



Information for Better Livelihoods



Northeast Regions

Presentation

Deyr 2011/12 Analysis

26th January 2012

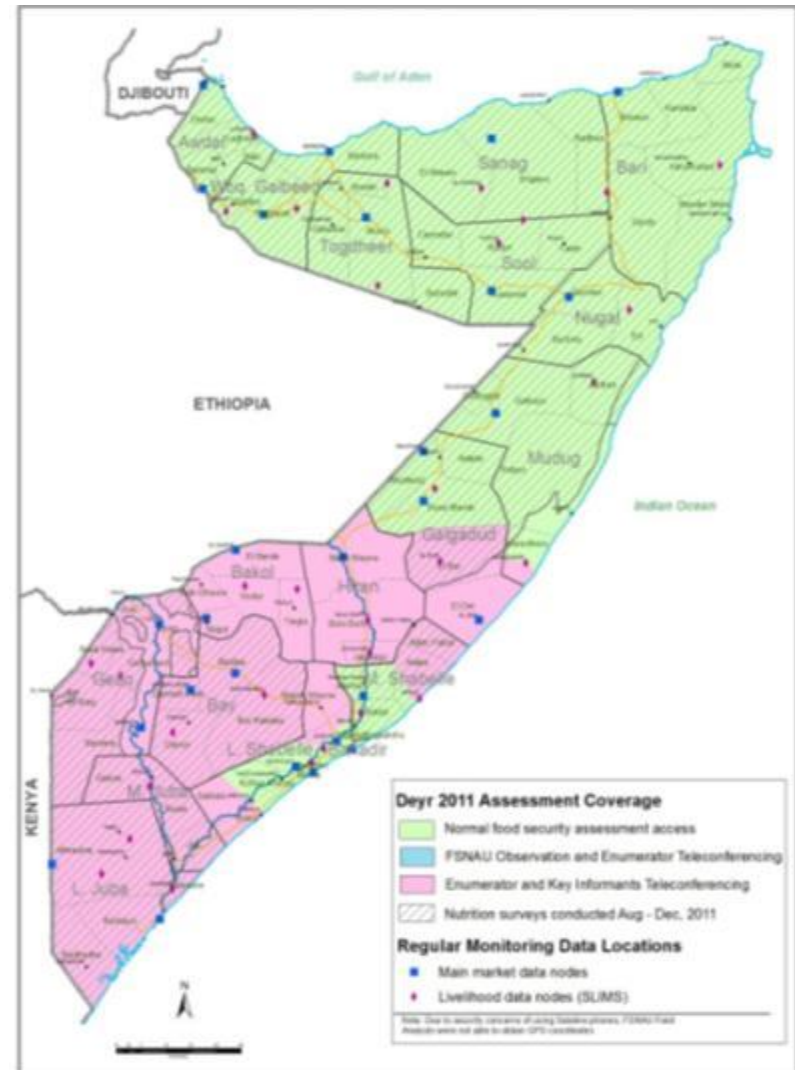
Technical
Partner

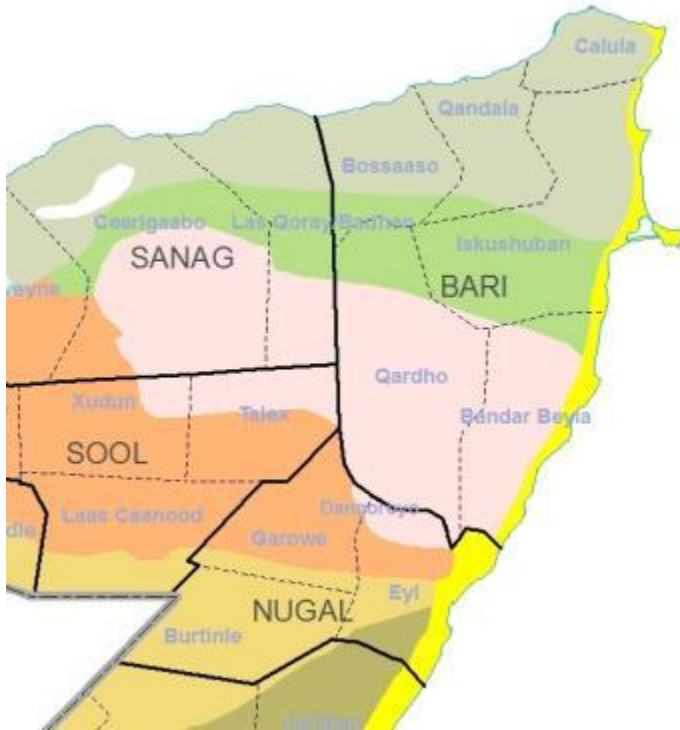


Donors

Field Access and Field Data Locations

Field staff had normal access to all livelihoods in the Northeast regions in the *Deyr* 2011 Assessment





7 Pastoral Livelihood Groups:

Hawd, Sool Plateau, Nugaal Valley, Addun, East
Golis, Karkaar-Dharoor and Coastal *Deeh*

Main Sources of Food and Income for the poor HH:

- ☐ Primary sources of income are sale of livestock and livestock products (fishing and gums for Coastal and Golis)
- ☐ Primary source of food is purchase
- ☐ Primary livelihood assets are camel and sheep/goat

Overall Statement: Generally below normal rains in most livelihoods of Northeast with the exception of pockets of Hawd and Addun LZ that received above normal rains and parts of Karkaar LZ, which received near normal rains

Deyr Rainfall Performance:

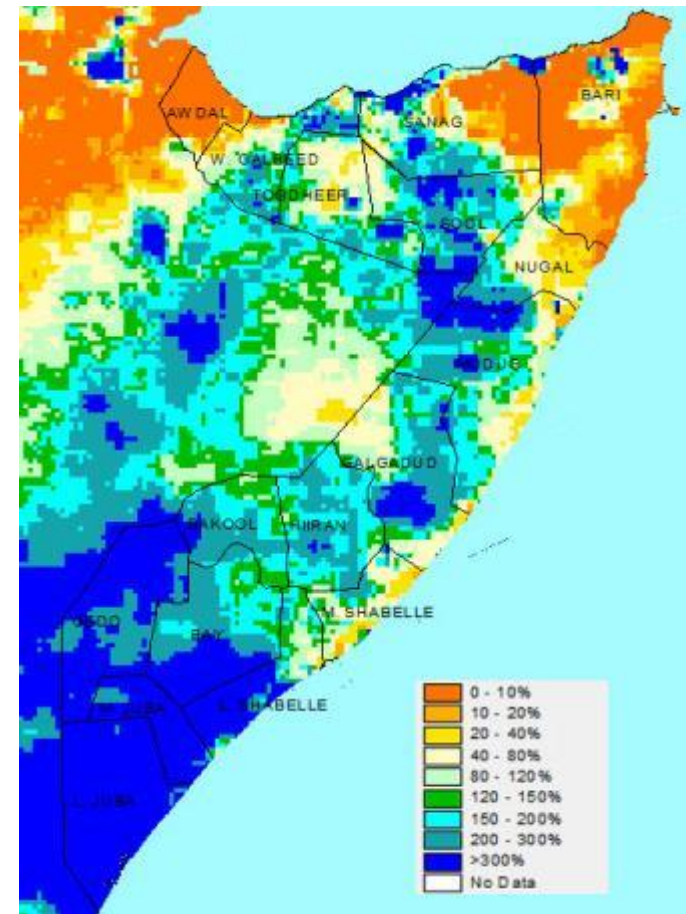
•**Start of Season:** Started early in 2nd *dekad* of September 2011 in most parts of Sool Plateau and Hawd livelihoods

