



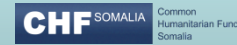
*Post Gu 2012*

# Presentation

22 August 2012

## Hiran Region

Technical  
Partner



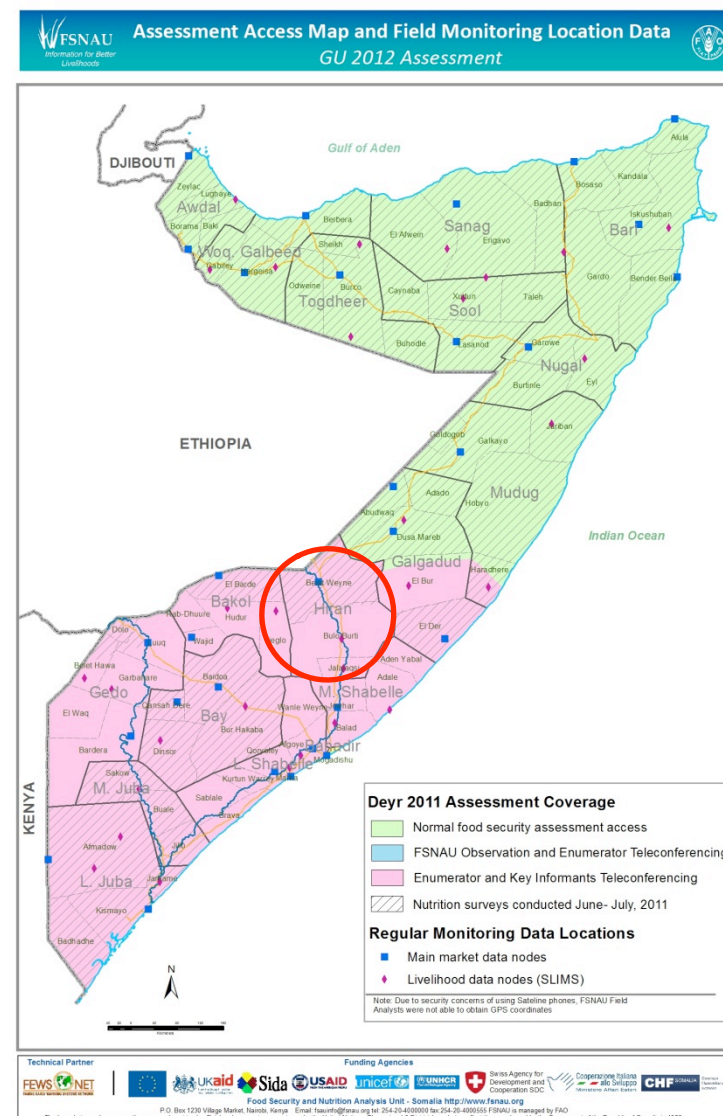
Donors

# Gu 2012 Seasonal Assessment Coverage

## Field Access and Field Data Locations

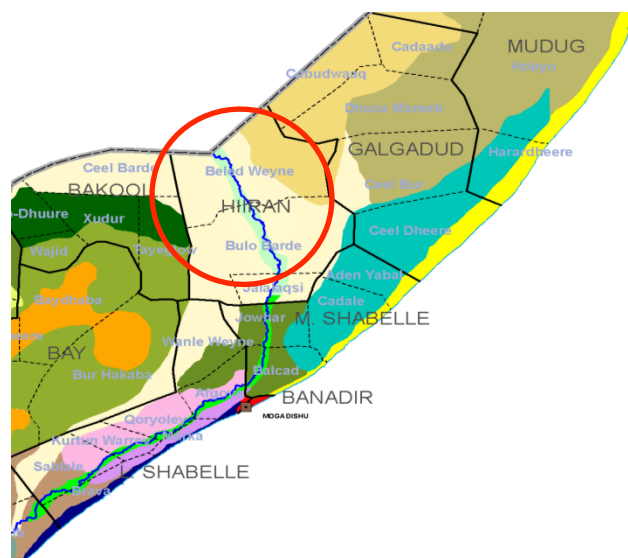
Due to insecurity in the region FSNAU field analyst of Hiran did not have direct access to collect field data.

Seasonal food security information was collected through teleconferencing with enumerators and key informants.



# Main Livelihood Groups

## Sources of Food and Income



### Livelihood Groups & Main Sources of Food and Income

#### 1. Two Pastoral Livelihood (SIP and Hawd)

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

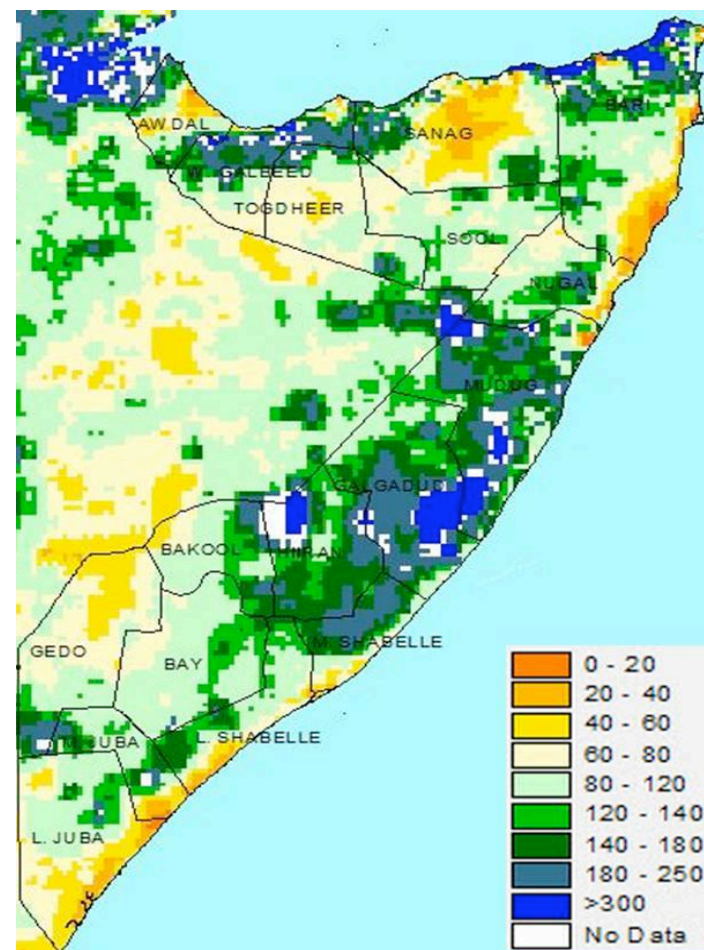
#### 2. Agropastoral and Riverine Livelihoods

- ☐ Hiran Agropastoral: Main sources of income: sale of livestock & livestock products, crop sales, sale of bush products (charcoal, fire wood, building sticks, fodder); main sources of food: own production, purchase and food gifts
- ☐ Hiran riverine: Main sources of income: labour activities, sale of crops, crop fodder and bush products; main source of food: own production and purchases

### Overall Statement:

In *Gu* 2012, most of the pastoral livelihoods of Hiran received good rains. However, in the agropastoral and riverine livelihoods rains were sporadic, localized, and below normal.

