

## Building Resilient Communities in Somalia (BRCiS) DEVCO2 Endline Report

### SUMMARY

The Building Resilient Communities in Somalia Consortium (BRCiS) is implementing a two-year drought recovery and resilience program in Galgudud, Hiran and Mudug regions of Somalia, with the involvements of three of its Consortium Members consisting of Save the Children International (SCI), the International Rescue Committee (IRC) and Cooperazione e Sviluppo (CESVI). The following report analyses the progress made in impact-level indicators by comparing the baseline, midline and endline values of the programme. The key findings are as follow:

- **Households Demographics** - The average age of the heads of household was 42 years throughout the surveys, while the households size averaged 8.0 in baseline, 8.4 in midline and 8.8 in endline. The percentage of illiterate household heads slightly increased from 35.8% in baseline to 38.5 in the endline. There was a slight increase in percentage of IDP households from 10.2% in baseline to 11.9% in endline. In Galgadud, the percentage of IDP's decreased from 8.4% to 1.6% between the baseline and endline, in Hiran the percentage of IDP's increased from 1.9% to 5.3% between the baseline and endline while in Mudug, the percentage of IDP's increased from 18.2% to 28.2% between the baseline and endline.
- **Income & Expenditure** – Looking at the progress made, the percentage of households with female member(s) contributing to household income increased noticeably from 33% in baseline to 50% in the endline while the percentage of male members contributing to household income slightly decreased from 75% in the midline to 71% in the endline. The endline data showed a slight increase in the percentage of income spend on food i.e. from 98.7% in the baseline to 99.3% in the endline.
- **Debt, Savings & Credit** – In a welcome development, comparisons between the baseline and endline data showed 18% and 9% decrease in the percentage of households with in-kind and cash debt respectively. Notable examples of this reduction include households in Hiran where the percentage of households with debt in-kind decreased from 82.2% in baseline to 57.9% in endline. In Galgadud,

the percentage of households with debt in cash decreased from 96.2% to 77.2% between the baseline and endline. Relatedly, 81% and 73% of the households in baseline and endline respectively used the debt to purchase food. Further, the endline data showed that about 78% of respondents were able to access credit when they needed, mainly through shopkeepers. There were 3.1%, 4.4% and 7.5% increases in the percentage of households that accessed credit from shopkeepers/traders, friends and other relatives respectively between the baseline and endline. In another trend, the percentage of households who were able to save increased by 6.7% between the midline and endline i.e. from 5.2% to 11.9%. Over 90% of the respondents were not active in any savings group between the baseline and endline surveys.

- **WASH** – Importantly, a strong majority of households (84%) surveyed in the endline assessment reported access and sufficiency of water during normal periods with the majority of respondents having to pay for water. In regards to access to sufficient drinking water under normal conditions, there was an improvement i.e. from 53% to 84% between the baseline and endline. This increase was possible because of the 3.9%, 6% and 76% increases in Galgadud, Hiran and Mudug respectively. In regards to access to sufficient water for other uses under normal conditions, there was an improvement i.e. from 66% to 91% between the baseline and endline. This increase was possible because of the 4.1%, 21.2% and 45.1% increases in Galgadud, Hiran and Mudug respectively. In regards to access to sufficient water for other uses during drought, there was an improvement i.e. from 61% to 71% between the baseline and endline. This increase was possible because of the 15% and 16% increases in Hiran and Mudug respectively. Galgadud reported a 4.9% decrease in the percentage of households with access to sufficient water for other uses during drought between the baseline and endline. In regards to adult feces disposal, 62-83% of households across all three regions reported disposing of feces through a latrine in their house in endline survey. In particular, 83% of households in Galgadud disposed of feces through an in-house latrine at the endline survey. However, 1.6%, 15.2% and 16% of the surveyed households in Galgadud, Hiran and Mudug respectively, still practiced open defecation during the endline.
- **Household Resilience Capacities** – In a positive finding, the proportion of respondents agreeing with the statement that their household would be able to resist future shocks like drought, floods, diseases, or conflict rose markedly from 19% to 31% between midline and endline. Overall, surveyed households exhibited reduced coping through the reduced coping strategy index (CS-R), indicating better food security and resilience. In Mudug, it fell from 22 to 18 and

to 11 in baseline, midline and endline respectively. In regards to assets, the average Household Asset Score (HAS) revealed a small increase from 23 to 25 and to 28 between baseline, midline and endline respectively. At the regional level, the average HAS in Galgaadug increased significantly from 16 to 24 and to 34 between baseline, midline and endline, whereas it increased by 6 points in Mudug and decreased by 6 points in Hiran between midline and endline.

- **Community Resilience Capacities** – When asked about the village's ability to resist and successfully react to shocks like drought, floods, diseases, or conflict, the data indicated an improvement in the perspectives of households of their community's ability to face shocks in all regions. The percentage increased from 12% to 31% between the baseline and endline. In terms of village-level support received, the percentage of HHs reporting that their community was able to assist vulnerable households in times of difficulty rose from 32% to 38% between the baseline and endline.
- **Well-being indicators** – In a welcome development, on average, the Food Consumption Score (FCS) sharply improved from 39 to 60 between the midline and endline. This increase was possible because of the 14.7, 33.3 and 16.4 increases in Galgadud, Hiran and Mudug regions respectively between the midline and endline. The percentage of households with acceptable FCS increased from 55% in midline to 91% in the endline. This increase was possible because of the 36.4%, 33.2% and 37.6% increases in Galgadud, Hiran and Mudug regions respectively between the midline and endline. In regards to the Household Dietary Diversity Score (HDDS), it increased from 6.8 in midline to 8 in the endline on average. This increase was possible because of the 0.4, 1.1 and 2.1 increases in Galgadud, Hiran and Mudug regions respectively.

## INTRODUCTION

Funded by the European Commission's Directorate-General for International Cooperation and Development (DEVCO,) BRCiS-DEVCO 2 is a two-year drought recovery and resilience programme implemented by the Building Resilient Communities

in Somalia Consortium (BRCiS). The overall objective of the programme is to strengthen the resilience of drought-affected communities and IDP households, with a focus on targeting vulnerable and marginalized groups in Central and South Somalia who have not received any previous assistance. In more concrete terms, the programme set out to assist 85,580 individuals including drought-affected pastoralists, urban poor and IDPs in 38 communities across Hiran, Galgudud and Mudug regions of Somalia. Methodologically, the Consortium's approach balances the need for timely humanitarian assistance to specific shocks and stresses with the long-term strategy to build local capacity to deal with similar shocks in the future. In this sense, the project is intended to serve as a crisis modifier helping communities withstand shocks and enhance their absorptive capacities on the long-term.

DEVCO 2 is implemented by four of the five members of the BRCiS Consortium including project lead Norwegian Refugee Council (NRC) and three partners: Save the Children International (SCI), the International Rescue Committee (IRC) and Cooperazione e Sviluppo (CESVI). At a glance, the purpose of the programme is achieved by delivering three key outputs:

1. Increased community-based drought mitigation and preparedness measures
2. Strengthened physical infrastructure and improved Natural Resource Management (NRM)
3. Diversified livelihood options and increased productive livelihoods capacities

To facilitate progress in the listed outputs, the following programme activities has been implemented:

1. Under the first output of increasing community-level resilience to mitigate recurrent shocks and stresses, the project seeks to build community and local authority capacities to enhance community preparedness through training in Disaster Risk Reduction (DRR), support in developing community action plans (CAPs) as well as through the development of community-level early warning systems. Relatedly, this output includes an emergency component of water trucking, unconditional cash transfers as well as nutrition sensitisation and primary education.
2. Under output two, the programme activities aim to improve community water infrastructures by constructing boreholes as well as by rehabilitating and expanding water supply systems both for human and livestock consumption. This is complemented by a hygiene and sanitation scheme comprising of 1) community sensitisation on hygiene and sanitation through WASH committees 2) development of hygiene management plans 3) distribution of hygiene kits to the most vulnerable and newly displaced 4) a cleaning campaign through cash for work and 5) construction of communal latrines in IDP settlements and communal centres. Further, the protection of natural resources is enhanced through training

on natural resource management, rangeland pasture rehabilitation, watershed management as well as through the construction of soil conservation structures.

3. Within output three, the restoration of livelihoods and productive assets is primarily promoted through the creation and training of Village Saving Loan Associations (VSLAs) as well as through training in business development and microcredit schemes that specifically focus on women. In addition to providing market training, female-headed households are expected to benefit from a number of additional livelihoods interventions including but not limited to kits for fodder production, training in milk production, irrigation and breeding practices. Moreover, in an effort to improve livelihood restoration, the programme trains Community Animal Health Workers, providing enhanced livestock treatment services for vulnerable pastoralist in hard-to-reach areas.

### **Shocks and stresses experienced by DEVCO2 households**

Somali households participating in the DEVCO 2 programme were severely affected by below-average rains for multiple consecutive seasons, resulting in acute challenges including but not limited to population displacement, food insecurity, declining livestock production as well as increased malnutrition. At the time of the data collection, an estimation of 1.5 million people was facing acute food security crisis or worse, as indicated by the 2018 Post Gu Technical Release of the Food Security and Nutrition Analysis Unit Somalia of the Famine Early Warning System Network (FSNAU-FEWS NET with Hiraan being among one of the most severely hit regions. As the report revealed, the number of people whose nutrition situation was classified as Emergency (IPC 4) was 11,000 in Hiran, alongside 2000 individuals – mostly IDP and urban population groups from Beletweyne – who fell under Catastrophe (IPC 5) category.

## **SURVEY METHODOLOGY**

### **Sampling**

To set a basis for measuring programme impact, a baseline survey was conducted in August and September 2017 interviewing 1087 respondents, which constituted a representative sample of households participating under the DEVCO 2 resilience programme. Subsequently, another data collection round was organized one year later as a midline survey using the same sampling frame and lastly an endline survey was conducted in July to August 2020. As depicted by Table 1, both survey rounds were based on a sample of 578 households across Galgudud, Hiran and Mudug regions. The sample was calculated at region level, using a confidence interval of 95%, with a maximum 5.5% margin of error. 192 households were sampled in Galgudud, 193 sampled

in Hiran and 193 sampled in Mudug. Within these regions, the selection of communities and respondents within communities was conducted through cluster sampling. The total population represented was 29,708.

Table 1: DEVCO 2 Annual Survey Sampling Frame		
REGION	TOT HH POP IN TARGETED COMMUNITIES	Final Sample Size C.L. 95%; M.E. 7%; Contingency +2%
GALGUDUD	8,140	192
HIRAN	10,998	193
MUDUG	10,570	193
	<b>29,708</b>	<b>578</b>

### Questionnaire development, data collection and training of enumerators

The data collection for the DEVCO 2 endline survey took place in July and August 2020. The survey was conducted by the programme's field staff, who received a two-day training session before data collection. Whereas the first part of the event focused primarily on training enumerators in sampling methodology, the second day of the workshop was devoted solely to implementing pilot tests in the field, allowing the enumerators to practice and test the questionnaires to improve data collection and verification. In addition, the field staff was also trained in mobile data collection. Data was collected and stored on the ONA platform.

## SURVEY FINDINGS

### General Household Information

The age of the heads of household averaged 42 years across all regions with respondents in Hiran and Mudug reporting the ages of heads of households at roughly 44 years old and respondents in Galgadud reporting a lower average of 40 years old (see Appendix for all referred summary tables). Across all regions, the average household included roughly nine members in the endline which was a slight increase from the eight members in baseline and midline.

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	8.0	2.7	1	8	21	344
	Hiran	8.2	3.0	0	8	18	309
	Mudug	7.7	3.4	1	7	24	396
		<b>8.0</b>					<b>1049</b>
Midline	Galgadud	8.0	2.6	1	8	18	192
	Hiran	8.3	2.9	1	8	17	195
	Mudug	9.1	3.8	2	9	23	193
		<b>8.4</b>					<b>580</b>
Endline	Galgadud	8.6	3.3	1	9	22	189
	Hiran	9.3	2.5	3	9	18	171
	Mudug	8.6	3.1	2	8	22	188
		<b>8.8</b>					<b>548</b>

Additionally, in the endline, a strong majority (86%) reported the head of household to be married which was a slight increase from 85% in the midline. 7% of surveyed households across all surveyed regions reported the head of household to be either divorced/separated or widowed in the endline. Less than 0.5% of respondents reported the head of household to be single across all regions in the endline survey. Across all surveyed regions, 60% of households in the sample were led by individuals who could read and write with the highest percentage being in Mudug region i.e. 69%.

83.2% of respondents in the endline reported permanent residence during the course of the research. Roughly 12% of surveyed households classified themselves as internally displaced persons (IDP), which is a noticeable decrease compared to the midline value when it stood at 16%. Looking at the regional level, IDP households at the endline survey were more heavily represented in Mudug where roughly 28% of respondents identified their households as internally displaced.



Survey	Region	Internally displaced household	All household members migrate	Permanently resident in this location	Refugee household	Household of returnees (were IDP before, displaced inside Somalia)	Some household members permanently resident in this location while other members regularly migrate	Returned Refugees	Total
Baseline	Galgadud	29 ( 8.4%)	2 (0.6%)	309 (89.8%)	1 (0.3%)	0 (0.0%)	3 (0.9%)	0 (0.0%)	344 (100.0%)
	Hiran	6 ( 1.9%)	2 (0.6%)	286 (92.6%)	13 (4.2%)	0 (0.0%)	1 (0.3%)	1 (0.3%)	309 (100.0%)
	Mudug	72 (18.2%)	16 (4.0%)	280 (70.7%)	11 (2.8%)	3 (0.8%)	14 (3.5%)	0 (0.0%)	396 (100.0%)
	<b>Total</b>	<b>107 (10.2%)</b>	<b>20 (1.9%)</b>	<b>875 (83.4%)</b>	<b>25 (2.4%)</b>	<b>3 (0.3%)</b>	<b>18 (1.7%)</b>	<b>1 (0.1%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	5 ( 2.6%)	3 (1.6%)	155 (80.7%)	6 (3.1%)	13 (6.8%)	10 (5.2%)		192 (100.0%)
	Hiran	30 (15.4%)	0 (0.0%)	164 (84.1%)	1 (0.5%)	0 (0.0%)	0 (0.0%)		195 (100.0%)
	Mudug	58 (30.1%)	1 (0.5%)	125 (64.8%)	2 (1.0%)	1 (0.5%)	6 (3.1%)		193 (100.0%)
	<b>Total</b>	<b>93 (16.0%)</b>	<b>4 (0.7%)</b>	<b>444 (76.6%)</b>	<b>9 (1.6%)</b>	<b>14 (2.4%)</b>	<b>16 (2.8%)</b>		<b>580 (100.0%)</b>
Endline	Galgadud	3 ( 1.6%)	3 (1.6%)	180 (95.2%)	3 (1.6%)	0 (0.0%)	0 (0.0%)		189 (100.0%)
	Hiran	9 ( 5.3%)	1 (0.6%)	145 (84.8%)	15 (8.8%)	0 (0.0%)	1 (0.6%)		171 (100.0%)
	Mudug	53 (28.2%)	0 (0.0%)	131 (69.7%)	0 (0.0%)	4 (2.1%)	0 (0.0%)		188 (100.0%)
	<b>Total</b>	<b>65 (11.9%)</b>	<b>4 (0.7%)</b>	<b>456 (83.2%)</b>	<b>18 (3.3%)</b>	<b>4 (0.7%)</b>	<b>1 (0.2%)</b>		<b>548 (100.0%)</b>

## Income, Expenses, Debt, Savings

With regard to income sources, over 45% cited casual labor as the main source of income at the endline, compared to other livelihood opportunities with an exception of Hiraan where only 37% of households cited casual labor as their main source of income. Further, at the time of the endline survey, petty trade served as main source of income for 28% of households in Hiraan which was an increase from the previous 14% in the midline. In contrast to other regions, respondents in Hiraan indicated a higher reliance on agriculture with 17% of respondents reporting this as their main source of income.

The data indicates considerable changes in household income contributors within a household between men and women. In a positive trend, the fraction of households with no female member contributing to household income decreased gradually from 67% to 55% and to 51% in the endline, while no significant change was seen in financial contributions coming from male members. More precisely, across all surveyed households in all regions, 45% of the households reported no women contributed to household income with an exception of Mudug who reported 61%.

Looking across all regions, over 60% of surveyed households agreed with the statement that only the head of household takes decisions about how the household income is spent with an exception of Galgadud where only 48% agreed with the statement. This was a drastic decrease from the reported 81% in Galgadud during the midline.

Perhaps not surprisingly, the large majority of respondents cited food as the main household expense with no major change from baseline to endline. Surveyed households



rarely selected the other options of education, healthcare, rent, or household needs as primary needs in terms of household spending.

