



IDENTIFICATION						
Visit	Cluster number			Household number		Household extension
2						0

REPUBLIC OF NIGER
Fraternity – Labor - Progress
Ministry of Finance
National Institute of Statistics

**NATIONAL SURVEY ON HOUSEHOLD LIVING CONDITIONS
AND AGRICULTURE 2010-2011**

**QUESTIONNAIRE ON AGRICULTURE AND
LIVESTOCK – SECOND VISIT**

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INSTITUTE OF STATISTICS
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**The information contained in this questionnaire is confidential and will be used
only for producing statistics conforming to law No. 2004-011 of 30 march 2004.**

First and last name of household head: _____

Address of household head: _____

This English version is provided for convenience only. The official version is the French version which was administered by the INS. The French version should be used when analyzing the data collected in the survey. PUBLIC DISCLOSURE AUTHORIZED

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SECTION 0 : CONTROL INFORMATION

1	Team number	Code		
2	Interviewer : First and Last Name	Code		

		Date			Time		Result code
		Day	Month	Year	Hour	Minute	
3	Date and time of start of interview						
4	Date and time of end of interview						
5	Result of household interview						
6	Result of agriculture questionnaire interview						

Result codes

- 1=Completed with selected household
- 2=Completed with replacement household - refusal
- 3=Completed with replacement household - absence
- 4=Incomplete
- 5=Refusal
- 6=Absent

7	Date of correction in the field	DD/MM/YY					
8	Controller : First and Last name	Code					
9	Date of final check in the field	DD/MM/YY					

21	GPS Codes	Latitude	N				
		Longitude	E				

SECTION 1 : AGRICULTURE – ACCESS TO LAND

Did this household complete an agriculture questionnaire during the first visit? 1=Yes ► 1.3 2=No	Nevertheless did at least one member of the household work in agriculture? 1=Yes 2=No ► Section 4	Why was an agriculture questionnaire not administered during the first visit? 1=Forgot ► Visit 1 2=Respondent absent ► Visit 1 3=New member of household ► Section 4	Copy questions 1.3, 1.4, 1.5, 1.6 et 1.9 of the first visit agriculture questionnaire (Section 1). If the information from 1.6, 1.7 et 1.9 is not filled in, it is necessary to fill them in. Begin the interview from question 1.10								
			FIELD NUMBER	Field name (locality) Complete this question for all the fields, then for each field, enumerate all the parcels before going to the next line.	PARCEL NUMBER	GPS coordinates for the parcel		Size of the parcel	How far (in km) is the parcel located from the family dwelling ?	What method of transport do you usually use to go back and forth ? 1=On foot 2=Bicycle 3=Moto 4=Car 5=Cart 6=Donkey 7=Other	How long (in minutes) does it take to go from the family dwelling to this parcel using the method of transport from question 1.11?
						Longitude (E)	Latitude (N)				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.3	1.4	1.5	1.6	1.7	1.9	1.10	1.11	1.12

SECTION 1 : AGRICULTURE – ACCESS TO LAND (CONT'D)

FIELD NUMBER	Field name (locality) Complete this question for all the fields, then for each field, enumerate all the parcels before going to the next line.	PARCEL NUMBER	Have you ever had a conflict related to this parcel ? 1=Yes 2=No ▶ Section 2A	In what year was the most recent conflict relative to this parcel ?	What was the principal reason for the conflict? 1=Boundaries of the parcel 2=Property: inheritance problem 3=Property: problem of sharing 4=Property: problem of sales 5=Property: mortgage problem 6=Problem with livestock breeders 7=Other	With whom did you have this conflict? 1=A household member 2=Family member 3=Neighbor in the village 4= Other person	Did the conflict interfere with your activities on the parcel ? 1=Yes 2=No ▶ 1.57	For how many years has this conflict prevented you from developing this parcel ?	Is the conflict resolved? 1=Yes 2=No ▶ Section 2A	How was the conflict resolved? 1=Directly with the person 2=Within the family 3=By the traditional authorities 4=In the courts
1.3	1.4	1.5	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58

SECTION 2 : AGRICULTURE – RAINY SEASON CULTIVATION
SECTION 2A (CONT'D). INPUTS AND LABOR USED DURING THE RAINY SEASON

(Refer to the ID numbers of the same parcels from the first visit as shown in Section 1 above)

F I E L D N U M B E R	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	P A R C E L N U M B E R	Was this parcel worked during the rainy season by the household or one of its members? 1=Yes 2=No ▶ Next parcel	Family labor used on the parcel											
				Write the ID number of each household member who worked on the parcel and the total number of days worked (Days) during the period of the preparation of the soil (clearing, burning, fertilizing, etc.) and before planting											
				Planting and maintenance of the plot (tillage, thinning, use of fertilizers, pesticides, etc.).											
				ID	DAYS	ID	DAYS	ID	DAYS	ID	DAYS	ID	DAYS	ID	DAYS
2A.1	2A.2	2A.3	2A.4	2A.28a	2A.28b	2A.29a	2A.29b	2A.30a	2A.30b	2A.31a	2A.31b	2A.32a	2A.32b	2A.33a	2A.33b

SECTION 2A(CONT'D). INPUTS AND LABOR USED DURING THE RAINY SEASON

(Refer to the previous page for the ID numbers of the parcels)

F I E L D N U M B E R	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	P A R C E L N U M B E R	Non family labor (Gayya or Bogou) – Planting and maintenance of the plot (tillage, thinning, use of fertilizers, pesticides, etc.)				Non family labor (Other) – Planting and maintenance of the plot (tillage, thinning, use of fertilizers, pesticides, etc.)					
			Did you use any mutual labor (Gayya, Bogou) on this plot during the planting season or before the harvest? 1=Yes 2=No ▶ 2A.35a	How many days in total did these people work on this activity on this parcel?			How much did you pay in cash or in kind to these workers? (In FCFA)	Did you use any non-family labor on this plot during the planting season or before the harvest? 1=Yes 2=No ▶ 2A.36a	How many days in total did these people work on this activity on this parcel?			How much did you pay in cash and in kind to these people? (In FCFA)
				Men (15 years and older)	Women (15 years and older)	Children (Less than 15 years)			Men (15 years and older)	Women (15 years and older)	Children (Less than 15 years)	
2A.1	2A.2	2A.3	2A.34a	2A.34b	2A.34c	2A.34d	2A.34e	2A.35a	2A.35b	2A.35c	2A.35d	2A.35e

SECTION 2A. INPUTS AND LABOR USED DURING THE RAINY SEASON

(Refer to the ID numbers of the same parcels from the first visit as shown in Section 1 above)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Family labor used on the parcel											
			Write the ID number of each household member who worked on the parcel and the total number of days worked (Days)											
			Harvest											
			ID	DAYS	ID	DAYS	ID	DAYS	ID	DAYS	ID	DAYS	ID	DAYS
2A.1	2A.2	2A.3	2A.36a	2A.36b	2A.37a	2A.37b	2A.38a	2A.38b	2A.39a	2A.39b	2A.40a	2A.40b	2A.41a	2A.41b

SECTION 2A(CONT'D). INPUTS AND LABOR USED DURING THE RAINY SEASON

(Refer to the ID number of the same parcels from the first visit as recorded in Section 1 above)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Non family labor (Gayya or Bogou) – Harvest					Non family labor (Other) – Harvest				
			Did you use any mutual labor (Gayya, Bogou) on this plot during the harvest period? 1=Yes 2=No ▶ 2A.43a	How many days in total did these people work on this activity on this parcel?			How much did you pay in cash or in kind to these workers? (In FCFA)	Did you use any non-family labor on this plot during the harvest period? 1=Yes 2=No ▶ Next parcel	How many days in total did these people work on this activity on this parcel?			How much did you pay in cash or in kind to these workers? (In FCFA)
				Men (15 years and older)	Women (15 years and older)	Children (Less than 15 years)			Men (15 years and older)	Women (15 years and older)	Children (Less than 15 years)	
2A.1	2A.2	2A.3	2A.42a	2A.42b	2A.42c	2A.42d	2A.42e	2A.43a	2A.43b	2A.43c	2A.43d	2A.43e

SECTION 2D : OTHERS CHARGES RELATIVES AUX ACTIVITES AGRICOLES DE SAISON DES PLUIES

Item	Code	During the rainy season (June 2011-December 2011) and in the course of your agricultural activities, did you incur of the following costs [Name] ? 1=Yes 2=No ► next line	How many times did you incur these costs during the 2011 rainy season ?	How much did you pay on average each time? (In FCFA)	How did you finance the majority of the cost for this acquisition ? 1 = Cash 2 = Bank credit/IMF 3 = Supplier credit 4= Tontine credit 5= Other (specify)
2D.1	2D.2	2D.3	2D.4	2D.5	2D.6
Packaging	1				
Fuel and lubricants	2				
Water	3				
Electricity	4				
Insurance premiums	5				
Interest paid	6				
Taxes	7				
Royalties	8				
Transport	9				

SECTION 2E. RAINY SEASON PRODUCTION BY TYPE OF CROP

(Refer to Section 1 for the ID numbers of the parcels that the household currently uses itself)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Was this parcel worked during the rainy season by the household or one of its members? 1=Yes 2=No (Refer to Section 2A)	Crop name	Crop code (See page 15)	How much of this product did you harvest on this plot?			Did you lose a part of the production before the harvest ? 1=Yes 2=No ▶ 2E.11	What percentage of the production did you lose before the harvest ?	What was the principal reason for the los ? 1=Insect and bird attacks 2=Plant illness 3=Drought 4=Flood 5=Theft 6=Destruction by animals 7=Unable to plow after planting 8=Other	Did you sell a part of your harvest ? 1=Yes 2=No ▶ 2E.18
						Quantity in unit	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche	Quantity in Kgs				
2E.1	2E.2	2E.3	2E.4	2E.5	2E.6	2E.7a	2E.7b	2E.7c	2E.8	2E.9	2E.10	2E.11