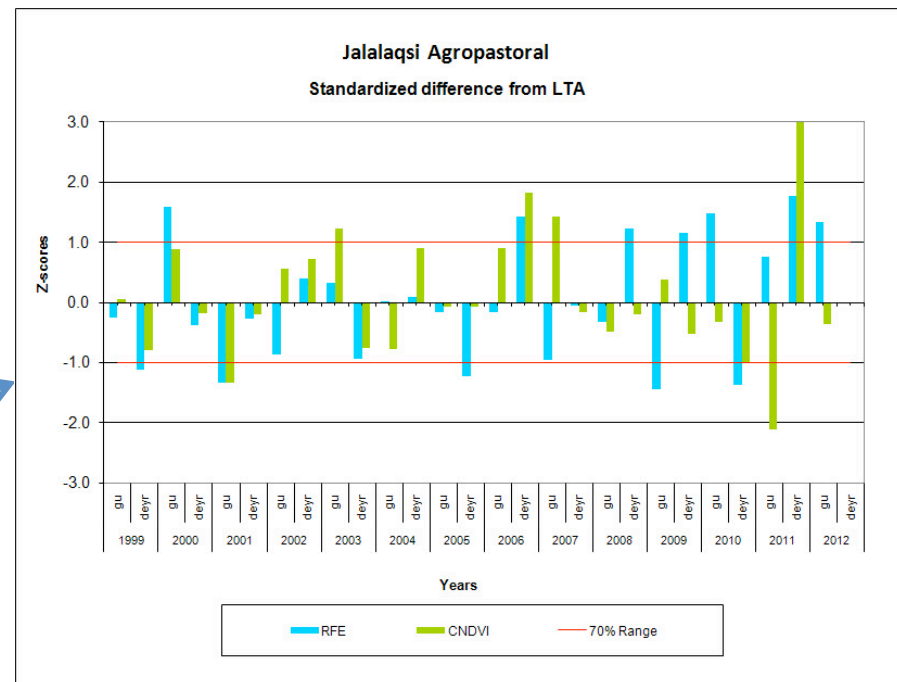
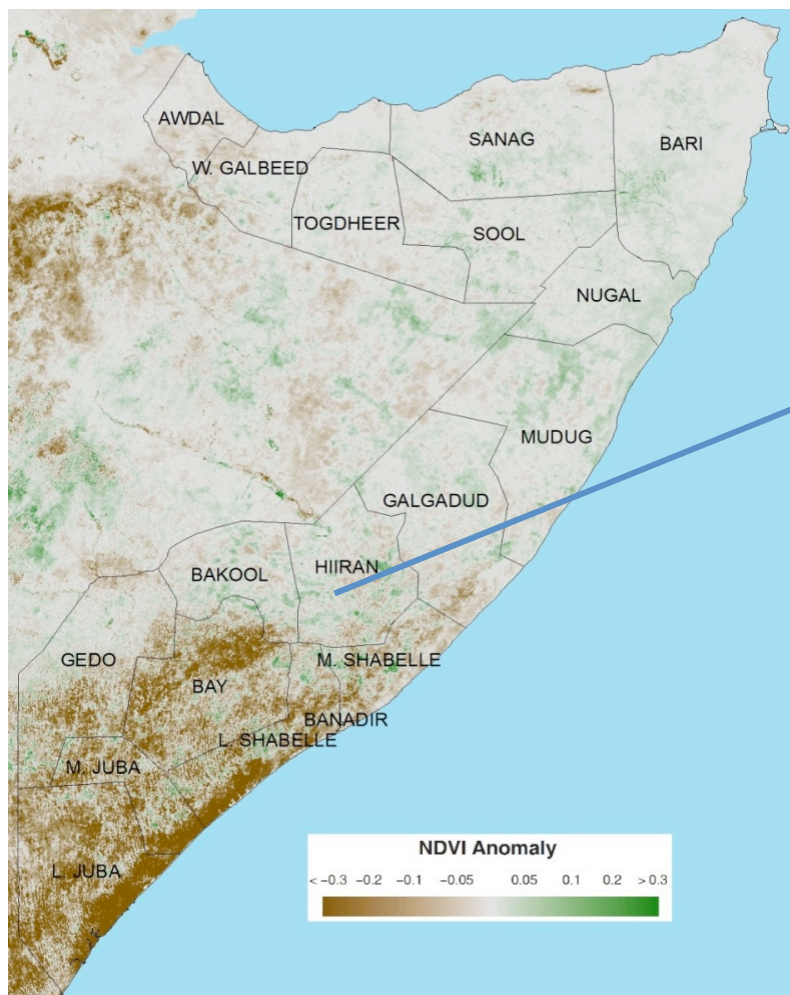
RFE Percent of Normal *Gu* 2012  
(April-June)



# CLIMATE

## Vegetation Conditions (NDVI)

NDVI eMODIS Anomaly Period 36, June 21-30, 2012



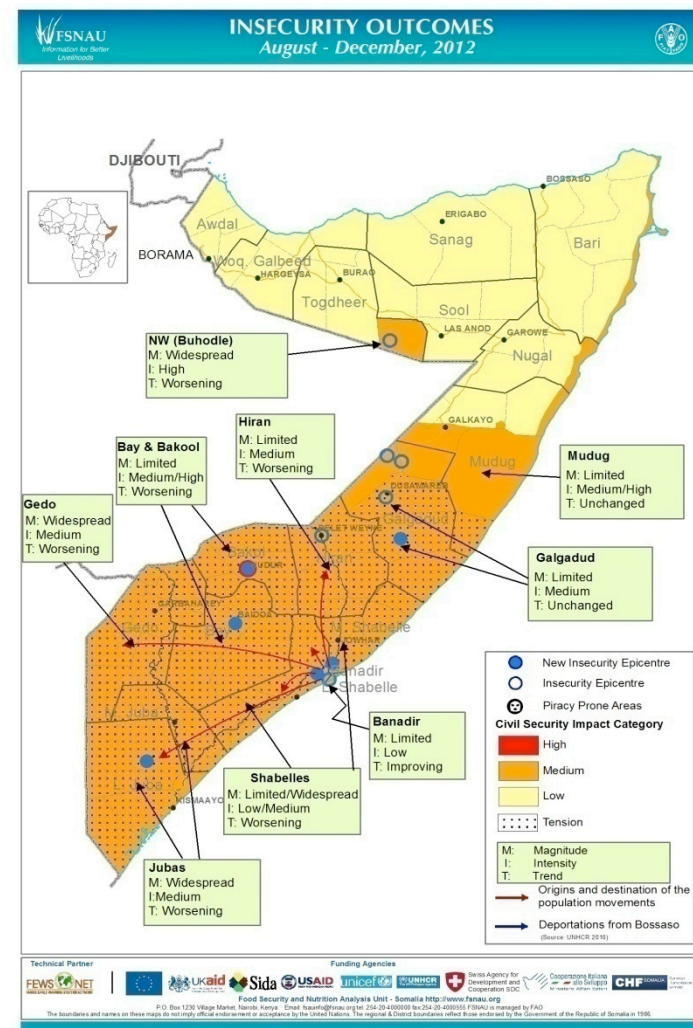
Source: NOAA/CPC/FEWS NET

## Key events:

- Very tense security situation, particularly in Beletweyne area
- Presence of warring factions; there have been roadside bombings; suicide bomb attacks; hurling of hand grenades and sporadic clashes
- Daytime curfew (7am to 11.30 am) in Beledweyne town since Feb '12,

