

Survey #2: Spatially distributed household survey

All responses should refer to damage in the 2016 calendar year **ONLY**

Section 1. Respondent Characteristics Information					
Village					
Age					
Gender	M <input type="checkbox"/>	F <input type="checkbox"/>			
Ethnicity					
Education (highest level completed)	None <input type="checkbox"/>		Primary <input type="checkbox"/>		
	O-level <input type="checkbox"/>		A-level <input type="checkbox"/>		
	Post-secondary <input type="checkbox"/>				
Were you born in either Bunda or Serengeti Districts?	Yes <input type="checkbox"/>		No <input type="checkbox"/>		
Household size (number of individuals living in compound for 6 months or more out of the year)					
Household composition – Include number of all that apply	Young boys (less than 10 years old)		Adolescent boys (10-17)		Men (18+)
	Young girls (less than 10 years old)		Adolescent girls (10-17)		Women (18+)
In 2016 how often did you experience uncertainty over whether the household food supply would be enough to meet basic needs?	1 <input type="checkbox"/> (never uncertain)	2 <input type="checkbox"/> (rarely uncertain)	3 <input type="checkbox"/> (sometimes uncertain)	4 <input type="checkbox"/> (often uncertain)	5 <input type="checkbox"/> (always uncertain)
In 2016 how often did you sell household possessions that you did not wish to in order to support your household?	Never <input type="checkbox"/>	Once or twice <input type="checkbox"/>	A few times (3-4) <input type="checkbox"/>	Frequently (several times) <input type="checkbox"/>	
Section 2. General Information					
In 2016 did you farm crops?	Yes <input type="checkbox"/>			No <input type="checkbox"/>	
In 2016 did you keep livestock?	Yes <input type="checkbox"/>			No <input type="checkbox"/>	
In 2016, what types of conflict with wildlife did your household experience? <i>* med/large = cattle, sheep, goat, donkey, dog</i> <i>** small – chicken, duck</i>	Crop damage <input type="checkbox"/>	Livestock injury (med / large) <input type="checkbox"/>		Livestock death (med / large) <input type="checkbox"/>	Livestock injury (small) <input type="checkbox"/>
	Livestock death (small) <input type="checkbox"/>	Structural damage <input type="checkbox"/>	Human injury <input type="checkbox"/>	Human death <input type="checkbox"/>	No conflict <input type="checkbox"/>
Section 3. Farming practice questions					

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Which of these threats do you consider as the greatest threat to successful crop production?	Damage by wildlife <input type="checkbox"/>	Weather (eg drought) <input type="checkbox"/>	Disease <input type="checkbox"/>
	Soil health <input type="checkbox"/>	Labor requirements <input type="checkbox"/>	
What is the estimated total size of your farm, in acres?			
Can you see your fields from your home?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
How long does it take you to walk from your home to your fields?	0-15 minutes <input type="checkbox"/>	15-30 minutes <input type="checkbox"/>	30-45 minutes <input type="checkbox"/>
	45 minutes – 1 hour <input type="checkbox"/>	More than 1 hour <input type="checkbox"/>	
In 2016 how many months out of the year were you actively cultivating crops?	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
In 2016, how many unique crop types did you plant?	7 <input type="checkbox"/>	8 <input type="checkbox"/>	9 <input type="checkbox"/>
	10 <input type="checkbox"/>	11 <input type="checkbox"/>	12 <input type="checkbox"/>
What crop protection strategies do you use?	Guarding <input type="checkbox"/>	Fire <input type="checkbox"/>	Shouting <input type="checkbox"/>
	Chasing <input type="checkbox"/>	Playing music <input type="checkbox"/>	Sisal <input type="checkbox"/>
	Bee hive fence <input type="checkbox"/>	Wire fence <input type="checkbox"/>	Chili pepper fence <input type="checkbox"/>
	Dogs <input type="checkbox"/>	Other <input type="checkbox"/>	None <input type="checkbox"/>
What other crop protection strategies do you use?			
Section 4. Crop damage questions			
Which wildlife species have you observed damaging your crops in 2016? *** <i>limit to mammals</i>	Baboon <input type="checkbox"/>	Buffalo <input type="checkbox"/>	Elephant <input type="checkbox"/>
	Hippo <input type="checkbox"/>	Other <input type="checkbox"/>	
Name other			
What species are you most concerned about damaging crops?	Baboon <input type="checkbox"/>	Buffalo <input type="checkbox"/>	Elephant <input type="checkbox"/>
	Hippo <input type="checkbox"/>	Other <input type="checkbox"/>	
Name other			
In 2016, when elephants damaged crops, did you report the incident to the local authorities (VAO or VEO)?	Yes – always (100%) <input type="checkbox"/>	Yes – often (75%) <input type="checkbox"/>	Yes – sometimes (50%) <input type="checkbox"/>
	Yes – rarely (25%) <input type="checkbox"/>	No – never (0%) <input type="checkbox"/>	
Section 5. Livestock Practice Questions			
What types of livestock do you own that are housed and cared for on your local property? (select all that apply)	Cattle <input type="checkbox"/>	Sheep <input type="checkbox"/>	Goat <input type="checkbox"/>
	Dog <input type="checkbox"/>	Chicken <input type="checkbox"/>	Duck <input type="checkbox"/>
			Donkey <input type="checkbox"/>
			Other <input type="checkbox"/>