Survey	Region	Education	Food	Health care	Household needs (e.g. clothes)	House rent	Total
Baseline	Galgadud	3 (0.9%)	341 (99.1%)	0 (0.0%)	0 (0.0%)		344 (100.0%)
	Hiran	0 (0.0%)	306 (99.0%)	1 (0.3%)	2 (0.6%)		309 (100.0%)
	Mudug	4 (1.0%)	388 (98.0%)	3 (0.8%)	1 (0.3%)		396 (100.0%)
	<b>Total</b>	<b>7 (0.7%)</b>	<b>1035 (98.7%)</b>	<b>4 (0.4%)</b>	<b>3 (0.3%)</b>		<b>1049 (100.0%)</b>
Midline	Galgadud	1 (0.5%)	189 (98.4%)	0 (0.0%)	1 (0.5%)	1 (0.5%)	192 (100.0%)
	Hiran	1 (0.5%)	193 (99.0%)	1 (0.5%)	0 (0.0%)	0 (0.0%)	195 (100.0%)
	Mudug	0 (0.0%)	191 (99.0%)	0 (0.0%)	2 (1.0%)	0 (0.0%)	193 (100.0%)
	<b>Total</b>	<b>2 (0.3%)</b>	<b>573 (98.8%)</b>	<b>1 (0.2%)</b>	<b>3 (0.5%)</b>	<b>1 (0.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	0 (0.0%)	189 (100.0%)	0 (0.0%)	0 (0.0%)		189 (100.0%)
	Hiran	1 (0.6%)	169 (98.8%)	0 (0.0%)	1 (0.6%)		171 (100.0%)
	Mudug	1 (0.5%)	186 (98.9%)	1 (0.5%)	0 (0.0%)		188 (100.0%)
	<b>Total</b>	<b>2 (0.4%)</b>	<b>544 (99.3%)</b>	<b>1 (0.2%)</b>	<b>1 (0.2%)</b>		<b>548 (100.0%)</b>

Overall, 56% and 82% of households reported holding in-kind and cash debt respectively at the time of the endline survey. However, the data revealed significant improvements: the percentage of households from in-kind debt fell from 74% to 67% and to 56% in the endline, while 82% reported to have debt cash in both midline and endline. Further, well over half of surveyed households carried both in-kind and cash debt. Nevertheless, comparisons between the midline and endline indicate a reduction in the percentage of households with in-kind and cash debt in all regions. Notable examples of this reduction include households in Hiran where the percentage of households with in-kind debt reduced from 80% of households to 58% between rounds. In Galgadud, the percentage of households with debt in cash decreased from 93% in midline and to 77% in endline survey. When asked what the household used the debt for, 73% of households reported assuming debt to purchase food. Food costs aside, the use of debt for other purchases remained minimal with the exception of the health services/drugs among 11% of households in Mudug.

Overall, the majority of surveyed households in the endline cited access to credit if needed with 22% of respondents reporting a lack of access. More households in Mudug reported access to credit than in Hiran with 84% of households in the former region and 73% of households in the latter region reporting access. This marked an increase in the percentage of households having access to credit if needed from 61% in the midline to 78% in the endline. Among households with access to credit, respondents highlighted the top two sources of credit as primarily from shopkeepers and secondarily from other non-household member or household members depending on region. Surveyed households in Hiran shared less access to credit from shopkeepers than households in Galgadud and Mudug in the endline.

Looking across the entire sample, 90% of the surveyed households we're not involved in 'ayuto' or other saving groups in baseline, midline and endline with little variation between surveyed regions. This marks an increase from the 6% in the midline to 10% in the endline when households reported engagement with a savings group. Similarly, the majority of households across all regions reported not being able to save income. Between 81-97% of surveyed households in each of the regions reported being unable to save any income with only 3% of households in Hiran stating the availability of funds after expenses. Relative to surveyed households in the baseline, percentages of households unable to save in Galgadud and Mudug remained similar. However, the endline saw an increase in sampled households from 94% of households to 97% of households in Hiran reporting an inability to save household income.

Is your household able to save?	Region	No	Yes	Total
Baseline	Galgadud	268 (77.9%)	76 (22.1%)	344 (100.0%)
	Hiran	297 (96.1%)	12 (3.9%)	309 (100.0%)
	Mudug	386 (97.5%)	10 (2.5%)	396 (100.0%)
	<b>Total</b>	<b>951 (90.7%)</b>	<b>98 (9.3%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	179 (93.2%)	13 (6.8%)	192 (100.0%)
	Hiran	183 (93.8%)	12 (6.2%)	195 (100.0%)
	Mudug	188 (97.4%)	5 (2.6%)	193 (100.0%)
	<b>Total</b>	<b>550 (94.8%)</b>	<b>30 (5.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	164 (86.8%)	25 (13.2%)	189 (100.0%)
	Hiran	166 (97.1%)	5 (2.9%)	171 (100.0%)
	Mudug	153 (81.4%)	35 (18.6%)	188 (100.0%)
	<b>Total</b>	<b>483 (88.1%)</b>	<b>65 (11.9%)</b>	<b>548 (100.0%)</b>

Engages in 'ayuto' or other saving groups?	Region	Yes	No	Total
Baseline	Galgadud	81 (23.5%)	263 (76.5%)	344 (100.0%)
	Hiran	11 (3.6%)	298 (96.4%)	309 (100.0%)
	Mudug	10 (2.5%)	386 (97.5%)	396 (100.0%)
	<b>Total</b>	<b>102 (9.7%)</b>	<b>947 (90.3%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	12 (6.2%)	180 (93.8%)	192 (100.0%)
	Hiran	15 (7.7%)	180 (92.3%)	195 (100.0%)
	Mudug	10 (5.2%)	183 (94.8%)	193 (100.0%)
	<b>Total</b>	<b>37 (6.4%)</b>	<b>543 (93.6%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	24 (12.7%)	165 (87.3%)	189 (100.0%)
	Hiran	13 (7.6%)	158 (92.4%)	171 (100.0%)
	Mudug	20 (10.6%)	168 (89.4%)	188 (100.0%)
	<b>Total</b>	<b>57 (10.4%)</b>	<b>491 (89.6%)</b>	<b>548 (100.0%)</b>

## **Shelter, Water and Sanitation**

In terms of water sources, surveyed households across all regions tended to have access to primarily motorized boreholes and Burqads (rain catchments) with 48% of households reporting use of the former and 19% using the latter, as endline data revealed. Other water sources of frequency include rivers, shallow wells, unprotected shallow wells, and water kiosks. In Galgadud, the main source of water centered around motorized boreholes with 84% of households reliant on this water source. In Hiran, 21% of households reported using Burqads but also showed access to other water sources such as motorized boreholes, the river, as well as unprotected shallow wells with between 13-18% of households reporting access to these aforementioned sources. Similar to Hiran, 38% of households in Mudug relied on Burqads with 39% of surveyed households reported sourcing drinking water from motorized boreholes in the endline.

In terms of unprotected water sources, only 4.9% and 0.2% of respondents reported relying on unprotected shallow wells or unprotected springs respectively for drinking water. Only respondents in Hiran reported relying on a river for drinking water but no indications on post-treatment of collected water.

In contrast with other regions, more households surveyed in Galgadud reported access and sufficiency of water for drinking and other uses during normal periods and during drought. In fact, a strong majority of households (88 - 99%) surveyed in the endline assessment reported access and sufficiency of water during normal and drought periods. In Hiran, 63-80% of surveyed households in the endline reported having access to enough water for both drinking and other uses during normal times and during drought. In Mudug, 89 – 93% of surveyed households in the endline reported having access to enough water for drinking during normal periods, an improvement from the midline where only 32-58% of surveyed households reported likewise.

While the majority of respondents in Galgadud reported access and sufficiency of water, the data collected in the endline indicates the majority of these respondents have to pay for the water. 90% of respondents in Galgadud reported having to pay for both drinking water as well as water for other purposes with minimal changes between rounds. Similarly, roughly 92% of surveyed households in Mudug reported having to pay for water for drinking with 79% paying for other purposes water. Lastly, in Hiran, 73-80% of households stated having to pay for drinking water. This was a 10% decrease from the midline.

In regards to feces disposal, 62-83% of households across all three regions reported disposing of feces through a latrine in their house. In particular, 83% of households in Galgadud disposed of feces through an in-house latrine at endline. Otherwise, households reported relying on the latrines in other households or in the village. However, over 15% of households in Mudug and Hiran reported either

defecating in the bush or outside in the endline, showing the highest percentages compared to Galgadud.

Survey	Region	In the bush / open space	Latrine in the house	Latrine belonging to another household	Latrine belonging to village	Outside, near the house	Total
Baseline	Galgadud	7 ( 2.0%)	278 (80.8%)	15 (4.4%)	40 (11.6%)	4 (1.2%)	344 (100.0%)
	Hiran	48 (15.5%)	208 (67.3%)	22 (7.1%)	19 ( 6.1%)	12 (3.9%)	309 (100.0%)
	Mudug	10 ( 2.5%)	294 (74.2%)	36 (9.1%)	28 ( 7.1%)	28 (7.1%)	396 (100.0%)
	<b>Total</b>	<b>65 ( 6.2%)</b>	<b>780 (74.4%)</b>	<b>73 (7.0%)</b>	<b>87 ( 8.3%)</b>	<b>44 (4.2%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	0 ( 0.0%)	156 (81.2%)	32 (16.7%)	2 ( 1.0%)	2 ( 1.0%)	192 (100.0%)
	Hiran	20 (10.3%)	110 (56.4%)	23 (11.8%)	19 ( 9.7%)	23 (11.8%)	195 (100.0%)
	Mudug	9 ( 4.7%)	120 (62.2%)	23 (11.9%)	30 (15.5%)	11 ( 5.7%)	193 (100.0%)
	<b>Total</b>	<b>29 ( 5.0%)</b>	<b>386 (66.6%)</b>	<b>78 (13.4%)</b>	<b>51 ( 8.8%)</b>	<b>36 ( 6.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	0 (0.0%)	156 (82.5%)	28 (14.8%)	2 ( 1.1%)	3 ( 1.6%)	189 (100.0%)
	Hiran	9 (5.3%)	113 (66.1%)	6 ( 3.5%)	26 (15.2%)	17 ( 9.9%)	171 (100.0%)
	Mudug	3 (1.6%)	116 (61.7%)	32 (17.0%)	10 ( 5.3%)	27 (14.4%)	188 (100.0%)
	<b>Total</b>	<b>12 (2.2%)</b>	<b>385 (70.3%)</b>	<b>66 (12.0%)</b>	<b>38 ( 6.9%)</b>	<b>47 ( 8.6%)</b>	<b>548 (100.0%)</b>

## RESILIENCE CAPACITIES AND WELL-BEING OUTCOMES AT THE HOUSEHOLD LEVEL

### Households Anticipated Responses to Recurrent Hazards

When asked about coping strategies employed in case of drought, respondents tended to rely on a few key strategies. 47-56% of all respondents surveyed in Galgadud and Mudug reported relying on migrating of some or all household members while only 23% in Hiran relied on migrating. 16-20% of households asked relatives within community or the community itself for help in Hiran and Mudug with only 4% in Galgadud asking relatives within community or the community itself for help. 31% of the interviewed households in Hiran relied on relatives outside the community for help to cope with drought. Other coping strategies included selling assets, which 18% of surveyed households in Galgadud reported employing. 12-28% of households across all regions reported not doing anything.

In terms of household coping to flooding, 47% of surveyed households indicated relocating the entire household, likely due to the inoperability of agricultural land or unavailability of grazing vegetation for livestock. Migration aside, 17% of households indicated relying on asking for help from the community, relatives within the community, or from NGOs and the UN.

When asked whether a respondent believed his/her household would be able to resist shocks like drought, floods, diseases, of conflict, 43% either agreed or strongly agreed . The data revealed some incremental progress: **the proportion of respondents agreeing with this statement rose from 19% to 31% between midline and endline**. 45% of the households in Mudug agreed that their household would be able to resist shocks like drought, floods, diseases, of conflict which was a major improvement from a 4% in the midline. However 34% of the households in Hiran didn't not feel capable.

Survey	Region	Agree	Disagree	Don't know	Neutral (neither agree nor disagree)	Strongly agree	Strongly disagree	Total
Baseline	Galgadud	14 ( 4.1%)	161 (46.8%)	53 (15.4%)	91 (26.5%)	20 (5.8%)	5 ( 1.5%)	344 (100.0%)
	Hiran	98 (31.7%)	122 (39.5%)	0 ( 0.0%)	25 ( 8.1%)	21 (6.8%)	43 (13.9%)	309 (100.0%)
	Mudug	18 ( 4.5%)	182 (46.0%)	3 ( 0.8%)	62 (15.7%)	11 (2.8%)	120 (30.3%)	396 (100.0%)
	<b>Total</b>	<b>130 (12.4%)</b>	<b>465 (44.3%)</b>	<b>56 ( 5.3%)</b>	<b>178 (17.0%)</b>	<b>52 (5.0%)</b>	<b>168 (16.0%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	72 (37.5%)	50 (26.0%)	2 (1.0%)	33 (17.2%)	23 (12.0%)	12 ( 6.2%)	192 (100.0%)
	Hiran	32 (16.4%)	87 (44.6%)	0 (0.0%)	31 (15.9%)	29 (14.9%)	16 ( 8.2%)	195 (100.0%)
	Mudug	8 ( 4.1%)	77 (39.9%)	2 (1.0%)	19 ( 9.8%)	3 ( 1.6%)	84 (43.5%)	193 (100.0%)
	<b>Total</b>	<b>112 (19.3%)</b>	<b>214 (36.9%)</b>	<b>4 (0.7%)</b>	<b>83 (14.3%)</b>	<b>55 ( 9.5%)</b>	<b>112 (19.3%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	54 (28.6%)	28 (14.8%)	2 (1.1%)	41 (21.7%)	40 (21.2%)	24 (12.7%)	189 (100.0%)
	Hiran	31 (18.1%)	58 (33.9%)	0 (0.0%)	39 (22.8%)	11 ( 6.4%)	32 (18.7%)	171 (100.0%)
	Mudug	85 (45.2%)	23 (12.2%)	1 (0.5%)	48 (25.5%)	12 ( 6.4%)	19 (10.1%)	188 (100.0%)
	<b>Total</b>	<b>170 (31.0%)</b>	<b>109 (19.9%)</b>	<b>3 (0.5%)</b>	<b>128 (23.4%)</b>	<b>63 (11.5%)</b>	<b>75 (13.7%)</b>	<b>548 (100.0%)</b>

## **Well-being Indicators**

### *The household food consumption score (HFCS)*

When looking at the food consumption score (FCS) of households between the midline and endline, major increments in the average FCS occurred across all regions i.e. 42.2 to 56.9 in Galgadud, 35.8 to 69.1 in Hiran and 38.8 to 55.2 in Mudug. The average FCS score increased from 39.0 to 60.4 between the midline and endline in all surveyed households.

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	45.7	22.0	7.5	42.75	91	344
	Hiran	32.8	15.1	0	33	72	309
	Mudug	40.5	19.5	4.5	41.5	87.5	396
		<b>39.7</b>					<b>1049</b>
Midline	Galgadud	42.2	18.5	0	40	99	192
	Hiran	35.8	17.6	3.5	36.5	83.5	195
	Mudug	38.8	20.3	0.5	37	85	193
		<b>39.0</b>					<b>580</b>
Endline	Galgadud	56.9	13.7	23	55.5	97.5	189
	Hiran	69.1	25.0	20	70	112	171
	Mudug	55.2	16.6	17.5	55.5	96.5	188
		<b>60.4</b>					<b>548</b>

These shifts are mirrored when looking at the percentage of households within the acceptable range of FCS with an increase from 58.3% to 94.7% of households within the acceptable range in Galgadud, an increase from 52.8% to 86.0% in Hiran and an increase from 52.8% to 90.4% of households in Mudug. There were major decreases in percentage of households in borderline and poor categories in all surveyed households i.e from 26.0% to 9.1% for borderline category and from 19.3% to 0.4% for the poor category.

Survey	Region	Acceptable	Borderline	Poor	Total
Baseline	Galgadud	218 (63.4%)	67 (19.5%)	59 (17.2%)	344 (100.0%)
	Hiran	143 (46.3%)	95 (30.7%)	71 (23.0%)	309 (100.0%)
	Mudug	233 (58.8%)	77 (19.4%)	86 (21.7%)	396 (100.0%)
	<b>Total</b>	<b>594 (56.6%)</b>	<b>239 (22.8%)</b>	<b>216 (20.6%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	112 (58.3%)	61 (31.8%)	19 (9.9%)	192 (100.0%)
	Hiran	103 (52.8%)	46 (23.6%)	46 (23.6%)	195 (100.0%)
	Mudug	102 (52.8%)	44 (22.8%)	47 (24.4%)	193 (100.0%)
	<b>Total</b>	<b>317 (54.7%)</b>	<b>151 (26.0%)</b>	<b>112 (19.3%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	179 (94.7%)	10 (5.3%)	0 (0.0%)	189 (100.0%)
	Hiran	147 (86.0%)	23 (13.5%)	1 (0.6%)	171 (100.0%)
	Mudug	170 (90.4%)	17 (9.0%)	1 (0.5%)	188 (100.0%)
	<b>Total</b>	<b>496 (90.5%)</b>	<b>50 (9.1%)</b>	<b>2 (0.4%)</b>	<b>548 (100.0%)</b>

The Household Dietary Diversity Score serves as a proxy measure of household food access with a higher score indicating more access and diversity in food selection. Averages of this score by region show major increases between the midline and endline in all interviewed households. The data indicated a 0.4 point increase of the HDDS score in Galgadud i.e. from 7.6 to 8.0, a 1.1 increase in Hiran i.e. from 7.7 to 8.8 and a 2.1 increase in Mudug i.e. from 5.2 to 7.3.

Survey	Region	Mean	Standard deviation	min	Median	Maximum	N
Baseline	Galgadud	8.1	2.0	3	8	15	344
	Hiran	7.0	2.4	0	7	12	309
	Mudug	5.7	2.8	0	6	16	396
		<b>7.0</b>					<b>1049</b>
Midline	Galgadud	7.6	2.2	1	8	13	192
	Hiran	7.7	3.4	2	7	15	195
	Mudug	5.2	2.1	1	5	11	193
		<b>6.8</b>					<b>580</b>
Endline	Galgadud	8.0	1.9	4	8	12	189
	Hiran	8.8	2.1	4	9	14	171
	Mudug	7.3	2.2	3	7	13	188
		<b>8.0</b>					<b>548</b>

### The Reduced Coping Strategy Index (CS-R)

On average, there was a slight decrease from 12.4 in the midline to 10.1 in the endline in the reduced coping through the reduced coping strategy index (CS-R), indicating better food security and resilience in the surveyed households. In Galgadud, the average CS-R score increased from 9.0 in the midline to 9.7 in the endline, in Hiran region, the average CS-R remained constant at 9.7 with the index decreasing from 18.3 to 11.0 in Mudug between the midline and endline.

