



Information for Better Livelihoods



Gedo Region



Presentation

Deyr 2011/12 Analysis

26th January 2012

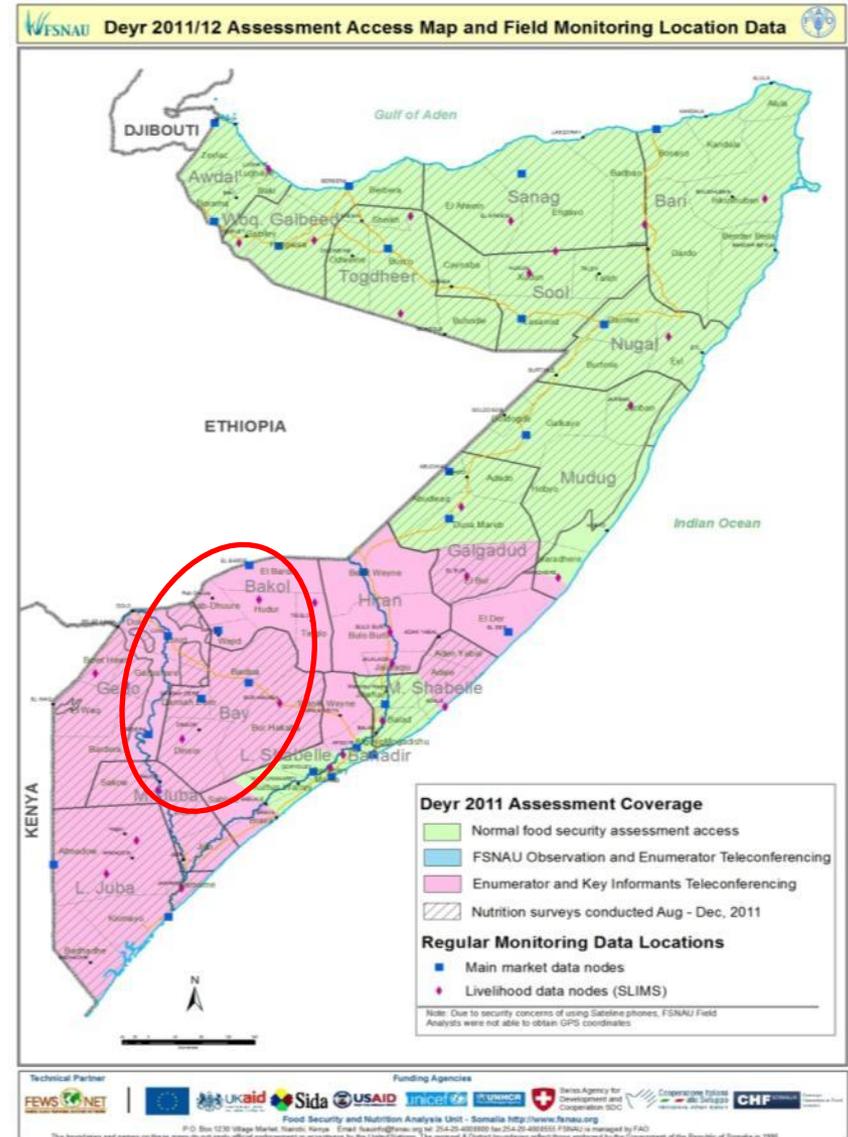
Technical
Partner



Donors

Field Access and Field Data Locations

- Due to general insecurity in the region and the recent ban imposed on key humanitarian agencies by the insurgents, direct field access was not possible.
- Food security data was collected through teleconferencing with FSNAU enumerators and key informants.



Livelihood Groups & Main Sources of Food and Income

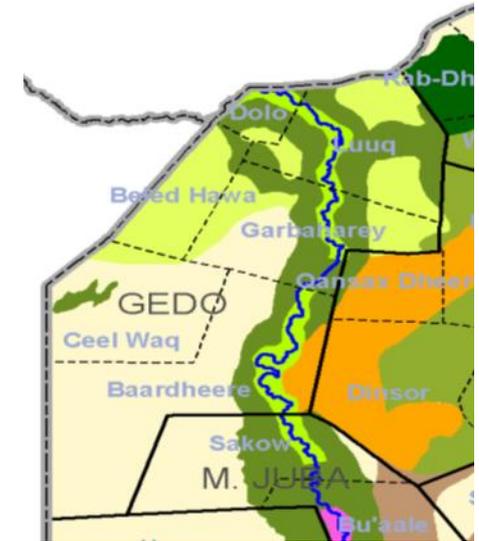
2 Pastoral Livelihoods (Southern Inland and Dawo Pastoralists)

- Primary sources of income of poor: sale of livestock & livestock products
- Primary sources of food of poor: purchase and own production
- Primary livelihood assets of poor: camel, cattle and sheep/goat

2 Agropastoral Livelihoods (Southern agropastoral and Gedo-Bay agropastoral high potential)

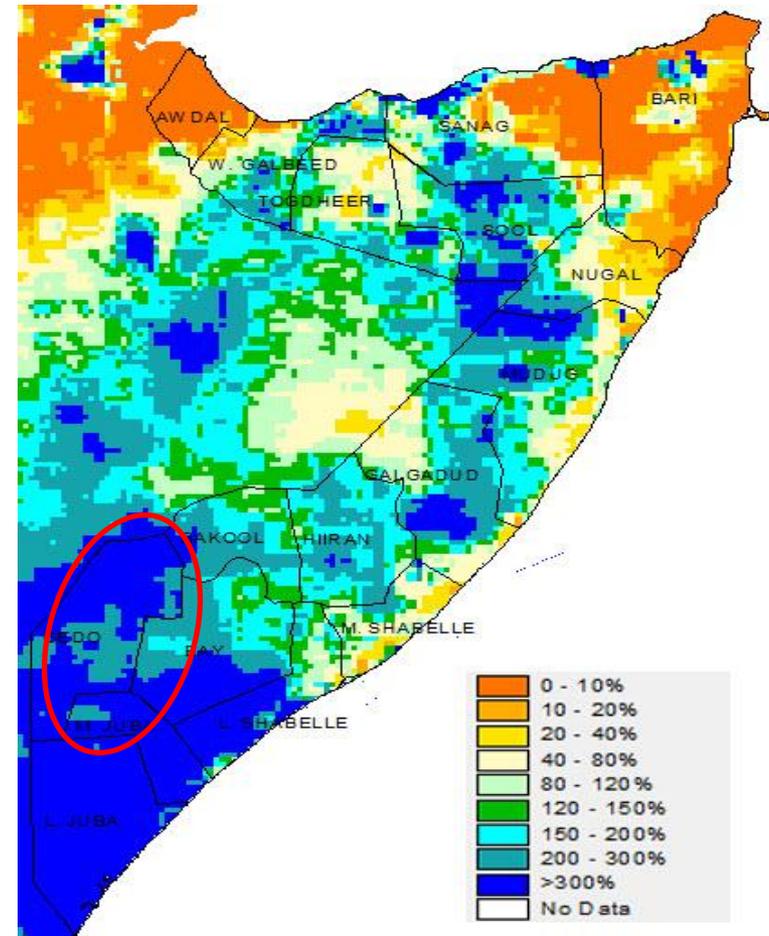
- Southern agro-pastoral are more pastoral than agriculturalists. Main sources of income: sale of livestock & livestock products, self-employment (fodder and bush products sales); main sources of food: purchase and own production
- Gedo-Bay agropastoral are more agriculturalists than pastoralists. Main sources of income: sale of crops, livestock products and labour; main sources of food: own crop production and purchases.