•**Temporal and Spatial Distribution:** Duration and distribution of the rainfall were very poor in most livelihoods of Nugaal valley of Nugal region; Sool Plateau, East Golis, Coastal *Deeh* and Dharoor Valley of Bari region. These livelihoods remained dry in November and December

•**Above Normal Rains:** Hawd and most parts of Addun livelihoods received normal to above normal rains (150-200% of normal)

•**Below normal Rains:** Parts of Nugaal Valley and Coastal *Deeh* of Iskushuban and Qandala districts received 40-80% of Long-term Average

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

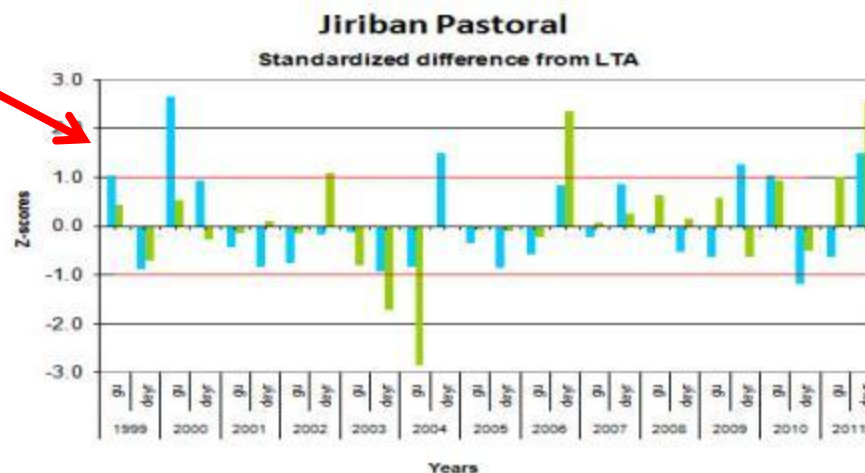
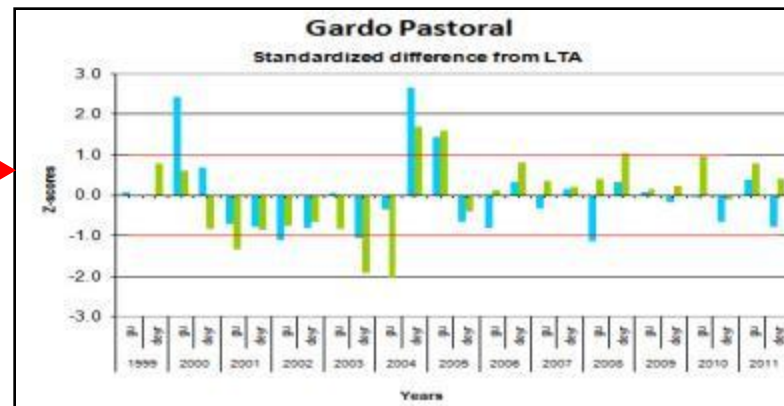
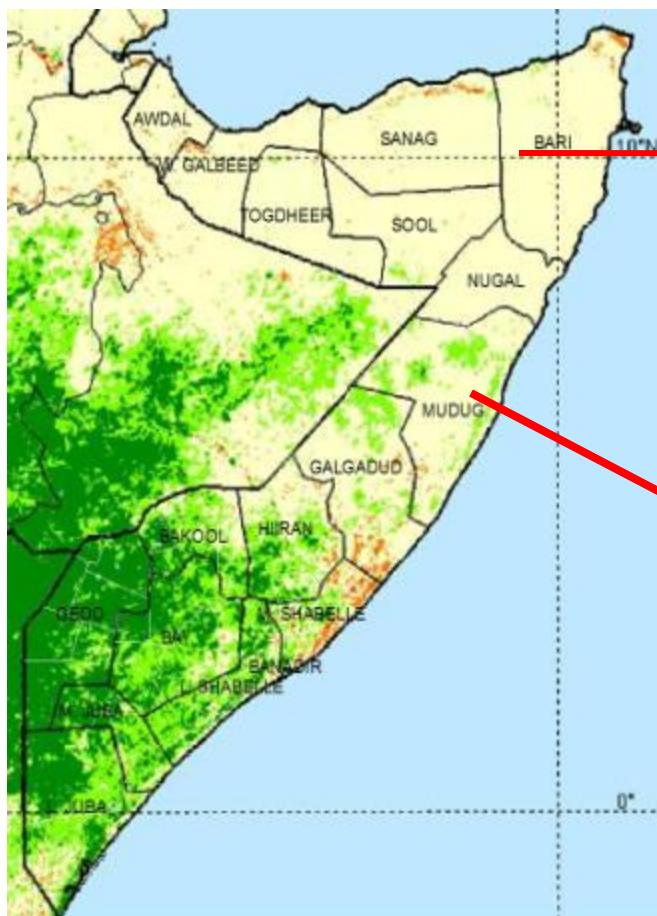


Source: NOAA

Climate

Vegetation Conditions

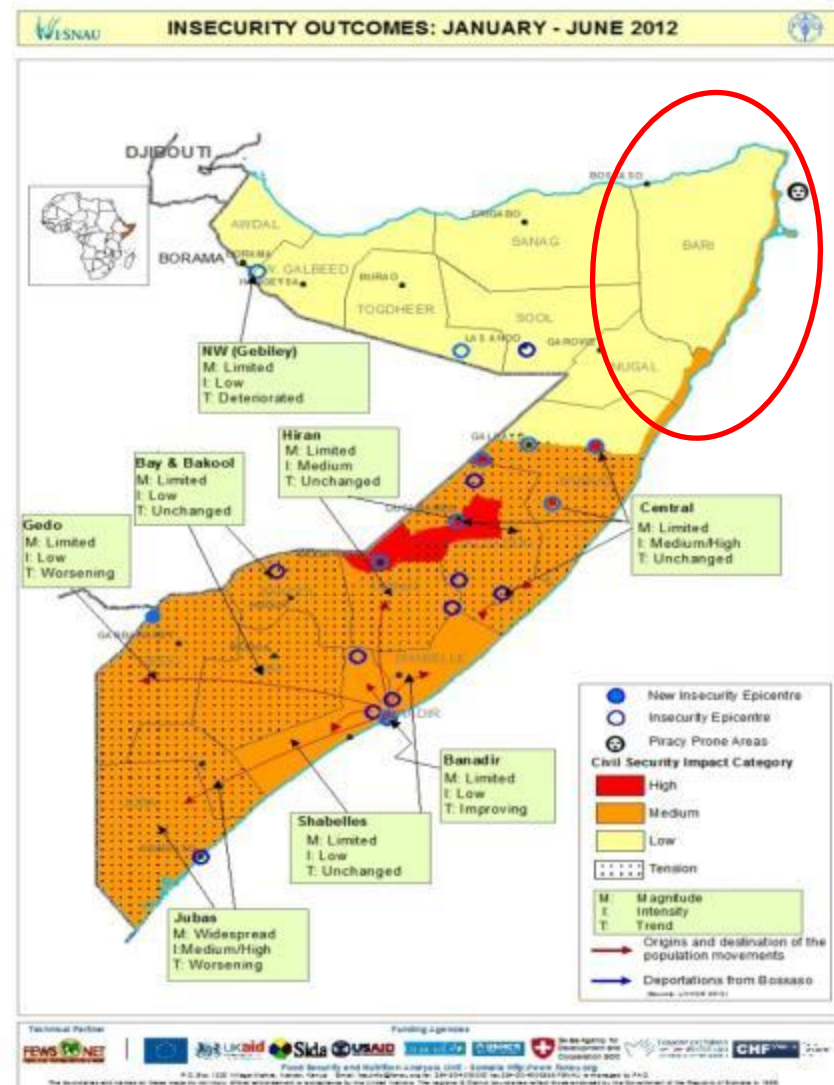
Trends in NDVI & RFE by district & land cover