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	14.8	9.7	0	12	50	344
	Hiran	14.1	9.1	0	11	45	309
	Mudug	21.6	10.7	0	21	56	396
		<b>16.8</b>					<b>1049</b>
Midline	Galgadud	9.0	4.8	0	8	23	192
	Hiran	9.7	5.2	0	9	35	195
	Mudug	18.3	12.3	0	16	54	193
		<b>12.4</b>					<b>580</b>
Endline	Galgadud	9.7	5.8	0	9	32	189
	Hiran	9.7	7.1	0	7	41	171
	Mudug	11.0	9.3	0	9	42	188



		<b>10.1</b>					<b>548</b>
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When asked which coping mechanisms his/her household employed when faced with a challenge, the top five coping strategies employed included: consuming less preferred foods, reducing portion size per meal, reducing the number of meals per day, borrowing food on credit from another household, and borrowing food on credit from the shop/market. Households tended to eat less preferred foods, reduce the number of meals per day and reduce portion size per meal more frequently than take on debt from neighbors or from the shop/market. On average, a household would eat less preferred foods, reduce the number of meals or reduce portion size per meal 1.6 - 2.2 times a week and borrow on credit from a neighbor 1.3 times a week.

In regards to assets, surveyed households in Galgadud and Mudug showed an increase in asset ownership through the household asset score, moving from an average score of 24.1 to 34.0 and 18.6 to 23.4 between midline and endline for Galgadug and Mudug respectively. While average household asset score in Hiran reduced from 30.9 to 24.9 between midline and endline.

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	15.6	15.7	0	10.0	94.0	344
	Hiran	30.4	27.3	0	22.5	158.5	309
	Mudug	22.3	18.6	0	18.0	140.5	396
		<b>22.8</b>					<b>1049</b>
Midline	Galgadud	24.1	13.2	2	22.8	72.0	192
	Hiran	30.9	26.5	2	22.5	197.0	195
	Mudug	18.6	15.3	0	15.0	98.0	193
		<b>24.5</b>					<b>580</b>
Endline	Galgadud	34.0	17.3	4	33.0	90.0	189
	Hiran	24.9	17.0	2	22.0	101.5	171
	Mudug	23.4	18.6	0	18.0	98.5	188
		<b>27.5</b>					<b>548</b>

### COMMUNITY RESILIENCE

When asked about the village's ability to resist and successfully react to shocks like drought, floods, diseases, or conflict, 42.5% of surveyed households agreed or strongly agreed that their village would be able to do so. Data collected in the endline indicated an improvement in the perspectives of households of their community's ability to face shocks with the exception of households in Hiran. More drastically, in Mudug, there was an increase of 40.7% of households who believed their community could adequately face a shock i.e. from 10.9(both agree and strongly agree) in midline to 51.6% (both agree and strongly agree) in the endline.

Survey	Region	Agree	Disagree	Don't know	Neutral (neither agree nor disagree)	Strongly agree	Strongly disagree	Total
Baseline	Galgadud	23 ( 6.7%)	163 (47.4%)	50 (14.5%)	92 (26.7%)	14 (4.1%)	2 ( 0.6%)	344 (100.0%)
	Hiran	81 (26.2%)	141 (45.6%)	0 ( 0.0%)	22 ( 7.1%)	30 (9.7%)	35 (11.3%)	309 (100.0%)
	Mudug	21 ( 5.3%)	150 (37.9%)	3 ( 0.8%)	75 (18.9%)	8 (2.0%)	139 (35.1%)	396 (100.0%)
	<b>Total</b>	<b>125 (11.9%)</b>	<b>454 (43.3%)</b>	<b>53 ( 5.1%)</b>	<b>189 (18.0%)</b>	<b>52 (5.0%)</b>	<b>176 (16.8%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	71 (37.0%)	30 (15.6%)	6 (3.1%)	63 (32.8%)	17 (8.9%)	5 ( 2.6%)	192 (100.0%)
	Hiran	44 (22.6%)	83 (42.6%)	0 (0.0%)	38 (19.5%)	16 (8.2%)	14 ( 7.2%)	195 (100.0%)
	Mudug	14 ( 7.3%)	72 (37.3%)	2 (1.0%)	17 ( 8.8%)	7 (3.6%)	81 (42.0%)	193 (100.0%)
	<b>Total</b>	<b>129 (22.2%)</b>	<b>185 (31.9%)</b>	<b>8 (1.4%)</b>	<b>118 (20.3%)</b>	<b>40 (6.9%)</b>	<b>100 (17.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	54 (28.6%)	28 (14.8%)	2 (1.1%)	41 (21.7%)	40 (21.2%)	24 (12.7%)	189 (100.0%)
	Hiran	31 (18.1%)	58 (33.9%)	0 (0.0%)	39 (22.8%)	11 ( 6.4%)	32 (18.7%)	171 (100.0%)
	Mudug	85 (45.2%)	23 (12.2%)	1 (0.5%)	48 (25.5%)	12 ( 6.4%)	19 (10.1%)	188 (100.0%)
	<b>Total</b>	<b>170 (31.0%)</b>	<b>109 (19.9%)</b>	<b>3 (0.5%)</b>	<b>128 (23.4%)</b>	<b>63 (11.5%)</b>	<b>75 (13.7%)</b>	<b>548 (100.0%)</b>

In terms of village-level support of households experiencing difficulty, fewer households in Hiran in the endline believed their village had the ability to support households in difficulty compared to the midline. In Mudug and Galgadug, well over 64% of households showed confidence in their village's ability to assist households in difficulty. In Mudug the confidence in the village-level support drastically improved from 16.1% in midline to 64.9% in the endline. Data collected among surveyed households in Hiraan showed more modest decreases moving from 46.2% of households to 21% of households between midline and endline.

Survey	Region	Strongly agree	Agree	Neutral (neither agree nor disagree)	Disagree	Strongly disagree	Don't know	Total
Baseline	Galgadud	21 (6.1%)	65 (18.9%)	148 (43.0%)	88 (25.6%)	3 ( 0.9%)	19 (5.5%)	344 (100.0%)
	Hiran	21 (6.8%)	124 (40.1%)	41 (13.3%)	98 (31.7%)	25 (8.1%)	0 (0.0%)	309 (100.0%)
	Mudug	7 (1.8%)	142 (35.9%)	73 (18.4%)	119 (30.1%)	48 (12.1%)	7 (1.8%)	396 (100.0%)
	<b>Total</b>	<b>49 (4.7%)</b>	<b>331 (31.6%)</b>	<b>262 (25.0%)</b>	<b>305 (29.1%)</b>	<b>76 ( 7.2%)</b>	<b>26 (2.5%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	7 (3.6%)	95 (49.5%)	59 (30.7%)	21 (10.9%)	7 ( 3.6%)	3 (1.6%)	192 (100.0%)
	Hiran	14 (7.2%)	69 (35.4%)	58 (29.7%)	46 (23.6%)	8 ( 4.1%)	0 (0.0%)	195 (100.0%)
	Mudug	5 (2.6%)	26 (13.5%)	20 (10.4%)	81 (42.0%)	59 (30.6%)	2 (1.0%)	193 (100.0%)
	<b>Total</b>	<b>26 (4.5%)</b>	<b>190 (32.8%)</b>	<b>137 (23.6%)</b>	<b>148 (25.5%)</b>	<b>74 (12.8%)</b>	<b>5 (0.9%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	50 (26.5%)	74 (39.2%)	33 (17.5%)	14 ( 7.4%)	18 ( 9.5%)	0 (0.0%)	189 (100.0%)
	Hiran	4 ( 2.3%)	32 (18.7%)	53 (31.0%)	31 (18.1%)	43 (25.1%)	8 (4.7%)	171 (100.0%)
	Mudug	19 (10.1%)	103 (54.8%)	49 (26.1%)	12 ( 6.4%)	4 ( 2.1%)	1 (0.5%)	188 (100.0%)
	<b>Total</b>	<b>73 (13.3%)</b>	<b>209 (38.1%)</b>	<b>135 (24.6%)</b>	<b>57 (10.4%)</b>	<b>65 (11.9%)</b>	<b>9 (1.6%)</b>	<b>548 (100.0%)</b>

Overall, a strong majority of respondents believed their village to be a safe place and even showed improvements in perceptions of safety with the exception of Hiran. In Hiran, 94.9% of households believed their village to be safe in the midline while 75.4% of households reported likewise in the Midline. Otherwise, nearly 87% of households expressed confidence in the safety of their village in the endline showing a 3% and 2% improvement from the midline in Galgadug and Mudug, respectively.

In terms of social discrimination within the village, 80% of respondents believed no such discrimination occurred in their village with marginal improvements in perception between rounds in Galgadud and Mudug. In the former region, 77% of respondents believed discrimination did not happen in their village in the midline and saw an increase to 93% in the endline. In the latter region, 73% of households believed no discrimination occurred in their village while 81% of households reported likewise in the endline. In Hiran, 89.3% of households in the midline believed no discrimination occurred in their village but in the endline the number reduced to 64.9.

## ANNEX

### Summary tables

**Table 1: Age of household head**

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	40.4	9.8	22	39	90	344
	Hiran	43.7	12.5	19	40	85	309
	Mudug	43.3	13.7	20	40	85	396
		<b>42.5</b>					<b>1049</b>
Midline	Galgadud	40.5	11.4	20	37.5	80	192
	Hiran	43.6	13.0	17	40	80	195
	Mudug	44.1	14.3	19	43	90	193
	<b>Mean</b>	<b>42.7</b>					<b>580</b>
Endline	Galgadud	40.8	12.5	18	39	80	189
	Hiran	43.2	11.6	20	40	83	171
	Mudug	44.2	11.9	19	43.5	85	188
		<b>42.7</b>					<b>548</b>

**Table 2: Household size**

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	8.0	2.7	1	8	21	344
	Hiran	8.2	3.0	0	8	18	309
	Mudug	7.7	3.4	1	7	24	396
		<b>8.0</b>					<b>1049</b>
Midline	Galgadud	8.0	2.6	1	8	18	192
	Hiran	8.3	2.9	1	8	17	195
	Mudug	9.1	3.8	2	9	23	193
		<b>8.4</b>					<b>580</b>
Endline	Galgadud	8.6	3.3	1	9	22	189
	Hiran	9.3	2.5	3	9	18	171

	Mudug	8.6	3.1	2	8	22	188
		<b>8.8</b>					<b>548</b>

**Table 3: Current marital status of Household heads**

Survey	Region	Divorced/Separated	Married	Single	Widow/Widower	Total
Baseline	Galgadud	33 (9.6%)	272 (79.1%)	0 (0.0%)	39 (11.3%)	344 (100%)
	Hiran	25 (8.1%)	256 (82.8%)	6 (1.9%)	22 (7.1%)	309 (100%)
	Mudug	38 (9.6%)	323 (81.6%)	2 (0.5%)	33 (8.3%)	396 (100%)
	<b>Total</b>	<b>96 (9.2%)</b>	<b>851 (81.1%)</b>	<b>8 (0.8%)</b>	<b>94 (9.0%)</b>	<b>1049 (100%)</b>
Midline	Galgadud	16 (8.3%)	166 (86.5%)	0 (0.0%)	10 (5.2%)	192 (100.0%)
	Hiran	12 (6.2%)	171 (87.7%)	1 (0.5%)	11 (5.6%)	195 (100.0%)
	Mudug	17 (8.8%)	156 (80.8%)	4 (2.1%)	16 (8.3%)	193 (100.0%)
	<b>Total</b>	<b>45 (7.8%)</b>	<b>493 (85.0%)</b>	<b>5 (0.9%)</b>	<b>37 (6.4%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	19 (10.1%)	151 (79.9%)	0 (0.0%)	19 (10.1%)	189 (100.0%)
	Hiran	5 ( 2.9%)	156 (91.2%)	0 (0.0%)	10 ( 5.8%)	171 (100.0%)
	Mudug	12 ( 6.4%)	166 (88.3%)	1 (0.5%)	9 ( 4.8%)	188 (100.0%)
	<b>Total</b>	<b>36 ( 6.6%)</b>	<b>473 (86.3%)</b>	<b>1 (0.2%)</b>	<b>38 ( 6.9%)</b>	<b>548 (100.0%)</b>

**Table 4: Literacy of household heads**

Survey	Region	Yes	No	Don't know	Total
Baseline	Galgadud	247 (71.8%)	94 (27.3%)	3 (0.9%)	344 (100.0%)
	Hiran	203 (65.7%)	106 (34.3%)	0 (0.0%)	309 (100.0%)
	Mudug	213 (53.8%)	176 (44.4%)	7 (1.8%)	396 (100.0%)
	<b>Total</b>	<b>663 (63.2%)</b>	<b>376 (35.8%)</b>	<b>10 (1.0%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	106 (55.2%)	85 (44.3%)	1 (0.5%)	192 (100.0%)
	Hiran	135 (69.2%)	59 (30.3%)	1 (0.5%)	195 (100.0%)
	Mudug	107 (55.4%)	79 (40.9%)	7 (3.6%)	193 (100.0%)
	<b>Total</b>	<b>348 (60.0%)</b>	<b>223 (38.4%)</b>	<b>9 (1.6%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	111 (58.7%)	73 (38.6%)	5 (2.6%)	189 (100.0%)
	Hiran	86 (50.3%)	82 (48.0%)	3 (1.8%)	171 (100.0%)
	Mudug	130 (69.1%)	56 (29.8%)	2 (1.1%)	188 (100.0%)
	<b>Total</b>	<b>327 (59.7%)</b>	<b>211 (38.5%)</b>	<b>10 (1.8%)</b>	<b>548 (100.0%)</b>

**Table 5: Household members aged 5-14 years old currently enrolled in school**

Survey	Region	Gender	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	Male	0.6	0.7	0	0	4	344
		Female	0.6	0.8	0	0	5	344
			<b>0.6</b>					
	Hiran	Male	0.7	0.9	0	0	5	309
		Female	0.5	0.8	0	0	4	309
			<b>0.6</b>					
	Mudug	Male	0.4	0.7	0	0	3	396
		Female	0.3	0.6	0	0	3	396
			<b>0.4</b>					
			<b>0.5</b>					
Midline	Galgadud	Male	0.5	0.8	0	0	4	192
		Female	0.4	0.6	0	0	2	192
			<b>0.5</b>					
	Hiran	Male	0.9	1.0	0	0	4	195
		Female	0.5	0.8	0	0	4	195
			<b>0.7</b>					
	Mudug	Male	0.5	0.8	0	0	3	193
		Female	0.4	0.7	0	0	3	193
			<b>0.5</b>					
			<b>0.5</b>					
Endline	Galgadud	Male	0.9	1.0	0	1	6	189
		Female	0.8	0.9	0	1	5	189
			<b>0.8</b>					
	Hiran	Male	0.8	0.9	0	1	4	171
		Female	0.6	0.7	0	0	4	171
			<b>0.7</b>					
	Mudug	Male	0.7	0.8	0	0	3	188
		Female	0.5	0.6	0	0	3	188
			<b>0.6</b>					
			<b>0.7</b>					

**Table 6: Household income sources in baseline survey**

Income source	Galgadud	Hiran	Mudug	Total
Sale of agricultural products	0 (0.0%)	36 (7.7%)	0 (0.0%)	36 (2.6%)
Begging	1 (0.2%)	1 (0.2%)	3 (0.6%)	5 (0.4%)
Casual daily labor	241 (58.6%)	171 (36.7%)	245 (48.9%)	657 (47.7%)
Community help (zakat, others)	6 (1.5%)	14 (3.0%)	16 (3.2%)	36 (2.6%)
Don't know	0 (0.0%)	0 (0.0%)	4 (0.8%)	4 (0.3%)
Sale of firewood/charcoal	17 (4.1%)	12 (2.6%)	2 (0.4%)	31 (2.2%)

Sale of fishing products	2 (0.5%)	0 (0.0%)	4 (0.8%)	6 (0.4%)
Sale of handicraft products	8 (1.9%)	5 (1.1%)	1 (0.2%)	14 (1.0%)
Other humanitarian assistance (no community)	2 (0.5%)	16 (3.4%)	21 (4.2%)	39 (2.8%)
Sale of livestock products	31 (7.5%)	106 (22.7%)	18 (3.6%)	155 (11.2%)
Monetary transfers from mosque etc.	0 (0.0%)	1 (0.2%)	1 (0.2%)	2 (0.1%)
Monetary transfers from ngos	0 (0.0%)	3 (0.6%)	64 (12.8%)	67 (4.9%)
No income	7 (1.7%)	3 (0.6%)	7 (1.4%)	17 (1.2%)
Other cash transfers	0 (0.0%)	5 (1.1%)	3 (0.6%)	8 (0.6%)
Other non-cash transfers	0 (0.0%)	3 (0.6%)	3 (0.6%)	6 (0.4%)
Small trade / petty trade	50 (12.2%)	70 (15.0%)	64 (12.8%)	184 (13.4%)
Monetary transfers from relatives in somalia	2 (0.5%)	7 (1.5%)	27 (5.4%)	36 (2.6%)
Monetary transfers from relatives living outside somalia (remittances)	0 (0.0%)	7 (1.5%)	8 (1.6%)	15 (1.1%)
Salary (private sector, ngos, uns, gov., etc.)	40 (9.7%)	2 (0.4%)	8 (1.6%)	50 (3.6%)
Transport	0 (0.0%)	0 (0.0%)	2 (0.4%)	2 (0.1%)
Wholesale trade	4 (1.0%)	4 (0.9%)	0 (0.0%)	8 (0.6%)
Total	411 (100.0%)	466 (100.0%)	501 (100.0%)	1378 (100.0%)

