



Updates on Livestock activities - Mali

ILRI & AMEDD

March 2019



FEED THE FUTURE
The U.S. Government's Global Hunger & Food Security Initiative



USAID
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Sub-activity MA1121-18

Efficient feed utilization through improved feed troughs

Objective

The overall objective of this sub-activity is: (i) To test, validate and demonstrate the effect of improved feed troughs on feed utilization by both cattle and small ruminants in the 3 Africa RISING interventions in Koutiala. (ii) To build capacity of smallholder livestock keepers in improved feeding systems to reduce waste and improve animal productivity.



Sub-activity MA1121-18

Efficient feed utilization through improved feed troughs

Achievements

1. Design of improved feed troughs based on specifications from Africa RISING Ethiopia

M'Pessoba – 10 (5 cattle; 5 small ruminants)

Sirakele – 20 for small ruminants

Zanzoni - 15 small ruminants



Sub-activity MA1121-18

Efficient feed utilization through improved feed troughs

Achievements





Sub-activity MA1121-18

Efficient feed utilization through improved feed troughs

Achievements

2. Training of 45 farmers in the use of improved feed troughs

Date: 7 – 9 February, 2019

Date	Village	Number
07/02/2019	M'Pessoba	10
08/02/2019	Zanzoni	15
09/02/2019	Sirakele	20

Sub-activity MA1121-18

Efficient feed utilization through improved feed troughs

Achievements





Sub-activity MA1122-18

Perceived effect of feed-health intervention for improved small ruminant production on household nutrition and gender

Objective

To collect additional data on social and human domains to assess the feed-health intervention based on the 5 domains of the sustainable intensification assessment framework.



Sub-activity MA1122-18

Perceived effect of feed-health intervention for improved small ruminant production on household nutrition and gender

Achievements

1. Design of survey instrument on perceived effect of feed-health intervention for improvement of small ruminant production on gender and household nutrition.
2. Administration of the survey instrument and preliminary analysis of data collected
3. Manuscript on feed and health intervention has been submitted for journal publication. Revised manuscript based on reviewers' comments has been submitted