Riverine Livelihood (Juba riverine pump irrigation) are agriculturalists. Main sources of income: sale of crops and labour; main sources of food: purchase and own crop production.



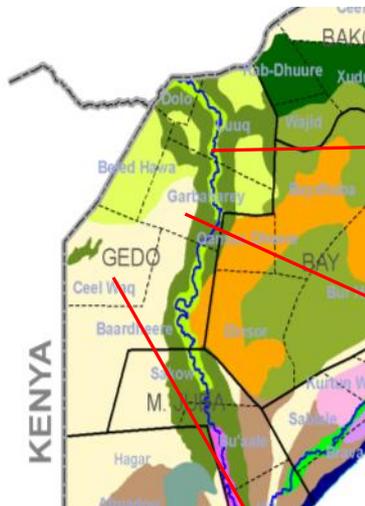
- Start of Season: started on time, good rains received in last two *dekads* of October 2011 and first two *dekads* of November 2011.
- Temporal and Spatial Distribution: good intensity, duration and frequencies of rainfall in the entire region.
- Rainfall amount:
 - Average rains received in most of Bardera, and Garbaharey (Buurduubo and Dhubaa villages) districts; Good rains fell in Gedo High Potential LZ.
 - In most parts of Gedo rains were over 300% of normal, while localized areas received 200-300% of normal.
 - In the first dekad of November 2011 excessive rains caused flash flooding in pockets of Elwaq and Ceelcade of Garbaharey districts.

Deyr 2011 RFE percent from normal (Long-term mean)