**Table 7: Household income sources in midline survey**

Income source	Galgadud	Hiran	Mudug	Total
Casual daily labor	105 (39.6%)	111 (36.2%)	107 (42.6%)	323 (39.2%)
Community help (zakat, others)	6 (2.3%)	5 (1.6%)	5 (2.0%)	16 (1.9%)
Monetary transfers from mosque etc.	0 (0.0%)	0 (0.0%)	1 (0.4%)	1 (0.1%)
Monetary transfers from ngos	0 (0.0%)	1 (0.3%)	11 (4.4%)	12 (1.5%)
Monetary transfers from relatives in somalia	8 (3.0%)	2 (0.7%)	8 (3.2%)	18 (2.2%)
Monetary transfers from relatives living outside somalia (remittances)	6 (2.3%)	3 (1.0%)	6 (2.4%)	15 (1.8%)
No income	4 (1.5%)	13 (4.2%)	16 (6.4%)	33 (4.0%)
Other humanitarian assistance (no community)	5 (1.9%)	6 (2.0%)	5 (2.0%)	16 (1.9%)
Other specify	4 (1.5%)	2 (0.7%)	4 (1.6%)	10 (1.2%)
Salary (private sector, ngos, uns, gov., etc.)	2 (0.8%)	4 (1.3%)	2 (0.8%)	8 (1.0%)
Sale of agricultural products	7 (2.6%)	40 (13.0%)	3 (1.2%)	50 (6.1%)
Sale of firewood/charcoal	16 (6.0%)	5 (1.6%)	6 (2.4%)	27 (3.3%)
Sale of fishing products	0 (0.0%)	0 (0.0%)	5 (2.0%)	5 (0.6%)
Sale of handicraft products	1 (0.4%)	3 (1.0%)	0 (0.0%)	4 (0.5%)
Sale of livestock products	35 (13.2%)	65 (21.2%)	40 (15.9%)	140 (17.0%)
Sale of wild foods	1 (0.4%)	1 (0.3%)	0 (0.0%)	2 (0.2%)
Small trade / petty trade	62 (23.4%)	43 (14.0%)	27 (10.8%)	132 (16.0%)
Transport	2 (0.8%)	2 (0.7%)	2 (0.8%)	6 (0.7%)
Wholesale trade	1 (0.4%)	1 (0.3%)	3 (1.2%)	5 (0.6%)
Total	265 (100.0%)	307 (100.0%)	251 (100.0%)	823 (100.0%)

**Table 8: Household income sources in endline survey**



Income source	Galgadud	Hiran	Mudug	Total
Sale of agricultural products	2 (0.7%)	35 (17.2%)	1 (0.4%)	38 (5.2%)
Casual daily labor	146 (54.7%)	76 (37.4%)	114 (44.4%)	336 (46.2%)
Community help (zakat, others)	1 (0.4%)	0 (0.0%)	5 (1.9%)	6 (0.8%)
Sale of firewood/charcoal	4 (1.5%)	4 (2.0%)	4 (1.6%)	12 (1.7%)
Sale of fishing products	0 (0.0%)	1 (0.5%)	13 (5.1%)	14 (1.9%)
Sale of handicraft products	0 (0.0%)	0 (0.0%)	3 (1.2%)	3 (0.4%)
Other humanitarian assistance (no community)	0 (0.0%)	0 (0.0%)	6 (2.3%)	6 (0.8%)
Sale of livestock products	65 (24.3%)	24 (11.8%)	43 (16.7%)	132 (18.2%)
Monetary transfers from ngos	0 (0.0%)	1 (0.5%)	19 (7.4%)	20 (2.8%)
No income	0 (0.0%)	1 (0.5%)	6 (2.3%)	7 (1.0%)
Other	0 (0.0%)	1 (0.5%)	0 (0.0%)	1 (0.1%)
Small trade / petty trade	27 (10.1%)	57 (28.1%)	38 (14.8%)	122 (16.8%)
Monetary transfers from relatives in somalia	8 (3.0%)	0 (0.0%)	1 (0.4%)	9 (1.2%)
Monetary transfers from relatives living outside somalia (remittances)	3 (1.1%)	0 (0.0%)	3 (1.2%)	6 (0.8%)
Salary (private sector, ngos, uns, gov., etc.)	8 (3.0%)	0 (0.0%)	0 (0.0%)	8 (1.1%)
Transport	2 (0.7%)	0 (0.0%)	1 (0.4%)	3 (0.4%)
Wholesale trade	1 (0.4%)	2 (1.0%)	0 (0.0%)	3 (0.4%)
Sale of wild foods	0 (0.0%)	1 (0.5%)	0 (0.0%)	1 (0.1%)
Total	267 (100.0%)	203 (100.0%)	257 (100.0%)	727 (100.0%)

**Table 9: Percentage of households where the male members contribute to household income**

Survey	Region	No	Yes	Total
Baseline	Galgadud	48 (14.0%)	296 (86.0%)	344 (100.0%)
	Hiran	64 (20.7%)	245 (79.3%)	309 (100.0%)
	Mudug	170 (42.9%)	226 (57.1%)	396 (100.0%)
	<b>Total</b>	<b>282 (26.9%)</b>	<b>767 (73.1%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	49 (25.5%)	143 (74.5%)	192 (100.0%)
	Hiran	52 (26.7%)	143 (73.3%)	195 (100.0%)
	Mudug	46 (23.8%)	147 (76.2%)	193 (100.0%)
	<b>Total</b>	<b>147 (25.3%)</b>	<b>433 (74.7%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	74 (39.2%)	115 (60.8%)	189 (100.0%)
	Hiran	29 (17.0%)	142 (83.0%)	171 (100.0%)
	Mudug	55 (29.3%)	133 (70.7%)	188 (100.0%)
	<b>Total</b>	<b>158 (28.8%)</b>	<b>390 (71.2%)</b>	<b>548 (100.0%)</b>

**Table 9: Percentage of households where the female members contribute to household income**

Survey	Region	No	Yes	Total
Baseline	Galgadud	219 (63.7%)	125 (36.3%)	344 (100.0%)

	Hiran	191 (61.8%)	118 (38.2%)	309 (100.0%)
	Mudug	293 (74.0%)	103 (26.0%)	396 (100.0%)
	<b>Total</b>	<b>703 (67.0%)</b>	<b>346 (33.0%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	100 (52.1%)	92 (47.9%)	192 (100.0%)
	Hiran	102 (52.3%)	93 (47.7%)	195 (100.0%)
	Mudug	119 (61.7%)	74 (38.3%)	193 (100.0%)
	<b>Total</b>	<b>321 (55.3%)</b>	<b>259 (44.7%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	86 (45.5%)	103 (54.5%)	189 (100.0%)
	Hiran	76 (44.4%)	95 (55.6%)	171 (100.0%)
	Mudug	115 (61.2%)	73 (38.8%)	188 (100.0%)
	<b>Total</b>	<b>277 (50.5%)</b>	<b>271 (49.5%)</b>	<b>548 (100.0%)</b>

**Table 10: Only the head of household takes decisions about how the household income is spent.**

Survey	Region	Yes	No	Total
Baseline	Galgadud	271 (78.8%)	73 (21.2%)	344 (100.0%)
	Hiran	224 (72.5%)	85 (27.5%)	309 (100.0%)
	Mudug	266 (67.2%)	130 (32.8%)	396 (100.0%)
	<b>Total</b>	<b>761 (72.5%)</b>	<b>288 (27.5%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	156 (81.2%)	36 (18.8%)	192 (100.0%)
	Hiran	93 (47.7%)	102 (52.3%)	195 (100.0%)
	Mudug	80 (41.5%)	113 (58.5%)	193 (100.0%)
	<b>Total</b>	<b>329 (56.7%)</b>	<b>251 (43.3%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	91 (48.1%)	98 (51.9%)	189 (100.0%)
	Hiran	117 (68.4%)	54 (31.6%)	171 (100.0%)
	Mudug	119 (63.3%)	69 (36.7%)	188 (100.0%)
	<b>Total</b>	<b>327 (59.7%)</b>	<b>221 (40.3%)</b>	<b>548 (100.0%)</b>

**Table 11: Households main expense**

Survey	Region	Education	Food	Health care	Household needs (e.g. clothes)	House rent	Total
Baseline	Galgadud	3 (0.9%)	341 (99.1%)	0 (0.0%)	0 (0.0%)		344 (100.0%)
	Hiran	0 (0.0%)	306 (99.0%)	1 (0.3%)	2 (0.6%)		309 (100.0%)
	Mudug	4 (1.0%)	388 (98.0%)	3 (0.8%)	1 (0.3%)		396 (100.0%)
	<b>Total</b>	<b>7 (0.7%)</b>	<b>1035 (98.7%)</b>	<b>4 (0.4%)</b>	<b>3 (0.3%)</b>		<b>1049 (100.0%)</b>
Midline	Galgadud	1 (0.5%)	189 (98.4%)	0 (0.0%)	1 (0.5%)	1 (0.5%)	192 (100.0%)
	Hiran	1 (0.5%)	193 (99.0%)	1 (0.5%)	0 (0.0%)	0 (0.0%)	195 (100.0%)
	Mudug	0 (0.0%)	191 (99.0%)	0 (0.0%)	2 (1.0%)	0 (0.0%)	193 (100.0%)
	<b>Total</b>	<b>2 (0.3%)</b>	<b>573 (98.8%)</b>	<b>1 (0.2%)</b>	<b>3 (0.5%)</b>	<b>1 (0.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	0 (0.0%)	189 (100.0%)	0 (0.0%)	0 (0.0%)		189 (100.0%)
	Hiran	1 (0.6%)	169 (98.8%)	0 (0.0%)	1 (0.6%)		171 (100.0%)

	Mudug	1 (0.5%)	186 (98.9%)	1 (0.5%)	0 (0.0%)		188 (100.0%)
	<b>Total</b>	<b>2 (0.4%)</b>	<b>544 (99.3%)</b>	<b>1 (0.2%)</b>	<b>1 (0.2%)</b>		<b>548 (100.0%)</b>

**Table 12: Share of household income spent on food**

Survey	Region	All	Half of income	Less than half of income	More than half of income	None	Don't know	Total
Baseline	Galgadud	11 (3.2%)	71 (20.6%)	5 (1.5%)	257 (74.7%)	0 (0.0%)		344 (100.0%)
	Hiran	7 (2.3%)	128 (41.4%)	11 (3.6%)	162 (52.4%)	1 (0.3%)		309 (100.0%)
	Mudug	58 (14.6%)	87 (22.0%)	29 (7.3%)	218 (55.1%)	4 (1.0%)		396 (100.0%)
	<b>Total</b>	<b>76 (7.2%)</b>	<b>286 (27.3%)</b>	<b>45 (4.3%)</b>	<b>637 (60.7%)</b>	<b>5 (0.5%)</b>		<b>1049 (100.0%)</b>
Midline	Galgadud	72 (37.5%)	12 (6.2%)	4 (2.1%)	104 (54.2%)			192 (100.0%)
	Hiran	41 (21.0%)	65 (33.3%)	6 (3.1%)	83 (42.6%)			195 (100.0%)
	Mudug	66 (34.2%)	49 (25.4%)	1 (0.5%)	77 (39.9%)			193 (100.0%)
	<b>Total</b>	<b>179 (30.9%)</b>	<b>126 (21.7%)</b>	<b>11 (1.9%)</b>	<b>264 (45.5%)</b>			<b>580 (100.0%)</b>
Endline	Galgadud	14 (7.4%)	95 (50.3%)	1 (0.5%)	75 (39.7%)	4 (2.1%)	0 (0.0%)	189 (100.0%)
	Hiran	0 (0.0%)	93 (54.4%)	20 (11.7%)	58 (33.9%)	0 (0.0%)	0 (0.0%)	171 (100.0%)
	Mudug	12 (6.4%)	48 (25.5%)	7 (3.7%)	110 (58.5%)	9 (4.8%)	2 (1.1%)	188 (100.0%)
	<b>Total</b>	<b>26 (4.7%)</b>	<b>236 (43.1%)</b>	<b>28 (5.1%)</b>	<b>243 (44.3%)</b>	<b>13 (2.4%)</b>	<b>2 (0.4%)</b>	<b>548 (100.0%)</b>

**Table 13: Does your household currently have any debt in kind?**

Survey	Region	No	Yes	Total
Baseline	Galgadud	130 (37.8%)	214 (62.2%)	344 (100.0%)
	Hiran	55 (17.8%)	254 (82.2%)	309 (100.0%)
	Mudug	88 (22.2%)	308 (77.8%)	396 (100.0%)
	<b>Total</b>	<b>273 (26.0%)</b>	<b>776 (74.0%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	103 (53.6%)	89 (46.4%)	192 (100.0%)
	Hiran	39 (20.0%)	156 (80.0%)	195 (100.0%)
	Mudug	52 (26.9%)	141 (73.1%)	193 (100.0%)
	<b>Total</b>	<b>194 (33.4%)</b>	<b>386 (66.6%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	102 (54.0%)	87 (46.0%)	189 (100.0%)
	Hiran	72 (42.1%)	99 (57.9%)	171 (100.0%)
	Mudug	66 (35.1%)	122 (64.9%)	188 (100.0%)
	<b>Total</b>	<b>240 (43.8%)</b>	<b>308 (56.2%)</b>	<b>548 (100.0%)</b>

**Table 14: Does your household currently have any debt in cash?**

Survey	Region	No	Yes	Total
Baseline	Galgadud	13 ( 3.8%)	331 (96.2%)	344 (100.0%)
	Hiran	26 ( 8.4%)	283 (91.6%)	309 (100.0%)
	Mudug	60 (15.2%)	336 (84.8%)	396 (100.0%)
	<b>Total</b>	<b>99 ( 9.4%)</b>	<b>950 (90.6%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	14 ( 7.3%)	178 (92.7%)	192 (100.0%)
	Hiran	49 (25.1%)	146 (74.9%)	195 (100.0%)
	Mudug	43 (22.3%)	150 (77.7%)	193 (100.0%)
	<b>Total</b>	<b>106 (18.3%)</b>	<b>474 (81.7%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	43 (22.8%)	146 (77.2%)	189 (100.0%)
	Hiran	35 (20.5%)	136 (79.5%)	171 (100.0%)
	Mudug	22 (11.7%)	166 (88.3%)	188 (100.0%)
	<b>Total</b>	<b>100 (18.2%)</b>	<b>448 (81.8%)</b>	<b>548 (100.0%)</b>

**Table 15: Main use of debt in the baseline survey**

Main debt use	Galgadud	Hiran	Mudug	Total
Clothing	1 (0.3%)	21 (6.8%)	2 (0.5%)	24 (2.3%)
Don't know	0 (0.0%)	0 (0.0%)	3 (0.8%)	3 (0.3%)
Expenses for agriculture	0 (0.0%)	1 (0.3%)	0 (0.0%)	1 (0.1%)
Expenses for livestock	0 (0.0%)	1 (0.3%)	3 (0.8%)	4 (0.4%)
Health services/drugs	5 (1.5%)	9 (2.9%)	0 (0.0%)	14 (1.3%)
Other household expenses	1 (0.3%)	19 (6.1%)	1 (0.3%)	21 (2.0%)
Other investments	2 (0.6%)	0 (0.0%)	0 (0.0%)	2 (0.2%)
Purchase of food	304 (88.4%)	220 (71.2%)	321 (81.1%)	845 (80.6%)
Purchase of water	15 (4.4%)	3 (1.0%)	4 (1.0%)	22 (2.1%)
Repayment of other debts	1 (0.3%)	1 (0.3%)	1 (0.3%)	3 (0.3%)
School fees/ education	2 (0.6%)	8 (2.6%)	1 (0.3%)	11 (1.0%)
NA	13 ( 3.8%)	26 ( 8.4%)	60 (15.2%)	99 ( 9.4%)
Total	344 (100.0%)	309 (100.0%)	396 (100.0%)	1049 (100.0%)

**Table 15: Main use of debt in the midline survey**

Main debt use	Galgadud	Hiran	Mudug	Total
Clothing	13 (6.8%)	1 (0.5%)	3 (1.6%)	17 (2.9%)
Expenses for agriculture	0 (0.0%)	3 (1.5%)	0 (0.0%)	3 (0.5%)
Expenses for livestock	0 (0.0%)	0 (0.0%)	1 (0.5%)	1 (0.2%)
Health services and /or drugs	3 (1.6%)	1 (0.5%)	3 (1.6%)	7 (1.2%)
Imports	1 (0.5%)	0 (0.0%)	0 (0.0%)	1 (0.2%)

Other (specify)	0 (0.0%)	0 (0.0%)	1 (0.5%)	1 (0.2%)
Other household expenses	0 (0.0%)	6 (3.1%)	2 (1.0%)	8 (1.4%)
Other investments	0 (0.0%)	0 (0.0%)	2 (1.0%)	2 (0.3%)
Purchase of food	158 (82.3%)	133 (68.2%)	135 (69.9%)	426 (73.4%)
Purchase of water	1 (0.5%)	1 (0.5%)	3 (1.6%)	5 (0.9%)
School fees/ education	2 (1.0%)	1 (0.5%)	0 (0.0%)	3 (0.5%)
NA	14 ( 7.3%)	49 (25.1%)	43 (22.3%)	106 (18.3%)
Total	192 (100.0%)	195 (100.0%)	193 (100.0%)	580 (100.0%)

**Table 16: Main use of debt in the endline survey**

Main debt use	Galgadud	Hiran	Mudug	Total
Clothing	0 (0.0%)	0 (0.0%)	3 (1.6%)	3 (0.5%)
Expenses for livestock	0 (0.0%)	1 (0.6%)	0 (0.0%)	1 (0.2%)
Health services/drugs	5 ( 2.6%)	1 ( 0.6%)	21 (11.2%)	27 ( 4.9%)
Other	2 (1.1%)	0 (0.0%)	0 (0.0%)	2 (0.4%)
Other household expenses	0 (0.0%)	2 (1.2%)	2 (1.1%)	4 (0.7%)
Other investments	0 (0.0%)	1 (0.6%)	0 (0.0%)	1 (0.2%)
Purchase of food	138 (73.0%)	130 (76.0%)	134 (71.3%)	402 (73.4%)
Purchase of water	1 (0.5%)	1 (0.6%)	0 (0.0%)	2 (0.4%)
Repayment of other debts	0 (0.0%)	0 (0.0%)	2 (1.1%)	2 (0.4%)
School fees/education	0 (0.0%)	0 (0.0%)	3 (1.6%)	3 (0.5%)
Social events	0 (0.0%)	0 (0.0%)	1 (0.5%)	1 (0.2%)
NA	43 (22.8%)	35 (20.5%)	22 (11.7%)	100 (18.2%)
Total	189 (100.0%)	171 (100.0%)	188 (100.0%)	548 (100.0%)