Number of cattle owned				
Number of sheep owned				
Number of goats owned				
Number of donkeys owned				
Number of dogs owned				
Number of chickens owned				
Number of ducks owned				
Number of other livestock owned				
Which of these threats do you consider as the greatest threat to successful livestock production?	Damage by wildlife <input type="checkbox"/>	Weather (eg drought) <input type="checkbox"/>	Disease <input type="checkbox"/>	
	Availability of grazing land <input type="checkbox"/>	Theft <input type="checkbox"/>	Low productivity <input type="checkbox"/>	
Which of these strategies do you use to prevent wildlife from damaging small livestock? <i>* small = chicken, duck</i>	Guarding - day <input type="checkbox"/>	Keeping contained – day <input type="checkbox"/>	Dogs – day <input type="checkbox"/>	Other - day <input type="checkbox"/>
	Guarding - night <input type="checkbox"/>	Keeping contained – night <input type="checkbox"/>	Dogs – night <input type="checkbox"/>	Other – night <input type="checkbox"/>
	None – day <input type="checkbox"/>	None – night <input type="checkbox"/>		
Describe other strategies used during the day (small)				
Describe other strategies used during the night (small)				
Which of these strategies do you use to prevent wildlife from damaging medium or large livestock?	Guarding - day <input type="checkbox"/>	Keeping contained – day <input type="checkbox"/>	Dogs – day <input type="checkbox"/>	Other - day <input type="checkbox"/>
	Guarding - night <input type="checkbox"/>	Keeping contained – night <input type="checkbox"/>	Dogs – night <input type="checkbox"/>	Other – night <input type="checkbox"/>
	None – day <input type="checkbox"/>	None – night <input type="checkbox"/>		
Describe other strategies used during the day (med/large)				
Describe other strategies used during the night (med/large)				
Who is responsible for guarding med/large livestock during the day?	Young boys (less than 10 years old) <input type="checkbox"/>	Adolescent boys (10-17) <input type="checkbox"/>	Men (18+) <input type="checkbox"/>	
	Young girls (less than 10 years old)	Adolescent girls (10-17) <input type="checkbox"/>	Women (18+) <input type="checkbox"/>	