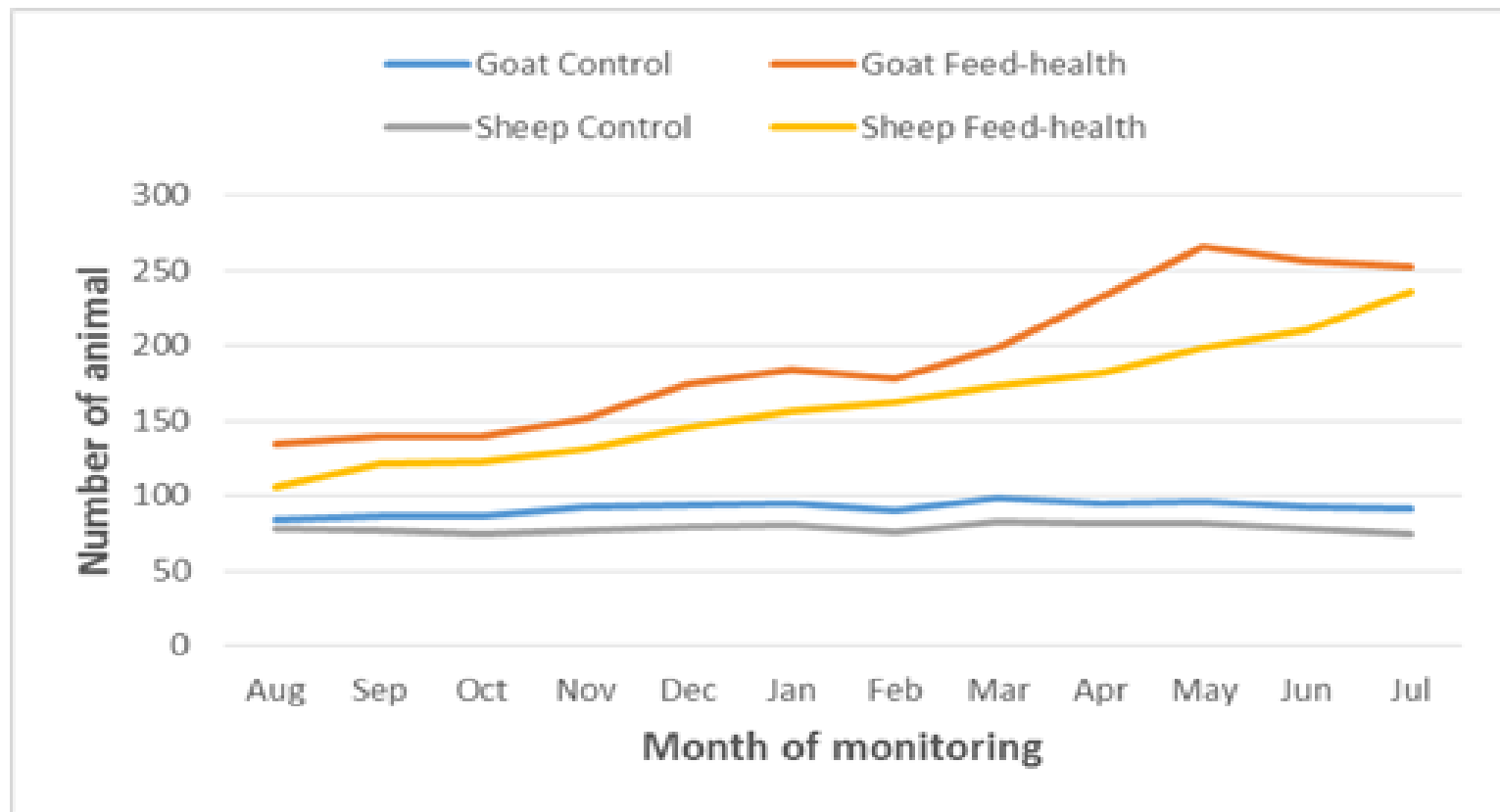


Sub-activity MA1122-18 – Some results

Variable	Zanzoni (Control n=20)	Sirakele (FH n=20)
Sex of household head		
Male (%)	85	75
Female (%)	15	25
Ethnic group		
Bambara (%)	5	0
Mianka (%)	65	100
Paulh (%)	30	0
Education level		
None (%)	30	45
Adult education (%)	40	50
Primary School (%)	25	5
Secondary School (%)	5	0



Sub-activity MA1122-18 – Some results



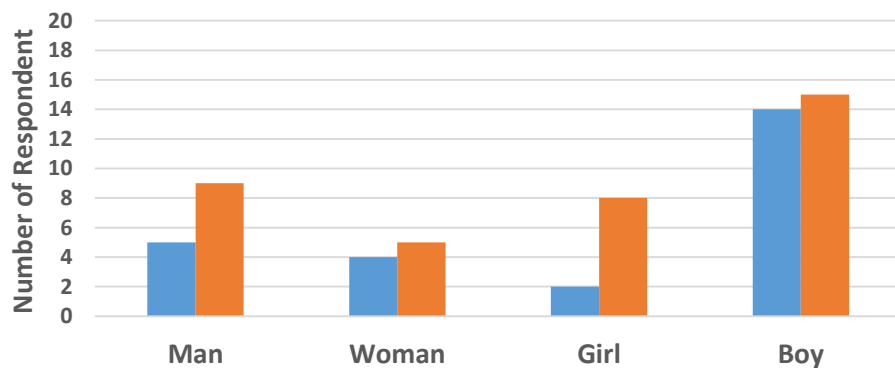
Feed and health intervention doubled household sheep and goat flocks in Mali within a year