SECTION 2E. RAINY SEASON PRODUCTION BY TYPE OF CROP

(Refer to Section 1 for the ID numbers of the parcels that the household currently uses itself)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Was this parcel worked during the rainy season by the household or one of its members? 1=Yes 2=No (Refer to Section 2A)	Crop Name	What quantity of the harvest from this parcel did you sell ? If 0 ▶ 2E.18			What is the amount received from the sale of this product? (in FCFA)	To whom did you principally sell? 1=State 2=Domestic private operators 3=Foreign private operators 4=Local market 5=Neighbor/relative 6= Cooperative 7=Other	How many times did you sell this product ?	How much did you spend on average for transport, handling and other charges for each sale? (In FCFA)	Who controls the revenues that you earned from this sale ? (ID number of the person)
					Quantity in unit	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche	Quantity in Kgs					
2E.1	2E.2	2E.3	2E.4	2E.5	2E.12a	2E.12b	2E.12c	2E.13	2E.14	2E.15	2E.16	2E.17

SECTION 2E. RAINY SEASON PRODUCTION BY TYPE OF CROP

(Refer to Section 1 for the ID numbers of the parcels that the household currently uses itself)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Was this parcel worked during the rainy season by the household or one of its members? 1=Yes 2=No (Refer to Section 2A)	Crop name	Have you processed a part of your harvest for sale or household consumption? 1=Yes 2=No ► 2E.20a	How much of the product was processed?		For the part that you processed and sold, what is the value of the sale ? (In FCFA)	How much of the produce has already been consumed by the household ?	
						Quantity in unit	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche		Quantity in unit If 0 ► 2E.21a	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche
2E.1	2E.2	2E.3	2E.4	2E.5	2E.18	2E.19a	2E.19b	2E.19c	2E.20a	2E.20b

SECTION 2E. RAINY SEASON PRODUCTION BY TYPE OF CROP

(Refer to Section 1 for the ID numbers of the parcels that the household currently uses itself)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Was this parcel worked during the rainy season by the household or one of its members? 1=Yes 2=No (Refer to Section 2A)	Crop name	How much of this product was given as gifts to other households ?		How much of this product have you stored for seeds?		How much of this produce have you stored for animal feed or other uses?	
					Quantity in unit If 0 ► 2E.22a	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche	Quantity in unit If 0 ► 2E.23a	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche	Quantity in unit If 0 ► 2E.24	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche
2E.1	2E.2	2E.3	2E.4	2E.5	2E.21a	2E.21b	2E.22a	2E.22b	2E.23a	2E.23b

SECTION 2E. RAINY SEASON PRODUCTION BY TYPE OF CROP

(Refer to Section 1 for the ID numbers of the parcels that the household currently uses itself)

FIELD NUMBER	What is the name of the field (locality) ? Complete this column for all fields, then for each field, enumerate all the parcels going to the next line	PARCEL NUMBER	Was this parcel worked during the rainy season by the household or one of its members? 1=Yes 2=No (Refer to Section 2A)	Crop name	Do you have this [CROP] in stock right now? 1=Yes 2=No ► next line	What is the principal method you use to stock this crop? 1=Silo in the village 2=Silo outside of the village 3=Warehouse 4=Shed 5=Roof of the house 6=Other	Have you taken measures to protect the harvest you have stocked? 1=Yes 2=No ► 2E.28	What measure for the protection of the harvest have you taken? 1= Spraying 2= Smoking 3=Stored in cans 4=Mixed with compressed plant health products 5=Use of plastic sacks 6= Others (specify)	What is the principal goal for the stocks of [CROP]? 1=Autoconsommation 2=Sale when the prices are higher 3= Seeds 4= Others (specify)	How much [CROP] harvested during the 2011 rainy season do you have in stock?		How many months do you think this quantity of stocked [CROP] will last? If less than one month, write 0
										Quantity en UML	Unit 1=Kg 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 08=100 Kg sack 9=Basket 10=Unit 11=Planche	
2E.1	2E.2	2E.3	2E.4	2E.5	2E.24	2E.25	2E.26	2E.27	2E.28	2E.29a	2E.29b	2E.30

CROP CODES

Code	Crop	Code	Crop	Code	Crop	Code	Crop
01	Millet	13	Sesame	25	Melon	37	Green beans
02	Sorghum	14	Cassava	26	Watermelon	38	Gourd
03	Paddy rice	15	Sweet potato	27	Lettuce	39	Radish
04	Maize	16	Potato	28	Cabbage	40	Turnip
05	Souchet	17	Pepper	29	Tomato	41	Leeks
06	Wheat	18	Ginger	30	Carrot	42	Amarante (Tchapata)
07	Fonio	19	Cloves	31	Jaxatu	43	Cotton
08	Cowpeas	20	Mint	32	Eggplant	44	Beets
09	Voandzou	21	Spinach	33	Onion	45	Peas
10	Peanuts	22	Celery	34	Cucumber	46	Taro
11	Gombo	23	Parsley	35	Squash	47	Yams
12	Sorrel	24	Spice (pepper)	36	Garlic	48	Other (specify)

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			During the course of the last 12 months, did the household possess or raise [...] (even if these animals are not currently in the concession) ? 1=Yes 2=No ▶ next line	What are the two principal reasons why the household possessed or raised these [...]? 1=Generate revenue 2=Milk consumption 3=Meat consumption 4=To use for festivals and ceremonies (Tabaski, Ramadan, etc.) 5=Cope with lowered agricultural revenues 6=Traditional activity in the household or family 7=Transport, racing 8=Works (rural, drainage) 9=Other (specify)	Does the household possess [...] that it has placed in other households ? 1=Yes 2=No ▶ 4A.11	How many [...] has the household placed in other households?	what is the principal reason that the household has placed the [...] in other households? 1=Help a relative to have their own animal 2=Insufficient pasturage 3=Placed the animal with a specialist breeder 4=Genetic improvement 5=Insecurity, theft 6=Other (specify)	How many [...] belong to the household itself? (Write 0 if none) If 0 ▶ 4A.16	Who are the principal owners of the [...] that belong to the household? (Provide up to 2 persons in order of importance; Write 98 if the animals belong to the whole household equally; Write 98 if the animals belong to the entire household and there are more than two members)				
□	□	Species/Categories of animals	CODE	CODE	First	Second	CODE	Number	CODE	Number	Name	ID Code	Name	ID Code
4A.1	4A.2	4A.3	4A.4	4A.5	4A.6	4A.7	4A.8	4A.9	4A.10	4A.11	4A.12	4A.13	4A.14	4A.15
		LOCAL BREEDS												
		Ox	111											
		Bull	121											
		Cow	131											
		Young Bull/Young Cow	141											
		Heifer	151											
		Calif	161											
		Sheep/Ram	211											
		Ewe	221											
		Billy goat	231											
		Female goat	241											
		Male Camel	311											
		Female camel	321											
		Young camel	331											
		Donkey	411											
		Horse	511											
		Pig	611											
		Hen/local chicken	711											
		Guinea fowl	811											
		Other birds	911											

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			During the course of the last 12 months, did the household possess or raise [...] (even if these animals are not currently in the concession) ? 1=Yes 2=No ▶ next line	What are the two principal reasons why the household possessed or raised these [...]? 1=Generate revenue 2=Milk consumption 3=Meat consumption 4=To use for festivals and ceremonies (Tabaski, Ramadan, etc.) 5=Cope with lowered agricultural revenues 6=Traditional activity in the household or family 7=Transport, racing 8=Works (rural, drainage) 9=Other (specify)	Does the household possess [...] that it has placed in other households ? 1=Yes 2=No ▶ 4A.11	How many [...] has the household placed in other households?	what is the principal reason that the household has placed the [...] in other households? 1=Help a relative to have their own animal 2=Insufficient pasturage 3=Placed the animal with a specialist breeder 4=Genetic improvement 5=Insecurity, theft 6=Other (specify)	How many [...] belong to the household itself? (Write 0 if none) If 0 ▶ 4A.16	Who are the principal owners of the [...] that belong to the household? (Provide up to 2 persons in order of importance; Write 98 if the animals belong to the whole household equally; Write 98 if the animals belong to the entire household and there are more than two members)				
□	□	Species/Categories of animals	CODE	CODE	First	Second	CODE	Number	CODE	Number	Name	ID Code	Name	ID Code
4A.1	4A.2	4A.3	4A.4	4A.5	4A.6	4A.7	4A.8	4A.9	4A.10	4A.11	4A.12	4A.13	4A.14	4A.15
		RACES CROISEES / EXOTIQUES												
		Ox	112											
		Bull	122											
		Cow	132											
		Young Bull/Young Cow	142											
		Heifer	152											
		Calf	162											
		Sheep/Ram	212											
		Ewe	222											
		Billy goat	232											
		Female goat	242											
		Pig	621											
		Laying hens	721											
		Breeding chickens	722											