## Direct and Indirect Impacts on Food Security and Nutrition:

- Human death and injuries
- Population displacement
- Disruptions in trade, income and access to health/education services of the urban households (curfew)
- Restricted humanitarian access



Source: FSNAU and Protection Cluster

# AGRICULTURE

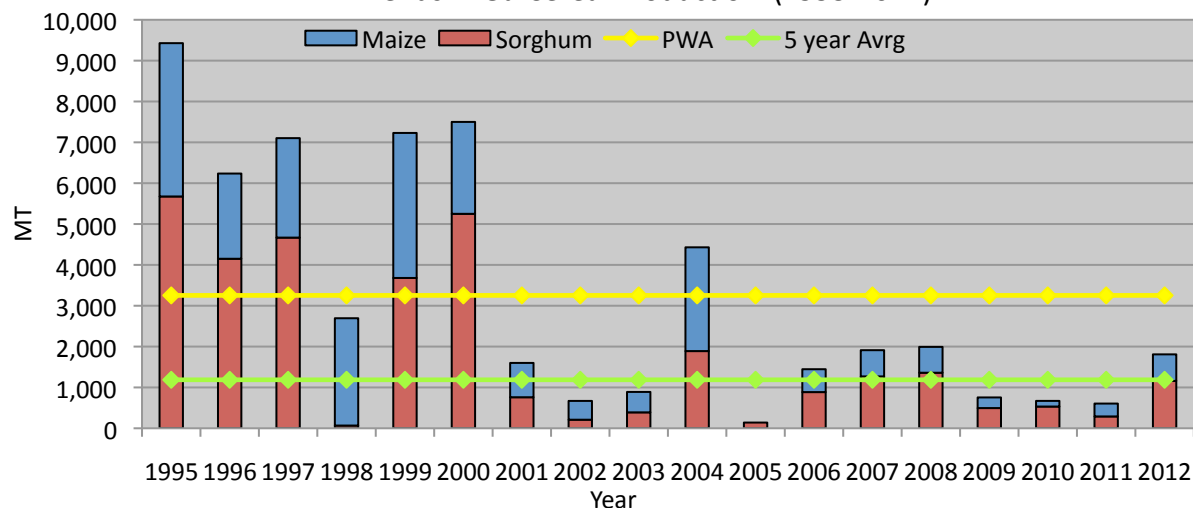
## Gu 2012 Cereal Production by District

Districts	Gu 2012 Production in MT		Total Cereal	Gu 2012 as % of Gu 2011	Gu 2012 as % of Gu PWA (1995-2011)	Gu 2012 as % of 5 year average (2007-2011)
	Maize	Sorghum				
Belet Weyne	300	550	850	309%	56%	145%
Bulo Burto	200	340	540	284%	53%	148%
Jalalaqsi	150	270	420	300%	58%	177%
<b>Total</b>	<b>650</b>	<b>1,160</b>	<b>1,810</b>	<b>299%</b>	<b>56%</b>	<b>152%</b>

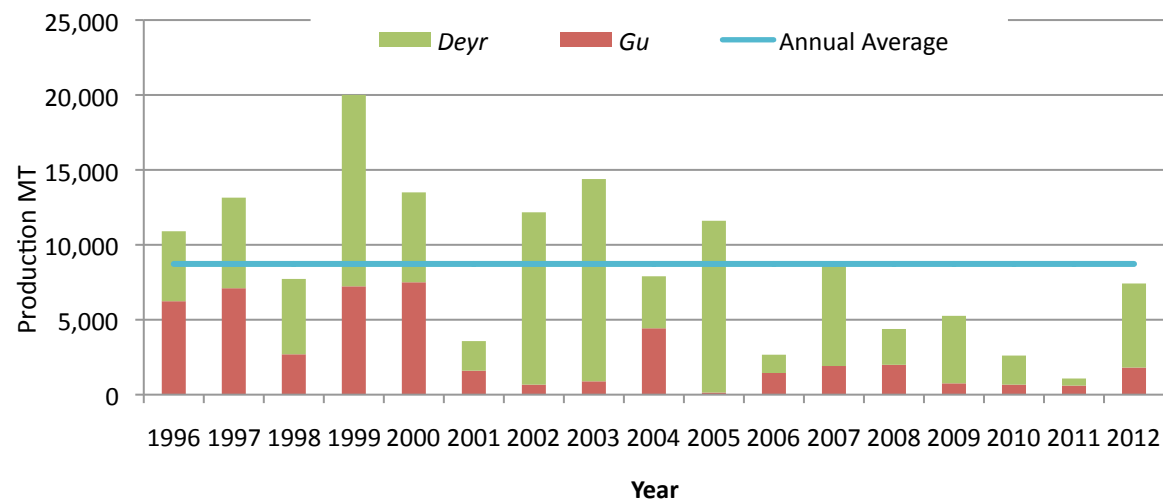
# AGRICULTURE

## Trends in Regional Cereal Production

Trends in *Gu* Cereal Production (1995-2012)