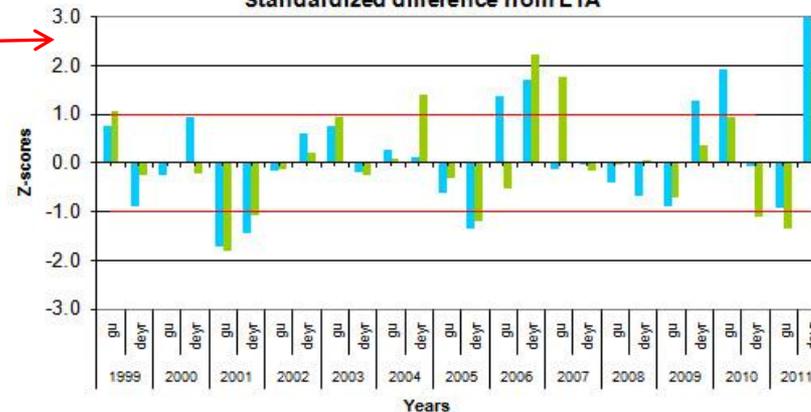
Source: NOAA

NDVI LTM Trend Analysis by district/ land cover



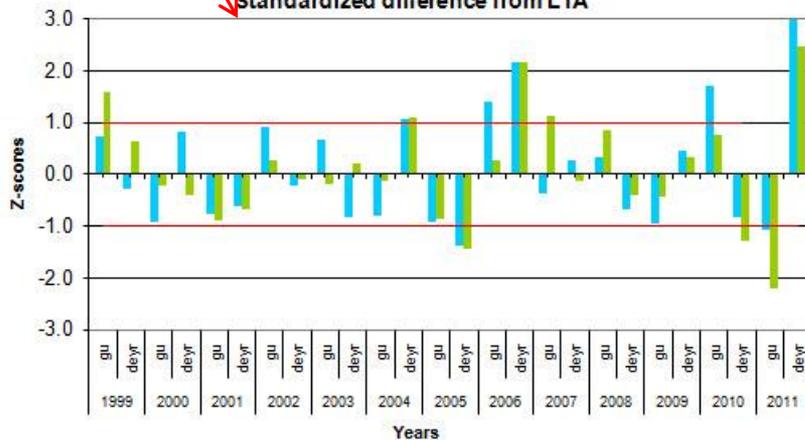
Luuq Pastoral

Standardized difference from LTA



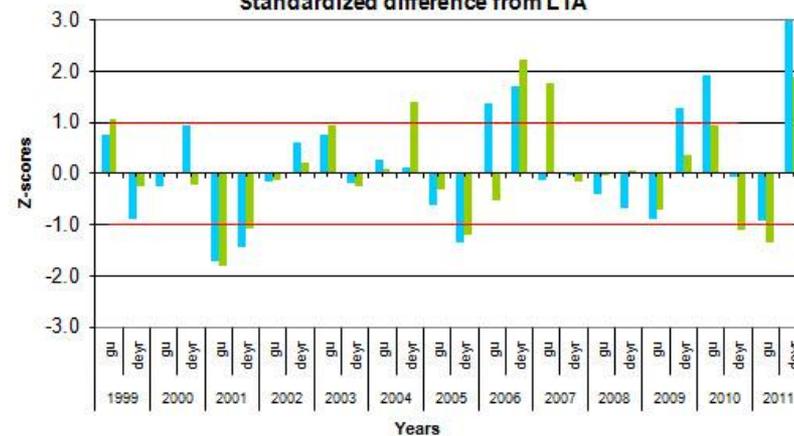
Elwak Pastoral

Standardized difference from LTA



Garbaharey Agropastoral

Standardized difference from LTA

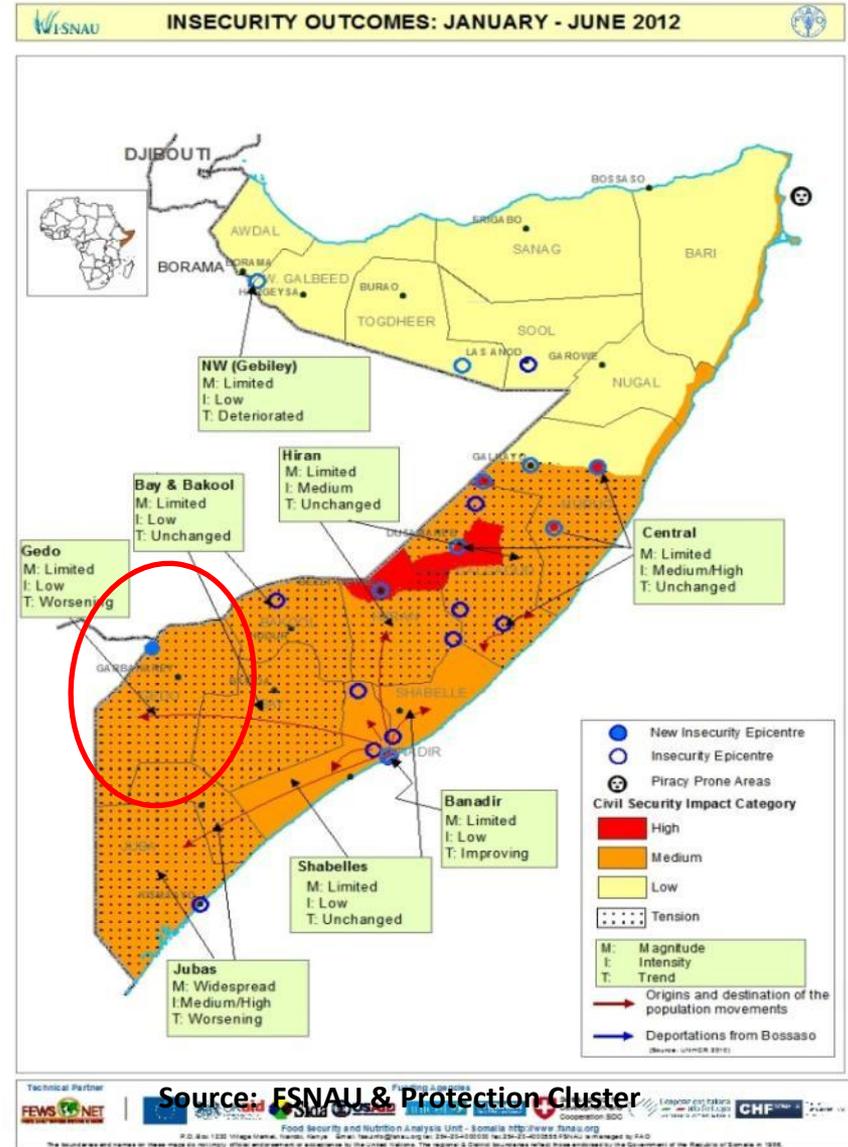


➤ Civil Security Situation:

- Incidences of air bombardments
- Militias are extending frontline with new bases in confrontation areas

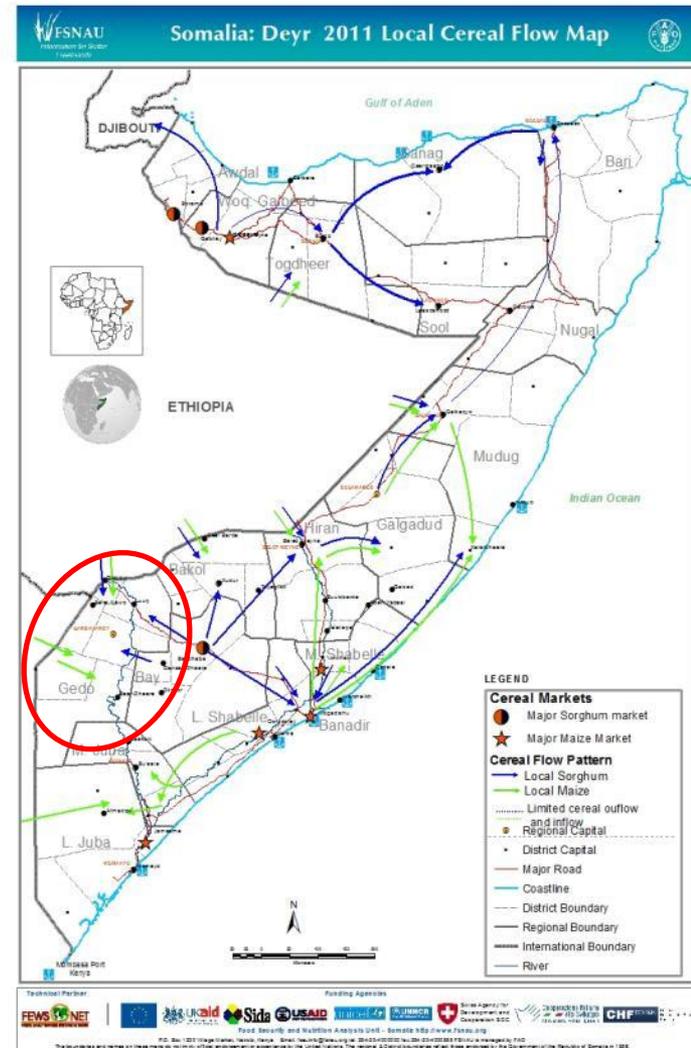
➤ Direct and Indirect Impacts on Food Security & Nutrition:

- Human casualties
- Increased population displacement to safer places within region.
- Imposed restrictions on trade movement particularly in Belethawa, Ceelwaq and Garbaharey towns.



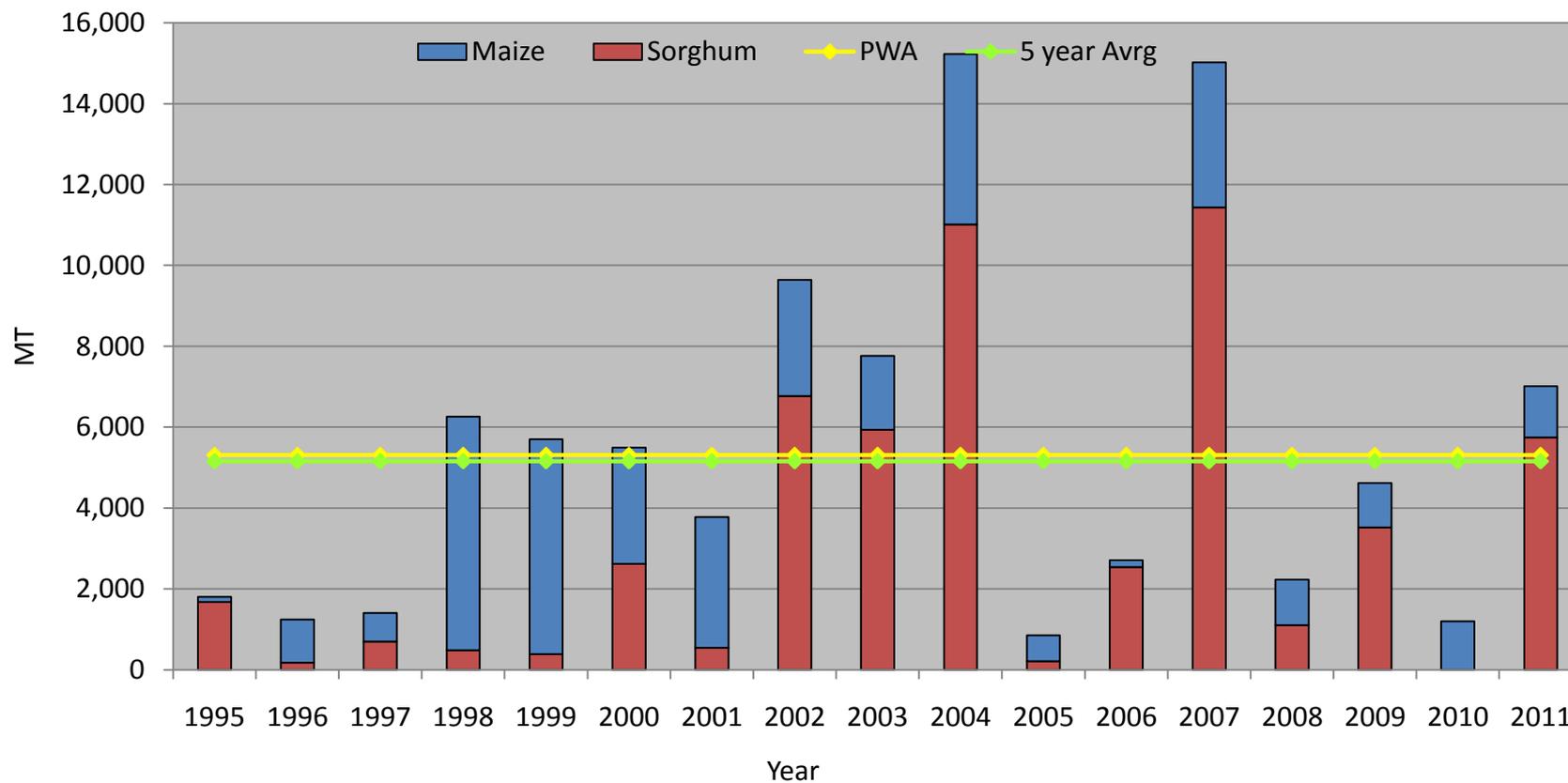
Deyr '11/12 Local Cereal Flow Map

- Bay region supplies sorghum to Gedo.
- Some supplies of maize and sorghum through cross-border trade from Ethiopia to Gedo
- Major supply of imported commodities come from Mogadishu