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	<input type="checkbox"/>		
How many people typically guard med/large livestock at a single time during the day?			
Who is responsible for guarding med/large livestock during the night?	Young boys (less than 10 years old) <input type="checkbox"/>	Adolescent boys (10-17) <input type="checkbox"/>	Men (18+) <input type="checkbox"/>
	Young girls (less than 10 years old) <input type="checkbox"/>	Adolescent girls (10-17) <input type="checkbox"/>	Women (18+) <input type="checkbox"/>
How many people typically guard med/large livestock at a single time during the night?			
Section 6. Small-sized Livestock Damage Questions			
Which types of small-sized livestock were damaged in 2016?	Chicken <input type="checkbox"/>	Duck <input type="checkbox"/>	Other <input type="checkbox"/>
How many chickens were lost to wildlife? (Estimate)			
How many ducks were lost to wildlife? (Estimate)			
How many other small livestock were lost to wildlife? (Estimate)			
In 2016, which wildlife species damaged small-sized livestock belonging to your household?	Jackal <input type="checkbox"/>	Honey badger <input type="checkbox"/>	Weasel <input type="checkbox"/>
	Civet <input type="checkbox"/>	Genet <input type="checkbox"/>	Mongoose <input type="checkbox"/> Other <input type="checkbox"/>
Name other			
What species are you most concerned about damaging small-size livestock?	Jackal <input type="checkbox"/>	Honey badger <input type="checkbox"/>	Weasel <input type="checkbox"/>
	Civet <input type="checkbox"/>	Genet <input type="checkbox"/>	Mongoose <input type="checkbox"/> Other <input type="checkbox"/>
Name other			
Section 7. Medium and Large-sized Livestock Damage Questions			
Which types of medium and large size livestock were damaged in 2016?	Cattle <input type="checkbox"/>	Goat <input type="checkbox"/>	Other <input type="checkbox"/>
	Sheep <input type="checkbox"/>	Dog <input type="checkbox"/>	Donkey <input type="checkbox"/>
How many cattle were lost to wildlife?			
How many sheep were lost to wildlife?			
How many goats were lost to wildlife?			

How many donkeys were lost to wildlife?			
How many dogs were lost to wildlife?			
How many other medium and large livestock were lost?			
In 2016, which wildlife species contributed to the loss of medium and large sized livestock belonging to your household?	Elephant <input type="checkbox"/>	Hyena <input type="checkbox"/>	Leopard <input type="checkbox"/>
	Lion <input type="checkbox"/>	Other <input type="checkbox"/>	
Name other			
What species are you most concerned about damaging medium and large size livestock?	Elephant <input type="checkbox"/>	Hyena <input type="checkbox"/>	Leopard <input type="checkbox"/>
	Lion <input type="checkbox"/>	Other <input type="checkbox"/>	
Name other			
When elephants damaged medium and large sized livestock, how often did you report the incident to the local authorities (eg. VAO or VEO)?	Always (100%) <input type="checkbox"/>	Often (75%) <input type="checkbox"/>	Sometimes (50%) <input type="checkbox"/>
	Rarely (25%) <input type="checkbox"/>	Never (0%) <input type="checkbox"/>	
When hyenas damaged medium and large sized livestock, how often did you report the incident to the local authorities (eg. VAO or VEO)?	Always (100%) <input type="checkbox"/>	Often (75%) <input type="checkbox"/>	Sometimes (50%) <input type="checkbox"/>
	Rarely (25%) <input type="checkbox"/>	Never (0%) <input type="checkbox"/>	
When lions damaged medium and large sized livestock, how often did you report the incident to the local authorities (eg. VAO or VEO)?	Always (100%) <input type="checkbox"/>	Often (75%) <input type="checkbox"/>	Sometimes (50%) <input type="checkbox"/>
	Rarely (25%) <input type="checkbox"/>	Never (0%) <input type="checkbox"/>	
When leopards damaged medium and large sized livestock, how often did you report the incident to the local authorities (eg. VAO or VEO)?	Always (100%) <input type="checkbox"/>	Often (75%) <input type="checkbox"/>	Sometimes (50%) <input type="checkbox"/>
	Rarely (25%) <input type="checkbox"/>	Never (0%) <input type="checkbox"/>	
Section 8. Structural Damage Questions			
What species were responsible for the structural	Baboon <input type="checkbox"/>	Buffalo <input type="checkbox"/>	Elephant <input type="checkbox"/>
	Hippo <input type="checkbox"/>	Hyena <input type="checkbox"/>	Leopard <input type="checkbox"/>

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damage?	Lion <input type="checkbox"/>	Other <input type="checkbox"/>	
Name other			
Section 9. Location			
Location	Longitude		
	Latitude		
	Accuracy		