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			During the course of the last 12 months, did the household raise [...]; either owned by the household or placed there by other households? 1=Yes 2=No ▶ next line	Who are the members of the household who are responsible for the maintenance of the [...] raised by the household and how much time do these individuals give to this activity? (Provide up to 4 individuals) For each individual, provide: In the first column, the ID Code, In the second column the number of months the individual worked on this activity during the last 12 months, In the third column, the number of days on average per month that the individual worked at the activity, In the fourth column the number of hours on average per day that the individual worked on this activity																How many animals were placed by other households ? (Write 0 if none) If 0 ▶ 4A.38
					First person				Second person				Third person				Fourth person				
□	□	Species/Categories of animals	CODE	CODE	ID Code	Month	Day	Hours	ID Code	Month	Day	Hours	ID Code	Month	Day	Hours	ID Code	Month	Day	Hours	Number
4A.1	4A.2	4A.3	4A.4	4A.16	4A.17	4A.18	4A.19	4A.20	4A.21	4A.22	4A.23	4A.24	4A.25	4A.26	4A.27	4A.28	4A.29	4A.30	4A.31	4A.32	4A.33
LOCAL BREEDS																					
Ox																					
Bull																					
Cow																					
Young Bull/Young Cow																					
Heifer																					
Calf																					
Sheep/Ram																					
Ewe																					
Billy goat																					
Female goat																					
Wale Camel																					
Female camel																					
Young camel																					
Donkey																					
Horse																					
Pig																					
Hen/local chicken																					
Guinea fowl																					
Other birds																					

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			During the course of the last 12 months, did the household raise [...]; either owned by the household or placed there by other households? 1=Yes 2=No ▶ next line	Who are the members of the household who are responsible for the maintenance of the [...] raised by the household and how much time do these individuals give to this activity? (Provide up to 4 individuals) For each individual, provide: In the first column, the ID Code, In the second column the number of months the individual worked on this activity during the last 12 months, In the third column, the number of days on average per month that the individual worked at the activity, In the fourth column the number of hours on average per day that the individual worked on this activity																How many animals were placed by other households ? (Write 0 if none) If 0 ▶ 4A.38
					First person				Second person				Third person				Fourth person				
□	□	Species/Categories of animals	CODE	CODE	ID Code	Month	Day	Hours	ID Code	Month	Day	Hours	ID Code	Month	Day	Hours	ID Code	Month	Day	Hours	Number
4A.1	4A.2	4A.3	4A.4	4A.16	4A.17	4A.18	4A.19	4A.20	4A.21	4A.22	4A.23	4A.24	4A.25	4A.26	4A.27	4A.28	4A.29	4A.30	4A.31	4A.32	4A.33
		RACES CROISEES / EXOTIQUES																			
		Ox	112																		
		Bull	122																		
		Cow	132																		
		Young Bull/Young Cow	142																		
		Heifer	152																		
		Calf	162																		
		Sheep/Ram	212																		
		Ewe	222																		
		Billy goat	232																		
		Female goat	242																		
		Pig	621																		
		Laying hens	721																		
		Breeding chickens	722																		

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			What benefits did the household receive from raising animals that belong to other household? 1=Yes 2=No				How many [...] did the household possess or raise 12 months ago? (Write 0 if none)	How many [...], owned or raised by the household, were born during the last 12 months? (Write 0 if none)	How many [...] from other households were placed here during the last 12 months ? (Write 0 if none)
<input type="checkbox"/>	<input type="checkbox"/>	Species/Categories of animals	CODE	Restocking animals (happanayé)	The byproducts belong to the household	Receives income for this work	Use animal for own activities (agriculture, transport, etc.)	Number	Number	Number
4A.1	4A.2	4A.3	4A.4	4A.34	4A.35	4A.36	4A.37	4A.38	4A.39	4A.40
		LOCAL BREEDS								
		Ox	111							
		Bull	121							
		Cow	131							
		Young Bull/Young Cow	141							
		Heifer	151							
		Calf	161							
		Sheep/Ram	211							
		Ewe	221							
		Billy goat	231							
		Female goat	241							
		Male Camel	311							
		Female camel	321							
		Young camel	331							
		Donkey	411							
		Horse	511							
		Pig	611							
		Hen/local chicken	711							
		Guinea fowl	811							
		Other birds	911							

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			What benefits did the household receive from raising animals that belong to other household? 1=Yes 2=No				How many [...] did the household possess or raise 12 months ago? (Write 0 if none)	How many [...], owned or raised by the household, were born during the last 12 months? (Write 0 if none)	How many [...] from other households were placed here during the last 12 months ? (Write 0 if none)
<input type="checkbox"/>	<input type="checkbox"/>	Species/Categories of animals	CODE	Restocking animals (happanayé)	The byproducts belong to the household	Receives income for this work	Use animal for own activities (agriculture, transport, etc.)	Number	Number	Number
4A.1	4A.2	4A.3	4A.4	4A.34	4A.35	4A.36	4A.37	4A.38	4A.39	4A.40
		RACES CROISEES / EXOTIQUES								
		Ox	112							
		Bull	122							
		Cow	132							
		Young Bull/Young Cow	142							
		Heifer	152							
		Calf	162							
		Sheep/Ram	212							
		Ewe	222							
		Billy goat	232							
		Female goat	242							
		Pig	621							
		Laying hens	721							
		Breeding chickens	722							

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			How many [...] from other households were you given as gifts during the last 12 months? (Write 0 if none)	How many [...] did the State or an NGO give you as a gift during the last 12 months? (Write 0 if none)	How many [...] have you purchased during the last 12 months? (Write 0 if none) If 0 ▶ 4A.46	Where did you mainly purchase these [...]? 1=Local market 2=Border market 3=Other market 4=Butcher 5=Trader, directly at the farm 6=Neighbor household 7=Other (specify)	What was the value of the purchase ?	How many [...] have you slaughtered during the last 12 months? (Write 0 if none)	How many [...] have you given as gifts to other households during the last 12 months? (Write 0 if none)
□	□	Species/Categories of animals	CODE	Number	Number	Number	CODE	Amount in FCFA	Number	Number
4A.1	4A.2	4A.3	4A.4	4A.41	4A.42	4A.43	4A.44	4A.45	4A.46	4A.47
		LOCAL BREEDS								
		Ox	111							
		Bull	121							
		Cow	131							
		Young Bull/Young Cow	141							
		Heifer	151							
		Calf	161							
		Sheep/Ram	211							
		Ewe	221							
		Billy goat	231							
		Female goat	241							
		Male Camel	311							
		Female camel	321							
		Young camel	331							
		Donkey	411							
		Horse	511							
		Pig	611							
		Hen/local chicken	711							
		Guinea fowl	811							
		Other birds	911							

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			How many [...] from other households were you given as gifts during the last 12 months? (Write 0 if none)	How many [...] did the State or an NGO give you as a gift during the last 12 months? (Write 0 if none)	How many [...] have you purchased during the last 12 months? (Write 0 if none) If 0 ▶ 4A.46	Where did you mainly purchase these [...]? 1=Local market 2=Border market 3=Other market 4=Butcher 5=Trader, directly at the farm 6=Neighbor household 7=Other (specify)	What was the value of the purchase ?	How many [...] have you slaughtered during the last 12 months? (Write 0 if none)	How many [...] have you given as gifts to other households during the last 12 months? (Write 0 if none)
□	□	Species/Categories of animals	CODE	Number	Number	Number	CODE	Amount in FCFA	Number	Number
4A.1	4A.2	4A.3	4A.4	4A.41	4A.42	4A.43	4A.44	4A.45	4A.46	4A.47
		RACES CROISEES / EXOTIQUES								
		Ox	112							
		Bull	122							
		Cow	132							
		Young Bull/Young Cow	142							
		Heifer	152							
		Calf	162							
		Sheep/Ram	212							
		Ewe	222							
		Billy goat	232							
		Female goat	242							
		Pig	621							
		Laying hens	721							
		Breeding chickens	722							

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			How many [...] were stolen during the last 12 months? (Write 0 if none)	How many [...] died from floods or other natural catastrophes during the last 12 months? (Write 0 if none)	How many [...] died from disease during the last 12 months? (Write 0 if none)	How many [...] have you sold during the last 12 months? (Write 0 if none) If 0 ▶ next line	Where did you mainly sell these [...] ? 1=Local market 2=Border market 3=Other market 4=Butcher 5=Trader, directly at the farm 6=Neighboring household 7=Other (specify)	How much did you spend as commissions on the sale of these [...]?	How much did you spend as taxes on the sale of these [...]?	What is the net value of the sale?	What is the ID Code of the first person who controls the household income ? (Write the ID Code of the person using the list of household members)	What is the ID Code of the second person who controls the household income? (Write the ID Code of the person using the list of household members)
□	□	Species/Categories of animals	CODE	Number	Number	Number	Number	CODE	Amount in FCFA	Amount in FCFA	Amount in FCFA	ID CODE	ID CODE
4A.1	4A.2	4A.3	4A.4	4A.48	4A.49	4A.50	4A.51	4A.52	4A.53	4A.54	4A.55	4A.56	4A.57
		LOCAL BREEDS											
		Ox	111										
		Bull	121										
		Cow	131										
		Young Bull/Young Cow	141										
		Heifer	151										
		Calif	161										
		Sheep/Ram	211										
		Ewe	221										
		Billy goat	231										
		Female goat	241										
		Male Camel	311										
		Female camel	321										
		Young camel	331										
		Donkey	411										
		Horse	511										
		Pig	611										
		Hen/local chicken	711										
		Guinea fowl	811										
		Other birds	911										