Districts	Deyr 2011/12 Production in MT		Total Cereal	Deyr 2011/12 as % of Deyr PWA (1995-2010)	Deyr 2011/12 as % of 5 year average (2006-2010)
	Maize	Sorghum			
Baardheere	380	4,456	4,836	111%	100%
Belet Xaawo	140	212	352	251%	1828%
Ceel Waaq	0	0	0	0%	0%
Dolow	168	184	352	244%	785%
Garbahaarey/ Buur Dhuubo	329	311	640	264%	519%
Luuq	254	578	832	198%	659%
Gedo Deyr 2011 Total	1,271	5,741	7,012	132%	136%

Deyr Cereal Production Trends (1995-2011)



Districts	Livelihood Zone	Cowpea	Sesame	Onion
		Production (MT)	Production (MT)	Production (MT)
Bardere	Agro-pastoral	4	15	0
	Riverine	0	0	180
Garbaharey	Agro-pastoral	2	0	0
	Riverine	4	0	96
Luuq	Agro-pastoral	5	8	0
	Riverine	4	0	120
Beled haawo	Agro-pastoral	1	0	0
	Riverine	0	0	0
Dolow	Agro-pastoral	3	0	0
	Riverine	2	0	60
Total Livelihood	Agro-pastoral	15	23	0
	Riverine	10	0	456
Total Region		25	23	456



Good Sorghum Crop. Dabadheer,
Bardera, Gedo Dec. 2011



Good Maize Rainfed Crop. Khadijo Haji,
Belethawa, Gedo, Dec. 2011.



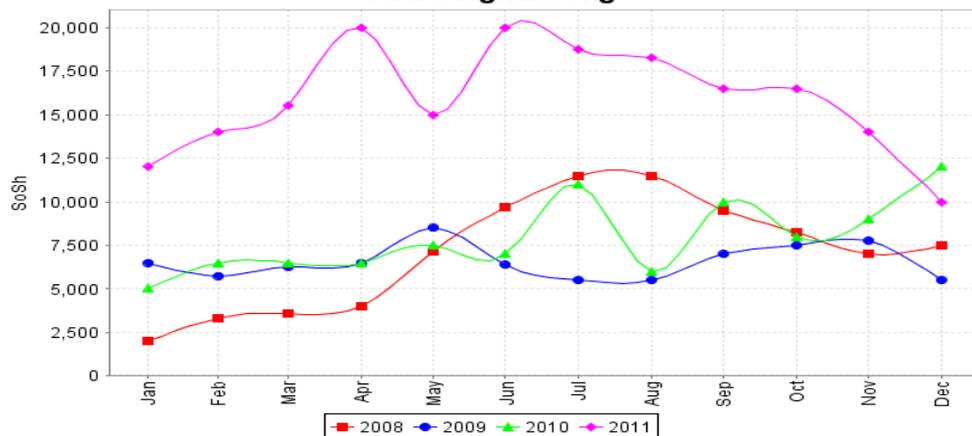
Good Lemon Crop. Buulomusley, Luuq,
Gedo, Dec. 2011



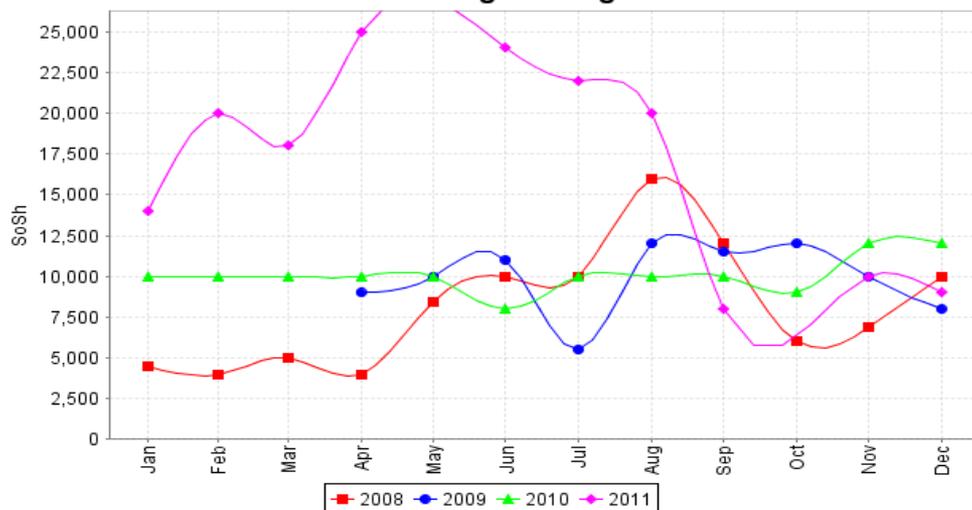
Good access to labour from humanitarian
assistance. Luuq, Gedo; Dec. 2011

Regional Trends in Cereal Prices

Red Sorghum 1kg



Red Sorghum 1kg



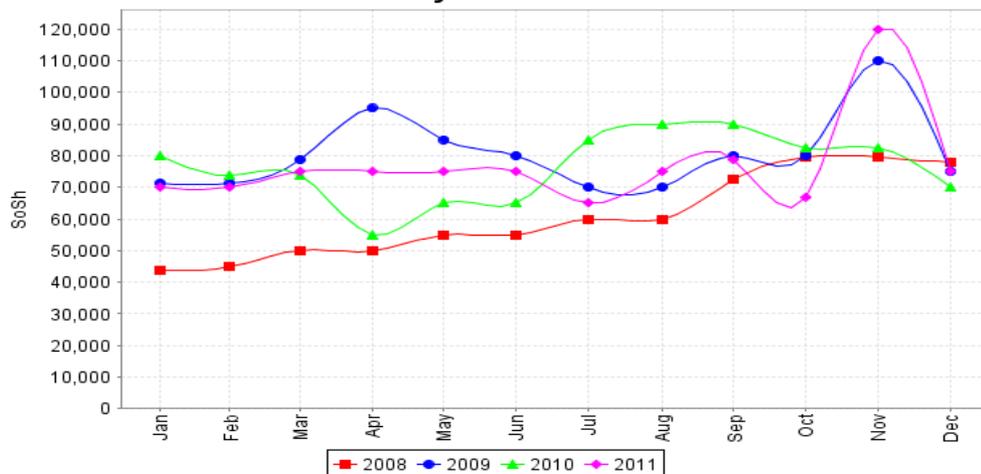
Regional Trend in Sorghum Prices: S. Gedo - Bardhere