**Table 17: Would the household be able to access credit if needed?**

Survey	Region	Yes	No	Total
Baseline	Galgadud	253 (73.5%)	91 (26.5%)	344 (100.0%)
	Hiran	202 (65.4%)	107 (34.6%)	309 (100.0%)
	Mudug	207 (52.3%)	189 (47.7%)	396 (100.0%)
	<b>Total</b>	<b>662 (63.1%)</b>	<b>387 (36.9%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	136 (70.8%)	56 (29.2%)	192 (100.0%)
	Hiran	96 (49.2%)	99 (50.8%)	195 (100.0%)
	Mudug	121 (62.7%)	72 (37.3%)	193 (100.0%)
	<b>Total</b>	<b>353 (60.9%)</b>	<b>227 (39.1%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	143 (75.7%)	46 (24.3%)	189 (100.0%)
	Hiran	125 (73.1%)	46 (26.9%)	171 (100.0%)
	Mudug	158 (84.0%)	30 (16.0%)	188 (100.0%)
	<b>Total</b>	<b>426 (77.7%)</b>	<b>122 (22.3%)</b>	<b>548 (100.0%)</b>

**Table 18: Primary source of credit**

Survey	Region	Bank	Credit from Shopkeeper/ Trader	Friend	Household member	NGOs	Other relative	NA	Total
Baseline	Galgadud	4 (1.2%)	207 (60.2%)	2 (0.6%)	9 (2.6%)	1 (0.3%)	30 (8.7%)	91 (26.5%)	344 (100.0%)
	Hiran	0 (0.0%)	192 (62.1%)	3 (1.0%)	2 (0.6%)	0 (0.0%)	5 (1.6%)	107 (34.6%)	309 (100.0%)
	Mudug	0 (0.0%)	172 (43.4%)	9 (2.3%)	5 (1.3%)	0 (0.0%)	21 (5.3%)	189 (47.7%)	396 (100.0%)
	<b>Total</b>	<b>4 (0.4%)</b>	<b>571 (54.4%)</b>	<b>14 (1.3%)</b>	<b>16 (1.5%)</b>	<b>1 (0.1%)</b>	<b>56 (5.3%)</b>	<b>387 (36.9%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud		117 (60.9%)	2 (1.0%)	9 (4.7%)		8 (4.2%)	56 (29.2%)	192 (100.0%)
	Hiran		73 (37.4%)	3 (1.5%)	7 (3.6%)		13 (6.7%)	99 (50.8%)	195 (100.0%)
	Mudug		104 (53.9%)	4 (2.1%)	2 (1.0%)		11 (5.7%)	72 (37.3%)	193 (100.0%)
	<b>Total</b>		<b>294 (50.7%)</b>	<b>9 (1.6%)</b>	<b>18 (3.1%)</b>		<b>32 (5.5%)</b>	<b>227 (39.1%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud		138 (73.0%)	0 (0.0%)	4 (2.1%)	1 (0.5%)	0 (0.0%)	46 (24.3%)	189 (100.0%)
	Hiran		60 (35.1%)	27 (15.8%)	1 (0.6%)	0 (0.0%)	37 (21.6%)	46 (26.9%)	171 (100.0%)
	Mudug		117 (62.2%)	4 (2.1%)	4 (2.1%)	0 (0.0%)	33 (17.6%)	30 (16.0%)	188 (100.0%)
	<b>Total</b>		<b>315 (57.5%)</b>	<b>31 (5.7%)</b>	<b>9 (1.6%)</b>	<b>1 (0.2%)</b>	<b>70 (12.8%)</b>	<b>122 (22.3%)</b>	<b>548 (100.0%)</b>

**Table 19: In your household does any member engage in 'aiuto' or other saving groups?**

Survey	Region	Yes	No	Total
Baseline	Galgadud	81 (23.5%)	263 (76.5%)	344 (100.0%)
	Hiran	11 (3.6%)	298 (96.4%)	309 (100.0%)
	Mudug	10 (2.5%)	386 (97.5%)	396 (100.0%)
	<b>Total</b>	<b>102 (9.7%)</b>	<b>947 (90.3%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	12 (6.2%)	180 (93.8%)	192 (100.0%)
	Hiran	15 (7.7%)	180 (92.3%)	195 (100.0%)
	Mudug	10 (5.2%)	183 (94.8%)	193 (100.0%)
	<b>Total</b>	<b>37 (6.4%)</b>	<b>543 (93.6%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	24 (12.7%)	165 (87.3%)	189 (100.0%)
	Hiran	13 (7.6%)	158 (92.4%)	171 (100.0%)
	Mudug	20 (10.6%)	168 (89.4%)	188 (100.0%)
	<b>Total</b>	<b>57 (10.4%)</b>	<b>491 (89.6%)</b>	<b>548 (100.0%)</b>

**Table 20: Is your household able to save?**

Survey	Region	No	Yes	Total
Baseline	Galgadud	268 (77.9%)	76 (22.1%)	344 (100.0%)
	Hiran	297 (96.1%)	12 (3.9%)	309 (100.0%)
	Mudug	386 (97.5%)	10 (2.5%)	396 (100.0%)
	<b>Total</b>	<b>951 (90.7%)</b>	<b>98 (9.3%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	179 (93.2%)	13 (6.8%)	192 (100.0%)
	Hiran	183 (93.8%)	12 (6.2%)	195 (100.0%)
	Mudug	188 (97.4%)	5 (2.6%)	193 (100.0%)

	<b>Total</b>	<b>550 (94.8%)</b>	<b>30 (5.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	164 (86.8%)	25 (13.2%)	189 (100.0%)
	Hiran	166 (97.1%)	5 (2.9%)	171 (100.0%)
	Mudug	153 (81.4%)	35 (18.6%)	188 (100.0%)
	<b>Total</b>	<b>483 (88.1%)</b>	<b>65 (11.9%)</b>	<b>548 (100.0%)</b>

**Table 21: Main source of drinking water for your household in baseline survey**

Region	Galgadud	Hiran	Mudug	Total
Barkad	1 (0.3%)	79 (25.6%)	28 (7.1%)	108 (10.3%)
Borehole with pump	1 (0.3%)	4 (1.3%)	1 (0.3%)	6 (0.6%)
Harvested rainwater	0 (0.0%)	2 (0.6%)	0 (0.0%)	2 (0.2%)
Motorized Borehole	66 (19.2%)	26 (8.4%)	33 (8.3%)	125 (11.9%)
Other	0 (0.0%)	6 (1.9%)	0 (0.0%)	6 (0.6%)
River	0 (0.0%)	17 (5.5%)	0 (0.0%)	17 (1.6%)
Shallow well	0 (0.0%)	2 (0.6%)	3 (0.8%)	5 (0.5%)
Unprotected Spring	0 (0.0%)	1 (0.3%)	1 (0.3%)	2 (0.2%)
Unprotected well	0 (0.0%)	17 (5.5%)	200 (50.5%)	217 (20.7%)
Water kiosk	0 (0.0%)	0 (0.0%)	14 (3.5%)	14 (1.3%)
Water System	253 (73.5%)	146 (47.2%)	112 (28.3%)	511 (48.7%)
Water trucking	23 (6.7%)	9 (2.9%)	4 (1.0%)	36 (3.4%)
Total	344 (100.0%)	309 (100.0%)	396 (100.0%)	1049 (100.0%)

**Table 22: Main source of drinking water for your household in midline survey**

	Galgadud	Hiran	Mudug	Total
Barkad	3 (1.6%)	57 (29.2%)	67 (34.7%)	127 (21.9%)
Bottled drinking water	0 (0.0%)	0 (0.0%)	3 (1.6%)	3 (0.5%)
Don't know	2 (1.0%)	0 (0.0%)	0 (0.0%)	2 (0.3%)
Hand Pump	0 (0.0%)	4 (2.1%)	4 (2.1%)	8 (1.4%)
Harvested rainwater	0 (0.0%)	2 (1.0%)	1 (0.5%)	3 (0.5%)
Motorized borehole	155 (80.7%)	30 (15.4%)	48 (24.9%)	233 (40.2%)
Other Specify	27 (14.1%)	10 (5.1%)	4 (2.1%)	41 (7.1%)
Protected spring	0 (0.0%)	18 (9.2%)	2 (1.0%)	20 (3.4%)
River	0 (0.0%)	31 (15.9%)	0 (0.0%)	31 (5.3%)
Shallow Well	1 (0.5%)	10 (5.1%)	28 (14.5%)	39 (6.7%)
Unprotected shallow well	0 (0.0%)	20 (10.3%)	11 (5.7%)	31 (5.3%)
Unprotected spring	0 (0.0%)	5 (2.6%)	1 (0.5%)	6 (1.0%)
Water-trucking	4 (2.1%)	6 (3.1%)	0 (0.0%)	10 (1.7%)
Water Catchment	0 (0.0%)	2 (1.0%)	2 (1.0%)	4 (0.7%)



Water kiosk	0 ( 0.0%)	0 ( 0.0%)	22 (11.4%)	22 ( 3.8%)
Total	192 (100.0%)	195 (100.0%)	193 (100.0%)	580 (100.0%)

**Table 23: Main source of drinking water for your household in endline survey**

	Galgadud	Hiran	Mudug	Total
Barkad	0 ( 0.0%)	35 (20.5%)	71 (37.8%)	106 (19.3%)
Hand Pump	0 (0.0%)	6 (3.5%)	5 (2.7%)	11 (2.0%)
Harvested rainwater	0 (0.0%)	1 (0.6%)	3 (1.6%)	4 (0.7%)
Motorized borehole	159 (84.1%)	30 (17.5%)	73 (38.8%)	262 (47.8%)
Other	0 ( 0.0%)	34 (19.9%)	0 ( 0.0%)	34 ( 6.2%)
Protected spring	1 (0.5%)	4 (2.3%)	0 (0.0%)	5 (0.9%)
River	0 ( 0.0%)	23 (13.5%)	0 ( 0.0%)	23 ( 4.2%)
Shallow well	0 ( 0.0%)	4 ( 2.3%)	23 (12.2%)	27 ( 4.9%)
Unprotected shallow	1 ( 0.5%)	22 (12.9%)	4 ( 2.1%)	27 ( 4.9%)
Unprotected spring	0 (0.0%)	1 (0.6%)	0 (0.0%)	1 (0.2%)
Water Catchment	0 (0.0%)	4 (2.3%)	1 (0.5%)	5 (0.9%)
Water kiosk	27 (14.3%)	0 ( 0.0%)	5 ( 2.7%)	32 ( 5.8%)
Water trucking	1 (0.5%)	7 (4.1%)	3 (1.6%)	11 (2.0%)
Total	189 (100.0%)	171 (100.0%)	188 (100.0%)	548 (100.0%)

**Table 24: Does your household have sufficient drinking water under normal conditions?**

Survey		Yes	No	Total
Baseline	Galgadud	325 (94.5%)	19 ( 5.5%)	344 (100.0%)
	Hiran	175 (56.6%)	134 (43.4%)	309 (100.0%)
	Mudug	53 (13.4%)	343 (86.6%)	396 (100.0%)
	<b>Total</b>	<b>553 (52.7%)</b>	<b>496 (47.3%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	183 (95.3%)	9 ( 4.7%)	192 (100.0%)
	Hiran	152 (77.9%)	43 (22.1%)	195 (100.0%)
	Mudug	61 (31.6%)	132 (68.4%)	193 (100.0%)
	<b>Total</b>	<b>396 (68.3%)</b>	<b>184 (31.7%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	186 (98.4%)	3 ( 1.6%)	189 (100.0%)
	Hiran	107 (62.6%)	64 (37.4%)	171 (100.0%)
	Mudug	168 (89.4%)	20 (10.6%)	188 (100.0%)
	<b>Total</b>	<b>461 (84.1%)</b>	<b>87 (15.9%)</b>	<b>548 (100.0%)</b>

**Table 25: Does your household have sufficient water for other uses (not drinking) under normal circumstances?**

Survey	Region	Yes	No	Total
Baseline	Galgadud	326 (94.8%)	18 ( 5.2%)	344 (100.0%)
	Hiran	180 (58.3%)	129 (41.7%)	309 (100.0%)

	Mudug	190 (48.0%)	206 (52.0%)	396 (100.0%)
	<b>Total</b>	<b>696 (66.3%)</b>	<b>353 (33.7%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	183 (95.3%)	9 ( 4.7%)	192 (100.0%)
	Hiran	151 (77.4%)	44 (22.6%)	195 (100.0%)
	Mudug	112 (58.0%)	81 (42.0%)	193 (100.0%)
	<b>Total</b>	<b>446 (76.9%)</b>	<b>134 (23.1%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	187 (98.9%)	2 ( 1.1%)	189 (100.0%)
	Hiran	136 (79.5%)	35 (20.5%)	171 (100.0%)
	Mudug	175 (93.1%)	13 ( 6.9%)	188 (100.0%)
	<b>Total</b>	<b>498 (90.9%)</b>	<b>50 ( 9.1%)</b>	<b>548 (100.0%)</b>

**Table 26: Does your household have access to sufficient water for other uses (not drinking) during drought?**

Survey	Region	No	Yes	Total
Baseline	Galgadud	23 ( 6.7%)	321 (93.3%)	344 (100.0%)
	Hiran	151 (48.9%)	158 (51.1%)	309 (100.0%)
	Mudug	232 (58.6%)	164 (41.4%)	396 (100.0%)
	<b>Total</b>	<b>406 (38.7%)</b>	<b>643 (61.3%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	12 ( 6.2%)	180 (93.8%)	192 (100.0%)
	Hiran	175 (89.7%)	20 (10.3%)	195 (100.0%)
	Mudug	138 (71.5%)	55 (28.5%)	193 (100.0%)
	<b>Total</b>	<b>325 (56.0%)</b>	<b>255 (44.0%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	22 (11.6%)	167 (88.4%)	189 (100.0%)
	Hiran	58 (33.9%)	113 (66.1%)	171 (100.0%)
	Mudug	80 (42.6%)	108 (57.4%)	188 (100.0%)
	<b>Total</b>	<b>160 (29.2%)</b>	<b>388 (70.8%)</b>	<b>548 (100.0%)</b>

**Table 27: Does your household have to pay for drinking water?**

Survey	Region	Yes	No	Total
Baseline	Galgadud	338 (98.3%)	6 ( 1.7%)	344 (100.0%)
	Hiran	260 (84.1%)	49 (15.9%)	309 (100.0%)
	Mudug	286 (72.2%)	110 (27.8%)	396 (100.0%)
	<b>Total</b>	<b>884 (84.3%)</b>	<b>165 (15.7%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	187 (97.4%)	5 ( 2.6%)	192 (100.0%)
	Hiran	162 (83.1%)	33 (16.9%)	195 (100.0%)
	Mudug	167 (86.5%)	26 (13.5%)	193 (100.0%)
	<b>Total</b>	<b>516 (89.0%)</b>	<b>64 (11.0%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	170 (89.9%)	19 (10.1%)	189 (100.0%)
	Hiran	125 (73.1%)	46 (26.9%)	171 (100.0%)
	Mudug	172 (91.5%)	16 ( 8.5%)	188 (100.0%)
	<b>Total</b>	<b>467 (85.2%)</b>	<b>81 (14.8%)</b>	<b>548 (100.0%)</b>

**Table 28: Does your household have to pay for water for other uses (not drinking)?**

Survey	Region	No	Yes	Total
Baseline	Galgadud	12 ( 3.5%)	332 (96.5%)	344 (100.0%)
	Hiran	57 (18.4%)	252 (81.6%)	309 (100.0%)
	Mudug	246 (62.1%)	150 (37.9%)	396 (100.0%)
	<b>Total</b>	<b>315 (30.0%)</b>	<b>734 (70.0%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	6 ( 3.1%)	186 (96.9%)	192 (100.0%)
	Hiran	41 (21.0%)	154 (79.0%)	195 (100.0%)
	Mudug	65 (33.7%)	128 (66.3%)	193 (100.0%)
	<b>Total</b>	<b>112 (19.3%)</b>	<b>468 (80.7%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	14 ( 7.4%)	175 (92.6%)	189 (100.0%)
	Hiran	35 (20.5%)	136 (79.5%)	171 (100.0%)
	Mudug	40 (21.3%)	148 (78.7%)	188 (100.0%)
	<b>Total</b>	<b>89 (16.2%)</b>	<b>459 (83.8%)</b>	<b>548 (100.0%)</b>

**Table 29: Where do adult household members usually defecate/dispose of feces?**

Survey	Region	In the bush / open space	Latrine in the house	Latrine belonging to another household	Latrine belonging to village	Outside, near the house	Total
Baseline	Galgadud	7 ( 2.0%)	278 (80.8%)	15 (4.4%)	40 (11.6%)	4 (1.2%)	344 (100.0%)
	Hiran	48 (15.5%)	208 (67.3%)	22 (7.1%)	19 ( 6.1%)	12 (3.9%)	309 (100.0%)
	Mudug	10 ( 2.5%)	294 (74.2%)	36 (9.1%)	28 ( 7.1%)	28 (7.1%)	396 (100.0%)
	<b>Total</b>	<b>65 ( 6.2%)</b>	<b>780 (74.4%)</b>	<b>73 (7.0%)</b>	<b>87 ( 8.3%)</b>	<b>44 (4.2%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	0 ( 0.0%)	156 (81.2%)	32 (16.7%)	2 ( 1.0%)	2 ( 1.0%)	192 (100.0%)
	Hiran	20 (10.3%)	110 (56.4%)	23 (11.8%)	19 ( 9.7%)	23 (11.8%)	195 (100.0%)
	Mudug	9 ( 4.7%)	120 (62.2%)	23 (11.9%)	30 (15.5%)	11 ( 5.7%)	193 (100.0%)
	<b>Total</b>	<b>29 ( 5.0%)</b>	<b>386 (66.6%)</b>	<b>78 (13.4%)</b>	<b>51 ( 8.8%)</b>	<b>36 ( 6.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	0 (0.0%)	156 (82.5%)	28 (14.8%)	2 ( 1.1%)	3 ( 1.6%)	189 (100.0%)
	Hiran	9 (5.3%)	113 (66.1%)	6 ( 3.5%)	26 (15.2%)	17 ( 9.9%)	171 (100.0%)
	Mudug	3 (1.6%)	116 (61.7%)	32 (17.0%)	10 ( 5.3%)	27 (14.4%)	188 (100.0%)
	<b>Total</b>	<b>12 (2.2%)</b>	<b>385 (70.3%)</b>	<b>66 (12.0%)</b>	<b>38 ( 6.9%)</b>	<b>47 ( 8.6%)</b>	<b>548 (100.0%)</b>