Overall situation: Normal security condition in most parts of NE. The exceptions are Bossaso and Galkacyo town where there were cases of targeted killing and Iskushuban /Qardho border where resource-based conflicts erupted.

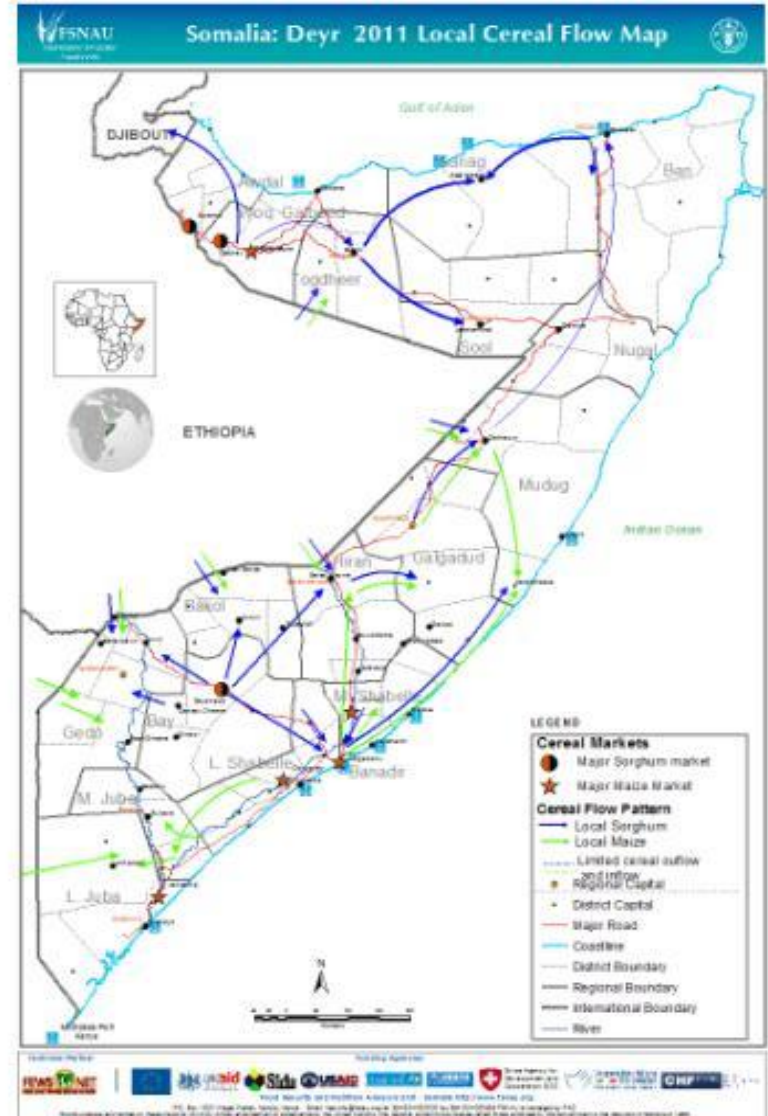
Direct/Indirect Impacts

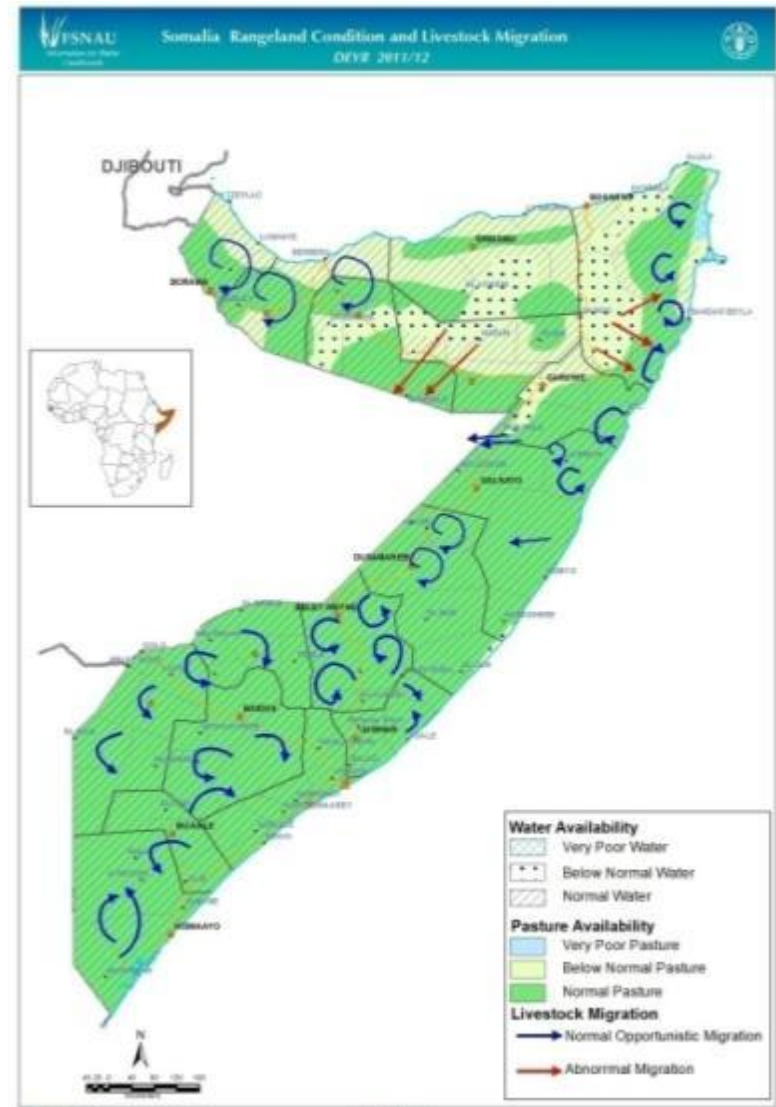
- Human deaths, injuries, displacement, restricted access to water and grazing. Ceasefire and dialogue began and the situation is expected to improve in Iskushuban/Qardho.
- Generally reduced piracy activities with presence in few localities of Eyl (Garacad) and Iskushuban (Xaafuun) districts. The decline of the piracy is linked to the improved patrolling by international marine forces as well as high tide during Monsoon season (July-Sep '11).



