16 May 2012	Year	1	Current Work Plan Start date:			
Agreement No.	AID-OFDA-G-12-00032	End Current Year	30-Sept-13	End Project	15 May 2014	Quarter	1	15 May 2012			
No	Performance Indicator (*)	Unit of Measure	Disaggregation	Remark	Baseline		FY1 - Oct-Dec 2012		Total		Comments
					Year	Value	Target	Actual	Target	Cumulative	
<b>SO: Reduce risk through enhanced institutional and community capacities to respond to and mitigate the effects of disasters, strengthen the resiliency of vulnerable communities, and reduce exposure to hazards through the effective use of goats and rangeland management.</b>											
A	Number of animals benefitting from or affected by livestock activities	Number	Total	Annual Value	2012	0	620	1695	6200	1695	
B	Number of people benefitting from livestock activities	# of individuals	Total, Gender	Annual Value	2012	0	1240	1200	6200	1200	
C	Number of veterinary interventions, treatments or vaccinations administered	Number	Total	Cumulative	2012	0	0	1,695	2000	1695	
D	Number of animals treated or vaccinated	Number	Total	Cumulative	2012	0	0	1695	1500	1695	
E	Number of individuals participating in disaster risk reduction activities	# of individuals	Total, age and gender, type of training, CLW, training of trainers, Farmer training	Cumulative	2012	0	1240	1200	6200	1200	
F	Percentage of beneficiary households with improved productive asset base	Percentage	Total, Gender	Cumulative	2012	0%	0%	10%	60%	10%	

No	Performance Indicator (*)	Unit of Measure	Disaggregation	Remark	Baseline		FY1 - Oct-Dec 2012		Total		Comments
					Year	Value	Target	Actual	Target	Cumulative	
G	Percentage of beneficiary female headed households with improved productive asset base	Percentage	Total	Cumulative	2012	0%	0%	6%	60%	6%	
<b>IR1 Increased goat production asset building and improve access to markets by vulnerable households and communities</b>											
1.1	Number of households trained or receiving technical assistance in goat production and marketing	# of hh	Total, Gender	Annual Value	2012	0	400	407	2000	407	
1.2	Average value of Assets (tools, Livestock, domestic) In targeted Participating Households	US\$	Total	Average	2012	1914	1914		2070		No other surveys were completed after the baseline, which was done in July. This indicator is measured annually.
1.3	Number of households receiving goats from the program and participating in producer groups	Number	Total, gender	Annual Value	2012	0	0	72	600	72	
1.4	Number of goat producer groups formed or strengthened	Number	Total	Annual Value	2012	0	5	10	10	10	Surpassed target. 10 producers groups were formed in the 10 project sites because the farmers were too many to be managed under 5 producer groups
1.5	Proportion of producer group membership comprised of females	Percentage	Total, gender	Cumulative	2012	0	20%	55%	30%	55%	
1.6	Number of producer groups linked to markets	Number	Total	Annual Value	2012	0	0	5	10	5	
<b>IR2: Increased communities' capacity for and practice of sustainable rangeland management</b>											
2.1	Number of CLW's trained in farm and sustainable rangeland management	# of individuals	Total, gender	Annual Value	2012	0	50	45	50	45	

No	Performance Indicator (*)	Unit of Measure	Disaggregation	Remark	Baseline		FY1 - Oct-Dec 2012		Total		Comments
					Year	Value	Target	Actual	Target	Cumulative	
	techniques										
2.2	Number of individuals trained in improved farm and rangeland management techniques	# of individuals	Total, gender, type of training, CLW, training of trainers, Farmer training	Annual Value	2012	0	1240	539	6200	539	A few farmers were attending trainings in the past quarter because some of them were busy working in the fields with the advent of the rains
2.3	Number of grazing management plans developed and utilized by communities	Number	Total	Annual Value	2012	0	0	0	6	0	
2.4	Communities applying improved farm and sustainable rangeland management techniques	Number	Total	Annual Value	2012	0	0	1	6	1	
2.5	Number of hectares (ha) under improved land management	Number	Total	Cumulative	2012	100	100	20	2000	20	Farmers need more training to understand the advantages of the HLLM
2.6	Percentage of community farmers applying improved farm and sustainable rangeland management techniques	Percentage	Total, gender	Cumulative	2012	0	0%	17%	50%	17%	
<b>IR3: Increased capacity of and access to animal health and livestock extension services</b>											
3.1	Number of CLW's trained	# of individuals	Total, gender	Annual Value	2012	0	0	45	50	45	
3.2	Percentage of CLWs utilizing their training and skills to train farmers	#of individuals	Total, gender	Cumulative	2012	0	0%	23%	60%	23%	Some CLWs that have been trained are still awaiting vet kits.

No	Performance Indicator (*)	Unit of Measure	Disaggregation	Remark	Baseline		FY1 - Oct-Dec 2012		Total		Comments
					Year	Value	Target	Actual	Target	Cumulative	
3.3	Number of women responsible for making household decisions in veterinary care and management of their goats	# of individuals	Total	Cumulative	2012	1891	1891		2480		No other surveys were completed after the baseline, which was done in July. This indicator is measured annually.
3.4	Number of households served by CLWs	# of HH	Total, gender	Annual Value	2012	0	0	250	2000	250	