

Northwest Regions: Summary of Key Nutrition Findings in Sool Plateau, East Golis/Gebbi Valley and West Golis/Guban Livelihood Zones, Post Deyr (Nov-Dec)2010-11						
	Sool plateau N=624		East Golis/Gebbi Valley N= 659		West Golis/Guban N= 628	
Indicator	Results	Outcome	Results	Outcome	Results	Outcome
<i>Child Nutrition Status</i>						
Global Acute Malnutrition (WHZ<-2 or oedema)	8.3 (6.0-11.4)	Alert	11.1 (8.0-15.1)	Serious	10.4 (7.6-13.9)	Serious
Boys	11.0 (7.3-16.4)		11.9 (8.2-16.9)		12.5 (9.0-17.2)	
Girls	5.4 (3.5-8.3)		10.1 (6.4-15.6)		8.0 (4.7-13.3)	
Severe Acute Malnutrition (WHZ<-3 or oedema)	1.6 (0.8-3.1)	Acceptable	2.1 (1.2-3.9)	Acceptable	1.6 (0.9-2.9)	Acceptable
Boys	1.8 (0.7-4.6)		2.3 (1.0-5.0)		1.8 (0.8-3.9)	
Girls	1.3 (0.5-3.4)		2.0 (0.8-4.8)		1.3 (0.5-3.5)	
Mean of Weight for Height Z Scores	-0.46	Alert	-0.53	Alert	-0.51	Serious
Oedema	0.6	Acceptable	0.3	Acceptable	0.3	Acceptable
Global Acute Malnutrition (NCHS)	7.9 (5.6-10.9)	Alert	9.9 (7.3-13.2)	Alert	9.4 (6.6-13.2)	Alert
Severe Acute Malnutrition (NCHS)	0.8 (0.3-2.2)	Acceptable	1.1 (0.5-2.4)	Acceptable	0.3 (0.1-1.3)	Acceptable
Acute malnutrition by MUAC (<12.5 cm or oedema)	2.9 (1.7-5.0)	Acceptable	5.8 (3.8-8.6)	Alert	4.1 (2.4-7.2)	Acceptable
Boys	1.8 (0.7-4.6)		4.2 (2.3-7.7)		3.4 (1.7-6.6)	
Girls	4.1 (2.1-7.5)		7.5 (4.8-11.5)		5.0 (2.4-9.9)	
Severe Acute malnutrition by MUAC (<11.5 cm or oedema)	1.3 (0.5-3.1)	Serious	0.3 (0.0-2.4)	Alert	0.5 (0.2-1.5)	Alert
Stunting (HAZ<-2)	10.6 (7.2-15.3)	Serious	12.3 (8.9-16.7)	Serious	6.8 (4.7-9.8)	Alert
Boys	12.6 (8.3-18.6)		12.7 (8.6-18.5)		10.1 (6.9-14.6)	
Girls	8.4 (4.9-13.9)		11.8 (7.8-17.4)		3.3 (1.7-6.5)	
Underweight (WAZ<-2)	10.3 (7.1-14.9)	Serious	12.6 (9.6-16.5)	Serious	7.7 (5.0-11.5)	Alert
Boys	11.7 (7.8-17.4)		15.6 (11.6-20.6)		8.9 (5.6-13.9)	
Girls	8.8 (5.5-13.9)		9.2 (5.9-14.2)		6.3 (3.6-11.0)	
HIS Nutrition Trends(June – December 2010)	Low 10-15% and a stable trend of acutely malnourished children in MCHs	Serious	Low (10-15%) numbers and e fluctuating trend of malnourished children in MCHs	Serious	Low (<5%) numbers and stable trend of malnourished children in MCHs	Alert
Proportion of acutely malnourished children in SFs	6.3	Very Critical	2.7	Very Critical	1.7	Very Critical
<i>Child Morbidity &amp; Immunization</i>						
Disease trends (seasonally adjusted)	Morbidity- 48.9	Very Critical	Morbidity- 43.1	Very Critical	Morbidity- 26.1	Critical
<i>Morbidity refers to the proportion of children reported to be ill in the 2 weeks prior to the survey</i>	Diarrhoea – 19.4		Diarrhoea – 17.8		Diarrhoea – 12.4	
	Pneumonia- 18.0		Pneumonia- 21.4		Pneumonia- 8.8	
Immunization Status	Vitamin A – 60.6	Critical	Vitamin A – 80.9	Critical	Vitamin A- 68.8	Critical
	Measles – 68.9		Measles – 77.1		Measles – 67.5	
<i>Infant and Young Child Feeding</i>	N=206		N=220		N=201	
Proportion still breastfeeding	44.2	Serious	44.5	Serious	20.5	Critical
Proportion meeting recommended feeding frequencies	47.6	Critical	35.0	Critical	47.6	Critical
Proportion who reported to have consumed <4 food groups	24.3	Critical	2.0		13.2	Critical