Factors Influencing Cereal Prices

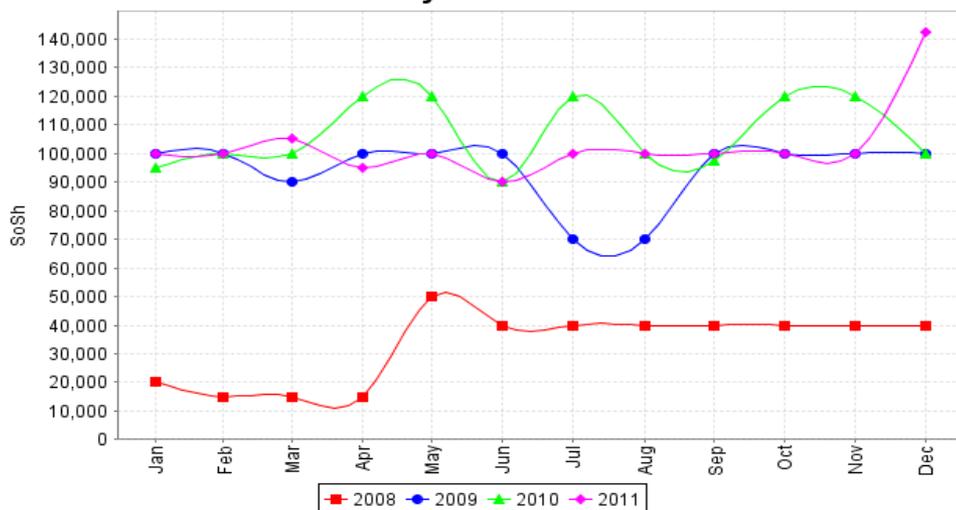
- Significant food distribution by humanitarian agencies in the region
- Good sorghum production in agro-pastoral livelihood of the region.

Regional Trend in Sorghum Prices: N. Gedo - Luuq

Daily Labor Rate



Daily Labor Rate



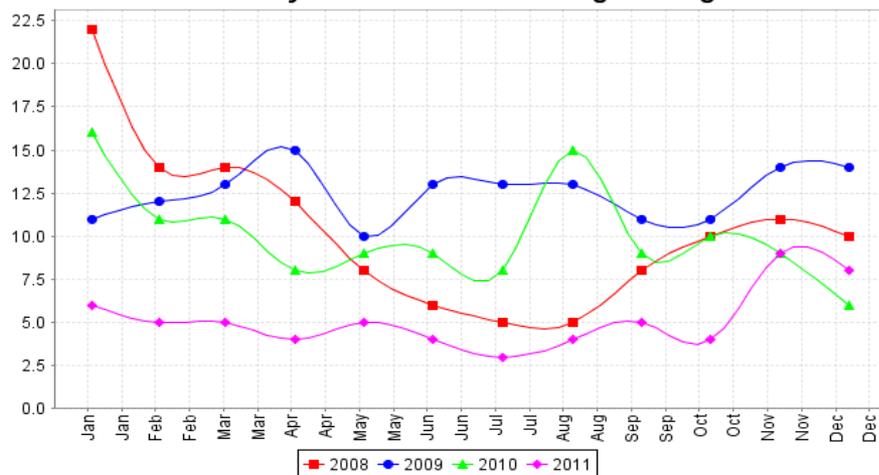
Regional Trend in Daily Labour rate (Bardhera)

Factors Influencing Wage Labour:

- Labour opportunities reduced in Bardhera due to decline in farming activities in the riverine following the river flooding and flash floods
- Improved labour opportunities related to activities by the humanitarian agencies (CFW, etc.) and farming activities in agropastoral areas due to good seasonal performance in the region

Regional Trend in Daily Labour rate (Luuq)

TOT Daily Labor Rate To Red Sorghum 1kg

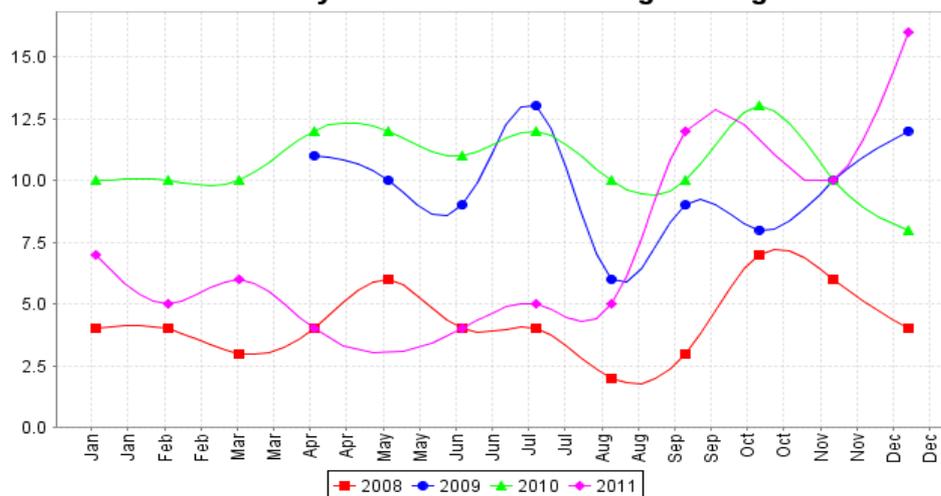


Regional trend in daily labour rate/sorghum: Bardhere
(increased from 6kg in Dec '10 to 8kg in Dec '11)

Factors Influencing TOT Labour/Cereal:

- Reduced cereal prices.
- Increased daily labour wage rates due to high labour demand.

TOT Daily Labor Rate To Red Sorghum 1kg



Regional trend in daily labour rate/sorghum: Luuq
(increased from 8kg in Dec '10 to 16kg in Dec '11)

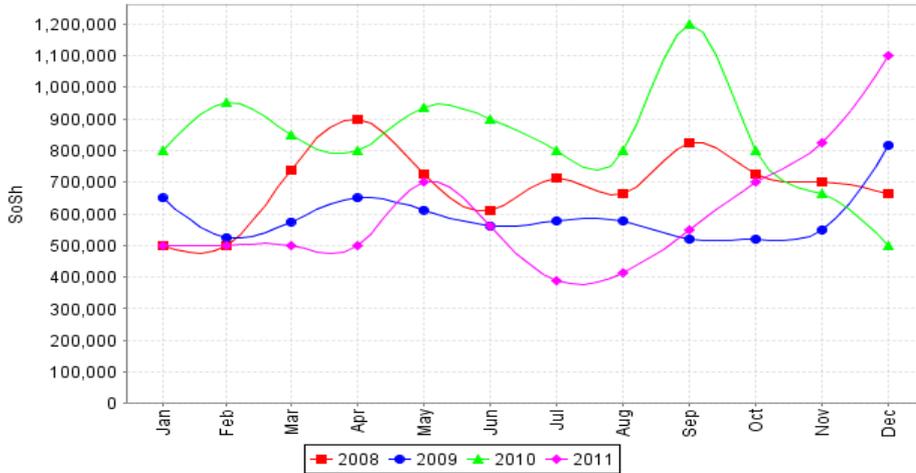
Trends in Livestock Holdings and Milk Production