***Gu* Regional Cereal  
Production Trend (1995-2012)**



**Annual Regional Cereal  
Production Trend (1996-2012)**



**Sorghum crop failure. Jalalaqsi, Hiran,  
FSNAU June 2012**



**Good maize Crop-irrigated. Buloburte, Hiran,  
FSNAU, June 2012**



**Sorghum Crop Damaged by Birds.  
Beletweyne, Hiran, FSNAU June 2012**

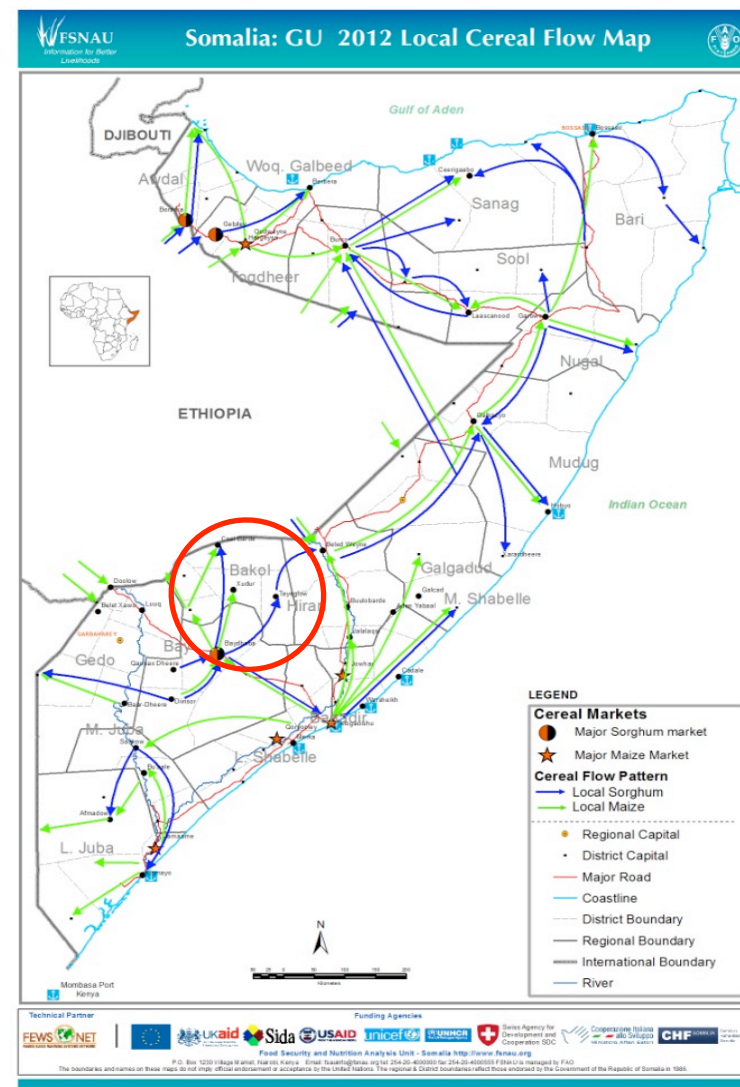


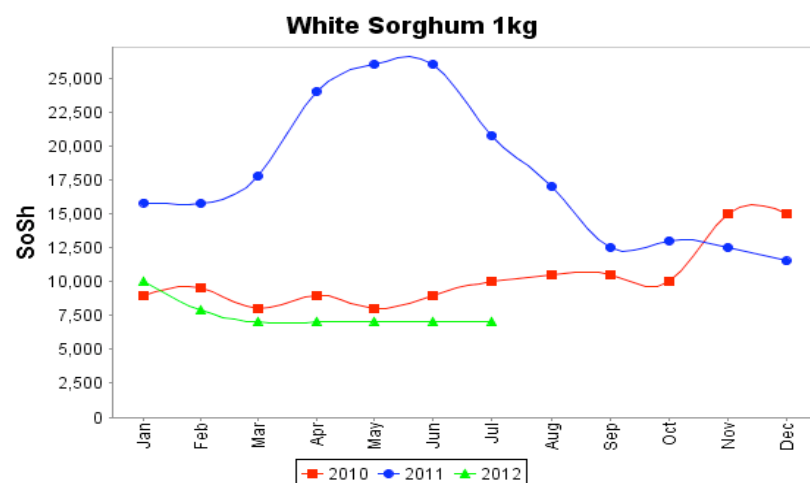
**Bird scaring. Beletweine, Hiran, FSNAU, July 2012**

### Gu 2012 Cereal Flow

Major source of cereal inflow (local cereals) to Hiran include Middle Shabelle, Bay as well as commercial food aid from Somali region of Ethiopia.

Major supply of imported commodities (red rice, sugar, diesel, vegetable oil and wheat flour) is mainly from Bossaso and Mogadishu.



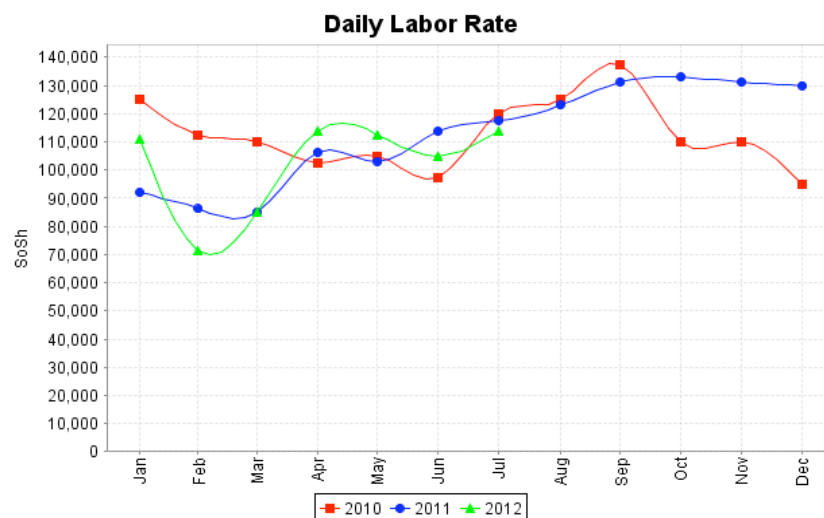


### Regional Trends in Cereal Prices (White Sorghum)

Jun11 -Jun'12: Decrease (73%)

Jan-Jun '12: Decrease (30%)

Jun-Jul '12: Stable



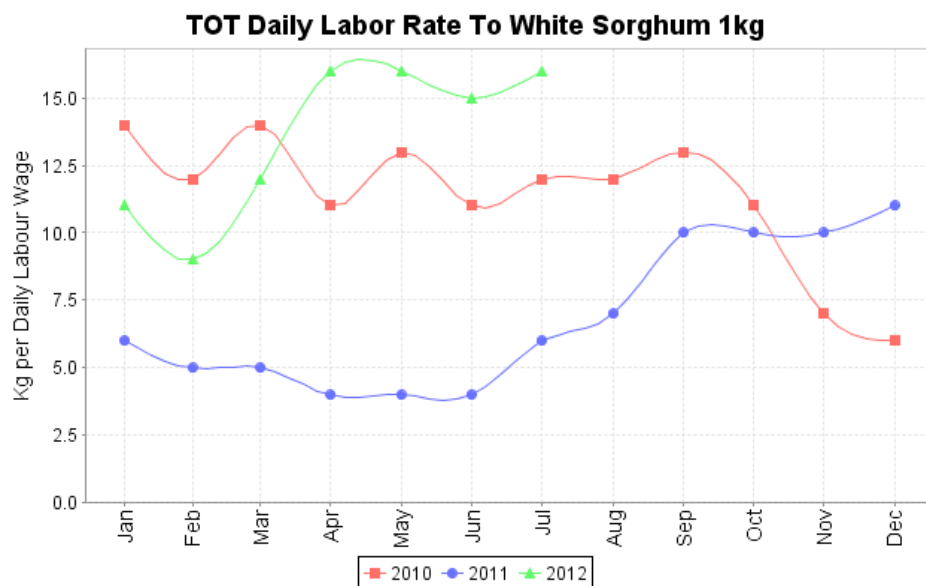
### Regional Trends in Daily Labour Wage

Jun'11 -Jun'12: Decrease (8%)