Cereal Flow

Deyr 2011-12 local cereals are supplied from the southern regions (Bay, Lower Shabelle and Hiraaan); Agropastoral of Northwest as well as Ethiopia





Trends in Livestock Holdings and Milk Production

Region	Livelihoods	Conception (Deyr '11)	Calving/kidding (Deyr '11)	Milk production (Deyr '11)	Expected calving/ kidding Jan – June '12	Trends in Herd Size (June '12)
Northeast	Hawd Pastoral	Camel : Low to Medium Sh/Goat: Medium to High	Camel: low Sh/Goat: Medium	Camel: Average Sh/Goat: Average	Camel : Low to Medium Sh/Goat: Medium to High	Camel: Increasing trend Goats: Increasing trend
	East Golis	Camel : Low Sh/Goat: Medium	Camel: None Sh/Goat: Medium	Camel: Poor Sh/Goat: Average	Camel : Low Sh/Goat: Medium	No baseline data available
	Karkaar/Dharoor	Camel : Low Sheep/Goat: Medium	Camel: Low Sh/Goat: Medium	Camel: Poor Sh/Goat: Average	Camel : Low Sh/Goat: Medium	No baseline data available
	Nugal Pastoral	Camel : Low Sheep/Goat: Medium	Camel: Low Sh/Goat: Medium	Camel: Average Sh/Goat: Average	Camel : Low Sh/Goat: Medium	Camel: Increase (below baseline) Sh/Goat: Increase (below baseline)
	Sool Pastoral	Camel : Low Sh/Goat: Low to Medium	Camel: Low to None Sh/Goat: Low to Medium	Camel: Poor Sh/Goat: Poor	Camel : Low Sh/Goat: Medium	Camel: Slight decrease (below baseline) Sh/Goat: Significant decrease (below baseline)
	Addun Pastoral	Camel : Low to Medium Sh/Goat: High to Medium	Camel: Low Sh/Goat: Medium	Camel: Average Sh/Goat: Average	Camel : Low Sh/Goat: Medium	Camel: Increase (as baseline) Goats: Increase (below baseline)
	Coastal	Camel : Low Sh/Goat: Low to Medium	Camel: Low to None Sh/Goat: Low	Camel: poor Sh/goat: poor	Camel : Low Sh/Goat: Medium	No baseline data available



Improved goat body condition - Hawd. Hasbahalle, Eyl, Nugal region, FSNAU, Dec. 2011



Good camel body condition – Hawd. Kalabeyr, Garowe, Nugal region, FSNAU, Dec. 2011



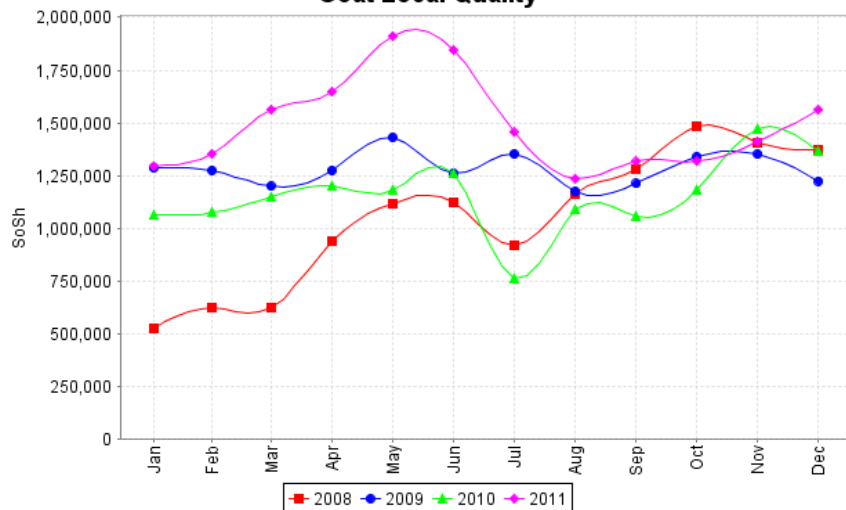
Poor goat body condition - Coastal Deeh. Alula, Bari, FSNAU, Dec. 2011



Average pasture and livestock body condition - Sool Plateau. Qardho, Bari, FSNAU Dec. 2011

Trends in Livestock prices and terms of Trade-Garowe

Goat Local Quality

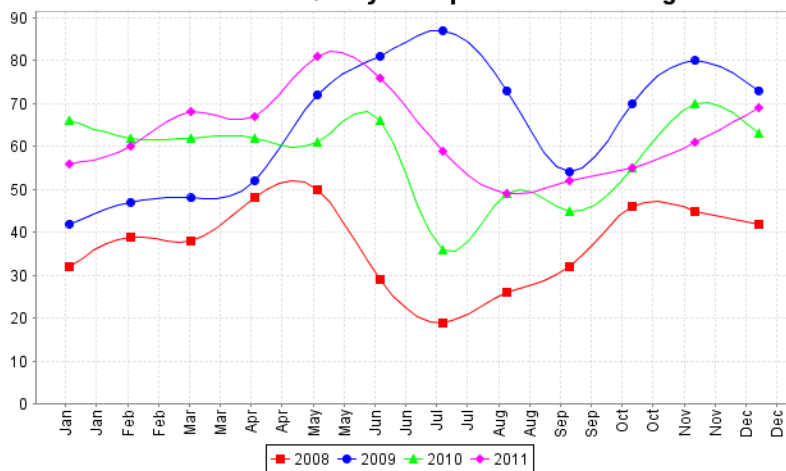


Regional trends in goat local
quality price

Increasing Trend

Improved body condition

TOT Goat Local Quality To Imported Red Rice 1kg



Terms of Trade: Cereal to Goat

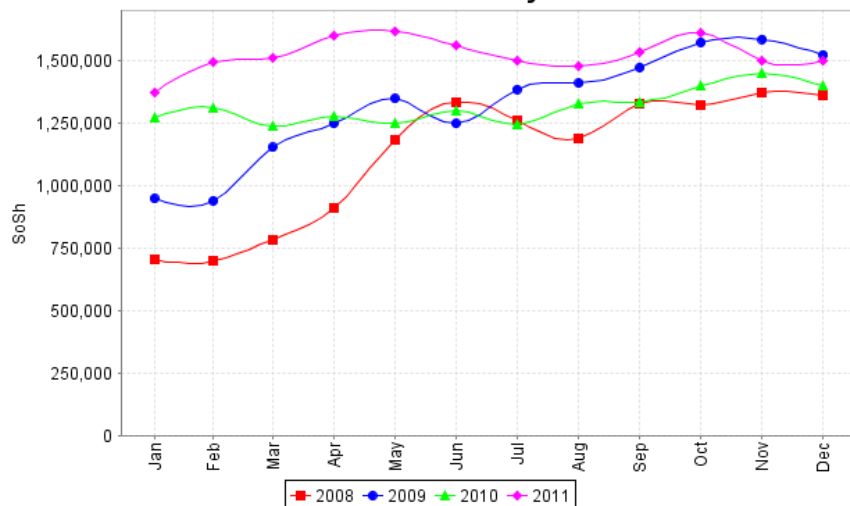
Increasing Trend

(63 kg/head to 69kg/head - Dec '10
to Dec '11)