Sub-activity MA1122-18 – Labour distribution

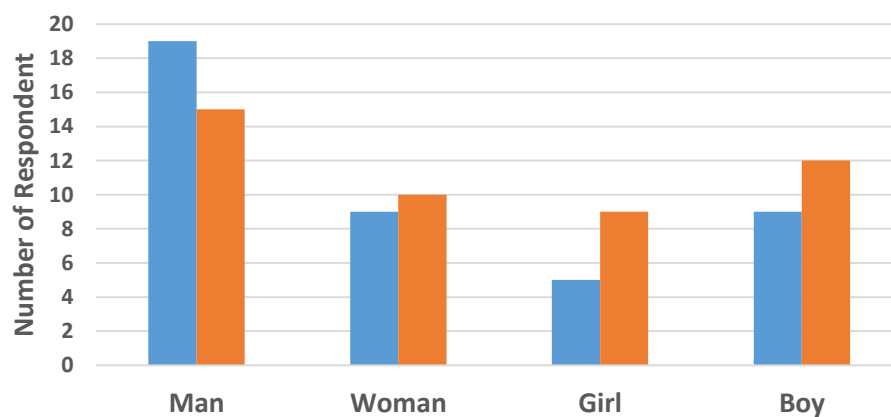
Taking out the animals
for grazing

Control Feed+Health



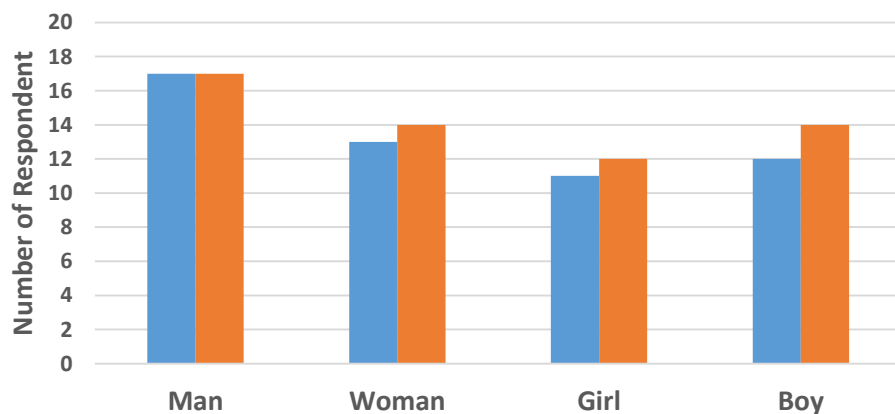
Search for feed

Control Feed+Health



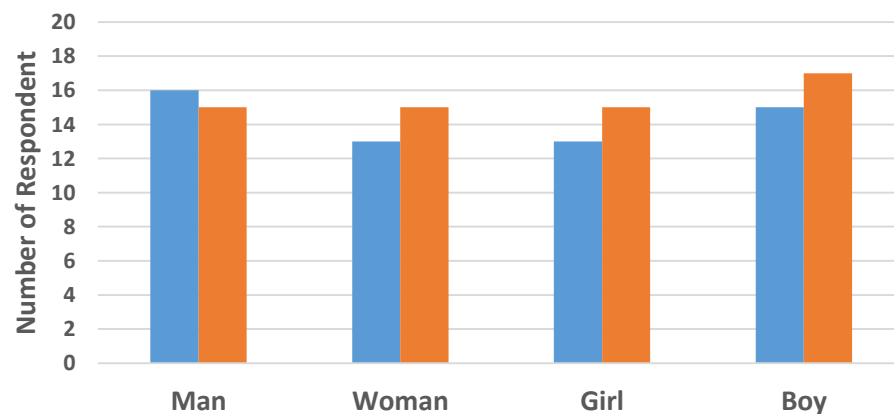
Feeding the animals

Control Feed+Health