Conception <i>(Deyr '11)</i>	Calving/kidding <i>(Deyr '11)</i>	Milk production <i>(Deyr '11)</i>	Expected calving/ kidding Jan – Jun '12	Trends in Herd Size (June 2012)	
				Livelihoods	Livestock Species
High for all species	Camel: Low Cattle: Low Shoats: Low	Cattle/Shoats: Low Camel: Average to Low	Camel: Low Cattle: Low Shoats: High	Southern Inland Pastoral	Camel: Same (Near Baseline) Cattle: Slightly increased (Below Baseline) Sheep/goats: Slightly increased (Below Baseline)
				Southern Agro-pastoral	Camel: Same (Near Baseline) Cattle: Slightly increased (Below Baseline) Sheep/goats: Slightly increased (Below Baseline)
				Dawa Pastoral	Camel: Same (Near Baseline) Cattle: Slightly increased (Below Baseline) Sheep/goats: Slightly increased (Below Baseline)

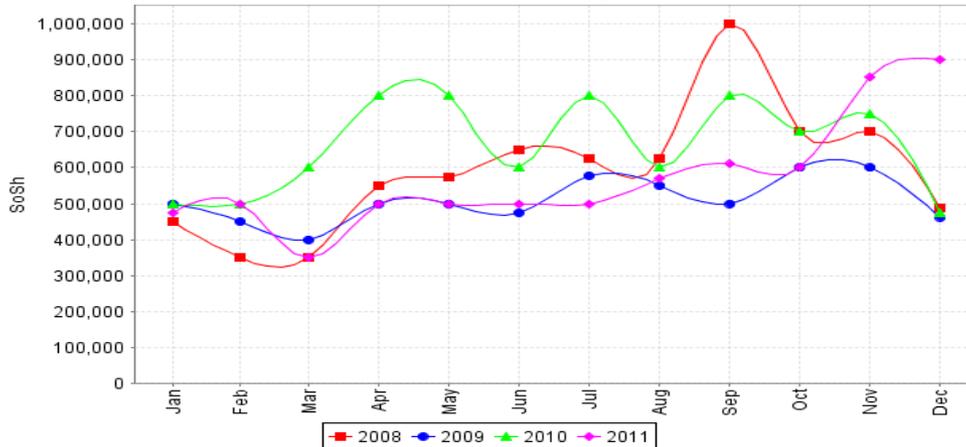
Markets

Livestock Prices

Goat Local Quality



Goat Local Quality



Regional Trends in Local Quality Goat Prices (Bardhere)

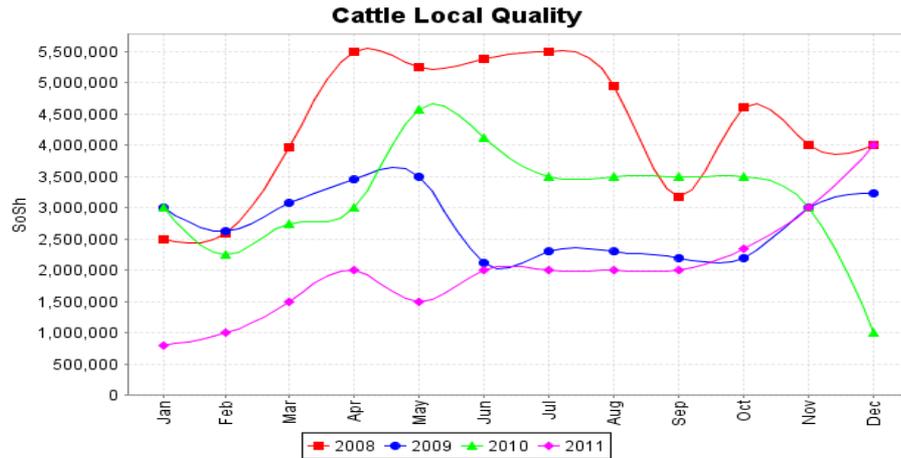
Factors influencing local quality goats prices:

- Good livestock body condition due to good *Deyr* '11/12 performance.
- High livestock demand (for example *Hajj* period)

Regional Trends in Local Quality Goat Prices (Luuq)

Markets

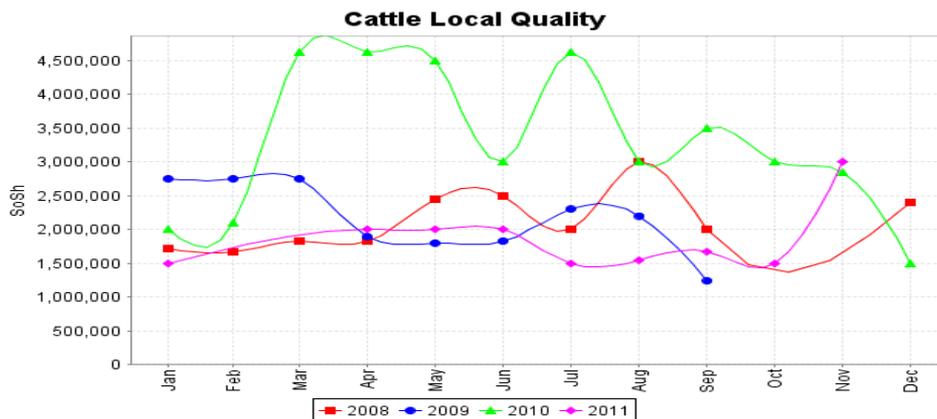
Livestock Prices



Regional Trends in Local Quality Cattle Prices: Bardhere
(300% and 100% higher than Dec. '10 and since Jul '11, respectively)

Factors Influencing Cattle Prices:

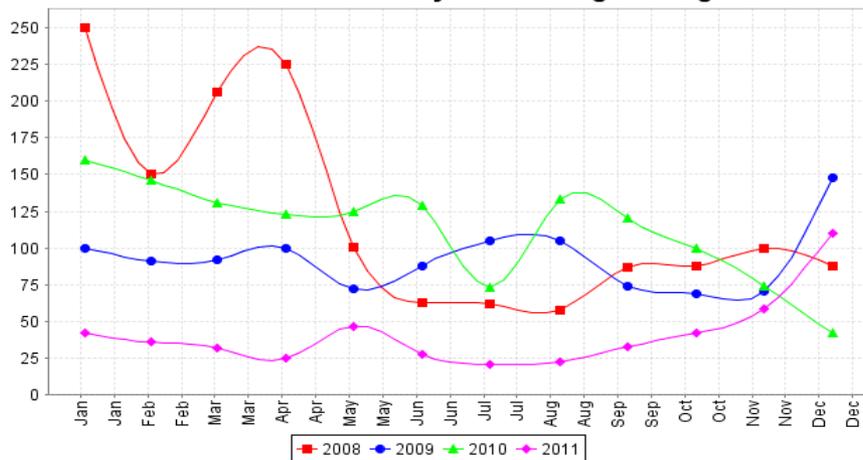
- Good livestock body condition due to Good Deyr '11/12 performance.
- Improved access to Garissa market for cattle sales