SECTION 4 : LIVESTOCK

SECTION 4A. SIZE AND KIND OF ANIMALS

During the course of the last 12 months, did the household or any one of its members possess animals (beasts, birds) or raise animals that did not belong to them? 1=Yes 2=No ▶ Section 5	During the course of the last 12 months, did the household or one of its members possess animals or raise animals that did not belong to them that were cross breeds or exotic breeds? 1=Yes 2=No ▶ Ask only questions that refer to local breeds			How many [...] were stolen during the last 12 months? (Write 0 if none)	How many [...] died from floods or other natural catastrophes during the last 12 months? (Write 0 if none)	How many [...] died from disease during the last 12 months? (Write 0 if none)	How many [...] have you sold during the last 12 months? (Write 0 if none) If 0 ▶ next line	Where did you mainly sell these [...] ? 1=Local market 2=Border market 3=Other market 4=Butcher 5=Trader, directly at the farm 6=Neighboring household 7=Other (specify)	How much did you spend as commissions on the sale of these [...]?	How much did you spend as taxes on the sale of these [...]?	What is the net value of the sale?	What is the ID Code of the first person who controls the household income ? (Write the ID Code of the person using the list of household members)	What is the ID Code of the second person who controls the household income? (Write the ID Code of the person using the list of household members)
□	□	Species/Categories of animals	CODE	Number	Number	Number	Number	CODE	Amount in FCFA	Amount in FCFA	Amount in FCFA	ID CODE	ID CODE
4A.1	4A.2	4A.3	4A.4	4A.48	4A.49	4A.50	4A.51	4A.52	4A.53	4A.54	4A.55	4A.56	4A.57
		RACES CROISEES / EXOTIQUES											
		Ox	112										
		Bull	122										
		Cow	132										
		Young Bull/Young Cow	142										
		Heifer	152										
		Calf	162										
		Sheep/Ram	212										
		Ewe	222										
		Billy goat	232										
		Female goat	242										
		Pig	621										
		Laying hens	721										
		Breeding chickens	722										

SECTION 4B. REPRODUCTION AND SHELTER

		During the last 12 months, did the household raise [...]; either owned by the household or placed there by other households? 1=Yes 2=No ► next line	Did the household use techniques of controlled breeding or reproduction for the [...] owned or raised during the last 12 months? 1=Yes 2=No ► 4B.6	What are the principal methods of controlled breeding or reproduction that the household used during the last 12 months? (See reproduction codes)		Where did the household shelter the [...] owned or raised during the last 12 months? 1=Nowhere 2=Shed 3=Enclosure/fenced location 4=Metal cage 5=Wooden cage 6=Other (specify)
Species/Categories of animals	CODE	CODE	CODE	First	Second	CODE
4B.1	4B.2	4B.2a	4B.3	4B.4	4B.5	4B.6
LOCAL BREEDS						
Cattle	101					
Small ruminants	201					
Camels	301					
Pigs	611					
Chickens	711					
Guinea fowl	811					
CROSS BREEDS/EXOTICS						
Cattle	102					
Small ruminants	202					
Pigs	621					
Chickens	701					

SECTION 4C.FEED

		During the last 12 months, did the household raise [...]; either owned or placed there by other households? 1=Yes 2=No ► next line	What are the two principal foods used by the households to nourish the [...] during the last 12 months? (Give no more than two foods in order of importance) 1 = Scrub bush straw/farming residue 2 = Bourgou 3 = Hay, leaves 4 = Bran 5 = Oil cake/Cottonseed 6 = Salt/Natron 7 = Grains, cowpeas 8 = Mixed foods 9 = Other	During the last 12 months, what quantity of each of the two principal foods did you produce yourself to nourish the [...] owned or raised by the household? Unit Codes 1=Kilogram 2=Gram 3= Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 8=100 Kg sack 9=Cart (For the quantities, if zero, write 0; If DK write 9999)				
Species/Categories of animals	CODE	CODE	First	Second	Quantity of first food If 0 ► 4C.8 If 9999 ► 4C.8	Unit	Quantity of second food If 0 ► 4C.10 If 9999 ► 4C.10	Unit
4C.1	4C.2	4C.3	4C.4	4C.5	4C.6	4C.7	4C.8	4C.9
LOCAL BREEDS								
Cattle	101							
Small ruminants	201							
Camels	301							
Pigs	611							
Chickens	711							
Guinea fowl	811							
CROSS BREEDS/EXOTICS								
Cattle	102							
Small ruminants	202							
Pigs	621							
Chickens	701							

SECTION 4C.FEED

		Did you purchase any of the first food used to feed the [...] during the last 12 months? 1=Yes 2=No ► 4C.16	How much of the first food did you purchase on average each month to feed the [...] owned or raised by the household? Unit codes 1=Kilogram 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 8=100 Kg sack 9=Cart (For the quantities, If zero write 0 ; If DK write 9999)		What was the main location for the purchase of this first food? 1= Local market 2= Cooperative 3= Neighboring village 4= Livestock service 5= Other household 6= Traveling trader 7=Animal food bank 8=Other (specify)	For how many months have you had to purchase this food for the [...] during the last 12 months?	How much have you spent on average each month during the months for the purchase of this first food?	For the second food used to feed the [...] during the last 12 months, did you purchase any? 1=Yes 2=No ► 4C.22 3=Not applicable ► 4C.22
Species/Categories of animals	CODE	CODE	Quantity	Unit	CODE	Number	Amount in FCFA	CODE
4C.1	4C.2	4C.10	4C.11	4C.12	4C.13	4C.14	4C.15	4C.16
LOCAL BREEDS								
Cattle	101							
Small ruminants	201							
Camels	301							
Pigs	611							
Chickens	711							
Guinea fowl	811							
CROSS BREEDS/EXOTICS								
Cattle	102							
Small ruminants	202							
Pigs	621							
Chickens	701							

SECTION 4C.FEED

		How much of this second food have you purchased on average each month to feed the [...] owned or raised by the household? Unit Codes 1=Kilogram 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 8=100 Kg sack 9=Cart (For the quantities, if zero, write 0 ; If DK, write 9999)		What is the principal location for the purchase of this second food ? 1=Local market 2=Cooperative 3=Neighboring village 4=Livestock service 5=Other household 6=Traveling trader 7=Animal food bank 8=Other (specify)		During house many months have you had to purchase this food to feed the [...] during the last 12 months?		How much have you spent on average each month during these months for the purchase of this second food?		What quantity of food used to feed the [...] owned or raised by the household were you given as a gift, have you gathered (roadside / etc.) or have you obtained from common pasturage? Unit Codes 1=Kilogram 2=Gram 3=Cope 4=Bunch 5=Tiya 6=Tongolo 7=50 Kg sack 8=100 Kg sack 9=Cart (For the quantities, if zero, write 0 ; If DK, write 9999)	
Species/Categories of animals		Quantity	Unit	CODE	Number	Amount in FCFA	Quantity	Unit			
4C.1	4C.2	4C.17	4C.18	4C.19	4C.20	4C.21	4C.22	4C.23			
LOCAL BREEDS											
Cattle	101										
Small ruminants	201										
Camels	301										
Pigs	611										
Chickens	711										
Guinea fowl	811										
CROSS BREEDS/EXOTICS											
Cattle	102										
Small ruminants	202										
Pigs	621										
Chickens	701										

SECTION 4D. WATER

		During the last 12 months, did the household raise [...]; either owned by the household or placed there by other households? 1=Yes 2=No ► next line	What are the two principal sources of water used by the household during the rainy season to water the [...] owned or raised ? 1 = Waterways 2 = Pool 3 = Faucet, tap 4 = Wells 5 = Drilling 6 = Dam / retention of water 7 = Other (specify)		On average, how many times did you water the [...] during the rainy season? 1 = Less than one time per week 2 = 1 time per week 3 = 2 times per week 4 = 1 time every 2 days 5 = Once a day 6 = Twice a day 7 = Continually	What are the two principal sources of water used by the household during the dry season to water [...] owned or raised? 1 = Waterways 2 = Pool 3 = Faucet, tap 4 = Wells 5 = Drilling 6 = Dam / retention of water 7 = Other (specify)	
Species/Categories of animals	CODE	CODE	First	Second	CODE	First	Second
4D.1	4D.2	4D.2a	4D.3	4D.4	4D.5	4D.6	4D.7
LOCAL BREEDS							
Cattle	101						
Small ruminants	201						
Camels	301						
Pigs	611						
Chickens	711						
Guinea fowl	811						
CROSS BREEDS/EXOTICS							
Cattle	102						
Small ruminants	202						
Pigs	621						
Chickens	701						

SECTION 4D. WATER

		On average, how many times did you water the [...] during the dry season? 1 = Less than one time per week 2 = 1 time per week 3 = 2 times per week 4 = 1 time every 2 days 5 = Once a day 6 = Twice a day 7 = Continually	Did you pay to water the [...] during the last 12 months? 1 = Yes 2 = No ► next line	During how many months did you have to pay for water to water the [...] during the last 12 months?	On average, how much did you pay each month during these months to water the [...] ?
Species/Categories of animals	CODE	CODE	CODE	Number	Amount in FCFA
4D.1	4D.2	4D.8	4D.9	4D.10	4D.11
LOCAL BREEDS					
Cattle	101				
Small ruminants	201				
Camels	301				
Pigs	611				
Chickens	711				
Guinea fowl	811				
CROSS BREEDS/EXOTICS					
Cattle	102				
Small ruminants	202				
Pigs	621				
Chickens	701				

SECTION 4E. HEALTH

		During the last 12 months, did the household raise [...] ; either owned by the household or placed there by other households? 1=Yes 2=No ► next line	How many of the [...] owned or raised by the household have been vaccinated more than 12 months ago, but who are still immune?	How many [...] owned or raised by the household have been vaccinated during the last 12 months? If 0 ► 4E.9	Who provided the vaccines? 1 = Public veterinary service 2 = Private veterinary 3 = Livestock auxiliary 4 = NGO 5 = Breeder himself 6 = Other (specify) (Provide up to 2 responses in order of importance)		What vaccines were given? 1 = Yes 2 = No										
							A	B	C	D	E	F	G	H	I	J	K
Species/Categories of animals	CODE	CODE	Number	Number	First	Second	Foot and mouth disease	Contagious bovine pleuropneumonia (PCPB)	Lumpy skin	Anthrax	Black leg	PPR	Clavelée	Pasturellose	Newcastle	Other (specify)	Don't know
4E.1	4E.2	4E.2a	4E.3	4E.4	4E.5	4E.6	4E.7										
Cattle	100																
Small ruminants	200																
Camels	300																
Pigs	600																
Chickens	700																
Guinea fowl	800																