Watering the animals

Control Feed+Health

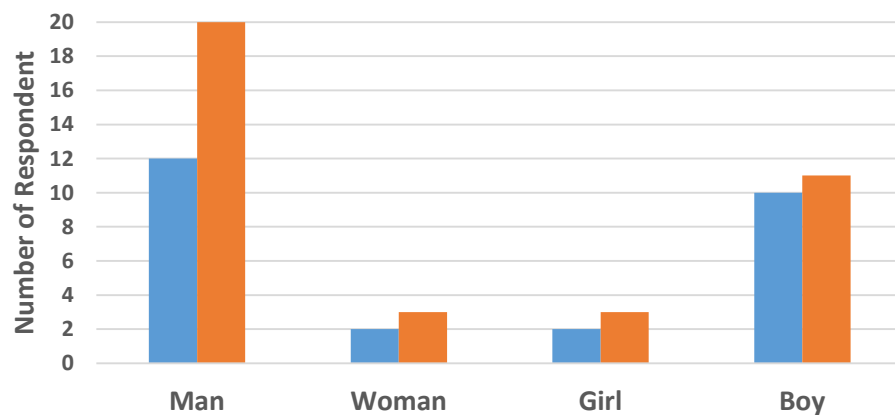




Sub-activity MA1122-18 – Labour distribution

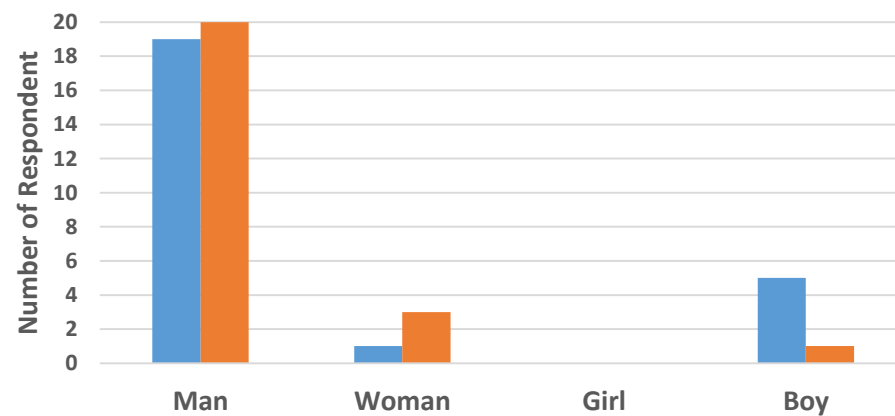
Animal health

Control Feed+Health



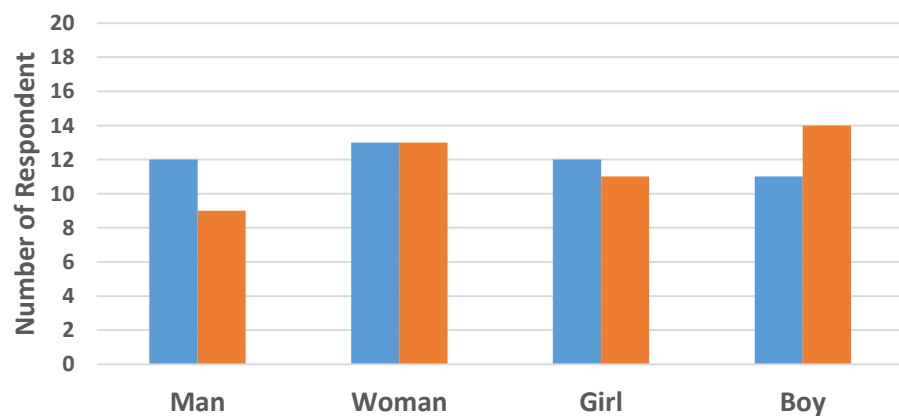
Sale of animals

Control Feed+Health



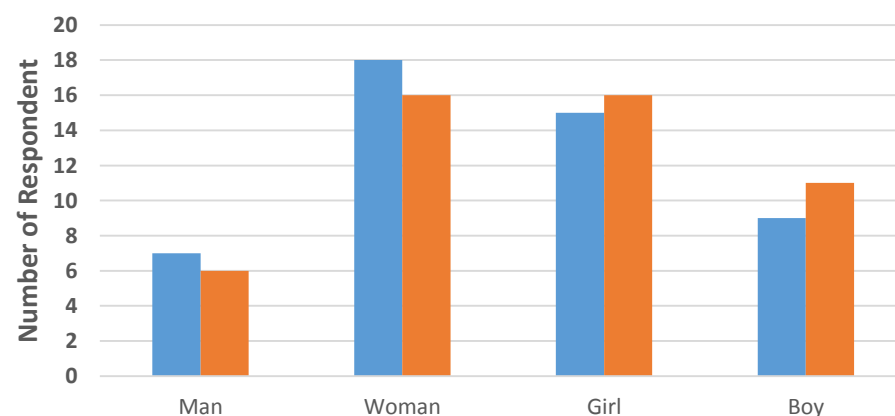