Markets and Trade

Trends in Livestock prices and terms of Trade- Bossaso

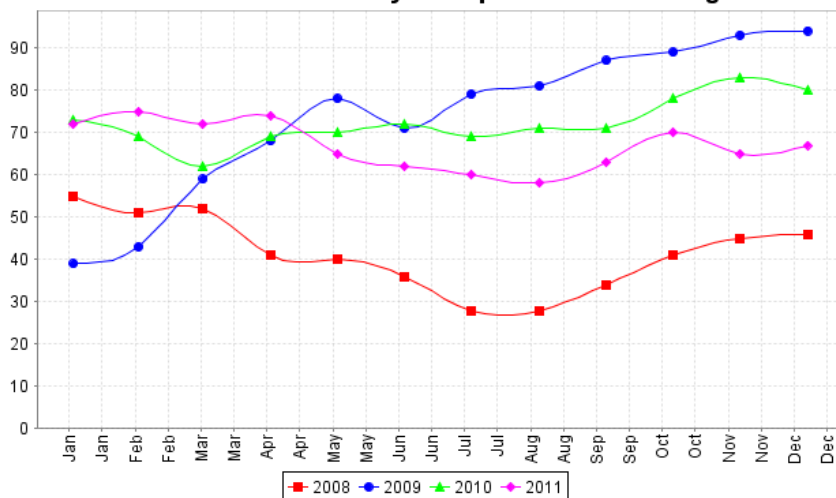
Goat Local Quality



Regional Trends in Goat local quality price

Increasing Trend

TOT Goat Local Quality To Imported Red Rice 1kg



**Terms of Trade Bossaso
Cereal to Goat
(80 kg/head to 67kg/head-
Dec '10 to Dec '11)**

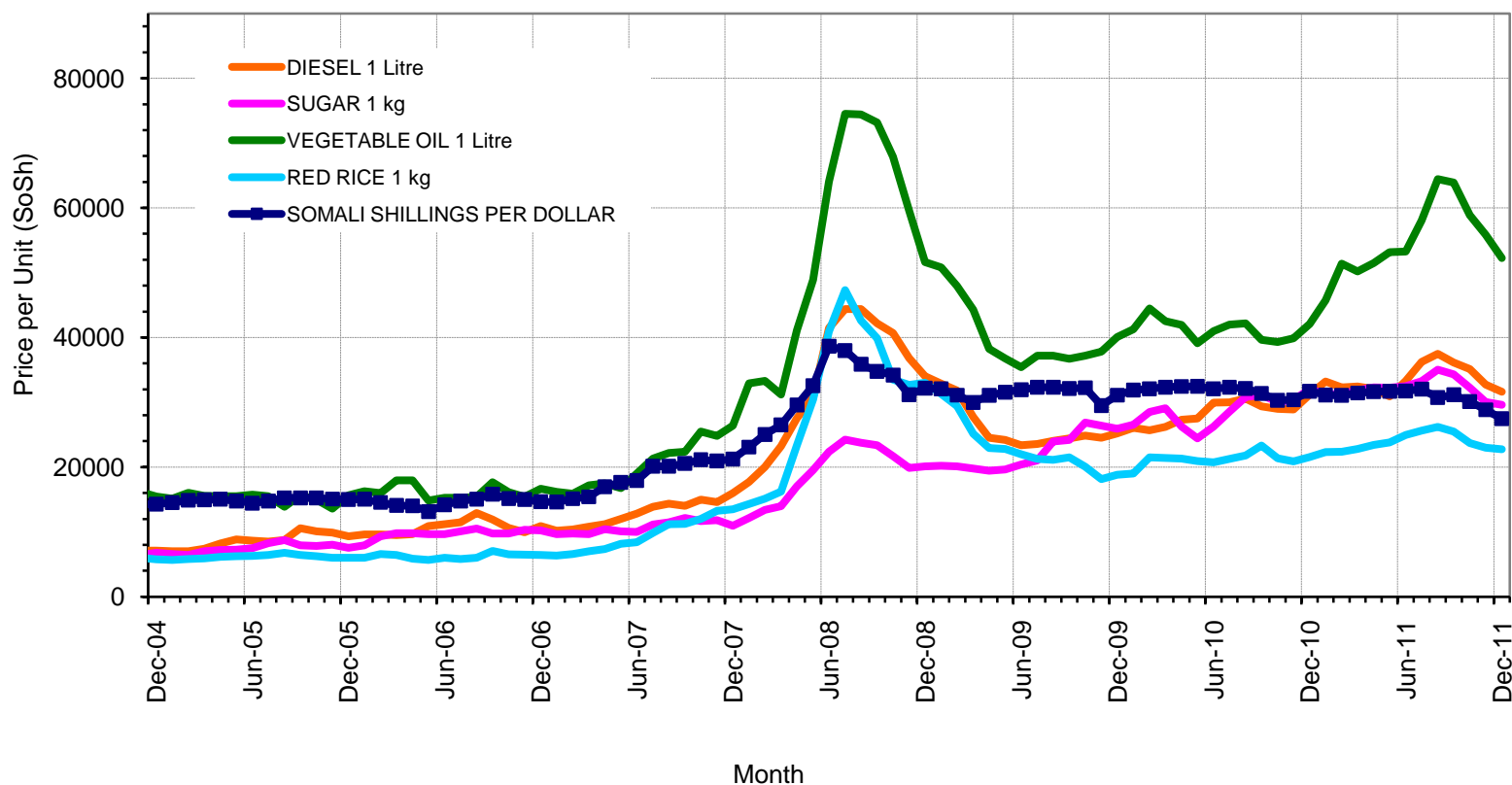
Decreasing Trend

**Annual rice price increase
of 28%**

Market and Trade

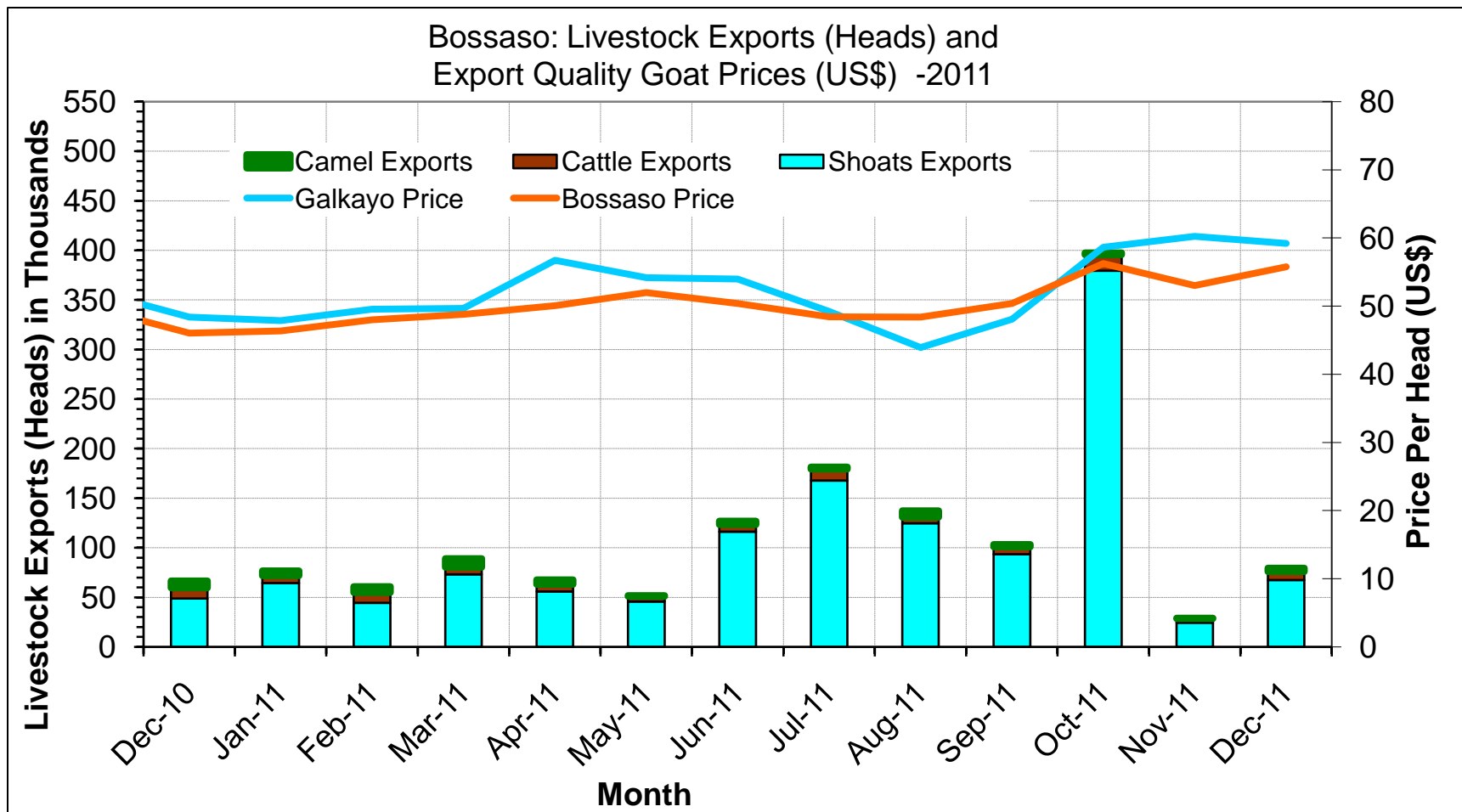
Imported Commodity Prices Trends

Trend in Imported Commodity Prices Compared to Exchange Rate



Market and Trade

Livestock Exports-Bossaso



Nutrition

Summary of Nutrition Findings

Region	Nutrition Surveys (Nov 2011)	Rapid MUAC Screening (% <12.5cm % <11.5cm)	Health Information System Info	TFC/ OTP/ SFC	Other relevant information – Key driving factors	Summary of analysis and change from Gu11
NE	<p>Hawd Pastoral (N=566)</p> <ul style="list-style-type: none"> •GAM:18.6%&SAM:5.5%; •Oedema: 0.9% •CMR: 0.49/ 10,000/day •U5MR: 0.86/10.000 <p>Addun Pastoral (N=530)</p> <ul style="list-style-type: none"> •GAM: 12.1% SAM: 2.8% •CMR:0.32/10,000/day &U5MR:0.87/10,000/day. <p>Golis/Dharoor- assess. N= 575</p> <ul style="list-style-type: none"> •GAM: 15.2%, SAM: 3.8% •CMR: 0.26/ 10,000/day •U5MR: 0.36/10.000/day <p>Sool Plateau: assessm.N=654</p> <ul style="list-style-type: none"> •GAM: 11.6%, SAM: 3.4% •CMR: 0.48/ 10,000/day •U5MR: 1.22/10.000/day <p>Coastal Deeh: Assess. N=652</p> <ul style="list-style-type: none"> •GAM: 12.2 % SAM: 3.0%; •CMR: 0.77/ 10,000/day •U5MR: 1.15/10.000/day <p>Nugaal assessment N=637</p> <ul style="list-style-type: none"> •GAM:16.3%:SAM:2.7% •CMR: 