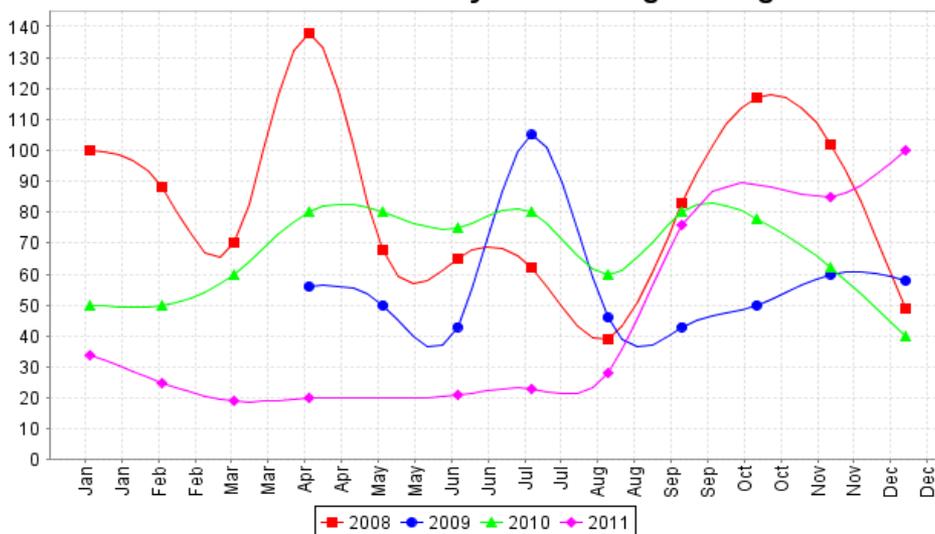
Regional Trends in Local Quality Cattle Prices: Luuq
(5% than Dec. '10 and 50% than Jul '11)

Regional Trends in Terms of Trade

TOT Goat Local Quality To Red Sorghum 1kg



TOT Goat Local Quality To Red Sorghum 1kg



Regional Trends in Terms of Trade between local goat/red sorghum : Bardhere (110kg of sorghum/head)

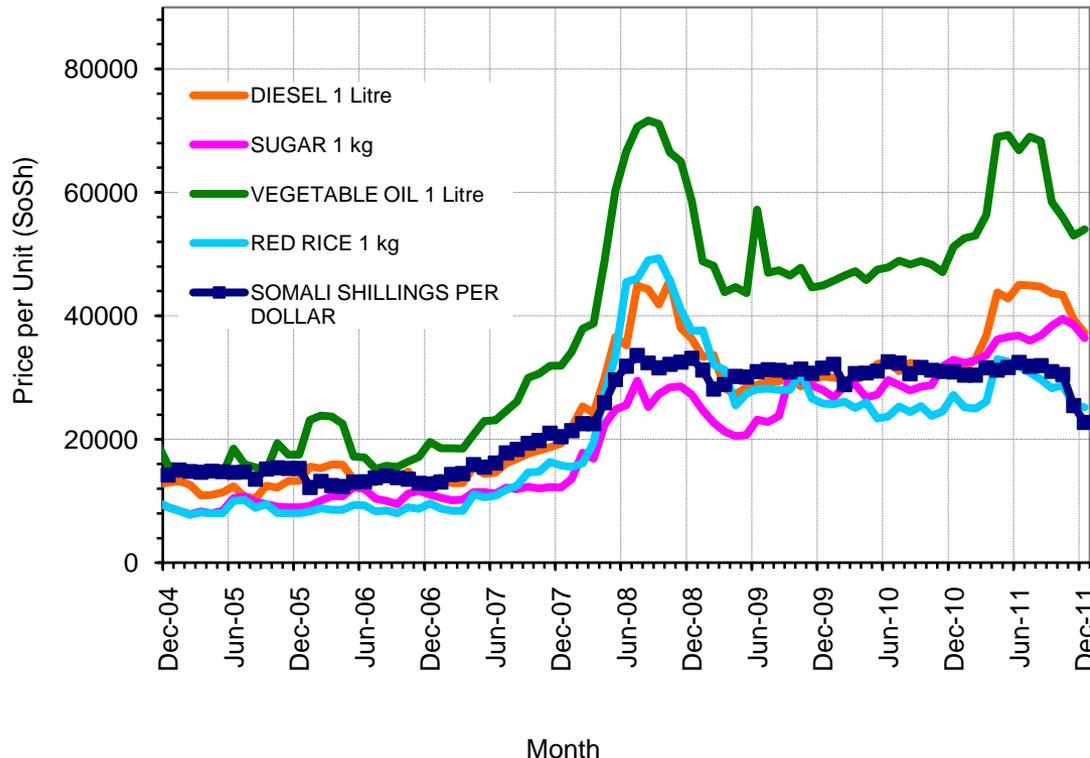
Factors Influencing Terms of Trade:

- Increased livestock prices due to improved livestock body condition.
- Decreased local cereal prices

Regional Trends in Terms of Trade between local goat/red sorghum: Luuq (100kg of sorghum/head)

Trends in Imported Commodity Prices

Gedo: Imported Commodity Prices compared to Exchange Rate



Prices remained relatively stable or declined for most of the import commodities (last six months trend)

Factors Influencing Commercial Import Prices:

- Increased food relief distribution (rice, sugar, and vegetable oil).
- Cash gifts to the target communities and increase USD supply on the market.

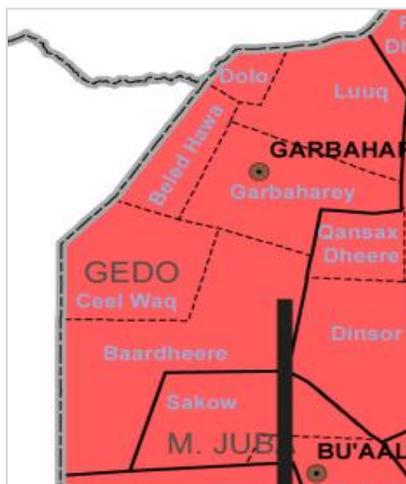
Nutrition

Summary of Nutrition Findings

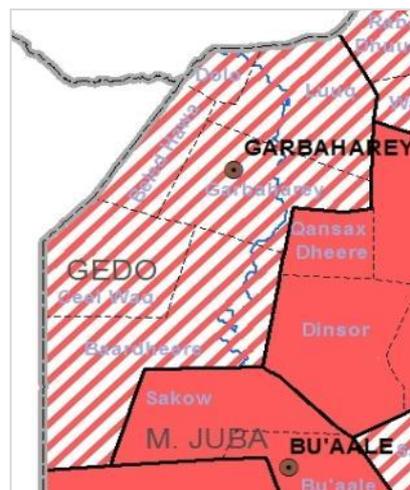
Region	Nutrition Surveys (August – Dec11)	Rapid MUAC Screening (% <12.5cm)	Health Information System Info	TFC/OTP/ SFC	Other relevant information – Key driving factors	Summary of analysis and change from Gu 2011
Gedo	<p><u>Gedo Pastoral</u> GAM =32.9 (27.9-38.3) SAM = 17.7(14.4-21.6). (FSNAU & partners, Dec11 R=1)</p> <p><u>Gedo Riverine</u> GAM = NA SAM =NA</p> <p><u>Gedo Agro-pastoral</u> GAM = NA SAM = NA</p>	N/A	High (>30%) and Increasing number of acutely malnourished children reported in facilities in pastoral and agro-pastoral and riverine livelihoods (Source: TROCARE, AMA, SRCS , HIRDA HIS Data , Aug-Dec'11 R=3)	OTP admission show with high (400 monthly) and increasing number of severely malnourished children admitted in OTP in the riverine facilities (TROCARE, HIRDA, AMA- , Aug-Dec'11 R=3)	<p>Aggravating factors -Poor child feeding practice and health seeking behaviors -Poor access to safe water, health and sanitation facilities in rural livelihoods -Reduced humanitarian programmes.</p> <p>Mitigating factors -Improved milk access in -Increased cereal access - Strong social support</p>	<p><u>Gedo Pastoral</u> <i>Likely Very Critical-</i> No change from <i>Very Critical</i> phase in <i>Gu'11</i></p> <p><u>Gedo Riverine:</u> <i>Likely Very Critical-</i> No change from <i>Very Critical</i> phase in <i>Gu'11</i></p> <p><u>Gedo Agro-pastoral</u> <i>Likely Very Critical-</i> No change from <i>Very Critical</i> phase in <i>Gu'11</i></p>