Manure collection

Control Feed+Health



Cleaning of animal shed

Control Feed+Health

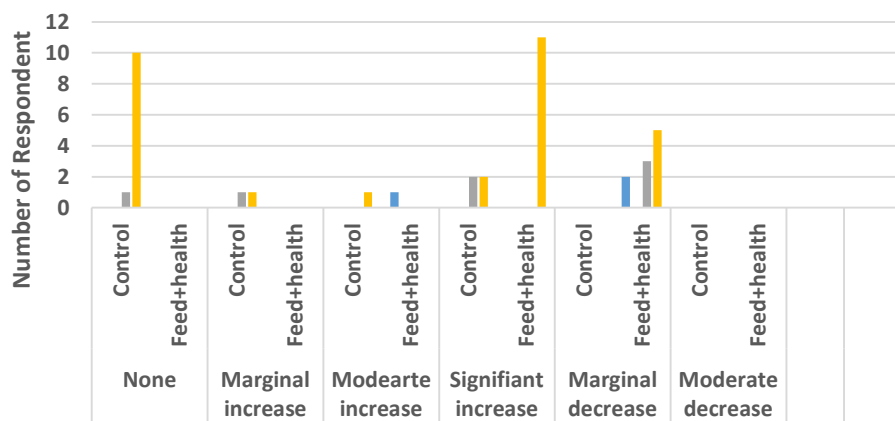




Sub-activity MA1122-18 – Perceived effect of FH

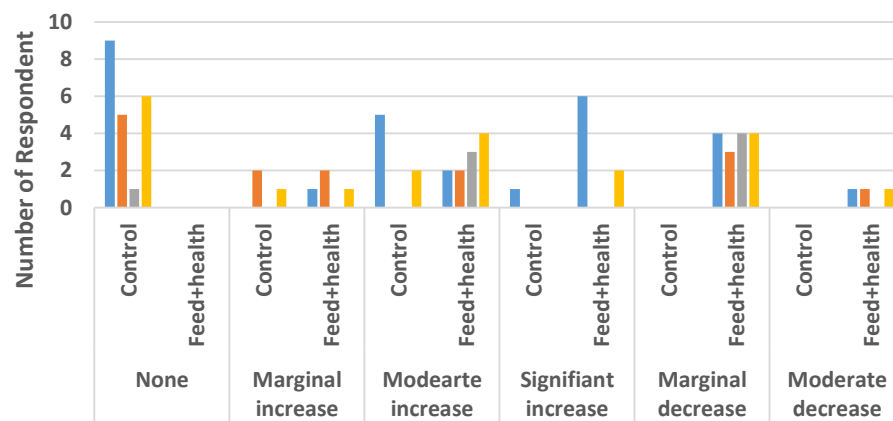
Taking animals out for grazing

Man Woman Girl Boy



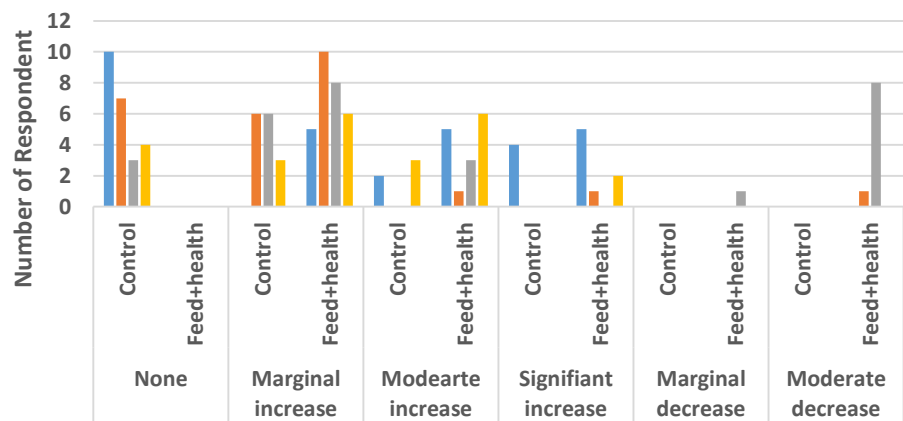