Jan-Jun '12: Decrease (5%)

Jun-Jul'12: Increase (9%)

## Regional Trend in ToT between Labour to Cereal



### Regional Trends in ToT Daily Labour Wage and White Sorghum

Jun11 -Jun'12 : 4Kg/day to 15kg; increase (275%)

Jan-Jun '12 : 11kg to 15Kg/day; increase (36%)

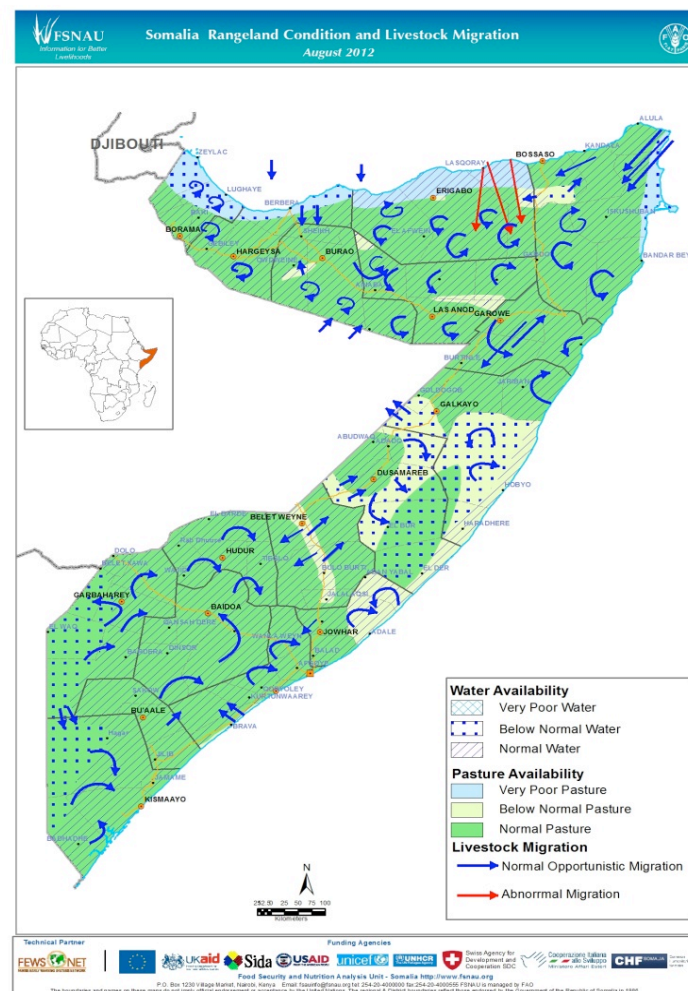
Jun-Jul'12: 16kg/day; increase (7%)

Good cash crop production continuous throughout the year

Main crops produced include onions, tomatoes, watermelon, pepper which are supplied to the local markets and the northern regions

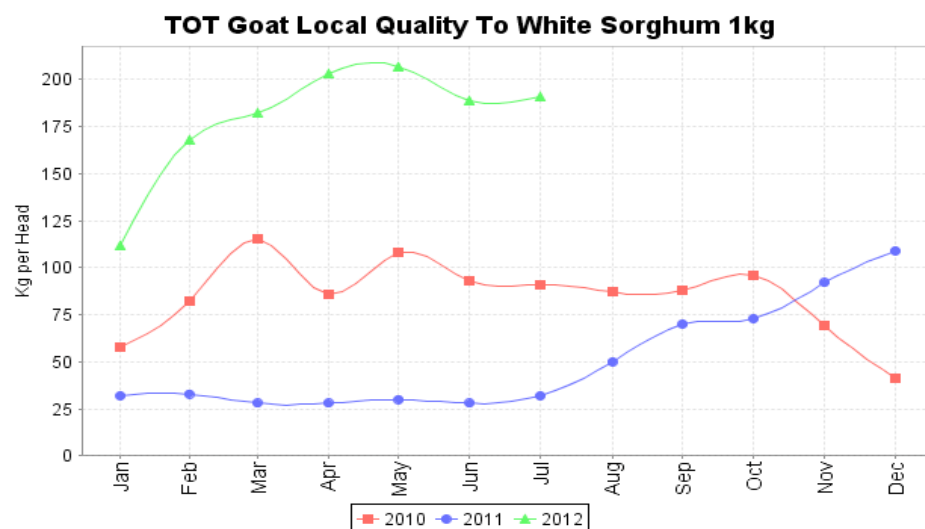
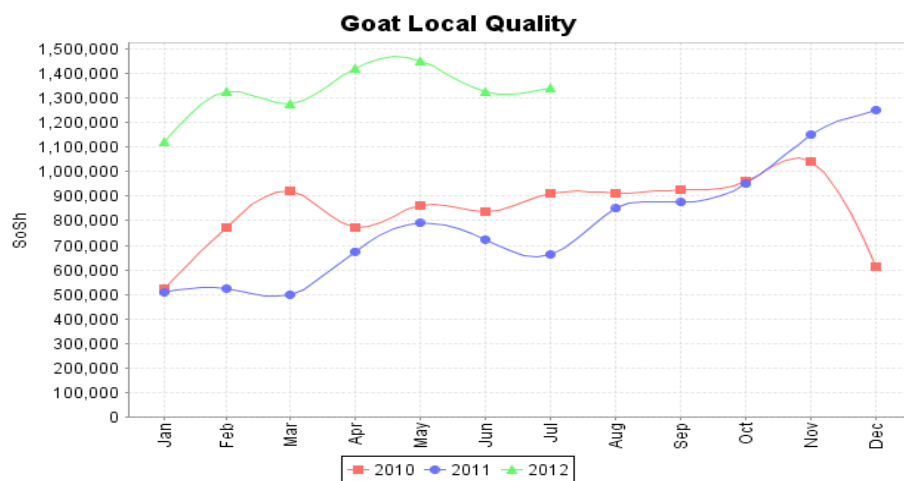


- **Pasture:** Pasture and browse availability is average in pastoral livelihood zones of Hiran region, but poor in riverine and agro pastoral areas due to poor *Gu* 2012 rains
- **Water:** Water availability is average to good in pastoral livelihoods as *Gu* 2012 rains replenished most of rural catchments
- **Livestock condition:** livestock body condition is average to good for all species (PET score 3-4) due to increased availability of water and pasture.
- **Migration:** Normal migration pattern within the traditional grazing areas of the region. Cattle in agro pastoral zones migrated to pastoral areas