0.19/ 10,000/day •U5MR: 0.48/10.000/day 	<p>Hawd: <12.5cm=10.6% <11.5cm=2.5%</p> <p>Addun: <12.5cm=2.3% <11.5cm=0.4%</p> <p>Golis: <12.5cm=7.0% <11.5cm=1.6%</p> <p>Sool Plateau: •<12.5cm=5.2 •11.5cm=1.5%</p> <p>Coastal Deeh: •<12.5cm=1.4 •<11.5cm= 0.4</p> <p>Nugaal •<12.5cm=3.0 •<11.5cm= 1.5</p>	<ul style="list-style-type: none"> • High proportion but fluctuating in Hawd & Addun high but decreasing MCHs.(FSNAU, HIS, Jan – Nov'11, R=3). • High proportion but decreasing in Golis Low in Coastal & Sool (Jan-Nov'11, R=3). Low • Low proportion and increasing Nugaal Valley (MOH, SRCS, Jan-Nov 11, R=3) 	<p>OTP data shows stable trend in last 3 months (UNICEF, Jan-July'11)</p>	<p>Hawd/Addun:</p> <ul style="list-style-type: none"> •AWD outbreak in Galkacayo and suboptimal child feeding is a concern •Low access to safe water 32.2% & 48% latrine 65.2% & 18.6% in Hawd and Addun respectively •low coverage of health programmes<80 <p>Golis, Sool plateau, Coastal & Nugal valley</p> <ul style="list-style-type: none"> •High morbidity in Golis and Coastal , Sool Plateau and Nugal Valley. •Poor infrastructure in Golis and coastal areas. <p>Some mitigating factors</p> <ul style="list-style-type: none"> • Interventions in Hawd and Addun(health, nutrition, WASH and Food Aid) •Active social support 	<p>Hawd –Critical deteriorated Gu'11 from Serious</p> <p>Addun: Serious – improved from post Gu'11 from Critical</p> <p>Golis: Critical deteriorated Gu'11 from Serious</p> <p>Sool Plateau: Serious – improved from post Gu'11 from Critical</p> <p>Coastal Deeh: Serious – improved from post Gu'11 from Critical</p> <p>Nugal Valley: Critical – improved from post Gu'11 from Very Critical</p>