Search for feed

Man Woman Girl Boy



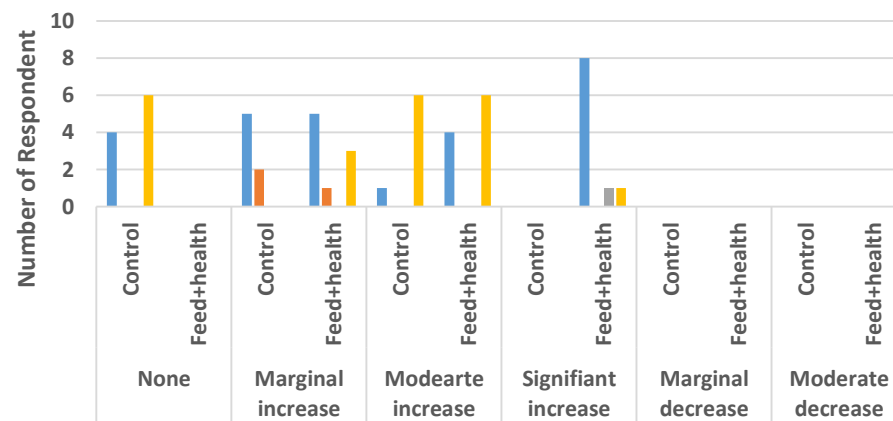
Giving feed to animals

Man Woman Girl Boy



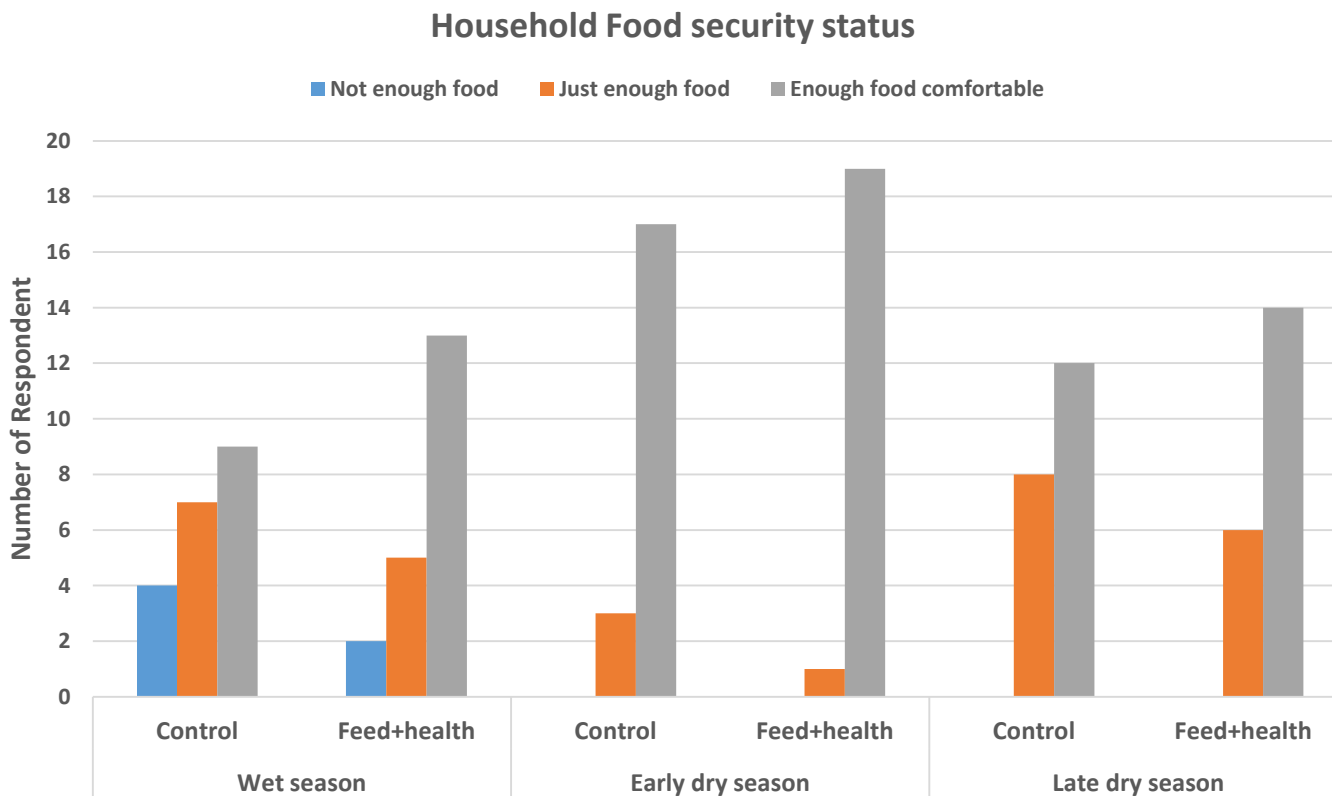
Animal health

Man Woman Girl Boy



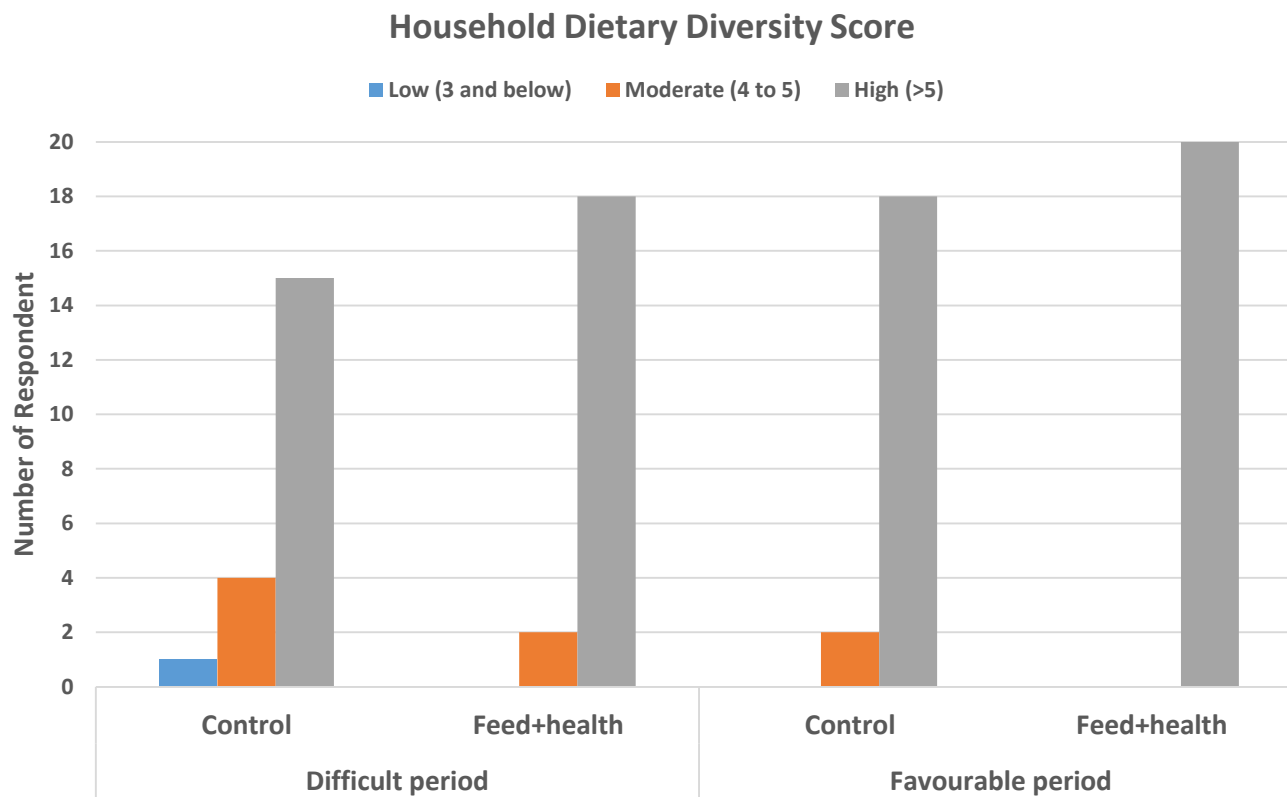


Sub-activity MA1122-18 – Household nutrition