Nutrition Situation Estimates

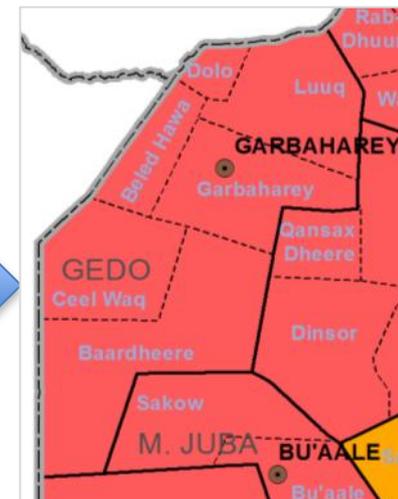
Nutrition Situation Estimates,
August 2011



Nutrition Situation Estimates
January 2012



Nutrition Situation Estimates
February-June 2012



The nutrition situation remains **Very Critical** with slight improvements since the Gu 2011.

Aggravating Factors

- High morbidity; Poor sanitation and lack of safe water in addition to sub-optimal infant feeding practices
- Low humanitarian interventions (health, nutrition, wash and food) due to restricted access in some areas
- Low immunization and supplementation coverage
- Insecurity/ tension limiting access to food and non-food items

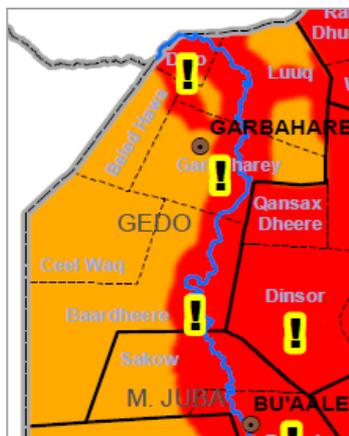
Mitigating Factors

- Social support; Reducing cereal prices
- Good *Deyr* season-Improved access to income opportunities for poor households e.g agricultural labour;
- Increased access to milk and livestock products, both for consumption and for income

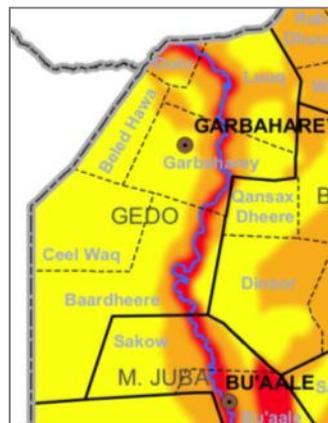
Nutrition outlook, February-June 2012

A sustained **Very Critical** Nutrition Phase anticipated based on seasonal trends of nutrition situation, food security and disease outbreaks (measles, whooping cough, malaria). Access to humanitarian assistance including health and nutrition services to mitigate the situation is limited.

**Map 1: Food Security Situation,
Nov. - Dec. 2011**



**Map 2: Current Food Security
Situation, 3 Feb. 2012**



Current situation: Significant improvement of food security situation in most livelihoods; sustained Emergency in riverine areas.

Contributing Factors

- ✓ Strengthened purchasing power due to the decline in cereal prices; increase in livestock prices and wage rates
- ✓ Return of outmigrated livestock and increased milk availability
- ✓ Significant humanitarian interventions (food and CFW) and improved social support
- ✓ Harvest failure in the riverine areas due to flooding

Outlook for January-June 2012:

- ✓ Early depletion of stocks (by end March '12) despite some off-season harvest in riverine areas
- ✓ Increase in livestock prices given good pasture and water
- ✓ Increased labour opportunities for *Gu* planting season and cash crops
- ✓ Normal livestock migration, hence less household expenses

Factors that may aggravate the situation: Possibility of flooding in case of above normal rains in river catchments of Ethiopian highlands and Somalia; low resilience among affected population given reduced herd sizes; deteriorated security situation

Gedo - Affected Districts	UNDP 2005 Rural	Assessed and High Risk Population in Crisis and Emergency					
		Gu 2011			Deyr 2011/12		
		Acute Food and Livelihood Crisis (AFLC)	Humanitarian Emergency (HE)	Famine	Stressed	Crisis	Emergency
Baardheere	80,628	11,000	31,000	9,000	19,000	9,000	6,000
Belet Xaawo	42,392	10,000	9,000	0	8,000	7,000	1,000
Ceel Waaq	15,437	3,000	1,000	0	3,000	1,000	0
Doolow	20,821	5,000	5,000	0	3,000	4,000	1,000
Garbahaarey/Buur Dhuubo	39,771	12,000	14,000	0	7,000	10,000	0
Luuq	48,027	10,000	14,000	0	5,000	8,000	3,000
SUB-TOTAL	247,076	51,000	74,000	9,000	45,000	39,000	11,000
TOTAL AFFECTED POPULATION IN CRISIS & EMERGENCY		134,000			45,000	50,000	

GEDO

Rural Population in Crisis by Livelihood Zone

Gedo Region and Affected Livelihood Zones		Assessed and High Risk Population in Crisis and Emergency					
		GU 2011			Deyr 2011/12		
		Acute Food and Livelihood Crisis (AFLC)	Humanitarian Emergency (HE)	Famine	Stressed	Crisis	Emergency
Bay-Bakool Agro-Pastoral	26,607	0	15,000	9,000	14,000	0	0
Dawa Pastoral	111,023	23,000	13,000	0	23,000	13,000	0
Juba Pump Irrigated Riverine	31,236	8,000	19,000	0	0	8,000	11,000
Southern Agro-Pastoral	31,731	11,000	23,000	0	0	14,000	0
Southern Inland Pastoral	46,479	9,000	4,000	0	8,000	4,000	0
SUB-TOTAL	247,076	51,000	74,000	9,000	45,000	39,000	11,000
TOTAL AFFECTED POPULATION IN CRISIS & EMERGENCY		134,000			45,000	50,000	

District	UNDP 2005 Total Population	UNDP 2005 Urban Population	Gu 2011			Deyr 2011/12			
			Acute Food and Livelihood Crisis (AFLC)	Humanitarian Emergency (HE)	Total in AFLC or HE as %of Urban population	Stressed	Crisis	Emergency	Total Urban in Crisis and Emergency as % of Urban population
Gedo									
Baardheere	106,172	25,544	5,000	8,000	51	9,000	10,000	0	39
Belet Xaawo	55,989	13,597	3,000	4,000	51	5,000	5,000	0	37
Ceel Waaq	19,996	4,559	1,000	1,000	44	2,000	2,000	0	44
Doolow	26,495	5,674	1,000	2,000	53	2,000	2,000	0	35
Garbahaarey/Buur Dhuubo	57,023	17,252	3,000	5,000	46	6,000	7,000	0	41
Luuq	62,703	14,676	3,000	4,000	48	5,000	6,000	0	41
Sub-Total	328,378	81,302	16,000	24,000	49	29,000	32,000	0	39

The End