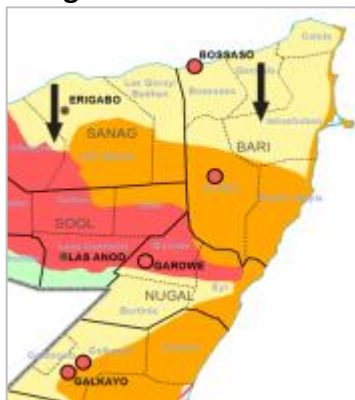
Nutrition

Summary of Nutrition Findings

Region	Nutrition Surveys (Oct – Nov 11)	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 11
NE	<p><u>Bossaso IDPs:</u> Nut. assessment N=899</p> <ul style="list-style-type: none"> •GAM:24.1% •SAM: 7.2%; •CMR: 0.68/ 10,000/day •U5MR: 1.51/10.000/day <p><u>Garowe IDPs:</u> Nut. assessment N=777</p> <ul style="list-style-type: none"> •GAM:17.8% •SAM: 4.5%; •CMR: 0.30/ 10,000/day •U5MR: 0.77/10.000/day <p><u>Galkahyo IDPs:</u> Nut. assessment N=972</p> <ul style="list-style-type: none"> •GAM: 21.8 % •SAM: 5.9%; •CMR: 0.80/10,000/day •U5MR: 1.39/10.000/day <p><u>Qardho IDPs:</u> Nut. assessment N=201</p> <ul style="list-style-type: none"> •GAM: >16.4% •SAM: >4.3%; •CMR: / 10,000/day •U5MR:/10.000/day 	<p><u>Bossaso:</u></p> <ul style="list-style-type: none"> •<12.5cm=14.9% •<11.5cm= 3.5% <p><u>Garowe IDPs:</u></p> <ul style="list-style-type: none"> •<12.5cm=11.8% •<11.5cm= 3.0% <p><u>Galkahyo IDPs:</u></p> <ul style="list-style-type: none"> •<12.5cm=9.3% •<11.5cm=2.8% <p><u>Qardho IDPs:</u></p> <ul style="list-style-type: none"> •<12.5cm=13.1% •<11.5cm= 0.8% 	<ul style="list-style-type: none"> • High>20%, stable (FSNAU, HIS, Jan –Nov '11, R=3). • N/A • N/A • N/A • N/A 	<p>High OTP admission and stable trend in Bossaso, (Jan-Nov'11, R=2)</p> <p>High and fluctuating in Galkaio IDP</p> <p>Stable</p> <p>N/A</p>	<p>Bossaso, Garowe Galkacayo and Qardho IDPs:</p> <ul style="list-style-type: none"> •High morbidity and suboptimal child feeding is a concern •Poor Housing conditions •Low access to safe water 64.3% %, 55.3%, Bosaso & Garowe IDPs respectively •Limited access to milk and milk products •Limited consumption of fruits and vegetables <p>Some mitigating factors</p> <ul style="list-style-type: none"> •Access to humanitarian interventions 	<p><u>Bossaso IDPs</u> Very Critical; sustained phase from Gu'11</p> <p><u>Garowe IDPs:</u> Critical Improved from post Gu'11 Very Critical Phase.</p> <p><u>Galkahyo IDPs:</u> Very Critical; sustained phase from Gu'11</p> <p><u>Qardho IDPs</u> Critical Improved from post Gu'11 Very Critical Phase</p>

Nutrition Situation Estimates

Nutrition Situation Estimates,
August 2011



Nutrition Situation Estimates,
January 2012



Nutrition Situation Estimates,
February-June 2012



The nutrition situation remains **Serious** across all livelihoods in Northeast except for Nugal Valley and East Golis in **Critical** phase. Nevertheless there are slight improvements across all livehoods since the Gu 2011.

- **Aggravating factors**
 - Limited milk access in Golis/Karkar, Coastal areas and IDPs
 - High morbidity in all livelihoods – AWD and malaria outbreak in Galkayo district
 - Inappropriate child feeding and care practices
 - Poor access to sanitation facilities and safe water in rural LHZs.
- **Mitigating factors**
 - Humanitarian programmes in the region (health and feeding facilities, WASH); Social support
 - Improved milk access in Nugal, Hawd and Addun pastoral livelihoods
 - Improved dietary diversity in most livelihoods.

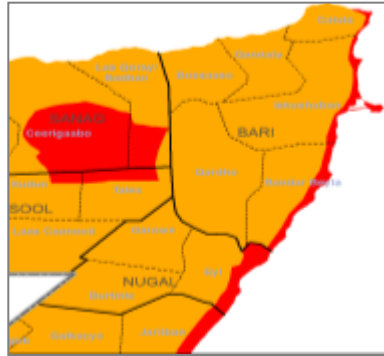
• Nutrition Outlook, February – June 2012

The nutrition outlook based on seasonal trends reflect improvements in the Hawd of Northeast with improved food security outlook. Addun, Sool, Nugal Valley and East Golis will remain in the current **Serious-Critical** phases. IDPs remain vulnerable.

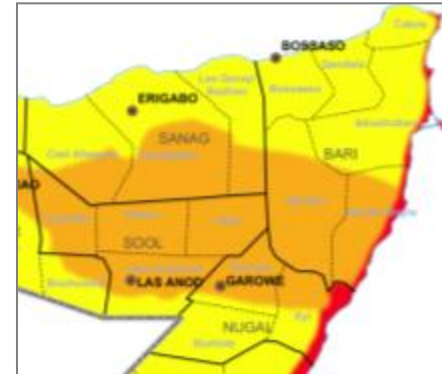
Northeast

Progression of Rural IPC Situation

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



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



Current situation: Improved food security situation; Emergency in Coastal *Deeh* and Crisis in Sool Plateau and Nugaal Valley

Contributing Factors:

- ✓ Strengthened purchasing power (increased ToT goat to rice)
- ✓ Improved livestock conditions, improved production (*Hawd, Addun*) and reproduction
- ✓ Increased incomes from livestock trade during *Hajj*
- ✓ Improved frankincense production/export
- ✓ Normal humanitarian access

Outlook for Feb-June 2012:

- ✓ Sustained ToT given good livestock conditions and normal seasonal price trend
- ✓ Improved milk availability with average kidding/lambing
- ✓ Increased migration hence more HH expenses

Factors that can aggravate the situation: seasonal decline in fishing activities and insecurity in main export markets (Yemen); limited number of saleable animals amongst the poor, high water prices (Coastal *Deeh*), high debt levels (USD 350)