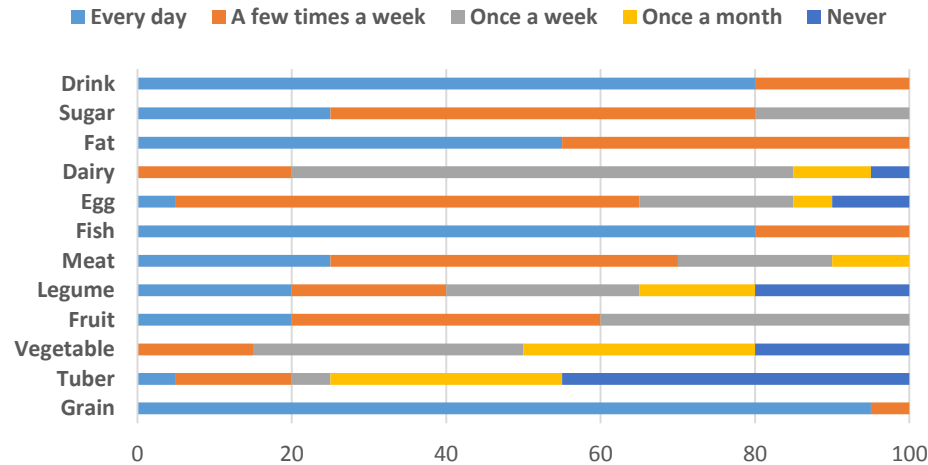
Sub-activity MA1122-18 – Household nutrition



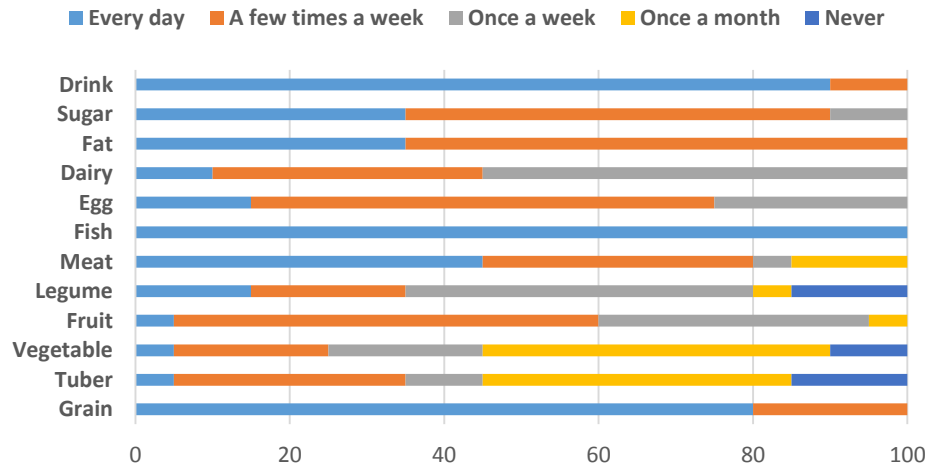


Sub-activity MA1122-18 – Dietary diversity

Diet diversity for control - Difficult period



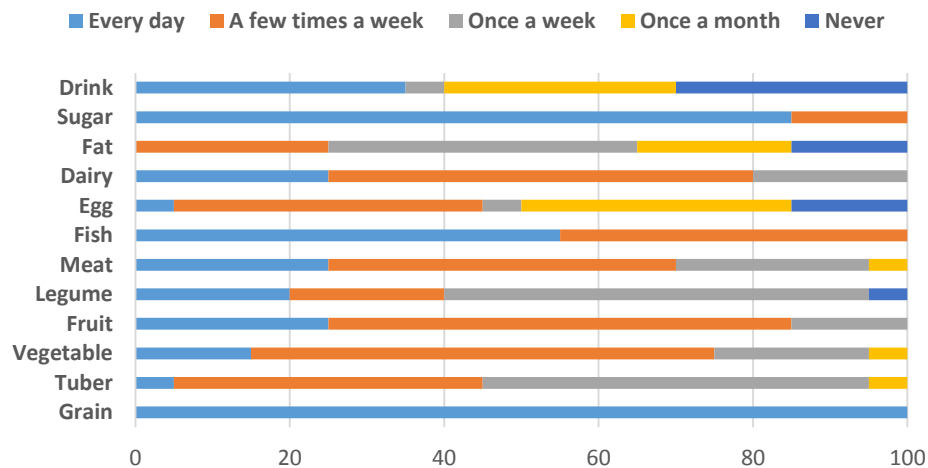
Diet diversity Feed+Health - Difficult period