**Table 30: How would you cope in case of drought? In baseline survey**

	Galgadud	Hiran	Mudug	Total
Ask for help from community	63 (18.3%)	11 ( 3.6%)	18 ( 4.5%)	92 ( 8.8%)
Ask for help from NGO/UN	16 ( 4.7%)	24 ( 7.8%)	60 (15.2%)	100 ( 9.5%)
Ask for help from relatives in community	6 (1.7%)	13 (4.2%)	21 (5.3%)	40 (3.8%)
Ask for help relatives outside community	2 (0.6%)	13 (4.2%)	7 (1.8%)	22 (2.1%)
Don't know	69 (20.1%)	0 ( 0.0%)	25 ( 6.3%)	94 ( 9.0%)

Migration of all household members	74 (21.5%)	77 (24.9%)	101 (25.5%)	252 (24.0%)
Migration of some household members	16 ( 4.7%)	86 (27.8%)	59 (14.9%)	161 (15.3%)
Nothing	84 (24.4%)	40 (12.9%)	95 (24.0%)	219 (20.9%)
Sale of assets	4 ( 1.2%)	38 (12.3%)	8 ( 2.0%)	50 ( 4.8%)
Use savings	3 (0.9%)	7 (2.3%)	1 (0.3%)	11 (1.0%)
Other	7 (2.0%)	0 (0.0%)	1 (0.3%)	8 (0.8%)
Total	344 (100.0%)	309 (100.0%)	396 (100.0%)	1049 (100.0%)

**Table 31: How would you cope in case of drought? In midline survey**

	Galgadud	Hiran	Mudug	Total
Ask for help from community	15 (7.8%)	11 (5.6%)	11 (5.7%)	37 (6.4%)
Ask for help from NGO/UN	34 (17.7%)	10 ( 5.1%)	45 (23.3%)	89 (15.3%)
Ask for help from relatives in community	13 ( 6.8%)	63 (32.3%)	17 ( 8.8%)	93 (16.0%)
Ask for help from relatives outside community	5 (2.6%)	6 (3.1%)	14 (7.3%)	25 (4.3%)
Don't know	8 (4.2%)	1 (0.5%)	10 (5.2%)	19 (3.3%)
Migration of all household members	48 (25.0%)	20 (10.3%)	35 (18.1%)	103 (17.8%)
Migration of some household members	34 (17.7%)	39 (20.0%)	22 (11.4%)	95 (16.4%)
Nothing	21 (10.9%)	29 (14.9%)	27 (14.0%)	77 (13.3%)
Sale of assets	14 (7.3%)	13 (6.7%)	11 (5.7%)	38 (6.6%)
Use savings	0 (0.0%)	3 (1.5%)	1 (0.5%)	4 (0.7%)
Total	192 (100.0%)	195 (100.0%)	193 (100.0%)	580 (100.0%)

**Table 32: How would you cope in case of drought? In endline survey**

	Galgadud	Hiran	Mudug	Total
Ask for help from community	2 ( 1.1%)	22 (12.9%)	13 ( 6.9%)	37 ( 6.8%)
Ask for help from NGO/UN	3 (1.6%)	17 (9.9%)	2 (1.1%)	22 (4.0%)
Ask for help from relatives in community	5 ( 2.6%)	12 ( 7.0%)	19 (10.1%)	36 ( 6.6%)
Ask for help from relatives outside community	0 ( 0.0%)	53 (31.0%)	2 ( 1.1%)	55 (10.0%)
Don't know	0 (0.0%)	2 (1.2%)	8 (4.3%)	10 (1.8%)
Migration of all household members	78 (41.3%)	23 (13.5%)	65 (34.6%)	166 (30.3%)
Migration of some household members	28 (14.8%)	16 ( 9.4%)	24 (12.8%)	68 (12.4%)
Nothing	38 (20.1%)	20 (11.7%)	52 (27.7%)	110 (20.1%)
Sale of assets	33 (17.5%)	5 ( 2.9%)	2 ( 1.1%)	40 ( 7.3%)
Use savings	2 (1.1%)	1 (0.6%)	1 (0.5%)	4 (0.7%)
Total	189 (100.0%)	171 (100.0%)	188 (100.0%)	548 (100.0%)

**Table 33: How would you cope in case of conflict? In baseline survey**

	Galgadud	Hiran	Mudug	Total
Ask for help from community	94 (18.0%)	31 ( 5.9%)	27 ( 5.1%)	152 ( 9.6%)

Ask for help from NGO/UN	31 ( 5.9%)	45 ( 8.5%)	71 (13.4%)	147 ( 9.3%)
Ask for help from relatives in community	53 (10.2%)	40 ( 7.6%)	37 ( 7.0%)	130 ( 8.2%)
Ask for help from relatives outside community	39 (7.5%)	27 (5.1%)	23 (4.3%)	89 (5.6%)
Don't know	28 (5.4%)	1 (0.2%)	17 (3.2%)	46 (2.9%)
Migration of all household members	208 (39.8%)	201 (38.1%)	222 (41.8%)	631 (39.9%)
Migration of some household members	32 ( 6.1%)	77 (14.6%)	92 (17.3%)	201 (12.7%)
Nothing	26 (5.0%)	35 (6.6%)	30 (5.6%)	91 (5.8%)
Other	0 (0.0%)	1 (0.2%)	1 (0.2%)	2 (0.1%)
Sale of assets	3 (0.6%)	37 (7.0%)	11 (2.1%)	51 (3.2%)
Use savings	8 (1.5%)	32 (6.1%)	0 (0.0%)	40 (2.5%)
Total	522 (100.0%)	527 (100.0%)	531 (100.0%)	1580 (100.0%)

**Table 34: How would you cope in case of conflict? In midline survey**

	Galgadud	Hiran	Mudug	Total
Ask help from community	10 ( 5.0%)	70 (18.9%)	18 ( 7.0%)	98 (11.9%)
Ask help from NGO/UN	7 ( 3.5%)	29 ( 7.8%)	35 (13.7%)	71 ( 8.6%)
Ask help from relatives in the community	19 ( 9.5%)	64 (17.3%)	13 ( 5.1%)	96 (11.6%)
Ask help from relatives outside the community	5 (2.5%)	18 (4.9%)	9 (3.5%)	32 (3.9%)
Don't know	8 ( 4.0%)	7 ( 1.9%)	32 (12.5%)	47 ( 5.7%)
Migration of all household members	123 (61.8%)	83 (22.4%)	96 (37.5%)	302 (36.6%)
Migration of some household members	15 ( 7.5%)	65 (17.5%)	27 (10.5%)	107 (13.0%)
Nothing	10 (5.0%)	22 (5.9%)	14 (5.5%)	46 (5.6%)
Sale of assets	2 (1.0%)	3 (0.8%)	10 (3.9%)	15 (1.8%)
Use of savings	0 (0.0%)	10 (2.7%)	2 (0.8%)	12 (1.5%)
Total	199 (100.0%)	371 (100.0%)	256 (100.0%)	826 (100.0%)

**Table 35: How would you cope in case of flood? In baseline survey**

	Galgadud	Hiran	Mudug	Total
Ask for help from community	52 (15.1%)	3 ( 1.0%)	7 ( 1.8%)	62 ( 5.9%)
Ask for help from NGO/UN	27 (7.8%)	11 (3.6%)	16 (4.0%)	54 (5.1%)
Ask for help from relatives in community	7 (2.0%)	3 (1.0%)	13 (3.3%)	23 (2.2%)
Ask for help from relatives outside community	2 (0.6%)	3 (1.0%)	7 (1.8%)	12 (1.1%)
Don't know	93 (27.0%)	0 ( 0.0%)	79 (19.9%)	172 (16.4%)
Migration of all household members	80 (23.3%)	187 (60.5%)	134 (33.8%)	401 (38.2%)
Migration of some household members	32 ( 9.3%)	44 (14.2%)	18 ( 4.5%)	94 ( 9.0%)
Nothing	44 (12.8%)	51 (16.5%)	119 (30.1%)	214 (20.4%)
Other	0 (0.0%)	3 (1.0%)	0 (0.0%)	3 (0.3%)
Sale of assets	2 (0.6%)	3 (1.0%)	3 (0.8%)	8 (0.8%)
Use savings	5 (1.5%)	1 (0.3%)	0 (0.0%)	6 (0.6%)
Total	344 (100.0%)	309 (100.0%)	396 (100.0%)	1049 (100.0%)

**Table 36: How would you cope in case of flood? In midline survey**

	<b>Galgadud</b>	<b>Hiran</b>	<b>Mudug</b>	<b>Total</b>
Ask for help from community	22 (11.5%)	8 ( 4.1%)	5 ( 2.6%)	35 ( 6.0%)
Ask for help from NGO/UN	28 (14.6%)	14 ( 7.2%)	34 (17.6%)	76 (13.1%)
Ask for help from relatives in community	19 ( 9.9%)	41 (21.0%)	2 ( 1.0%)	62 (10.7%)
Ask for help from relatives outside community	2 (1.0%)	9 (4.6%)	3 (1.6%)	14 (2.4%)
Don't know	11 ( 5.7%)	14 ( 7.2%)	46 (23.8%)	71 (12.2%)
Migration of all household members	67 (34.9%)	55 (28.2%)	44 (22.8%)	166 (28.6%)
Migration of some household members	22 (11.5%)	32 (16.4%)	16 ( 8.3%)	70 (12.1%)
Nothing	17 ( 8.9%)	21 (10.8%)	31 (16.1%)	69 (11.9%)
Sale assets	4 (2.1%)	0 (0.0%)	4 (2.1%)	8 (1.4%)
Use savings	0 (0.0%)	1 (0.5%)	8 (4.1%)	9 (1.6%)
<b>Total</b>	<b>192 (100.0%)</b>	<b>195 (100.0%)</b>	<b>193 (100.0%)</b>	<b>580 (100.0%)</b>

**Table 37: How would you cope in case of flood? In endline survey**

	<b>Galgadud</b>	<b>Hiran</b>	<b>Mudug</b>	<b>Total</b>
Ask for help from community	0 (0.0%)	12 (7.0%)	12 (6.4%)	24 (4.4%)
Ask for help from NGO/UN	5 ( 2.6%)	33 (19.3%)	3 ( 1.6%)	41 ( 7.5%)
Ask for help from relatives in community	2 (1.1%)	9 (5.3%)	17 (9.0%)	28 (5.1%)
Ask for help from relatives outside community	0 ( 0.0%)	25 (14.6%)	1 ( 0.5%)	26 ( 4.7%)
Don't know	0 (0.0%)	8 (4.7%)	11 (5.9%)	19 (3.5%)
Migration of all household members	125 (66.1%)	43 (25.1%)	89 (47.3%)	257 (46.9%)
Migration of some household members	13 (6.9%)	6 (3.5%)	18 (9.6%)	37 (6.8%)
Nothing	34 (18.0%)	34 (19.9%)	36 (19.1%)	104 (19.0%)
Sale of assets	10 (5.3%)	1 (0.6%)	0 (0.0%)	11 (2.0%)
Use savings	0 (0.0%)	0 (0.0%)	1 (0.5%)	1 (0.2%)
<b>Total</b>	<b>189 (100.0%)</b>	<b>171 (100.0%)</b>	<b>188 (100.0%)</b>	<b>548 (100.0%)</b>

**Table 38: How would you cope in case of disease? In baseline survey**

	<b>Galgadud</b>	<b>Hiran</b>	<b>Mudug</b>	<b>Total</b>
Ask for help from community	137 (27.3%)	58 (10.5%)	54 ( 9.8%)	249 (15.5%)
Ask for help from NGO/UN	95 (18.9%)	108 (19.5%)	152 (27.6%)	355 (22.1%)
Ask for help from relatives in community	34 ( 6.8%)	50 ( 9.0%)	59 (10.7%)	143 ( 8.9%)
Ask for help from relatives outside community	40 ( 8.0%)	54 ( 9.7%)	55 (10.0%)	149 ( 9.3%)
Don't know	73 (14.5%)	2 ( 0.4%)	44 ( 8.0%)	119 ( 7.4%)
Migration of all household members	50 (10.0%)	65 (11.7%)	44 ( 8.0%)	159 ( 9.9%)
Migration of some households members	18 ( 3.6%)	67 (12.1%)	34 ( 6.2%)	119 ( 7.4%)
Nothing	40 ( 8.0%)	53 ( 9.6%)	90 (16.3%)	183 (11.4%)
Other	4 (0.8%)	1 (0.2%)	4 (0.7%)	9 (0.6%)
Sale of assets	5 ( 1.0%)	57 (10.3%)	14 ( 2.5%)	76 ( 4.7%)
Use savings	6 (1.2%)	39 (7.0%)	1 (0.2%)	46 (2.9%)

Total	502 (100.0%)	554 (100.0%)	551 (100.0%)	1607 (100.0%)
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**Table 38: How would you cope in case of disease? In midline survey**

	Galgadud	Hiran	Mudug	Total
Ask help from community	29 (13.6%)	73 (20.0%)	51 (17.1%)	153 (17.4%)
Ask help from NGO/UN	76 (35.5%)	67 (18.4%)	112 (37.6%)	255 (29.1%)
Ask help from relatives in the community	24 (11.2%)	63 (17.3%)	20 (6.7%)	107 (12.2%)
Ask help from relatives outside the community	6 (2.8%)	34 (9.3%)	18 (6.0%)	58 (6.6%)
Don't know	21 (9.8%)	4 (1.1%)	17 (5.7%)	42 (4.8%)
Migration of all household members	15 (7.0%)	48 (13.2%)	36 (12.1%)	99 (11.3%)
Migration of some household members	6 (2.8%)	23 (6.3%)	19 (6.4%)	48 (5.5%)
Nothing	34 (15.9%)	23 (6.3%)	16 (5.4%)	73 (8.3%)
Sale of assets	2 (0.9%)	16 (4.4%)	6 (2.0%)	24 (2.7%)
Use of savings	1 (0.5%)	14 (3.8%)	3 (1.0%)	18 (2.1%)
Total	214 (100.0%)	365 (100.0%)	298 (100.0%)	877 (100.0%)

**Table 39: Your household is able to resist to shocks like drought, floods, diseases or conflict.**

Survey	Region	Agree	Disagree	Don't know	Neutral (neither agree nor disagree)	Strongly agree	Strongly disagree	Total
Baseline	Galgadud	14 (4.1%)	161 (46.8%)	53 (15.4%)	91 (26.5%)	20 (5.8%)	5 (1.5%)	344 (100.0%)
	Hiran	98 (31.7%)	122 (39.5%)	0 (0.0%)	25 (8.1%)	21 (6.8%)	43 (13.9%)	309 (100.0%)
	Mudug	18 (4.5%)	182 (46.0%)	3 (0.8%)	62 (15.7%)	11 (2.8%)	120 (30.3%)	396 (100.0%)
	<b>Total</b>	<b>130 (12.4%)</b>	<b>465 (44.3%)</b>	<b>56 (5.3%)</b>	<b>178 (17.0%)</b>	<b>52 (5.0%)</b>	<b>168 (16.0%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	72 (37.5%)	50 (26.0%)	2 (1.0%)	33 (17.2%)	23 (12.0%)	12 (6.2%)	192 (100.0%)
	Hiran	32 (16.4%)	87 (44.6%)	0 (0.0%)	31 (15.9%)	29 (14.9%)	16 (8.2%)	195 (100.0%)
	Mudug	8 (4.1%)	77 (39.9%)	2 (1.0%)	19 (9.8%)	3 (1.6%)	84 (43.5%)	193 (100.0%)
	<b>Total</b>	<b>112 (19.3%)</b>	<b>214 (36.9%)</b>	<b>4 (0.7%)</b>	<b>83 (14.3%)</b>	<b>55 (9.5%)</b>	<b>112 (19.3%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	54 (28.6%)	28 (14.8%)	2 (1.1%)	41 (21.7%)	40 (21.2%)	24 (12.7%)	189 (100.0%)
	Hiran	31 (18.1%)	58 (33.9%)	0 (0.0%)	39 (22.8%)	11 (6.4%)	32 (18.7%)	171 (100.0%)
	Mudug	85 (45.2%)	23 (12.2%)	1 (0.5%)	48 (25.5%)	12 (6.4%)	19 (10.1%)	188 (100.0%)
	<b>Total</b>	<b>170 (31.0%)</b>	<b>109 (19.9%)</b>	<b>3 (0.5%)</b>	<b>128 (23.4%)</b>	<b>63 (11.5%)</b>	<b>75 (13.7%)</b>	<b>548 (100.0%)</b>

**Table 40: Food consumption score**

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	45.7	22.0	7.5	42.75	91	344
	Hiran	32.8	15.1	0	33	72	309
	Mudug	40.5	19.5	4.5	41.5	87.5	396
		<b>39.7</b>					<b>1049</b>

Midline	Galgadud	42.2	18.5	0	40	99	192
	Hiran	35.8	17.6	3.5	36.5	83.5	195
	Mudug	38.8	20.3	0.5	37	85	193
		<b>39.0</b>					<b>580</b>
Endline	Galgadud	56.9	13.7	23	55.5	97.5	189
	Hiran	69.1	25.0	20	70	112	171
	Mudug	55.2	16.6	17.5	55.5	96.5	188
		<b>60.4</b>					<b>548</b>