SECTION 4E. HEALTH

		How much did you pay to vaccinate the [...], including everything (fees, vaccines, etc.)	How many [...] owned or raised by the household, were dewormed during the last 12 months ? If 0 ► 4E.13	Who dewormed the [...]? 1 = Public veterinary service 2 = Private veterinary 3 = Livestock auxiliary 4 = NGO 5 = Breeder himself 6 = Other (specify) (Provide up to 2 responses in order of importance)		How much did you pay to deworm the [...], including everything (fees, medications, etc.)?	How many of the [...] owned or raised by the household have been treated for ticks or other external parasites during the last 12 months ? If 0 ► 4E.17	Who treated the [...] for ticks/external parasites? 1 = Public veterinary service 2 = Private veterinary 3 = Livestock auxiliary 4 = NGO 5 = Breeder himself 6 = Other (specify) (Provide up to 2 responses in order of importance)	
Species/Categories of animals	CODE	(Amount in FCFA)	Number	First	Second	(Amount in FCFA)	Number	First	Second
4E.1	4E.2	4E.8	4E.9	4E.10	4E.11	4E.12	4E.13	4E.14	4E.15
Cattle	100								
Small ruminants	200								
Camels	300								
Pigs	600								
Chickens	700								
Guinea fowl	800								

SECTION 4E. HEALTH

		How much did you pay to treat the [...] for ticks/external parasites, including everything (fees, medications, etc.)?	How many of the [...] owned or raised by the household have had health problems during the last 12 months ? If 0 ► next line	Did the [...], receive medical care (modern or traditional) during the last 12 months ? 1=Yes, all 2=Yes, the majority 3=Yes, a few 4=No, none ► next line	Who provided the service for the [...]? 1 = Public veterinary service 2 = Private veterinary 3 = Livestock auxiliary 4 = NGO 5 = Breeder himself 6 = Other (specify) (Provide up to 2 responses in order of importance)		How much did you pay to take care of the [...], including everything (fees, medications etc.)?
Species/Categories of animals	CODE	(Amount in FCFA)	Number	CODE	First	Second	(Amount in FCFA)
4E.1	4E.2	4E.16	4E.17	4E.18	4E.19	4E.20	4E.21
Cattle	100						
Small ruminants	200						
Camels	300						
Pigs	600						
Chickens	700						
Guinea fowl	800						

SECTION 4E. HEALTH

		Did you use traditionally remedies to treat the [...] for these illnesses? 1=Yes 2=No ► next line	Who provided the traditional care services to the [...]? 1 = Public veterinary service 2 = Private veterinary 3 = Livestock auxiliary 4 = NGO 5 = Breeder himself 6 = Other (specify)	How efficient are these treatments? 1 = Very efficient 2 = Moderately efficient 3 = Inefficient 4 = Not at all efficient	How much did you pay for these traditional treatments?	Do you know the plants or ingredients used for these treatments? 1 = Yes 2=No	Would you like these traditional treatments to be improved by research institutions to make them more efficient? 1 = Yes 2= No 3 = No opinion
Species/Categories of animals	CODE	CODE	CODE	CODE	(Amount in FCFA)	CODE	CODE
4E.1	4E.2	4E.22	4E.23	4E.24	4E.25	4E.26	4E.27
Cattle	100						
Small ruminants	200						
Camels	300						
Pigs	600						
Chickens	700						
Guinea fowl	800						

SECTION 4F. NON FAMILY LABOR

		During the last 12 months, did the household raise [...] ; either owned by the household or placed there by other households? 1=Yes 2=No ► next line	Did you use non family labor to raise the [...] owned or raised by the household during the last 12 months? 1 = Yes 2 = No ► Section 4G	During how many months have you had to recruit non family labor during the last 12 months?	During these months, how many men (more than 15 years old) who were not members of the household have raised the [...] owned or raised by the household? If 0 ► 4F.8	On average how many days did each of these men work during the course of these months?	How much was each of these workers paid by day of work?
Species/Categories of animals	CODE	CODE	CODE	Number	Number	Days	(Amount in FCFA)
4F.1	4F.2	4F.2a	4F.3	4F.4	4F.5	4F.6	4F.7
LOCAL BREEDS							
Cattle	101						
Small ruminants	201						
Camels	301						
Pigs	611						
Chickens	711						
Guinea fowl	811						
CROSS BREEDS/EXOTICS							
Cattle	102						
Small ruminants	202						
Pigs	621						
Chickens	701						

SECTION 4F. NON FAMILY LABOR

		During these months, how many women (more than 15 years old) who were not members of the household have raised the [...] owned or raised by the household? If 0 ► 4F.11	On average how many days did each of these women work during the course of these months?	How much was each of these workers paid by day of work?	During these months, how many children (less than 15 years old) who were not members of the household have raised the [...] owned or raised by the household? If 0 ► 4F.11	On average how many days did each of these children work during the course of these months?	How much was each of these workers paid by day of work?
Species/Categories of animals	CODE	Number	Days	(Amount in FCFA)	Number	Days	(Amount in FCFA)
4F.1	4F.2	4F.8	4F.9	4F.10	4F.11	4F.12	4F.13
LOCAL BREEDS							
Cattle	101						
Small ruminants	201						
Camels	301						
Pigs	611						
Chickens	711						
Guinea fowl	811						
CROSS BREEDS/EXOTICS							
Cattle	102						
Small ruminants	202						
Pigs	621						
Chickens	701						

SECTION 4G. PRODUCTION OF MEAT

		During the last 12 months, did the household raise [...] ; either belonging to the household or placed there by other households? 1=Yes 2=No ► next line	Did the household slaughter any [...] owned or raised during the last 12 months for the production of meat? 1=Yes 2=No ► next line	How many [...] did you slaughter each month in the last 12 months? (Write 0 if none)											
Species/Categories of animals	CODE	CODE	Number	Number											
4G.1	4G.2	4G.2a	4G.3	4G.4											
				Nov. 10	Dec. 10	Jan. 11	Feb. 11	Mar. 11	Apr. 11	May 11	June 11	Jul. 11	Aug 11	Sept. 11	Oct. 11
LOCAL BREEDS															
Cattle	101														
Small ruminants	201														
Camels	301														
Pigs	611														
Chickens	711														
Guinea fowl	811														
CROSS BREEDS/EXOTICS															
Cattle	102														
Small ruminants	202														
Pigs	621														
Chickens	701														

SECTION 4G. PRODUCTION OF MEAT

		What was the average weight (in kilograms) of each [...] that you slaughtered when they were alive? (If don't know, write 9999)	During these months, what quantity of meat (in kilograms) were produced on average each month? (If don't know write 99999)	During these months, what quantity of meat (in kilograms) did you sell on average each month? If 0 ► 4G.12 (If don't know write 99999)	During these months, what was the amount of these sales on average each month?	Where did you principally sell the meat ? 1=Local market 2=Border market 3=Other market 4=Butcher 5=Trader, directly from the farm 6=Neighboring household 7=Other (specify)
Species/Categories of animals	CODE	Kilograms	Kilograms	Kilograms	Amount In FCFA	CODE
4G.1	4G.2	4G.5	4G.6	4G.7	4G.8	4G.9
LOCAL BREEDS						
Cattle	101					
Small ruminants	201					
Camels	301					
Pigs	611					
Chickens	711					
Guinea fowl	811					
CROSS BREEDS/EXOTICS						
Cattle	102					
Small ruminants	202					
Pigs	621					
Chickens	701					

SECTION 4G. PRODUCTION OF MEAT

		Who is the principal household member who controls the income received from the sale?		During these months, what quantity of meat (in kilograms) produced by yourself did you consume in the household on average each month?	Was the household the owner of all the [...] slaughtered during the last 12 months for the production of meat? 1=Yes ► 4G.14 2=No	During these months, how much meat (in kilograms) did you give to the household that owned the [...] on average each month? (Write zero if the household has not given any to the owner; Write 9999 if the household cannot determine the weight)	During these months, how much (in kilograms) have you given to other households on average each month? (Write zero if the household did not make any gifts; Write 9999 if the household cannot determine the weight)
Species/Categories of animals	CODE	Name	ID	Kilograms	CODE	Kilograms	Kilograms
4G.1	4G.2	4G.10	4G.11	4G.12	4G.13a	4G.13	4G.14
LOCAL BREEDS							
Cattle	101						
Small ruminants	201						
Camels	301						
Pigs	611						
Chickens	711						
Guinea fowl	811						
CROSS BREEDS/EXOTICS							
Cattle	102						
Small ruminants	202						
Pigs	621						
Chickens	701						

SECTION 4G. PRODUCTION OF MEAT

Species/Categories of animals	CODE	CODE	What is the total amount of these charges? (In FCFA)		Did you produce hides and skins from [...] during the last 12 months? 1=Yes 2=No ► next line	How much hides and skins from [...] owned or raised by the household were produced during the last 12 months? Unit codes 1=Kg 2=Piece/Unit (Write 9999 if don't know)	
			In cash	In kind		Quantity	Unit
4G.1	4G.2	4G.15	4G.16	4G.17	4G.18	4G.19	4G.20
LOCAL BREEDS							
Cattle	101						
Small ruminants	201						
Camels	301						
Pigs	611						
Chickens	711						
Guinea fowl	811						
CROSS BREEDS/EXOTICS							
Cattle	102						
Small ruminants	202						
Pigs	621						
Chickens	701						