## Trends in Livestock Holdings and Milk Production

Region	Livelihoods	Conception (Gu '12)	Calving/ kidding (Gu '12)	Milk production (Gu '12)	Expected calving/ kidding Jul – Dec '12	Trends in Herd Size (Dec '12)
Hiiran	Hawd Pastoral	Camel : Medium Sh/Goat: Medium	Camel : Low Sh/Goat: Medium	Below Average	Camel : Medium Sheep/Goat: Medium	Camel: Increase (Near baseline)  Sh/goat: Increase (Below baseline)
	Southern Inland Pastoral	Camel: Medium Cattle: Medium Sh/Goat: Medium	Camel : Low Cattle : Low Sh/Goat: Medium	Below Average	Camel : Medium Cattle: Medium Sh/Goat: Medium	Camel: Increase (Below baseline) Cattle: increase (Below baseline) Sh/goat: Increase (Below baseline)
	Hiran Agro pastoral	Cattle: Medium Sh/Goat: Medium	Cattle : Low Sh/Goat: Medium	Below Average	Cattle: Medium Sh/Goat: Medium	No baseline data for comparison



### Regional Trends in Local Goat Price

Jun '11 - Jun'12 : Increase (83%)

Jan-Jun'12: Increase (18%)

Jun-Jul '12: Increase(1%)

### Terms of Trade Cereal to Local Goat

Jun '11-Jun'12: 28kg to 189kg/head; increase (575%)

Jan-Jun '12: 112 to 189 Kg/head; increase (69%)

Jun-Jul '12: Increase (1%)