**Table 41: Food consumption score categories**

Survey	Region	Acceptable	Borderline	Poor	Total
Baseline	Galgadud	218 (63.4%)	67 (19.5%)	59 (17.2%)	344 (100.0%)
	Hiran	143 (46.3%)	95 (30.7%)	71 (23.0%)	309 (100.0%)
	Mudug	233 (58.8%)	77 (19.4%)	86 (21.7%)	396 (100.0%)
	<b>Total</b>	<b>594 (56.6%)</b>	<b>239 (22.8%)</b>	<b>216 (20.6%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	112 (58.3%)	61 (31.8%)	19 (9.9%)	192 (100.0%)
	Hiran	103 (52.8%)	46 (23.6%)	46 (23.6%)	195 (100.0%)
	Mudug	102 (52.8%)	44 (22.8%)	47 (24.4%)	193 (100.0%)
	<b>Total</b>	<b>317 (54.7%)</b>	<b>151 (26.0%)</b>	<b>112 (19.3%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	179 (94.7%)	10 (5.3%)	0 (0.0%)	189 (100.0%)
	Hiran	147 (86.0%)	23 (13.5%)	1 (0.6%)	171 (100.0%)
	Mudug	170 (90.4%)	17 (9.0%)	1 (0.5%)	188 (100.0%)
	<b>Total</b>	<b>496 (90.5%)</b>	<b>50 (9.1%)</b>	<b>2 (0.4%)</b>	<b>548 (100.0%)</b>

**Table 42: HDDS**

Survey	Region	Mean	Standard deviation	min	Median	Maximum	N
Baseline	Galgadud	8.1	2.0	3	8	15	344
	Hiran	7.0	2.4	0	7	12	309
	Mudug	5.7	2.8	0	6	16	396
		<b>7.0</b>					<b>1049</b>
Midline	Galgadud	7.6	2.2	1	8	13	192
	Hiran	7.7	3.4	2	7	15	195
	Mudug	5.2	2.1	1	5	11	193
		<b>6.8</b>					<b>580</b>
Endline	Galgadud	8.0	1.9	4	8	12	189
	Hiran	8.8	2.1	4	9	14	171
	Mudug	7.3	2.2	3	7	13	188
		<b>8.0</b>					<b>548</b>

**Table 43: Average number of days for each coping strategy**



Survey	Strategy	Galgadud	Hiran	Mudug
Baseline	Restrict consumption of adults in order for small children to eat?	1.5	1.6	1.9
	Beg for food (Tuugsi/dawarsi)?	0.1	0.1	0.2
	Borrow food for consumption (to be repaid in future â€" in kind)	1.3	1.8	3.0
	Community identified your household as in need of food and gives support? (Qaraan)	0.0	0.1	0.5
	Borrow food on credit from another household (Amaah)?	3.5	2.0	2.7
	Rely on food donations from the clan/community (Kaalmo)?	0.3	0.4	0.7
	Rely on food donations from relatives (Qaraabo)?	0.6	0.5	0.7
	Send household members to eat elsewhere?	0.3	0.2	0.6
	Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	1.6	1.9	2.7
	Seek or rely on food aid from humanitarian agencies?	0.2	0.4	0.9
	Rely on hunting for food (ugaarsi)?	0.1	0.1	0.4
	Consume to less preferred (low quality, less expensive) foods?	2.3	1.6	3.1
	Reduce home milk consumption and sell more of milk produced?	0.5	0.3	1.4
	Stop all home milk consumption and sell all milk produced?	0.3	0.5	0.5
	Reduce number of meals per day?	3.6	2.3	4.0
	Skip entire days without eating (Qadoodi)?	0.2	0.5	1.1
	Consume spoilt or left-over foods	0.1	0.1	0.7
	Consume weak un-saleable animals (caateysi)?	0.2	0.1	1.0
	Borrow food for consumption (to be repaid in future â€" in kind)	NA	1.4	NA
	Consume immature crops (fruits or cereals)?	NA	0.0	NA
	Reduce number of meals per day by one (e.g. from three to two)?	NA	1.3	NA
	Reduce number of meals per day by two (e.g. from three to one)?	NA	1.7	NA
	Eating unacceptable/prohibited foods (animal skins, grass & roots, clotted blood, tree leaves, warthogs)	NA	0.0	NA
	Consume seeds meant for future planting?	NA	0.0	NA
	Consume wild foods?	NA	0.0	NA
Midline	Restrict consumption of adults in order for small children to eat?	0.4	0.8	1.7
	Beg for food (Tuugsi/dawarsi)?	0.0	0.0	0.1
	Borrow food on credit from another household (Amaah)?	1.0	1.3	2.4
	Community identified your household as in need of food and gives support? (Qaraan)	1.2	1.1	2.4
	Borrow food for consumption (to be repaid in future â€" in kind)	0.0	0.3	0.4
	Rely on food donations from the clan/community (Kaalmo)?	0.1	0.5	0.8
	Rely on food donations from relatives (Qaraabo)?	0.1	0.1	0.6
	Send household members to eat elsewhere?	1.5	1.2	2.5
	Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	0.1	0.4	0.6
	Seek or rely on food aid from humanitarian agencies?	0.0	0.1	0.2
	Rely on hunting for food (ugaarsi)?	2.3	1.7	2.8
	Consume to less preferred (low quality, less expensive) foods?	0.0	0.3	0.3
	Reduce home milk consumption and sell more of milk produced?	2.1	1.7	3.1
	Stop all home milk consumption and sell all milk produced?	0.3	0.3	0.7
	Reduce number of meals per day?	0.0	0.1	0.6
	Skip entire days without eating (Qadoodi)?	0.0	0.3	0.5

	Consume spoilt or left-over foods	NA	0.4	0.0
	Consume weak un-saleable animals (caateysi)?	NA	0.2	0.0
	Borrow food for consumption (to be repaid in future â€" in kind)	NA	NA	2.0
	Consume immature crops (fruits or cereals)?	NA	NA	0.0
	Reduce number of meals per day by one (e.g. from three to two)?	NA	NA	0.0
	Reduce number of meals per day by two (e.g. from three to one)?	NA	NA	2.0
	Eating unacceptable/prohibited foods (animal skins, grass & roots, clotted blood, tree leaves, warthogs)	NA	NA	0.0
	Consume seeds meant for future planting?	NA	NA	0.0
	Consume wild foods?	NA	NA	0.0
Endline	Restrict consumption of adults in order for small children to eat?	0.8	0.4	0.8
	Beg for food (Tuugsi/dawarsi)?	0.0	0.0	0.0
	Borrow food for consumption (to be repaid in future â€" in kind)	0.7	1.9	1.2
	Community identified your household as in need of food and gives support? (Qaraan)	0.0	0.0	0.2
	Borrow food on credit from another household (Amaah)?	1.0	1.5	1.3
	Rely on food donations from the clan/community (Kaalmo)?	0.1	0.0	0.1
	Rely on food donations from relatives (Qaraabo)?	0.1	0.1	0.3
	Send household members to eat elsewhere?	0.0	0.0	0.0
	Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	2.4	1.3	1.7
	Seek or rely on food aid from humanitarian agencies?	0.1	0.2	0.4
	Rely on hunting for food (ugaarsi)?	0.1	0.6	0.0
	Consume to less preferred (low quality, less expensive) foods?	1.5	1.5	1.7
	Reduce home milk consumption and sell more of milk produced?	0.7	0.6	0.3
	Stop all home milk consumption and sell all milk produced?	0.0	0.3	0.0
	Reduce number of meals per day?	2.0	1.8	2.7
	Skip entire days without eating (Qadoodi)?	0.0	0.1	0.0
	Consume spoilt or left-over foods	0.0	0.0	0.0
	Consume weak un-saleable animals (caateysi)?	0.1	0.3	0.0
	Borrow food for consumption (to be repaid in future â€" in kind)	NA	NA	0.0
	Consume immature crops (fruits or cereals)?	NA	NA	0.0
	Reduce number of meals per day by one (e.g. from three to two)?	NA	NA	0.0
	Reduce number of meals per day by two (e.g. from three to one)?	NA	NA	0.2
	Eating unacceptable/prohibited foods (animal skins, grass & roots, clotted blood, tree leaves, warthogs)	NA	NA	0.0
	Consume seeds meant for future planting?	NA	NA	0.0
	Consume wild foods?	NA	NA	0.0

**Table 44: Percentage of households who reported to adopt the coping strategy**

Survey		Galgadud	Hiran	Mudug	Total
Baseline	Restrict consumption of adults in order for small children to eat?	246 (11.4%)	217 (11.6%)	284 ( 9.8%)	747 (10.8%)
	Beg for food (Tuugsi/dawarsi)?	30 (1.4%)	18 (1.0%)	30 (1.0%)	78 (1.1%)
	Borrow food on credit from another household (Amaah)?	241 (11.1%)	266 (14.2%)	337 (11.7%)	844 (12.2%)

	Borrow food for consumption (to be repaid in future â€" in kind)	0 (0.0%)	5 (0.3%)	0 (0.0%)	5 (0.1%)
	Community identified your household as in need of food and gives support? (Qaraan)	0 (0.0%)	1 (0.1%)	1 (0.0%)	2 (0.0%)
	Borrow food on credit from the shop/market (Deyn)?	250 (11.5%)	178 (9.5%)	272 (9.4%)	700 (10.1%)
	Rely on food donations from the clan/community (Kaalmo)?	98 (4.5%)	89 (4.8%)	117 (4.1%)	304 (4.4%)
	Rely on food donations from relatives (Qaraabo)?	122 (5.6%)	94 (5.0%)	134 (4.6%)	350 (5.1%)
	Send household members to eat elsewhere?	79 (3.6%)	40 (2.1%)	118 (4.1%)	237 (3.4%)
	Reduce number of meals per day?	314 (14.5%)	267 (14.3%)	374 (13.0%)	955 (13.8%)
	Seek or rely on food aid from humanitarian agencies?	62 (2.9%)	64 (3.4%)	138 (4.8%)	264 (3.8%)
	Rely on hunting for food (ugaarsi)?	5 (0.2%)	4 (0.2%)	10 (0.3%)	19 (0.3%)
	Consume to less preferred (low quality, less expensive) foods?	318 (14.7%)	206 (11.0%)	348 (12.1%)	872 (12.6%)
	Reduce home milk consumption and sell more of milk produced?	14 (0.6%)	19 (1.0%)	33 (1.1%)	66 (1.0%)
	Stop all home milk consumption and sell all milk produced?	1 (0.0%)	4 (0.2%)	1 (0.0%)	6 (0.1%)
	Reduce number of meals per day by two (e.g. from three to one)?	0 (0.0%)	10 (0.5%)	0 (0.0%)	10 (0.1%)
	Reduce number of meals per day by one (e.g. from three to two)?	0 (0.0%)	10 (0.5%)	0 (0.0%)	10 (0.1%)
	Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	322 (14.9%)	284 (15.2%)	380 (13.2%)	986 (14.2%)
	Skip entire days without eating (Qadoodi)?	37 (1.7%)	73 (3.9%)	163 (5.7%)	273 (3.9%)
	Consume spoilt or left-over foods	20 (0.9%)	15 (0.8%)	108 (3.7%)	143 (2.1%)
	Consume weak un-saleable animals (caateysi)?	8 (0.4%)	9 (0.5%)	36 (1.2%)	53 (0.8%)
	<b>Total</b>	<b>2167 (100.0%)</b>	<b>1873 (100.0%)</b>	<b>2884 (100.0%)</b>	<b>6924 (100.0%)</b>
Midline	Restrict consumption of adults in order for small children to eat?	60 (6.8%)	119 (10.8%)	127 (10.3%)	306 (9.5%)
	Beg for food (Tuugsi/dawarsi)?	1 (0.1%)	6 (0.5%)	13 (1.1%)	20 (0.6%)
	Borrow food on credit from another household (Amaah)?	102 (11.5%)	158 (14.3%)	160 (12.9%)	420 (13.0%)
	Borrow food for consumption (to be repaid in future â€" in kind)	0 (0.0%)	0 (0.0%)	1 (0.1%)	1 (0.0%)
	Community identified your household as in need of food and gives support? (Qaraan)	0 (0.0%)	10 (0.9%)	0 (0.0%)	10 (0.3%)
	Borrow food on credit from the shop/market (Deyn)?	130 (14.7%)	93 (8.4%)	134 (10.8%)	357 (11.1%)
	Rely on food donations from the clan/community (Kaalmo)?	6 (0.7%)	30 (2.7%)	32 (2.6%)	68 (2.1%)
	Rely on food donations from relatives (Qaraabo)?	26 (2.9%)	48 (4.3%)	50 (4.0%)	124 (3.8%)
	Send household members to eat elsewhere?	25 (2.8%)	14 (1.3%)	35 (2.8%)	74 (2.3%)
	Reduce number of meals per day?	155 (17.5%)	146 (13.2%)	161 (13.0%)	462 (14.3%)
	Seek or rely on food aid from humanitarian agencies?	12 (1.4%)	44 (4.0%)	39 (3.2%)	95 (2.9%)
	Rely on hunting for food (ugaarsi)?	0 (0.0%)	3 (0.3%)	6 (0.5%)	9 (0.3%)
	Consume to less preferred (low quality, less expensive) foods?	148 (16.7%)	179 (16.2%)	167 (13.5%)	494 (15.3%)
	Reduce home milk consumption and sell more of milk produced?	0 (0.0%)	14 (1.3%)	8 (0.6%)	22 (0.7%)
	Stop all home milk consumption and sell all milk produced?	0 (0.0%)	5 (0.5%)	0 (0.0%)	5 (0.2%)
	Reduce number of meals per day by one (e.g. from three to two)?	0 (0.0%)	0 (0.0%)	1 (0.1%)	1 (0.0%)
	Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	167 (18.9%)	183 (16.6%)	184 (14.9%)	534 (16.5%)
	Skip entire days without eating (Qadoodi)?	45 (5.1%)	32 (2.9%)	68 (5.5%)	145 (4.5%)
	Consume spoilt or left-over foods	7 (0.8%)	9 (0.8%)	40 (3.2%)	56 (1.7%)
	Consume weak un-saleable animals (caateysi)?	0 (0.0%)	12 (1.1%)	12 (1.0%)	24 (0.7%)

	<b>Total</b>	<b>884 (100.0%)</b>	<b>1105 (100.0%)</b>	<b>1238 (100.0%)</b>	<b>3227 (100.0%)</b>
Endline	Restrict consumption of adults in order for small children to eat?	79 (9.5%)	49 (6.1%)	47 (6.7%)	175 (7.5%)
	Beg for food (Tuugsi/dawarsi)?	3 (0.4%)	1 (0.1%)	1 (0.1%)	5 (0.2%)
	Borrow food on credit from another household (Amaah)?	88 (10.5%)	152 (19.0%)	126 (17.8%)	366 (15.6%)
	Community identified your household as in need of food and gives support? (Qaraan)	0 (0.0%)	0 (0.0%)	1 (0.1%)	1 (0.0%)
	Borrow food on credit from the shop/market (Deyn)?	103 (12.3%)	120 (15.0%)	91 (12.9%)	314 (13.4%)
	Rely on food donations from the clan/community (Kaalmu)?	9 (1.1%)	3 (0.4%)	7 (1.0%)	19 (0.8%)
	Rely on food donations from relatives (Qaraabo)?	19 (2.3%)	9 (1.1%)	21 (3.0%)	49 (2.1%)
	Send household members to eat elsewhere?	8 (1.0%)	4 (0.5%)	4 (0.6%)	16 (0.7%)
	Reduce number of meals per day?	181 (21.7%)	116 (14.5%)	120 (17.0%)	417 (17.8%)
	Seek or rely on food aid from humanitarian agencies?	12 (1.4%)	16 (2.0%)	29 (4.1%)	57 (2.4%)
	Rely on hunting for food (ugaarsi)?	2 (0.2%)	7 (0.9%)	1 (0.1%)	10 (0.4%)
	Consume to less preferred (low quality, less expensive) foods?	145 (17.4%)	141 (17.6%)	125 (17.7%)	411 (17.6%)
	Reduce home milk consumption and sell more of milk produced?	10 (1.2%)	24 (3.0%)	3 (0.4%)	37 (1.6%)
	Stop all home milk consumption and sell all milk produced?	0 (0.0%)	10 (1.3%)	0 (0.0%)	10 (0.4%)
	Reduce number of meals per day by one (e.g. from three to two)?	0 (0.0%)	0 (0.0%)	1 (0.1%)	1 (0.0%)
	Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	168 (20.1%)	135 (16.9%)	118 (16.7%)	421 (18.0%)
	Skip entire days without eating (Qadoodi)?	7 (0.8%)	7 (0.9%)	6 (0.8%)	20 (0.9%)
	Consume spoilt or left-over foods	0 (0.0%)	1 (0.1%)	5 (0.7%)	6 (0.3%)
	Consume weak un-saleable animals (caateysi)?	1 (0.1%)	4 (0.5%)	0 (0.0%)	5 (0.2%)
	<b>Total</b>	<b>835 (100.0%)</b>	<b>799 (100.0%)</b>	<b>706 (100.0%)</b>	<b>2340 (100.0%)</b>

**Table 45: How the village is able to resist to shocks like drought, floods, diseases or conflict.**

Survey	Region	Agree	Disagree	Don't know	Neutral (neither agree nor disagree)	Strongly agree	Strongly disagree	Total
Baseline	Galgadud	23 ( 6.7%)	163 (47.4%)	50 (14.5%)	92 (26.7%)	14 (4.1%)	2 ( 0.6%)	344 (100.0%)
	Hiran	81 (26.2%)	141 (45.6%)	0 ( 0.0%)	22 ( 7.1%)	30 (9.7%)	35 (11.3%)	309 (100.0%)
	Mudug	21 ( 5.3%)	150 (37.9%)	3 ( 0.8%)	75 (18.9%)	8 (2.0%)	139 (35.1%)	396 (100.0%)
	<b>Total</b>	<b>125 (11.9%)</b>	<b>454 (43.3%)</b>	<b>53 ( 5.1%)</b>	<b>189 (18.0%)</b>	<b>52 (5.0%)</b>	<b>176 (16.8%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	71 (37.0%)	30 (15.6%)	6 (3.1%)	63 (32.8%)	17 (8.9%)	5 ( 2.6%)	192 (100.0%)
	Hiran	44 (22.6%)	83 (42.6%)	0 (0.0%)	38 (19.5%)	16 (8.2%)	14 ( 7.2%)	195 (100.0%)
	Mudug	14 ( 7.3%)	72 (37.3%)	2 (1.0%)	17 ( 8.8%)	7 (3.6%)	81 (42.0%)	193 (100.0%)
	<b>Total</b>	<b>129 (22.2%)</b>	<b>185 (31.9%)</b>	<b>8 (1.4%)</b>	<b>118 (20.3%)</b>	<b>40 (6.9%)</b>	<b>100 (17.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	54 (28.6%)	28 (14.8%)	2 (1.1%)	41 (21.7%)	40 (21.2%)	24 (12.7%)	189 (100.0%)
	Hiran	31 (18.1%)	58 (33.9%)	0 (0.0%)	39 (22.8%)	11 ( 6.4%)	32 (18.7%)	171 (100.0%)
	Mudug	85 (45.2%)	23 (12.2%)	1 (0.5%)	48 (25.5%)	12 ( 6.4%)	19 (10.1%)	188 (100.0%)
	<b>Total</b>	<b>170 (31.0%)</b>	<b>109 (19.9%)</b>	<b>3 (0.5%)</b>	<b>128 (23.4%)</b>	<b>63 (11.5%)</b>	<b>75 (13.7%)</b>	<b>548 (100.0%)</b>