SECTION 4G. PRODUCTION OF MEAT

		How much hides and skins from [...] did you sell during the last 12 months? Unit codes 1=Kg 2=Piece/Unit If 0 ► next line		How much was made from this sale? (In FCFA)	Who is the principal household member who controls the revenue from the sale?	
Species/Categories of animals	CODE	Quantity	Unit	Amount In FCFA	Name	ID
4G.1	4G.2	4G.21	4G.22	4G.23	4G.24	4G.25
LOCAL BREEDS						
Cattle	101					
Small ruminants	201					
Camels	301					
Pigs	611					
Chickens	711					
Guinea fowl	811					
CROSS BREEDS/EXOTICS						
Cattle	102					
Small ruminants	202					
Pigs	621					
Chickens	701					

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ► Section 4H2			During the last 12 months, did the household raise any [...] ; either owned by the household or placed there by other households? 1=Yes 2=No ► next line	Did the [...] owned or raised by the household produce milk for human consumption during the last 12 months? 1=Yes 2=No ► next line	What system of feeding did you use for the [...] that produced the milk? 1=Natural grazing 2=Non-natural grazing 3=Strategic complementation 4=Other	During how many months during the last 12 months did you produce milk from the [...] ?	During this period, how many [...] were used on average each month for the production of milk?
	Species/Categories of animals	CODE	CODE	CODE	CODE	Number	Number
4H1.0	4H1.1	4H1.2	4H1.2a	4H1.3	4H1.4	4H1.5	4H1.6
	LOCAL BREEDS						
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
	CROSSBREEDS/EXOTICS						
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ► Section 4H2			During this period, was the average quantity of milk (in liters) produced by animal by day...			What is the average duration of lactation (in number of months)?	Do you allow the [...] to feed their young? 1=Yes 2=No ► 4H1.11
			... one week after calving?	... one month after calving?	... three months after calving?		
	Species/Categories of animals	CODE	Liters	Liters	Liters	Month	CODE
4H1.0	4H1.1	4H1.2	4H1.7			4H1.8	4H1.9
	LOCAL BREEDS						
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
	CROSSBREEDS/EXOTICS						
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ► Section 4H2			What type of feeding of the [...] do you practice? 1=Limited feeding 2=Unlimited feeding	How many months between two calvings ?	Have you sold any of this milk production from [...]? 1 = Yes 2 = Non ► 4H1.18	During these months, what is the average quantity (in liters) of the milk sold each day?	How much is the average sale of this milk each day?
	Species/Categories of animals	CODE	CODE	Number	CODE	Liters	Amount in FCFA
4H1.0	4H1.1	4H1.2	4H1.10	4H1.11	4H1.12	4H1.13	4H1.14
	LOCAL BREEDS						
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
	CROSSBREEDS/EXOTICS						
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ▶ Section 4H2			Who is the principal household member who controls the income from this sale?		Where do you principally sell the milk produced? 1=At home, at the farm 2=At the market 3=By contract (dairy company, hotel, etc.) 4=Other	During these months, how much (in liters) did you exchange in kind for other products on average each day?	During these months how much (in liters) did you consume in the household on average each day?
	Species/Categories of animals	CODE	Name	ID Code	CODE	Liters	Liters
4H1.0	4H1.1	4H1.2	4H1.15	4H1.16	4H1.17	4H1.18	4H1.19
	LOCAL BREEDS						
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
	CROSSBREEDS/EXOTICS						
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ► Section 4H2			During these months, how much (in liters) did you give to the household that owns the animal on average each day?	During these months, how much (in liters) did you give as gifts to other households on average each day?	Did you convert any of this milk production during the last 12 months? 1 = Yes 2 = Non ► next line	How much (in liters) of this milk was converted each day?	Did you produce curds and butter during the last 12 months? 1 = Yes 2 = No ► 4H1.31
	Species/Categories of animals	CODE	Liters	Liters	CODE	Quantity	CODE
4H1.0	4H1.1	4H1.2	4H1.20	4H1.21	4H1.22	4H1.23	4H1.24
	LOCAL BREEDS						
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
	CROSSBREEDS/EXOTICS						
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ▶ Section 4H2			How much income did you receive from the production of curds during the last 12 months?	Who is the principal member of the household who controls the income received from the sale of curds?		How much income did you receive from the production of butter during the last 12 months?	Who is the principal member of the household who controls the income received from the sale of butter?	
	Species/Categories of animals	CODE	Amount in FCFA	Name	ID Code	Amount in FCFA	Name	ID Code
4H1.0	4H1.1	4H1.2	4H1.25	4H1.26	4H1.27	4H1.28	4H1.29	4H1.30
	LOCAL BREEDS							
	Cattle	131						
	Sheep	221						
	Goats	241						
	Camels	321						
	CROSSBREEDS/EXOTICS							
	Cattle	132						
	Sheep	222						
	Goats	242						

SECTION 4H1. MILK PRODUCTION

Is the household number odd or even? 1=Odd number 2=Even number ► Section 4H2			Did you produce cheese during the last 12 months? 1 = Yes 2 = Non ► next line	How much income did you receive from the production of cheese in the last 12 months?	Who is the principal member of the household who controls the income from the sale of cheese?	
	Species/Categories of animals	CODE	CODE	Amount in FCFA	Name	ID Code
4H1.0	4H1.1	4H1.2	4H1.31	4H1.32	4H1.33	4H1.34
	LOCAL BREEDS					
	Cattle	131				
	Sheep	221				
	Goats	241				
	Camels	321				
	CROSSBREEDS/EXOTICS					
	Cattle	132				
	Sheep	222				
	Goats	242				

SECTION 4H2. PRODUCTION DE LAIT

Is the household number odd or even? 1=Odd number ► Section 4H3 2=Even number			During the last 12 months, did the household raise any [...] ; either owned by the household or placed there by other households? 1=Yes 2=No ► next line	Did the [...] owned or raised by the household produce milk for human consumption during the last 12 months? 1=Yes 2=No ► next line	What system of feeding did you use for the [...] that produced milk? 1=Natural grazing 2=Non-natural grazing 3=Strategic complementation 4=Other	For how many months during the last 12 months did the [...] produce milk ?	During this period, how many of the [...] were used on average each month for milk production?	During these months, what was the average quantity of milk (in liters) produced by animal and by day?
	Species/Categories of animals	CODE	CODE	CODE	CODE	Number	Number	Liters
4H2.0	4H2.1	4H2.2	4H2.2a	4H2.3	4H2.4	4H2.5	4H2.6	4H2.7
	LOCAL BREEDS							
	Cattle	131						
	Sheep	221						
	Goats	241						
	Camels	321						
	CROSSBREEDS/EXOTICS							
	Cattle	132						
	Sheep	222						
	Goats	242						

SECTION 4H2. PRODUCTION DE LAIT

Is the household number odd or even? 1=Odd number ► Section 4H3 2=Even number			What is the average duration of lactation (in number of months)?	Did you permit the [...] to feed their young ? 1=Yes 2=No ► 4H2.11	What type of feeding of the [...] did you practice? 1=Limited feeding 2=Unlimited feeding	How many months are there between 2 calvings ?	Did you sell any of this milk production from the [...]? 1 = Yes 2 = No ► 4H2.18	During these months, what was the average quantity (in liters) of this milk that was sold each day?
4H2.0	Species/Categories of animals	CODE	Months	CODE	CODE	Number	CODE	Liters
4H2.0	4H2.1	4H2.2	4H2.8	4H2.9	4H2.10	4H2.11	4H2.12	4H2.13
	LOCAL BREEDS							
	Cattle	131						
	Sheep	221						
	Goats	241						
	Camels	321						
	CROSSBREEDS/EXOTICS							
	Cattle	132						
	Sheep	222						
	Goats	242						

SECTION 4H2. PRODUCTION DE LAIT

<p>Is the household number odd or even? 1=Odd number ► Section 4H3 2=Even number</p>			<p>How much was the average amount of the sale of this milk each day?</p>	<p>Who is the principal member of the household who controls the income from this sale?</p>	<p>Where did you principally sell the milk produced? 1=At the household, at the farm 2=At the market 3=By contract (dairy company, hotel, etc.) 4=Other</p>						
	Species/Categories of animals	CODE	Amount in FCFA	Name	ID Code	CODE					
4H2.0	4H2.1	4H2.2	4H2.14	4H2.15	4H2.16	4H2.17					
/	LOCAL BREEDS	/	/	/	/	/					
	Cattle						131				
	Sheep						221				
	Goats						241				
	Camels						321				
/	CROSSBREEDS/EXOTICS	/	/	/	/	/					
	Cattle						132				
	Sheep						222				
	Goats						242				

SECTION 4H2. PRODUCTION DE LAIT

Is the household number odd or even? 1=Odd number ► Section 4H3 2=Even number			During these months, how much (in liters) did you exchange in kind for other products on average each day?	During these months, how much (in liters) did you consume in the household on average each day?	during these months, how much (in liters) did you give to the household that owned the animal on average each day?	During these months, how much (in liters) did you give as gifts to other households on average each day?	Did you convert any of this milk production during the last 12 months? 1 = Yes 2 = Non ► next line
	Species/Categories of animals	CODE	Liters	Liters	Liters	Liters	CODE
4H2.0	4H2.1	4H2.2	4H2.18	4H2.19	4H2.20	4H2.21	4H2.22
	LOCAL BREEDS						
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
	CROSSBREEDS/EXOTICS						
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H2. PRODUCTION DE LAIT