<i>Death Rates</i>						
Crude deaths, per 10,000 per day 9retrospective for 90 days)	0.45 (0.25-0.80)	Acceptable	0.13 (0.05-0.42)	Acceptable	0.82 (0.56-1.18)	Alert
Under five deaths, per 10,000 per day retrospective for 90 days)	1.1 (0.49-2.47)	Alert	0.30 (0.51-2.99)	Acceptable	0.90 (0.36-2.26)	Acceptable
<i>Women Nutrition and Immunization Status</i>						
Proportion of acutely malnourished non pregnant/lactating women (MUAC <18.5 cm)	N=174	Alert	N=215	Acceptable	N=196	Acceptable
	2.2		0.5		0.3	
Proportion of acutely malnourished pregnant and lactating women (MUAC<23.0)	N=184	Serious	N=180	Serious	N=176	Alert
	19.0		21.7		9.4	
Proportion of Women who received Tetanus immunization	.	Serious	.	Serious	.	Serious
No dose	23.2		17.5		26.4	
One dose	20.4		18.8		22.7	
Two doses	28.2		31.6		30.0	
Three doses	28.2		32.1		22.0	
<i>Public Health Indicators</i>	N= 373		N= 420		N=403	
Household with access to sanitation facilities	66.1	Serious	61.7	Serious	23.8	Very Critical
Household with access to safe water	22.4	Very Critical	49.8	Critical	48.3	Very Critical
<i>Food Security</i>						
Proportion who reported to have consumed <4 food groups	10.1	Alert	6.7	Alert	17.5	Serious
Household's Main Food Source						
Own production	-		-		-	
Purchase	98.7		98.8		98.7	
Food security phase	HE	Very Critical	AFLC	Critical	BFI	Serious
Overall Risk to Deterioration	Stable	Alert	Potential to Deteriorate	Serious	Stable	Serious
<b>Overall Situation Analysis</b>		Alert		Serious		Serious

Northwest Regions: Summary of Key Nutrition Findings Hawd and Nugal Livelihood Zone, Post Deyr(Nov-Dec) 2010-11						
	The Hawd Livelihood Zone (N=655)		Nugal Valley Livelihood Zone (N=516)		Agro-pastoral Zone (N=520)	
Indicator	Results	Outcome	Results	Outcome	Results	Outcome
<i>Child Nutrition Status</i>						
Global Acute Malnutrition (WHZ<-2 or oedema)	10.1 (8.0-12.7)	Serious	10.3 (7.0-14.8)	Serious	10.4 (7.6-14.1)	Serious
Boys	11.2 (8.1-15.2)		10.7(7.1-15.6)		13.2 (9.8-17.6)	
Girls	9.0 (6.6-12.3)		9.8 (5.6-16.6)		7.8 (4.7-12.6)	
Severe Acute Malnutrition (WHZ<-3 or oedema)	1.8 (1.0-3.5)	Acceptable	1.0 (0.4-2.3)	Acceptable	0.8 (0.3-1.9)	Acceptable
Boys	2.5 (1.2-5.1)		0.7 (0.2-3.1)		1.6 (0.7-3.6)	
Girls	1.2 (0.4-3.3)		1.2 (0.4-3.7)		0	
Mean of Weight for Height Z Scores	-0.58 (±1.09)	Alert	-0.63 (±1.14)	Alert	-0.61 (±1.17)	Alert
Oedema	0.3	Alert	0	Acceptable	0	Alert
Global Acute Malnutrition (NCHS)	9.8 (7.5-12.6)	Alert	11.0 (7.6-15.6)	Serious	11.2 (8.1-15.2)	Serious
Severe Acute Malnutrition (NCHS)	1.1 (0.5-2.1)	Acceptable	0.6 (0.2-1.8)	Acceptable	0.2 (0-1.5)	Acceptable
Acute malnutrition by MUAC (<12.5 cm or oedema)	3.1 (1.9-4.8)	Acceptable	4.2 (2.5-6.0)	Acceptable	1.5 (0.6-2.5)	Acceptable
Boys	2.2 (1.0-4.8)		3.7 (1.3-6.1)		2.8 (0.9-4.7)	
Girls	3.9 (2.4-9.9)		4.9 (1.6-8.2)		0.3 (0-1.1)	
Acute malnutrition by MUAC (<11.5 cm or oedema )	0.3 (0.1-1.3)	Alert	1.2 (0.3-2.0)	Serious	0.4 (0-0.9)	Alert
Stunting (HAZ<-2)	6.7 (4.6-9.8)	Alert	17.1 (11.4-22.8)	Serious	8.1 (4.8-13.2)	Alert