Rural Population in Crisis by Districts

NE Regions - Affected Districts	2005 Rural Population	Assessed and High Risk Population in Crisis and Emergency				
		Gu 2011		Deyr 2011/12		
		Acute Food and Livelihood Crisis (AFLC)	Humanitarian Emergency (HE)	Stressed	Crisis	Emergency
Bari						
Bandarbayla	8,976	2,000	1,000	0	2,000	0
Bossaso	57,725	17,000	0	9,000	9,000	0
Caluula	27,002	7,000	1,000	4,000	4,000	1,000
Iskushuban	36,519	10,000	1,000	5,000	5,000	1,000
Qandala	26,902	8,000	0	4,000	4,000	0
Qardho	30,881	7,500	2,000	0	9,000	0
Sub-total	188,005	51,500	5,000	22,000	33,000	2,000
North Mudug						
Gaalkacyo	58,007	14,000	7,000	11,000	4,000	4,000
Galdogob	33,366	10,000	5,000	8,000	0	2,000
Jariiban	32,866	6,000	4,000	4,000	3,000	3,000
Sub-total	124,239	30,000	16,000	23,000	7,000	9,000
Nugaal						
Burtinle	26,005	7,000	0	7,000	0	0
Eyl	25,259	4,000	5,000	2,000	3,000	2,000
Garooowe	24,596	5,000	5,000	3,000	3,000	2,000
Dan Gorayo	14,732	3,500	1,000	0	4,000	0
Sub-total	90,592	19,500	11,000	12,000	10,000	4,000
Sanaag						
Ceel Afweyn	53,638	12,000	5,000	3,000	10,000	2,000
Ceerigaabo	83,748	15,000	8,000	4,000	11,000	2,000
Laasqoray/Badhan	76,902	12,000	15,000	3,000	16,000	5,000
Sub-total	214,288	39,000	28,000	10,000	37,000	9,000
Sool						
Caynabo	24,026	4,000	3,000	1,000	5,000	1,000
Laas Caanood	50,606	10,000	4,000	5,000	7,000	2,000
Taleex	20,983	3,000	4,000	0	5,000	2,000
Xudun	15,528	2,000	3,000	0	4,000	1,000
Sub-total	111,143	19,000	14,000	6,000	21,000	6,000
GRAND TOTAL	728,267	159,000	74,000	73,000	108,000	30,000
TOTAL AFFECTED POPULATION IN CRISIS & EMERGENCY		233,000		73,000	138,000	

NORTHEAST

Rural Population in Crisis by Livelihood Zone

NE Regions - Affected Livelihood Zones	Estimated Population of Affected Livelihood	Assessed and High Risk Population in Crisis and Emergency				
		Gu 2011		Deyr 2011/12		
		Acute Food and Livelihood Crisis (AFLC)	Humanitarian Emergency (HE)		Crisis	Emergency
Bari						
Coastal Deeh: sheep	7,699	1,000	2,000	0	0	2,000
East Golis Pastoral	85,474	24,000	0	13,000	13,000	0
Gagaab Pastoral	28,539	9,000	0	5,000	4,000	0
Kakaar pastoral: sheep & goats	28,231	10,000	0	4,000	4,000	0
Sool pastoral; camel&shoats	38,062	7,500	3,000	0	12,000	0
Sub-total	188,005	51,500	5,000	22,000	33,000	2,000
North Mudug						
Addun pastoral: mixed shoats, camel	42,886	14,000	11,000	6,000	7,000	0
Coastal Deeh: sheep	5,259	0	2,000	0	0	2,000
Hawd Pastoral	64,968	16,000	0	17,000	0	0
Destitute pastoralists	7,126	0	3,000	0	0	7,000
Sub-Total	124,239	30,000	16,000	23,000	7,000	9,000
Nugaal						
Addun pastoral: mixed shoats, camel	4,211	1,000	0	1,000	1,000	0
Coastal Deeh: sheep	7,014	0	3,000	0	0	2,000
Hawd Pastoral	43,178	12,000	0	11,000	0	0
Nugal valley-lowland pastoral: Sheep, camel	15,771	2,000	6,000	0	3,000	1,000
Sool-Sanag Plateau Pastoral	18,943	4,500	10,000	0	6,000	0
Destitute pastoralists	1,476	0	1,000	0	0	1,000
Sub-total	90,592	19,500	11,000	12,000	10,000	4,000
Sanaag						
Fishing	15,193	0	0	0	0	0
Golis-Guban pastoral: Goats, camel	56,596	20,000	0	10,000	10,000	0
Kakaar pastoral: sheep & goats	30,415	8,000	0	0	0	0
Nugal Valley Pastoral: Sheep & camel	37,396	6,000	6,000	0	7,000	3,000
Potato Zone & Vegetables	7,052	0	0	0	0	0
Sool-Sanag Plateau Pastoral	61,347	5,000	16,000	0	20,000	0
Destitute pastoralists	6,289	0	6,000	0	0	6,000
Sub-total	214,288	39,000	28,000	10,000	37,000	9,000
Sool						
Hawd Pastoral	30,108	8,000	0	6,000	2,000	0
Nugal valley-lowland pastoral: Sheep, camel	72,608	10,000	11,000	0	17,000	5,000
Sool-Sanag Plateau Pastoral	7,697	1,000	2,000	0	2,000	0
Destitute pastoralists	730	0	1,000	0	0	1,000
Sub-total	111,143	19,000	14,000	6,000	21,000	6,000
GRAND TOTAL	728,267	159,000	74,000	73,000	108,000	30,000
TOTAL AFFECTED POPULATION IN CRISIS & EMERGENCY		233,000		73,000	138,000	

NORTHEAST

Urban Population in Crisis

District	UNDP 2005 Total Population	UNDP 2005 Urban Population	Gu 2011			Deyr 2011/12			
			Acute Food &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
Sanaag									
Badhan	55,000	7,322	3,000	1,000	55	3,000	3,000	0	41
Ceel Afweyn	65,797	12,159	5,000	1,000	49	4,000	5,000	0	41
Ceerigaabo	114,846	31,098	13,000	3,000	51	11,000	14,000	0	45
Laasqoray	34,724	5,500	2,000	1,000	55	2,000	2,000	0	36
Sub-Total	270,367	56,079	23,000	6,000	52	20,000	24,000	0	43
Sool									
Caynabo	30,702	6,676	3,000	0	45	1,000	3,000	0	45
Laas Caanood	75,436	24,830	12,000	0	48	3,000	9,000	0	36
Taleex	25,354	4,371	2,000	0	46	1,000	2,000	0	46
Xudun	18,785	3,257	2,000	0	61	0	1,000	0	31
Sub-Total	150,277	39,134	19,000	0	49	5,000	15,000	0	38
Bari									
Bandarbayla	14,376	5,400	2,000	0	37	1,000	1,000	0	19
Bossaso	164,906	107,181	36,000	0	34	24,000	24,000	0	22
Caluula	40,002	13,000	4,000	0	31	3,000	3,000	0	23
Iskushuban	45,027	8,508	3,000	0	35	2,000	2,000	0	24
Qandala	42,502	15,600	5,000	0	32	4,000	4,000	0	26
Qardho	60,825	29,944	10,000	0	33	7,000	7,000	0	23
Sub-Total	367,638	179,633	60,000	0	33	41,000	41,000	0	23
Nugaal									
Burtinle	34,674	8,669	4,000	0	46	1,000	3,000	0	35
Dan Gorayo	20,331	5,599	3,000	0	54	1,000	2,000	0	36
Eyl	32,345	7,086	3,000	0	42	1,000	2,000	0	28
Garoowe	57,991	33,395	15,000	0	45	4,000	11,000	0	33
Sub-Total	145,341	54,749	25,000	0	46	7,000	18,000	0	33
North Mudug									
Galdogob	40,433	7,067	2,000	0	28	1,000	1,000	0	14
Jariiban	39,207	6,341	2,000	0	32	1,000	1,000	0	16
Sub-Total	79,640	13,408	4,000	0	30	2,000	2,000	0	15
Grand Total	1,013,263	343,003	131,000	6,000	40	75,000	100,000	0	29

The End