# LIVESTOCK

## Livestock Body Conditions, water & Pasture availability photos



**Improved goat body condition, SIP, Buloburte, Hiran, FSNAU, July '12**



**Replenished natural water catchment, Hawd, Beletwein, Hiran, FSNAU, July '12**

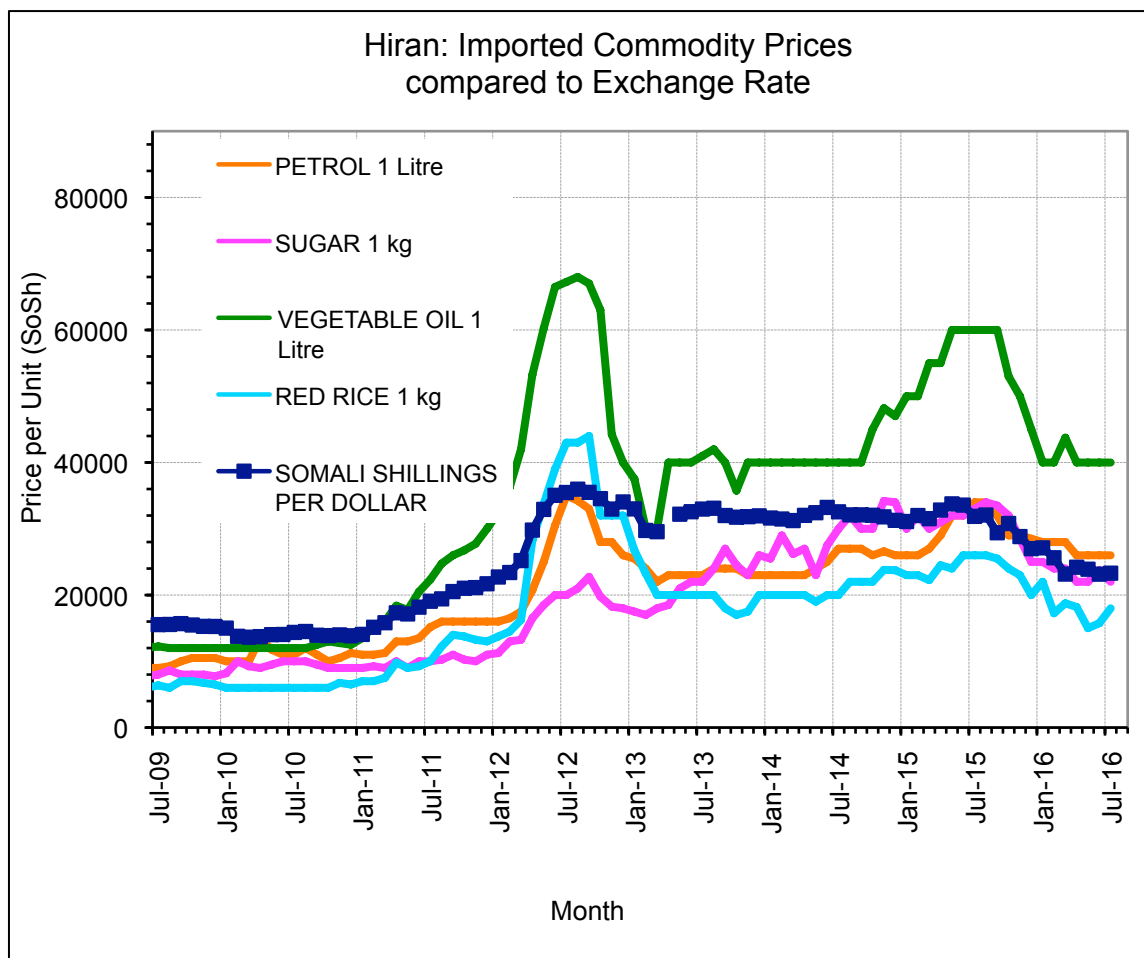


**Average cattle body condition, Agro pastoral\_Buloburte, Hiran, FSNAU, July '12**



**Improved camel body condition with low calving, SIP Buloburte, Hiran, FSNAU, July '12**

## Trends in Imported Commodity Prices

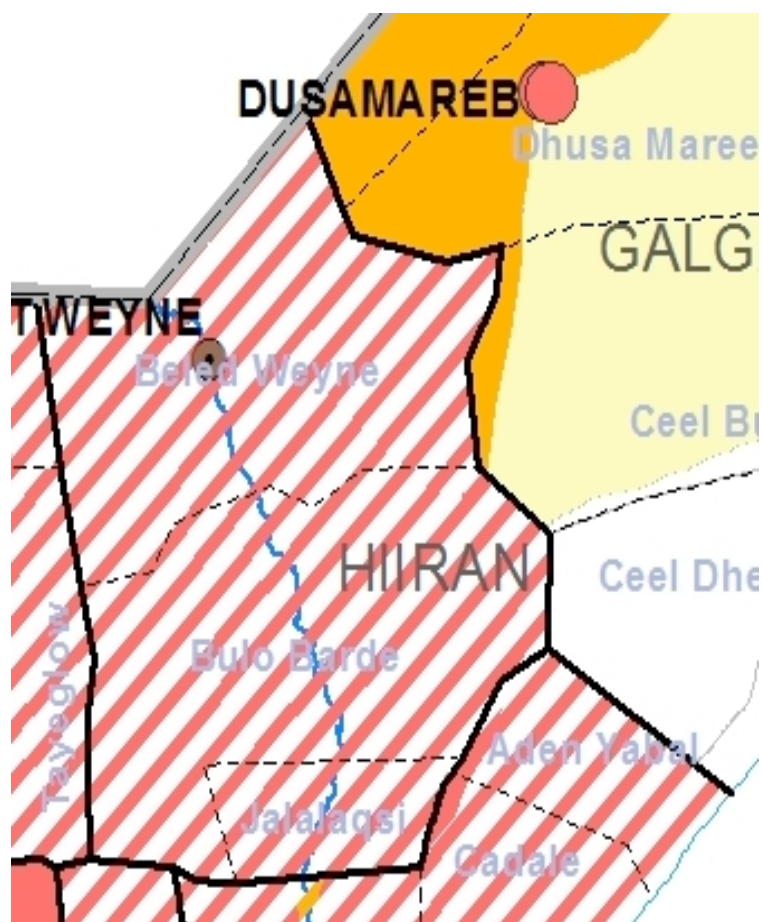


### Factors Influencing the decrease in commercial Import Prices (last six months)

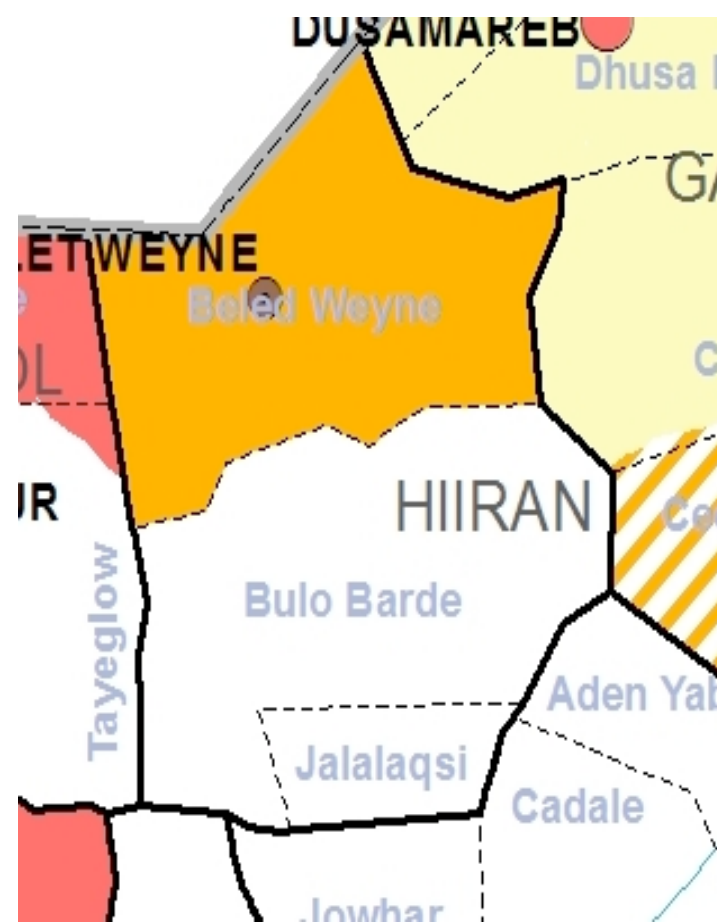
- Appreciated SoSh against the US dollar
- Increased supplies from the Bossaso and Mogadishu Ports
- Increased humanitarian intervention (Mogadishu & Central)

Region	Nutrition Surveys (May– July '12)	Rapid MUAC Screening (% <12.5cm)	Health Information System Info	TFC/OTP/ SFC	Other relevant information – Key driving factors	Summary of analysis and change from Deyr '11/12
Hiran	<u>Hiran Riverine</u> N/A	N/A	High levels (>20%) and increasing trend of acutely malnourished children reported (HIS Jan-May 2012)	N/A	<b>Aggravating Factors</b> Average milk availability Increased cereal and income for households Control/Reduction of disease outbreaks	<u>Hiran Riverine</u> <b>Insufficient data to make a classification</b>
	<u>Hiran Agro-pastoral</u> N/A		High levels 10-15%) and stable trend of acutely malnourished children reported (HIS Jan-Mar 2012)		<b>Mitigating Factors</b> Morbidity persists incidences of diarrhea and measles continue but reduced Poor access to health services persists Poor child care and feeding practices persist Limited interventions	<u>Hiran Agro-pastoral</u> <b>Insufficient data to make a classification</b>
	<u>Hiran Pastoral</u> <b>Mataban District</b> GAM – <b>16.7</b> (13.2-20.8) SAM – <b>4.2</b> (2.3-7.3)  CDR – <b>0.99</b> (0.70-7.41) U 5DR – <b>4.50</b> (3.02-6.64)		No data from health facilities as they are closed		Morbidity- 28.2 (20.5-35.9) Measles Vac - 11.0 Vitamin A Supp - 5.9	<u>Hiran Pastoral</u> <u>(Mataban district)</u> <b>Critical</b>
	<b>Beletweyne District</b> GAM – <b>16.6</b> (11.7-22.9) SAM – <b>3.3</b> (1.7-6.3)  CDR – <b>0.80</b> (0.53-1.22) U 5DR – <b>2.32</b> (1.30-4.11)		-		Morbidity- 63.8 (55.2-72.5) Measles Vac – 12.7 Vitamin A – 20.4	<u>Beletweyne District</u> <b>Critical</b>

**Nutrition Situation, January 2012**



**Nutrition Situation, August 2012**



# HIRAN

## Area Classification Justification Summary

Livelihood	Current (July'12)	Assumption for Projection (Aug-Dec12)
Hiran Agropastoral	<p><b>Crisis</b></p> <p>Food Access: <b>marginally able to meet food needs</b> Malnutrition: Insufficient data</p> <ul style="list-style-type: none"> <li>•Increased milk availability</li> <li>•Decrease (30%) in white sorghum prices (Jan-Jun '12)</li> <li>•Decrease (5%) in the daily labour wage (Jan-Jun '12)</li> <li>•Increase (36%) in ToT daily labour wage and white sorghum (Jan-Jun '12)</li> <li>•Limited saleable animals</li> <li>•Very poor crop production</li> <li>•Reduced income from agricultural labour</li> <li>•Indebtedness (USD 95)</li> <li>•Employing insurance coping strategies</li> </ul>	<p><b>Crisis</b></p> <p>Food Access: <b>marginally able to meet food needs</b></p> <p><b>Positive Factors</b></p> <ul style="list-style-type: none"> <li>•Expected good <i>Deyr</i> rains</li> <li>•Expected increase in livestock assets (although below baseline levels)</li> </ul> <p><b>Negative Factors</b></p> <ul style="list-style-type: none"> <li>•Likely increase in cereal prices</li> <li>•Limited holding of saleable animals (25% of the stock is saleable)</li> <li>•High debt levels likely to sustain</li> <li>•Planned humanitarian assistance is very limited</li> <li>•Constrained access to main markets due to insecurity</li> </ul>

# HIRAN

## Summary Progression of Rural IPC Situation

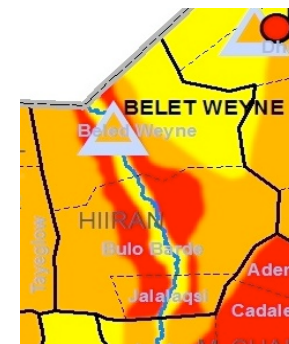
### Current Acute Food Insecurity: Household Group Classification

