

# *Post Deyr 2016*



Food and Agriculture  
Organization of the  
United Nations

# Gedo Region Nutrition Situation

19<sup>th</sup> December , 2016

#### Technical Partners



#### FSNAU Funding Agencies



Common  
Humanitarian  
Fund

# Survey Details Deyr 2016

Population surveyed	Type of survey	# clusters	# of household	# of children 6 - 59 m	Boys	Girls
North Gedo Riverine (Jubba pump Irrigation)	Comprehensive WHZ-SMART	27	482	756	391	365
North Gedo Pastoral (SIP)	Comprehensive WHZ-SMART	27	420	760	388	372
Dolow IDPs	Comprehensive WHZ-SMART	28	467	697	366	331
<b>TOTAL</b>		82	1370	2235	1157	1078

# North Gedo Riverine- Juba pump irrigation)

Outcome Indicator	Deyr 15/16 (n=1059)	Gu' 2016 ( n=528)	Deyr 2016 (n=756)
	9 %-	6%	5%
Plausibility score	9 %-	6%	5%
GAM (WHZ<-2 or oedema – WHO	19.5 (16.2-23.4)	16.5 (13.1-20.6)	17.3 (14.1-21.1)
SAM (WHZ<-3 or oedema – WHO	4.0 ( 2.4- 6.6)	2.5 ( 1.2-4.9)	3.0 (1.9-4.8)
Oedema	0.0	0.0%	0.0%
Mean WHZ±SD	-1.08±1.09	-0.93±1.04	-1.02±1.05
Design effect	2.12	1.27	1.49
MUAC (<12.5 cm or oedema)- FSNAU	4.6 ( 3.2- 6.7)	3.8 ( 2.2-6.3)	6.5 (4.8-8.7)
Severe MUAC (<11.5cm) - FSNAU	0.6 ( 0.3- 1.2)	0.4(0.1-1.5)	0.8 (0.3-1.9)
Stunting (HAZ-2) - WHO/UNICEF	9.0 ( 6.8-11.8)	13.6(10.0-18.3)	8.9 (6.5-12.0)
Under weight (WAZ<-2) - WHO/UNICEF	15.3 (12.8-18.2)	14.1 (11.2-17.6)	16.7 (13.3-20.9)
Malnutrition Trends (HIS) - FSNAU	High (>15) and fluctuating trends	High (>15) and fluctuating trends	N/A
Crude death Rate/10,000/day	0.40 (0.25-0.63)	0.21 (0.07-0.57)	0.42 (0.23-0.75)
Under 5 death Rate/10,000/day	0.54 (0.26-1.14)	0.0 (0.0-0.0)	0.78 (0.36-1.70)
OVERALL NUTRITION SITUATION	Critical	Critical	Critical
Morbidity based on 2wk recall ()	14.1	9.0	19.0
Measles	81.7	63.7	62.9
Vit A	74.5	53.9	74.2
FCS		28%Borderline / poor	37% Borderline/Poor
CSI		4.95	13
HHS %			11%
Food Security Phase	stressed	Stressed	Crisis