**Table 46: My village is capable of assisting households in difficulty**

Survey	Region	Strongly agree	Agree	Neutral (neither agree nor disagree)	Disagree	Strongly disagree	Don't know	Total
Baseline	Galgadud	21 (6.1%)	65 (18.9%)	148 (43.0%)	88 (25.6%)	3 (0.9%)	19 (5.5%)	344 (100.0%)
	Hiran	21 (6.8%)	124 (40.1%)	41 (13.3%)	98 (31.7%)	25 (8.1%)	0 (0.0%)	309 (100.0%)
	Mudug	7 (1.8%)	142 (35.9%)	73 (18.4%)	119 (30.1%)	48 (12.1%)	7 (1.8%)	396 (100.0%)
	<b>Total</b>	<b>49 (4.7%)</b>	<b>331 (31.6%)</b>	<b>262 (25.0%)</b>	<b>305 (29.1%)</b>	<b>76 (7.2%)</b>	<b>26 (2.5%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	7 (3.6%)	95 (49.5%)	59 (30.7%)	21 (10.9%)	7 (3.6%)	3 (1.6%)	192 (100.0%)
	Hiran	14 (7.2%)	69 (35.4%)	58 (29.7%)	46 (23.6%)	8 (4.1%)	0 (0.0%)	195 (100.0%)
	Mudug	5 (2.6%)	26 (13.5%)	20 (10.4%)	81 (42.0%)	59 (30.6%)	2 (1.0%)	193 (100.0%)
	<b>Total</b>	<b>26 (4.5%)</b>	<b>190 (32.8%)</b>	<b>137 (23.6%)</b>	<b>148 (25.5%)</b>	<b>74 (12.8%)</b>	<b>5 (0.9%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	50 (26.5%)	74 (39.2%)	33 (17.5%)	14 (7.4%)	18 (9.5%)	0 (0.0%)	189 (100.0%)
	Hiran	4 (2.3%)	32 (18.7%)	53 (31.0%)	31 (18.1%)	43 (25.1%)	8 (4.7%)	171 (100.0%)
	Mudug	19 (10.1%)	103 (54.8%)	49 (26.1%)	12 (6.4%)	4 (2.1%)	1 (0.5%)	188 (100.0%)
	<b>Total</b>	<b>73 (13.3%)</b>	<b>209 (38.1%)</b>	<b>135 (24.6%)</b>	<b>57 (10.4%)</b>	<b>65 (11.9%)</b>	<b>9 (1.6%)</b>	<b>548 (100.0%)</b>

**Table 47: My village is a safe place**

Survey	Region	Strongly agree	Agree	Neutral (neither agree nor disagree)	Disagree	Strongly disagree	Don't know	Total
Baseline	Galgadud	76 (22.1%)	194 (56.4%)	58 (16.9%)	11 (3.2%)	3 (0.9%)	2 (0.6%)	344 (100.0%)
	Hiran	69 (22.3%)	218 (70.6%)	19 (6.1%)	2 (0.6%)	1 (0.3%)	0 (0.0%)	309 (100.0%)
	Mudug	165 (41.7%)	187 (47.2%)	32 (8.1%)	9 (2.3%)	3 (0.8%)	0 (0.0%)	396 (100.0%)
	<b>Total</b>	<b>310 (29.6%)</b>	<b>599 (57.1%)</b>	<b>109 (10.4%)</b>	<b>22 (2.1%)</b>	<b>7 (0.7%)</b>	<b>2 (0.2%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	107 (55.7%)	75 (39.1%)	5 (2.6%)	3 (1.6%)	1 (0.5%)	1 (0.5%)	192 (100.0%)
	Hiran	68 (34.9%)	117 (60.0%)	8 (4.1%)	1 (0.5%)	1 (0.5%)	0 (0.0%)	195 (100.0%)
	Mudug	78 (40.4%)	86 (44.6%)	13 (6.7%)	14 (7.3%)	2 (1.0%)	0 (0.0%)	193 (100.0%)
	<b>Total</b>	<b>253 (43.6%)</b>	<b>278 (47.9%)</b>	<b>26 (4.5%)</b>	<b>18 (3.1%)</b>	<b>4 (0.7%)</b>	<b>1 (0.2%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	141 (74.6%)	44 (23.3%)	3 (1.6%)	0 (0.0%)	0 (0.0%)	1 (0.5%)	189 (100.0%)
	Hiran	76 (44.4%)	53 (31.0%)	34 (19.9%)	5 (2.9%)	3 (1.8%)	0 (0.0%)	171 (100.0%)
	Mudug	71 (37.8%)	92 (48.9%)	20 (10.6%)	5 (2.7%)	0 (0.0%)	0 (0.0%)	188 (100.0%)
	<b>Total</b>	<b>288 (52.6%)</b>	<b>189 (34.5%)</b>	<b>57 (10.4%)</b>	<b>10 (1.8%)</b>	<b>3 (0.5%)</b>	<b>1 (0.2%)</b>	<b>548 (100.0%)</b>

**Table 48: In my village there is no social discrimination against some groups/residents**

Survey	Region	Strongly agree	Agree	Neutral (neither agree nor disagree)	Disagree	Strongly disagree	Don't know	Total
Baseline	Galgadud	124 (36.0%)	178 (51.7%)	33 (9.6%)	5 (1.5%)	2 (0.6%)	2 (0.6%)	344 (100.0%)
	Hiran	87 (28.2%)	181 (58.6%)	13 (4.2%)	26 (8.4%)	2 (0.6%)	0 (0.0%)	309 (100.0%)
	Mudug	109 (27.5%)	174 (43.9%)	36 (9.1%)	44 (11.1%)	17 (4.3%)	16 (4.0%)	396 (100.0%)
	<b>Total</b>	<b>320 (30.5%)</b>	<b>533 (50.8%)</b>	<b>82 (7.8%)</b>	<b>75 (7.1%)</b>	<b>21 (2.0%)</b>	<b>18 (1.7%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	107 (55.7%)	41 (21.4%)	28 (14.6%)	9 (4.7%)	5 (2.6%)	2 (1.0%)	192 (100.0%)

	Hiran	52 (26.7%)	122 (62.6%)	8 ( 4.1%)	7 ( 3.6%)	6 (3.1%)	0 (0.0%)	195 (100.0%)
	Mudug	72 (37.3%)	68 (35.2%)	14 ( 7.3%)	31 (16.1%)	6 (3.1%)	2 (1.0%)	193 (100.0%)
	<b>Total</b>	<b>231 (39.8%)</b>	<b>231 (39.8%)</b>	<b>50 ( 8.6%)</b>	<b>47 ( 8.1%)</b>	<b>17 (2.9%)</b>	<b>4 (0.7%)</b>	<b>580 (100.0%)</b>
Endline	Galgadud	122 (64.6%)	54 (28.6%)	10 ( 5.3%)	1 (0.5%)	1 (0.5%)	1 (0.5%)	189 (100.0%)
	Hiran	81 (47.4%)	30 (17.5%)	32 (18.7%)	9 (5.3%)	13 (7.6%)	6 (3.5%)	171 (100.0%)
	Mudug	53 (28.2%)	100 (53.2%)	27 (14.4%)	7 (3.7%)	1 (0.5%)	0 (0.0%)	188 (100.0%)
	<b>Total</b>	<b>256 (46.7%)</b>	<b>184 (33.6%)</b>	<b>69 (12.6%)</b>	<b>17 (3.1%)</b>	<b>15 (2.7%)</b>	<b>7 (1.3%)</b>	<b>548 (100.0%)</b>

**Table 49: Residence status**

Survey	Region	Internally displaced household	All household members migrate	Permanently resident in this location	Refugee household	Household of returnees (were IDP before, displaced inside Somalia)	Some household members permanently resident in this location while other members regularly migrate	Returned Refugees	Total
Baseline	Galgadud	29 ( 8.4%)	2 (0.6%)	309 (89.8%)	1 (0.3%)	0 (0.0%)	3 (0.9%)	0 (0.0%)	344 (100.0%)
	Hiran	6 ( 1.9%)	2 (0.6%)	286 (92.6%)	13 (4.2%)	0 (0.0%)	1 (0.3%)	1 (0.3%)	309 (100.0%)
	Mudug	72 (18.2%)	16 (4.0%)	280 (70.7%)	11 (2.8%)	3 (0.8%)	14 (3.5%)	0 (0.0%)	396 (100.0%)
	<b>Total</b>	<b>107 (10.2%)</b>	<b>20 (1.9%)</b>	<b>875 (83.4%)</b>	<b>25 (2.4%)</b>	<b>3 (0.3%)</b>	<b>18 (1.7%)</b>	<b>1 (0.1%)</b>	<b>1049 (100.0%)</b>
Midline	Galgadud	5 ( 2.6%)	3 (1.6%)	155 (80.7%)	6 (3.1%)	13 (6.8%)	10 (5.2%)		192 (100.0%)
	Hiran	30 (15.4%)	0 (0.0%)	164 (84.1%)	1 (0.5%)	0 (0.0%)	0 (0.0%)		195 (100.0%)
	Mudug	58 (30.1%)	1 (0.5%)	125 (64.8%)	2 (1.0%)	1 (0.5%)	6 (3.1%)		193 (100.0%)
	<b>Total</b>	<b>93 (16.0%)</b>	<b>4 (0.7%)</b>	<b>444 (76.6%)</b>	<b>9 (1.6%)</b>	<b>14 (2.4%)</b>	<b>16 (2.8%)</b>		<b>580 (100.0%)</b>
Endline	Galgadud	3 ( 1.6%)	3 (1.6%)	180 (95.2%)	3 (1.6%)	0 (0.0%)	0 (0.0%)		189 (100.0%)
	Hiran	9 ( 5.3%)	1 (0.6%)	145 (84.8%)	15 (8.8%)	0 (0.0%)	1 (0.6%)		171 (100.0%)
	Mudug	53 (28.2%)	0 (0.0%)	131 (69.7%)	0 (0.0%)	4 (2.1%)	0 (0.0%)		188 (100.0%)
	<b>Total</b>	<b>65 (11.9%)</b>	<b>4 (0.7%)</b>	<b>456 (83.2%)</b>	<b>18 (3.3%)</b>	<b>4 (0.7%)</b>	<b>1 (0.2%)</b>		<b>548 (100.0%)</b>

**Table 50: Household Asset Score**

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	15.6	15.7	0	10.0	94.0	344
	Hiran	30.4	27.3	0	22.5	158.5	309

	Mudug	22.3	18.6	0	18.0	140.5	396
		<b>22.8</b>					<b>1049</b>
Midline	Galgadud	24.1	13.2	2	22.8	72.0	192
	Hiran	30.9	26.5	2	22.5	197.0	195
	Mudug	18.6	15.3	0	15.0	98.0	193
		<b>24.5</b>					<b>580</b>
Endline	Galgadud	34.0	17.3	4	33.0	90.0	189
	Hiran	24.9	17.0	2	22.0	101.5	171
	Mudug	23.4	18.6	0	18.0	98.5	188
		<b>27.5</b>					<b>548</b>

**Table 51: Reduced coping strategy Index**

Survey	Region	Mean	Standard deviation	Minimum	Median	Maximum	N
Baseline	Galgadud	14.8	9.7	0	12	50	344
	Hiran	14.1	9.1	0	11	45	309
	Mudug	21.6	10.7	0	21	56	396
		<b>16.8</b>					<b>1049</b>
Midline	Galgadud	9.0	4.8	0	8	23	192
	Hiran	9.7	5.2	0	9	35	195
	Mudug	18.3	12.3	0	16	54	193
		<b>12.4</b>					<b>580</b>
Endline	Galgadud	9.7	5.8	0	9	32	189
	Hiran	9.7	7.1	0	7	41	171
	Mudug	11.0	9.3	0	9	42	188
		<b>10.1</b>					<b>548</b>

## BRCiS – DEVCO Core Indicators: How They are Calculated

### 1. HH FOOD CONSUMPTION SCORE (HFCS)

GROUP	TYPE OF FOOD	VALUE	MULTIPLY BY	HFCS
1	Cereals and cereal products - #days eaten in the last 7 days	0 to 7	2	=SUM OF ALL FINAL VALUES
	White roots and tubers - #days eaten in the last 7 days			
2	Milk and milk products - #days eaten in the last 7 days	0 to 7	4	
3	Vitamin A rich vegetables and tubers - #days eaten in the last 7 days	0 to 7	1	
	Dark green leafy vegetables - #days eaten in the last 7 days			
	Other vegetables - #days eaten in the last 7 days			
4	Vitamin A rich fruits - #days eaten in the last 7 days	0 to 7	1	
5	Other fruit - #days eaten in the last 7 days			
6	Meat and Poultry - #days eaten in the last 7 days	0 to 7	4	
	Organ meat - #days eaten in the last 7 days			
	Eggs - #days eaten in the last 7 days			
	Fish - #days eaten in the last 7 days			
7	Legumes, nuts and seeds - #days eaten in the last 7 days	0 to 7	3	
8	Oils and Fats - #days eaten in the last 7 days	0 to 7	0.5	
9	Sweets - #days eaten in the last 7 days	0 to 7	0.5	
10	Coffee, tea and Spices - #days eaten in the last 7 days	0 to 7	0	

### HFCS Benchmarks for Somalia

Score Range	Profiles
> 35	Acceptable
21.5 – 35	Borderline
0 – 21	High / Sev

### 2. HH DIETARY DIVERSITY SCORE (HDDS)

TYPE OF FOOD	VALUE	HSDDS
Cereals and cereal products eaten in last 24 hrs	0 or 1	



Milk and milk products eaten in last 24 hrs	0 or 1	=SUM OF ALL VALUES
Vitamin A rich vegetables and tubers eaten in last 24 hrs	0 or 1	
Dark green leafy vegetables eaten in last 24 hrs	0 or 1	
Other vegetables eaten in last 24 hrs	0 or 1	
Vitamin A rich fruits eaten in last 24 hrs	0 or 1	
Other fruit eaten in last 24 hrs	0 or 1	
Meat and Poultry eaten in last 24 hrs	0 or 1	
Organ meat eaten in last 24 hrs	0 or 1	
Eggs eaten in last 24 hrs	0 or 1	
Fish eaten in last 24 hrs	0 or 1	
Legumes, nuts and seeds eaten in last 24 hrs	0 or 1	
White roots and tubers eaten in last 24 hrs	0 or 1	
Oils and Fats eaten in last 24 hrs	0 or 1	
Sweets eaten in last 24 hrs	0 or 1	
Coffee, tea and Spices eaten in last 24 hrs	0 or 1	

### 3. [REDUCED] COPING STRATEGY INDEX (CSI-R)

QUESTIONS. On how many days, in the past 7 days, you had to...	VALUE	MULTIPLY BY	CSI-R
Consume to less preferred (low quality, less expensive) foods?	0 to 7	1	=SUM OF ALL VALUES
Reduce the portion size/quantity consumed at meal times (Beekhaamis)?	0 to 7	1	
Reduce number of meals per day?	0 to 7	1	
Borrow food on credit from another household (Amaah)?	0 to 7	2	
Restrict consumption of adults in order for small children to eat?	0 to 7	3	

### CSI-r Benchmarks for Somalia

Score Range	Profiles
< 16	Low
16 – 35.5	Moderate
> 35.5	High / Severe

### 4. HH ASSET SCORE (HAS)

QUESTIONS / TYPE OF ASSET	MULTIPLY BY	HAS
How many wooden wheelbarrows are available?	2	=SUM OF ALL FINAL VALUES
How many donkey carts are available?	3	
How many bicycles are available?	1	
How many motorbikes are available?	3	
How many automobiles are available?	5	
How many houses with a hard roofs are available?	8	
How many traditional houses available?	3	

How many plastic sheeted buuls are available?	3
How many corrugated iron sheet house are available?	2
How many mobile phones are available?	2
How many radios are available?	1
How many television set are available?	1
How many generators are available?	3
How many solar panels are available?	3
How many water pumps are available?	3
How grams of gold/silver jewelry is available?	2
How many cattle are available?	3
How many sheep are available?	1.5
How many goats are available?	1.5
How many camel are available?	3
How many poultry are available?	1
How many donkeys are available?	3
How many horses available?	3
How many fruit trees (including date palm) available?	1
How many granaries are available?	2
How many kiosks (small shop) are available?	4
How many seeds for agriculture are available? (Kgs)	1
How many ploughs are available?	2
How many fish ponds are available?	5
How many Boats / pirogues are available?	3

## 5. COMMUNITY CAPACITY TO RESIST AND REACT TO SHOCKS (CCRRS)

How do you agree with the following statement: My village/xaafad is able to resist and successfully react to shocks like drought, floods, diseases or conflict?	VALUE	CCRRS
STRONGLY AGREE	1	SUM OF ALL VALUES DIVIDED BY THE NUMBER OF RESPONDENTS
AGREE	0.75	
NEUTRAL	0.5	
DISAGREE	0.25	
STRONGLY DISAGREE	0	