Is the household number odd or even? 1=Odd number ► Section 4H3 2=Even number			How much (in liters) of this milk was converted each day?	Did you produce curds and butter during the last 12 months? 1 = Yes 2 = No ► 4H2.31	How much income did you receive from the production of curds during the last 12 months?	Who is the principal member of the household who controls the income received from the sale of curds?	
	Species/Categories of animals	CODE	Quantity	CODE	Amount in FCFA	Name	ID Code
4H2.0	4H2.1	4H2.2	4H2.23	4H2.24	4H2.25	4H2.26	4H2.27
LOCAL BREEDS							
	Cattle	131					
	Sheep	221					
	Goats	241					
	Camels	321					
CROSSBREEDS/EXOTICS							
	Cattle	132					
	Sheep	222					
	Goats	242					

SECTION 4H2. PRODUCTION DE LAIT

Is the household number odd or even? 1=Odd number ► Section 4H3 2=Even number			How much income did you receive from the production of butter during the last 12 months?	Who is the principal member of the household who controls the income received from the sale of butter?	Did you produce cheese during the last 12 months? 1 = Yes 2 = Non ► next line	How much income did you receive from the production of cheese in the last 12 months?	Who is the principal member of the household who controls the income from the sale of cheese?		
	Species/Categories of animals	CODE	Amount in FCFA	Name	ID Code	CODE	Amount in FCFA	Name	ID Code
4H2.0	4H2.1	4H2.2	4H2.28	4H2.29	4H2.30	4H2.31	4H2.32	4H2.33	4H2.34
	LOCAL BREEDS								
	Cattle	131							
	Sheep	221							
	Goats	241							
	Camels	321							
	CROSSBREEDS/EXOTICS								
	Cattle	132							
	Sheep	222							
	Goats	242							

SECTION 4H3. REVENUES FROM THE SALE OF MILK DURING THE LAST 12 MONTHS

		Nov. 2010	Dec. 2010	Jan. 2011	Feb. 2011	Mar. 2011	Apr. 2011	May . 2011	Jun-11	Jul-11	Aug. 2011	Sept. 2011	Oct. 2011
	CODE	1	2	3	4	5	6	7	8	9	10	11	12
	4H3.1	4H3.2	4H3.3	4H3.4	4H3.5	4H3.6	4H3.7	4H3.8	4H3.9	4H3.10	4H3.11	4H3.12	4H3.13
Quantity sold for cash (In liters)	1												
Price by liter (In FCFA)	2												
Quantity exchanged under barter (In liters)	3												

SECTION 4I. PRODUCTION OF EGGS

		During the last 12 months, did the household raise [...] ; either owned by the household or placed there by another household? 1=Yes 2=No ► next line	Did you produce eggs from the [...] during the last 12 months? 1=Yes 2=No ► next line	How many eggs from the [...] did you produce each month during the last 12 months? (If none, write 0)											
Species/Categories of animals	CODE	CODE	CODE	Number											
4I.1	4I.2	4I.2a	4I.3	4I.4											
				Nov. 2010	Dec. 2010	Jan. 2011	Feb. 2011	Mar. 2011	Apr. 2011	May-11	Jun-11	Jul-11	Aug-11	Sept. 2011	Oct. 2011
LOCAL BREEDS															
Chickens	711														
Guinea fowl	811														
CROSS BREEDS / EXOTICS															
Chickens	721														

SECTION 4I. PRODUCTION OF EGGS

		How many eggs from the [...] did you sell on average each month during these months? (If none, write 0) If 0 ► 4I.10	During these months, what was the amount of these sales on average each month?	Where did you principally sell the eggs from the [...]? 1=At the household, at the farm 2=At the market 3=By contract (enterprise, hotel, etc.) 4=Other	Who is the principal household member who controls the income from the sales?		During these months, how many eggs did you consume in the household on average every month? (If none, write 0)
Species/Categories of animals	CODE	Number	Amount in FCFA	CODE	Name	ID Code	Number
4I.1	4I.2	4I.5	4I.6	4I.7	4I.8	4I.9	4I.10
LOCAL BREEDS							
Chickens	711						
Guinea fowl	811						
CROSS BREEDS / EXOTICS							
Chickens	721						

SECTION 4J. TRANSPORT AND FIELD WORK

		During the last 12 months, did the household raise [...]; either owned by the household or placed there by another household? 1=Yes 2=No ► next line	Did you use any [...] owned or raised by the household as means of private transport (people, grains, merchandise, etc.) during the last 12 months? 1 = Yes 2 = No	Did you use any [...] owned or raised by the household to provide transport service to other households during the last 12 months? 1 = Yes 2 = No ► 4J.6	How much did you earn from this service during the last 12 months?	Did you use the [...] owned or raised by the household for your own field work during the last 12 months? 1 = Yes 2 = No	Did you use the [...] owned or raised by the household to do field work for other households during the last 12 months? 1 = Yes 2 = No ► next line	How much did you earn through this service during the last 12 months? If 0 ► next line	Who is the principal household member who controls the income from this service?	
Species/Categories of animals	CODE	CODE	CODE	CODE	Amount in FCFA	CODE	CODE	Amount in FCFA	Name	ID Code
4J.1	4J.2	4J.2a	4J.3	4J.4	4J.5	4J.6	4J.7	4J.8	4J.9	4J.10
LOCAL BREEDS										
Cattle	101									
Camels	301									
Donkeys	411									
Horses	511									
CROSSBREEDS/EXOTICS										
Cattle	102									

SECTION 4K. MANURE

<p>During the last 12 months did the household raise animals; either owned by the household or placed there by other households? 1=Yes 2=No ► next section</p>	<p>Did you use any manure from the animals owned or raised by the household during the last 12 months? 1 = Yes 2 = No ► next section</p>	<p>What are the three principal uses of manure from animals owned or raised during the last 12 months? (Give up to three uses in order of importance) 1=Organic input on the parcels cultivated by your household during the rainy season 2010/2011? 2=Organic input on the parcels cultivated by your household during the dry season 2010/2011? 3=Fuel (for cooking) 4=Construction material 5=Sale 6=Other (specify)</p>			<p>Did you sell manure from the animals owned or raised by the household during the last 12 months? 1 = Yes 2 = No ► next section</p>	<p>What was the amount of the sale?</p>	<p>Who is the principal household member who controls the income from this service?</p>	
<p>CODE</p>	<p>CODE</p>	<p>CODE</p>			<p>CODE</p>	<p>Amount in FCFA</p>	<p>Name</p>	<p>ID Code</p>
<p>4K.1a</p>	<p>4K.1</p>	<p>4K.2</p>	<p>4K.3</p>	<p>4K.4</p>	<p>4K.5</p>	<p>4K.6</p>	<p>4K.7</p>	<p>4K.8</p>

SECTION 4L. TRANSHUMANCE

<p>During the last 12 months, did the household raise animals; either owned by the household or placed there by other households? 1=Yes 2=No ► section 5</p>	<p>During the last dry season (December 2010-May 2011), was the household herd moved to another location to look for grazing or water? 1 = Yes 2 = No ► section 5</p>	<p>What was the reason for moving the herd to another location during the last dry season (December 2010-May 2011)? 1=To look for grazing and water 2=To look for grazing only 3=To look for water only</p>	<p>Was the herd moved with one or more household members or with a non-household member? 1=All the household ► 4L.17 2=Certain members only ► 4L.5 3=A breeder who is not a member of the household</p>	<p>How much were these people were paid for this work? (In the case of in-kind payment, evaluate the corresponding amount in FCFA) ► ► 4L.17</p>	<p>Who were the household members who moved with the herd? (Up to six)</p>											
CODE	CODE	CODE	CODE	Amount	Name	ID Code	Name	ID Code	Name	ID Code	Name	ID Code	Name	ID Code	Name	ID Code
4L.1a	4L.1	4L.2	4L.3	4L.4	4L.5	4L.6	4L.7	4L.8	4L.9	4L.10	4L.11	4L.12	4L.13	4L.14	4L.15	4L.16

PARTIE 4L. Transhumance

At what time of the year did the herd start its movement? (Give month and year) 01=January 02=February 03=March 04=April 05=May 06=June 07=July 08=August 09=September 10=October 11=November 12=December		At what time of the year did the herd return from its movement? (Give month and year)		Where did the herd go ? 1=To the interior of Niger 2=Benin ► 4L.23 3=Burkina Faso ► 4L.23 4=Mali ► 4L.23 5=Nigeria ► 4L.23 6=Chad ► 4L.23 7=Other country ► 4L.23	What was the furthest department from its usual residence that the herd went to ?		How far (in kilometers) from its usual residence did the herd move? (If don't know, write 9999)	How many animals of each type went? Write 0 if none		
								Cattle	Sheep and goats	Camels
Month	Year	Month	Year	CODE	Name	CODE	km	Number	Number	Number
4L.17	4L.18	4L.19	4L.20	4L.21	4L.22a	4L.22b	4L.23	4L.24	4L.25	4L.26

PARTIE 4L. Transhumance

How many of each type of animal returned? Write 0 if none			What problems did the animals encounter during the migration? (Give the two principal reasons in order of importance) 1=Lack of routes because of agriculture 2=Lack/weakness of grazing on route 3=Lack/weakness of grazing at the destination 4=Lack of water in route 5=Lack of water at the destination 6=Theft of animals 7=Disease/death of animals 8=Problems with authorities in neighboring countries 9=No problem		What was the state of the grazing at the final destination? 1=Very good 2=Good 3=Average 4=Bad 5=Very bad	What was the state of the water sources at the final destination? 1=Very good 2=Good 3=Average 4=Bad 5=Very bad	Do you think you will use the same round for next year's migration? 1=Yes 2=I will send the animals somewhere else 3=No I will no longer send the animals on migration 4=I don't know yet
Cattle	Sheep and goats	Camels	First reason	Second reason			
Number	Number	Number	CODE	CODE	CODE	CODE	CODE
4L.27	4L.28	4L.29	4L.30	4L.31	4L.32	4L.33	4L.34