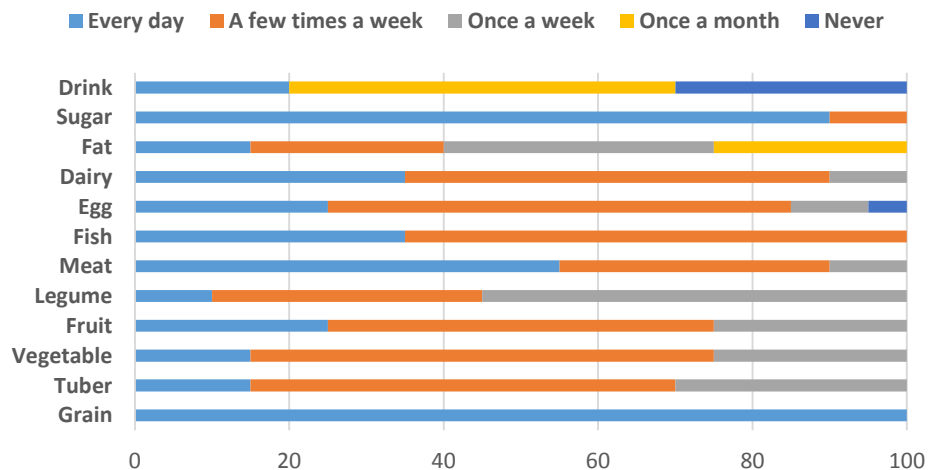


Sub-activity MA1122-18 – Dietary diversity

Dietary diversity control - Favourable period

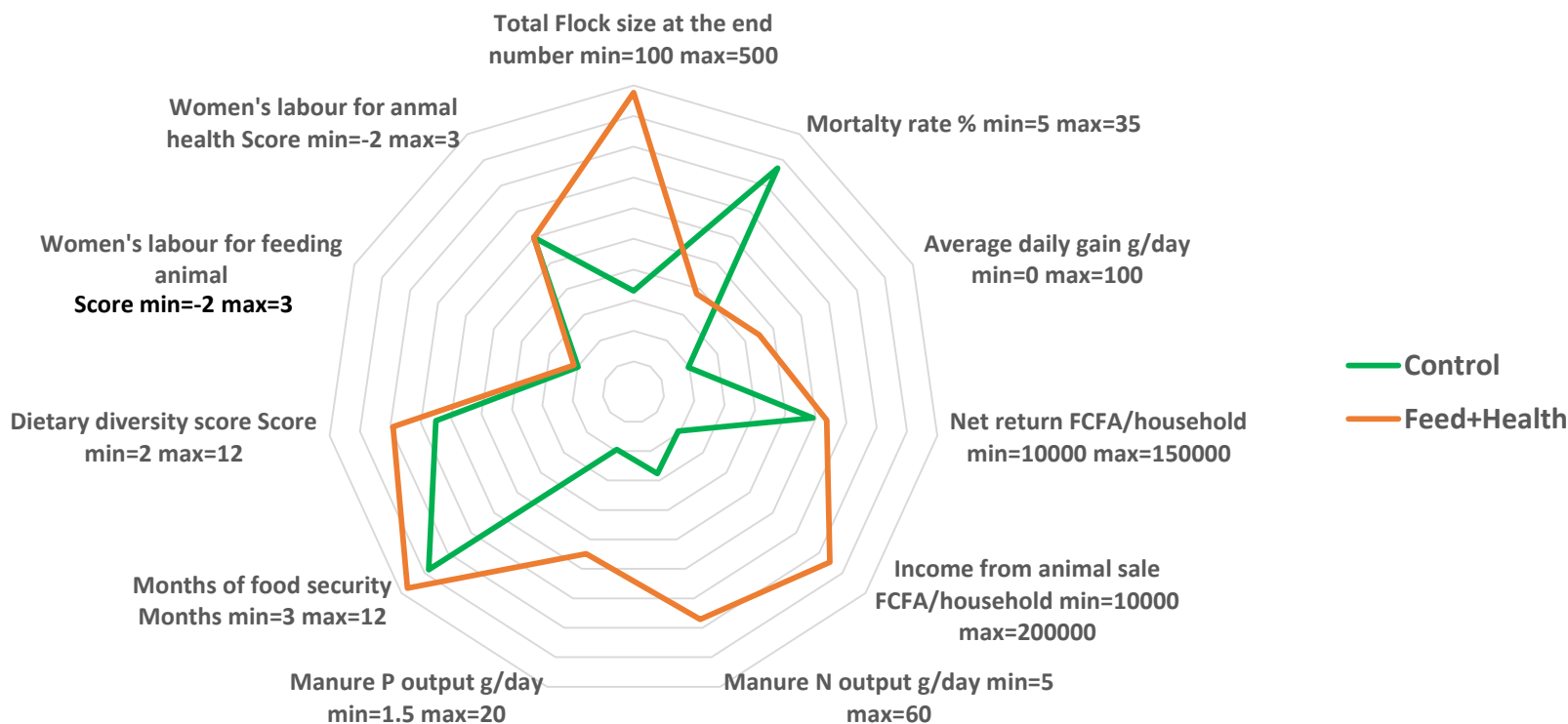


Dietary diversity Feed+Health - Favourable period





Sub-activity MA1122-18 – SI Framework Feed+Health intervention





Thank You

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