Boys	8.7 (5.7-13.0)		19.3 (10.2-28.4)		10.0 (6.0-16.1)	
Girls	4.8 (2.5-9.0)		6.1 (2.4-9.9)		6.3 (2.9-13.0)	
Underweight (WAZ<-2)	7.7 (5.7-10.2)	Alert	9.9 (6.7-13.1)	Alert	9.8 (6.9-13.8)	Alert
Boys	10.9 (8.0-14.7)		11.4 (6.5-16.3)		13.2 (8.9-19.2)	
Girls	4.5 (2.7-7.4)		8.2 (4.1-12.3)		6.7 (3.7-11.7)	
HIS Nutrition Trends (June – December 2010)	Low (<10%) numbers and stable trend of malnourished children in MCHs, with a slight increase in the month of November	Alert	Low (<5%) and increasing trend of malnourished children in MCHs	Alert	Low (<5%) and increasing trend of malnourished children in MCHs	Alert
Proportion of acutely malnourished children in SFs	3.1	Critical	5.1	Critical	1.9	Critical
<i>Child Morbidity &amp; Immunization</i>						
Disease trends (seasonally adjusted)	Morbidity- 21.1	Critical	Morbidity- 40.4	Very Critical	Morbidity- 28.7	Critical
<i>Morbidity refers to the proportion of children reported to be ill in the 2 weeks prior to the survey</i>	Diarrhoea – 6.6		Diarrhoea – 13.2		Diarrhoea – 8.8	
	Pneumonia- 7.0		Pneumonia- 15.1		Pneumonia- 7.6	
Immunization Status	Vitamin A – 63.1	Critical	Vitamin A – 52.5	Critical	Vitamin A – 64.5	Critical
	Measles – 62		Measles – 55.3		Measles – 66.5	
<i>Infant and Young Child Feeding</i>						
	N= 219		N=161		N=202	
Proportion still breastfeeding	36.5	Critical	21.1	Critical	54.5	Serious
Proportion meeting recommended feeding frequencies	65.2	Serious	22.3	Critical	32.1	Critical
Proportion who reported to have consumed >4 food groups	50.7	Serious	17.1	Critical	7.0	Critical
<i>Death Rates</i>						
Crude deaths, per 10,000 per day 9retrospective for 90 days)	0.30 (0.14-0.62)	Acceptable	0.53 (0.32-0.92)	Acceptable	0.16 (0.05-0.55)	Acceptable
Under five deaths per 10,000 per day retrospective for 90 days)	0.63 (0.21-1.92)	Acceptable	0.61 (0.20-1.87)	Acceptable	0.41 (0.10-1.62)	Acceptable
<i>Women Nutrition and Immunization Status</i>						
	N=401		N=302		N= 297	
Proportion of acutely malnourished non pregnant/lactating women (MUAC <18.5 cm)	0.4	Acceptable	2.0	Acceptable	2.0	Acceptable
Proportion of acutely malnourished pregnant and lactating women (MUAC<23.0)	23.8	Serious	22.9	Serious	9.4	Alert
Proportion of Women who received Tetanus immunization	.	Serious	.	Serious	.	Serious
No dose	32.0		45.0		52.7	
One dose	21.3		20.1		18.7	
Two doses	26.8		17.9		17.0	
Three doses	18.9		16.2		11.5	
<i>Public Health Indicators</i>						
	N=405		N=312		N=430	
Household with access to sanitation facilities	45.9	Critical	30.3	Critical	24.8	Critical
Household with access to safe water	3.2	Very Critical	19.9	Very Critical	18.0	Very Critical

<i>Food Security</i>						
Proportion who reported to have consumed <4 food groups	4.9	Alert	17.3	Critical	18.5	Alert
Household's Main Food Source						
Own production	-		-		25.4	
Purchase	98.8		94.4		73.4	
<b>Food security phase</b>	BFI	Serious	BFI	Serious	BFI	Serious
<b>Overall Risk to Deterioration</b>	Potential risk to Deteriorate	Serious	Potential risk to Deteriorate	Serious	Stable	Serious
<b>Overall Situation Analysis</b>	Serious		Serious		Serious	