REPRODUCTION CODES

- 1 None
- 2 Controlled mating: best male
- 3 Controlled mating: avoid mating between animals of the same family
- 4 Controlled mating: other (ex. patch)
- 5 Using the best breeding animals of a neighboring household
- 6 Exchange of best breeding animals (males)
- 7 Purchase good quality breeding animals (males)
- 8 Purchase of good quality breeding animals (females)
- 9 Artificial insemination - cross breed
- 10 Artificial insemination - same breed
- 11 Castration of non-breeding males
- 12 Slaughter/sale of non-breeding animals (males)
- 13 Slaughter/sale of non-breeding animals (female)
- 14 Cross breeding - within own herd
- 15 Cross breeding - male from neighbor household, other households
- 16 Grouping of births
- 17 Other (specify)

CODES DES MALADIES

- 1 Rinderpest
- 2 **Fièvre aphteuse**
- 3 Contagious cattle pleuropneumonia (PPCB)
- 4 Contagious caprine pleuropneumonia (PPCC)
- 5 Contagious lumpy skin disease
- 6 Anthrax
- 7 Blackleg
- 8 PPR
- 9 **Clavelée**
- 10 **Pasturellose**
- 11 Newcastle
- 12 Fowl pox
- 13 Avian flue
- 14 Gumboro disease or infectious bursal disease
- 15 Other (specify)
- 16 Don't know

SECTION 5 : TREE AND PERENNIAL CROPS

(1) During the last 12 months, did the household or one of its members practice tree growing ? 1=Yes 2=No ► Section 6

CROP CODES	Name of tree or perennial crops	Did the household have tree or perennial crops during the last 12 months? 1=Yes 2=No ► next line	How many months out of the last 12 months did you generate [CROP] ?	During these months, how much did you produce on average each month?		During these months, how much did you consume in the household on average each month?	During these months, how much did you give as gifts to other households on average each month?	During these months, how much did you sell on average each month? If 0 ► next line	How much did you year from these sales? (In FCFA)	What is the ID number of the household member that controls the revenue?	Where did you principally sell this product? 1= Local market 2= Cooperative 3= Surrounding village 4= Restaurants, hotels, supermarkets 5= Private operators, tradesmen 6=Households 7= Other	During the course of the last 12 months, how much did you spend on seeds, fertilizers, pesticides and other inputs for this crop ? (In FCFA)	How much did you spend in fees for transport and other costs related to the sale of this crop ? (In FCFA)
				Quantity	Unit 1=Kilogram 2=Cope 3=Basket 4=Tiya 5=Tongolo 6=50 Kg sack 7=100 Kg sack								
5.2	5.3	5.4	5.5	5.6a	5.6b	5.7	5.8	5.9	5.10	5.11	5.12	5.13	5.14
51	Mango												
52	Date palm												
53	Orange												
54	Lemon												
55	Mandarin												
56	Grapefruit												
57	Tangerine												
58	Guava												
59	Pomegranate												
60	Apple												
61	Avocado												
62	Grapefruit												
63	Grapes												
64	Fig												
65	Strawberry												
66	Moringa												
67	Mahogany												
68	Pomme du Sahel												
69	Gomme arabique												
70	Ronier												

SECTION 6: EQUIPMENT FOR AGRICULTURE AND LIVESTOCK

Item	Code	Does the household possess [ITEM] ? 1=Yes 2=No▶ 6.12	How many [ITEM] does the household possess?	For how much could you sell this [ITEM] today ? (In FCFA)	How old is the last one you own ?	What was the price (or value) to acquire the last one? (In FCFA)	How many [ITEM] did you own exactly 12 months ago?	Did the household use [ITEM] in the last 12 months? 1=Yes 2=No	Has the household rented [ITEM] to other households during the last 12 months? 1=Yes 2=No▶ 6.12	How much did the household receive for the rental of [ITEM] in the last 12 months? (In FCFA)	Did the household borrow [ITEM] from other households or an NGO in the last 12 months? 1=Yes 2=No▶ next line	How much did the household spend to borrow [ITEM] during the last 12 months? (In FCFA)
6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10	6.11	6.12	6.13
Hoe, daba	01											
Machete, billhook, sickle	02											
Shovel, rake, binettes	03											
Pick, baramines	04											
Hilaire	05											
Axe/Hache-paille	06											
Lames sarcleuses	07											
Plow	08											
Cart	09											
Tractor	10											
Yoke	11											
Seeder	12											
Sprayer	13											
Poudreuse	14											
Watering can	15											
Motorized pump	16											
Thresher	17											
Grain storage	18											
Poultry pens	19											
Enclosure/cattle shed	20											
Generator	21											
Drying shed	22											
Sheller	23											
Baler	24											
Silos (conservation of hay)	25											

SECTION 7 : AGRICULTURAL EXTENSION SERVICE

Service	Code	Has the household or one of its members ever benefited from [SERVICE]?	Has the household or one of its members received [SERVICE] in either the dry season or the rainy season ?	Who provided the service ? 1=Agricultural extension service of the state 2=NGO 3=Cooperative 4=Producers association 5=Supplier 6=Others	How many visits has the household (all members combined) received ?	How many of these visits were requested by the household ?	How would you rate the quality of these visits ? 1=Excellent 2=Good 3=Rather average 4=Bad 5=Very bad ▶▶ next line	Why hasn't the household benefited from [SERVICE] ? 1="Don" think it is useful 2=Requested the service without success 3=Don't know about the service 4=Service not available in my area 5=Has already benefited 6=Not applicable
7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9
Outreach / extension training (farming techniques, mechanization, etc.).	01							
Awareness / training on the use of simple technologies forage treatment (choppers, balers etc.).	02							
Awareness / advice on the use of agricultural seeds	03							
Awareness / advice on the use of techniques for the improvement of animal breeds (eg artificial insemination)	04							
Awareness / advice on fertilizer use	05							
Awareness / advice on plant protection	06							
Awareness / consultations on irrigation	07							

SECTION 7 (CONT'D) : AGRICULTURAL EXTENSION SERVICES

Service	Code	Has the household or one of its members ever benefited from [SERVICE]?	Has the household or one of its members received [SERVICE] in either the dry season or the rainy season ?	Who provided the service ?	How many visits has the household (all members combined) received ?	How many of these visits were requested by the household ?	How would you rate the quality of these visits ?	Why hasn't the household benefited from [SERVICE] ?
		1=Yes 2=No ► next line	1=Yes 2=No ► 7.9	1=Agricultural extension service of the state 2=NGO 3=Cooperative 4=Producers association 5=Supplier 6=Others			1=Excellent 2=Good 3=Rather average 4=Bad 5=Very bad ►► next line	1=Don't think it is useful 2=Requested the service without success 3=Don't know about the service 4=Service not available in my area 5=Has already benefited 6=Not applicable
Awareness / advice on health, vaccination of livestock	08							
Awareness / advice on the storage and preservation of agricultural products	09							
Awareness / advice on the storage and preservation of livestock products	10							
Awareness / advice on the marketing of agricultural products	11							
Awareness / advice on the purchase of cattle feed	12							
Awareness / training on harvesting techniques, conservation of natural fodder	13							
Awareness on the conservation of crop residues for animal feed	14							
Awareness / advice on the purchase or sale of livestock or livestock products	15							

SECTION 8: CLIMATE CHANGES

SECTION 8A. LONG TERM CHANGES

During the last 5 years, have you noticed any of the following changes?			Due to climate changes (temperature, rainfall), has the household or one of its members adopted one of the following strategies?		
Type de change	Code		Strategy	Temperature 1=Yes 2=No	Rainfall 1=Yes 2=No
8A.1	8A.2		8A.3	8A.4	8A.5
1 Rainfall measure 1=No change 2=Less rain 3=More rain		01	Change seed varieties		
		02	Terrace the soil or use other methods to protect against erosion		
		03	Engage in contre-saison agriculture		
2 Distribution of rainfall in the year 1=No change 2=Better distribution 3=Worse distribution		04	Plant trees		
3 More frequent drought 1=Yes 2=No		05	Irrigate more intensively		
4 More frequent flood 1=Yes 2=No		06	Raise less livestock in order to increase agriculture		
5 Delay in the start of the rainy season 1=Yes 2=No		07	Raise fewer small ruminants and switch to cattle		
		08	Raise fewer cattle and switch to camels		
6 Rainy season finishes earlier 1=Yes 2=No		09	Adopt specific techniques to regenerate the grass cover favored by livestock		
7 Period of great heat 1=No change 2=Shorter 3=Longer		10	Raise fewer sheet and switch to goats		
		11	Migration of certain members of the household		
		12	Practice (diversify) more often other non-agricultural activities (diversify sources of revenue)		
		13	Rent or mortgage land		

SECTION 8B. RECENT CHANGES

8B.1	In your opinion, how was the beginning of the rainy season this year?	1=Early 2=On time 3=Late	
8B.2	In what month did the rainy season start this year?	01=January 02=February 03=March 04=April 05=May 06=June 07=July 08=August 09=September 10=October 11=November 12=December	
8B.3	What is your assessment of the amount of rainfall this year?	1 = Much below average 2 = Just below the average 3 = Average 4 = Just above the average 5 = Much above the average 6 = Do not know	
8B.4	In what month did you have the most rain this year?	01=January 02=February 03=March 04=April 05=May 06=June 07=July 08=August 09=September 10=October 11=November 12=December	