	Phase 1: None	Phase 2: Stressed	Phase 3: Crisis	Phase 4: Emergency	Phase 5: Catastrophe
SIP		100%P			
Riverine		75%P	25%P		
Agropastoral			75%P	25%P	
Hawd		100%P			

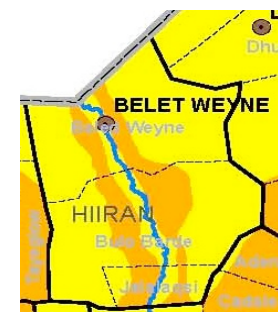
### Projected Acute Food Insecurity: Household Group Classification

	Phase 1: None	Phase 2: Stressed	Phase 3: Crisis	Phase 4: Emergency	Phase 5: Catastrophe
SIP		50%P	50%P		
Riverine		50%P	50%P		
Agropastoral			75%P	25%P	
Hawd		100%P			

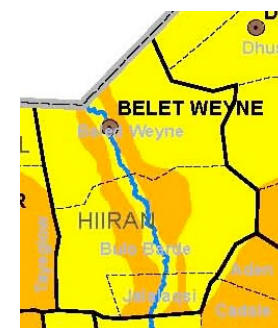
MAP 1: IPC, April 2012



MAP 2: IPC Current July 2012



MAP 3: IPC Projection (Aug-Dec'12)



## Affected Rural Population by Districts - Current

Affected Regions and District		UNDP 2005 Rural Population	Assessed and High Risk Population in Crisis and Emergency				
			Post Deyr Projection		Post Gu 2012		
			Crisis	Emergency	Stressed	Crisis	Emergency
Hiraan	Belet Wayne/Matabaan	135,580	13,000	24,000	14,000	22,000	11,000
	Bulo Burto/Maxaas	88,673	14,000	12,000	10,000	14,000	4,000
	Jalalaqsi	36,445	7,000	4,000	6,000	4,000	1,000
	<b>SUB-TOTAL</b>	<b>260,698</b>	<b>34,000</b>	<b>40,000</b>	<b>30,000</b>	<b>40,000</b>	<b>16,000</b>
<b>Total Affected Population in CRISIS &amp; EMERGENCY</b>			<b>74,000</b>		<b>30,000</b>	<b>56,000</b>	

## Affected Rural Population by Livelihoods - Current

Affected Regions and Livelihood Zone		Estimated Population in Livelihood Zones	Assessed and High Risk Population in Crisis and Emergency				
			Post Deyr Projection		Post Gu 2012		
			Crisis	Emergency	Stressed	Crisis	Emergency
Hiraan	Ciid (Hawd) Pastoral	25,760	0	0	7,000	0	0
	Hiran Agro-Past	136,727	12,000	36,000	0	36,000	12,000
	Hiran riverine	32,633	6,000	0	8,000	4,000	0
	Southern Inland Past	61,511	16,000	0	15,000	0	0
	Destitute Pastoralists	4,067	0	4,000	0	0	4,000
	<b>SUB-TOTAL</b>	<b>260,698</b>	<b>34,000</b>	<b>40,000</b>	<b>30,000</b>	<b>40,000</b>	<b>16,000</b>
<b>Total Affected Population in CRISIS &amp; EMERGENCY</b>			<b>74,000</b>		<b>30,000</b>	<b>56,000</b>	

## Affected Urban Population by Districts - Current

District		UNDP 2005 Urban Population	Assessed and High Risk Population in Crisis and Emergency							
			Deyr 2011/12				Post Gu 2012			
			Stressed	Crisis	Emergency	Total Urban in Crisis and Emergency as % of Urban population	Stressed	Crisis	Emergency	Total Urban in Crisis and Emergency as % of Urban population
Hiraan	Belet Weyne/ Matabaan	36,469	0	15,000	0	41	7,000	7,000	0	19
	Bulo Burto/ Maxaas	22,365	0	9,000	0	40	4,000	4,000	0	18
	Jalalaqsi	10,279	0	4,000	0	39	2,000	2,000	0	19
	<b>SUB-TOTAL</b>	<b>69,113</b>	<b>0</b>	<b>28,000</b>	<b>0</b>	<b>41</b>	<b>13,000</b>	<b>13,000</b>	<b>0</b>	<b>19</b>

## Affected Rural Population by Districts - Projection

Affected Regions and District		UNDP 2005 Rural Population	Assessed and High Risk Population in Crisis and Emergency				
			Post <i>Deyr</i> Projection		Post <i>Gu</i> Projection		
			Crisis	Emergency	Stressed	Crisis	Emergency
Hiraan	Belet Wayne/Matabaan	135,580	13,000	24,000	11,000	25,000	11,000
	Bulo Burto/Maxaas	88,673	14,000	12,000	5,000	19,000	4,000
	Jalalaqsi	36,445	7,000	4,000	3,000	7,000	1,000
	<b>SUB-TOTAL</b>	<b>260,698</b>	<b>34,000</b>	<b>40,000</b>	<b>19,000</b>	<b>51,000</b>	<b>16,000</b>
<b>Total Affected Population in CRISIS &amp; EMERGENCY</b>			<b>74,000</b>		<b>19,000</b>	<b>67,000</b>	

## Affected Rural Population by Livelihoods - Projection

Affected Regions and Livelihood Zone		Estimated Population in Livelihood Zones	Assessed and High Risk Population in Crisis and Emergency				
			Post <i>Deyr</i> Projection		Post <i>Gu</i> Projection		
			Crisis	Emergency	Stressed	Crisis	Emergency
Hiraan	Ciid (Hawd) Pastoral	25,760	0	0	7,000	0	0
	Hiran Agro-Past	136,727	12,000	36,000	0	36,000	12,000
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	Destitute Pastoralists	4,067	0	4,000	0	0	4,000
	<b>SUB-TOTAL</b>	<b>260,698</b>	<b>34,000</b>	<b>40,000</b>	<b>19,000</b>	<b>51,000</b>	<b>16000</b>
<b>Total Affected Population in CRISIS &amp; EMERGENCY</b>			<b>74,000</b>		<b>19,000</b>	<b>67,000</b>	

# HIRAN

## Affected Urban Population - Projection

District		UNDP 2005 Urban Population	Assessed and High Risk Population in Crisis and Emergency							
			Deyr 2011/12				Post Gu Projection			
			Stressed	Crisis	Emergency	Total Urban in Crisis and Emergency as % of Urban population	Stressed	Crisis	Emergency	Total Urban in Crisis and Emergency as % of Urban population
Hiraan	Belet Weyne/Matabaan	36,469	0	15,000	0	41	7,000	7,000	0	19
	Bulo Burto/Maxaas	22,365	0	9,000	0	40	4,000	4,000	0	18
	Jalalaqsi	10,279	0	4,000	0	39	2,000	2,000	0	19
	<b>SUB-TOTAL</b>	<b>69,113</b>	<b>0</b>	<b>28,000</b>	<b>0</b>	<b>41</b>	<b>13,000</b>	<b>13,000</b>	<b>0</b>	<b>19</b>

*The End*