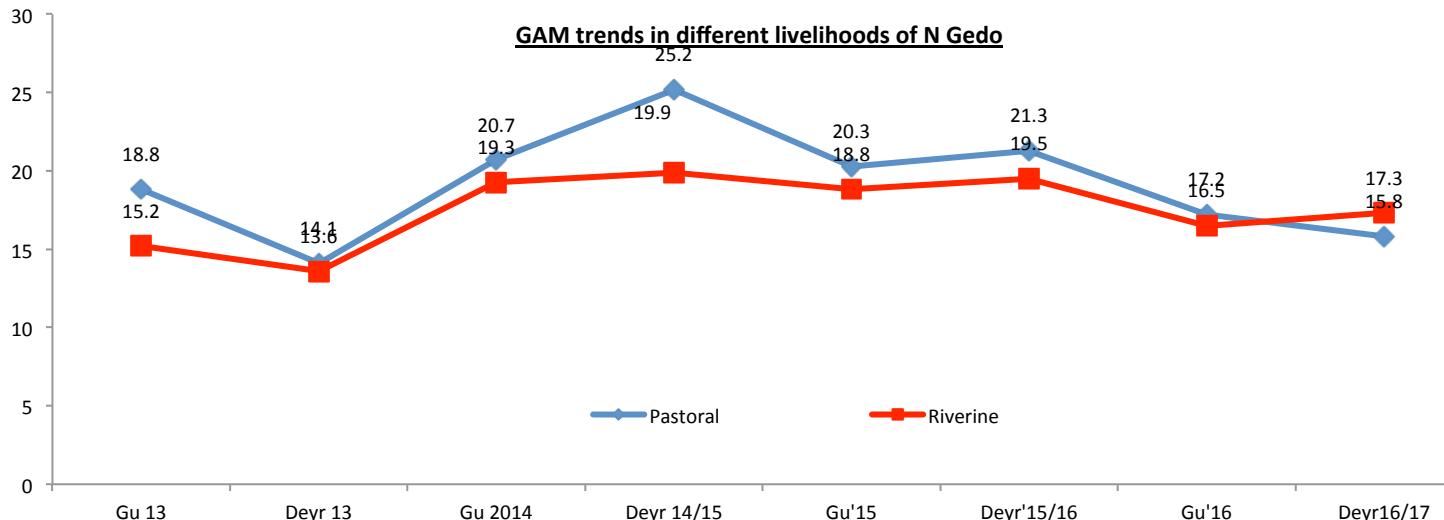


# NUTRITION SITUATION AMONG NORTH GEDO Pastoral

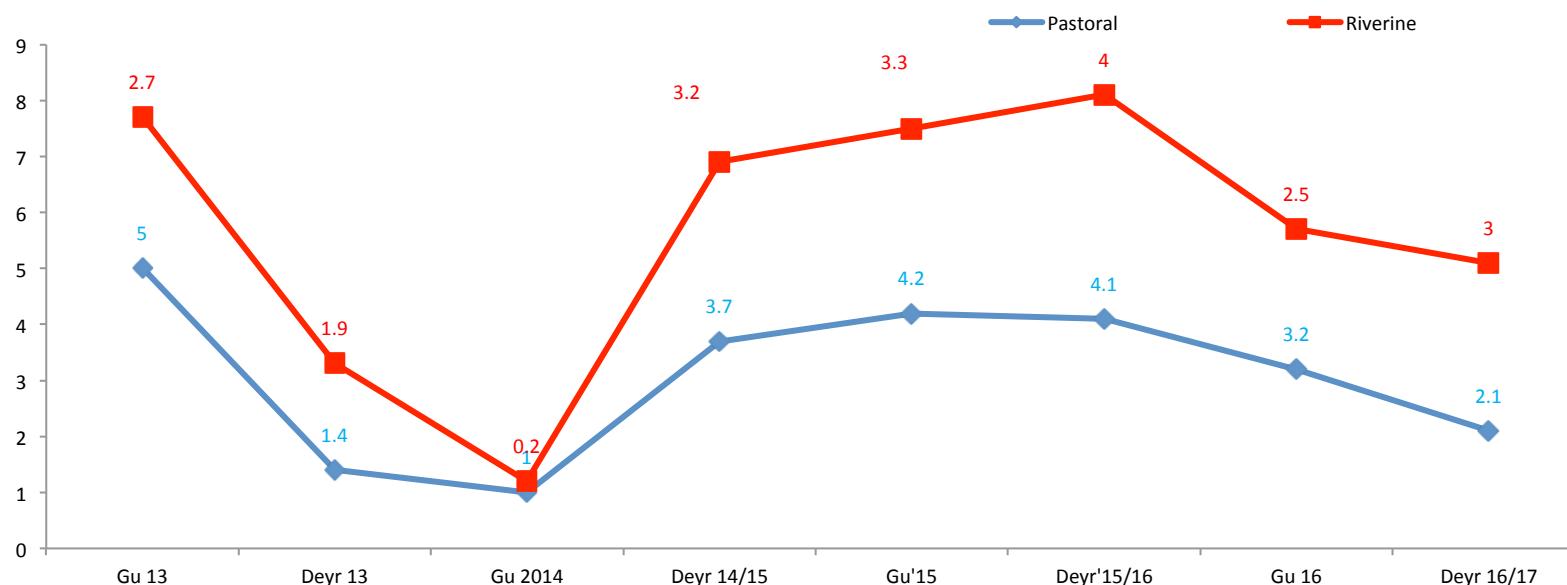


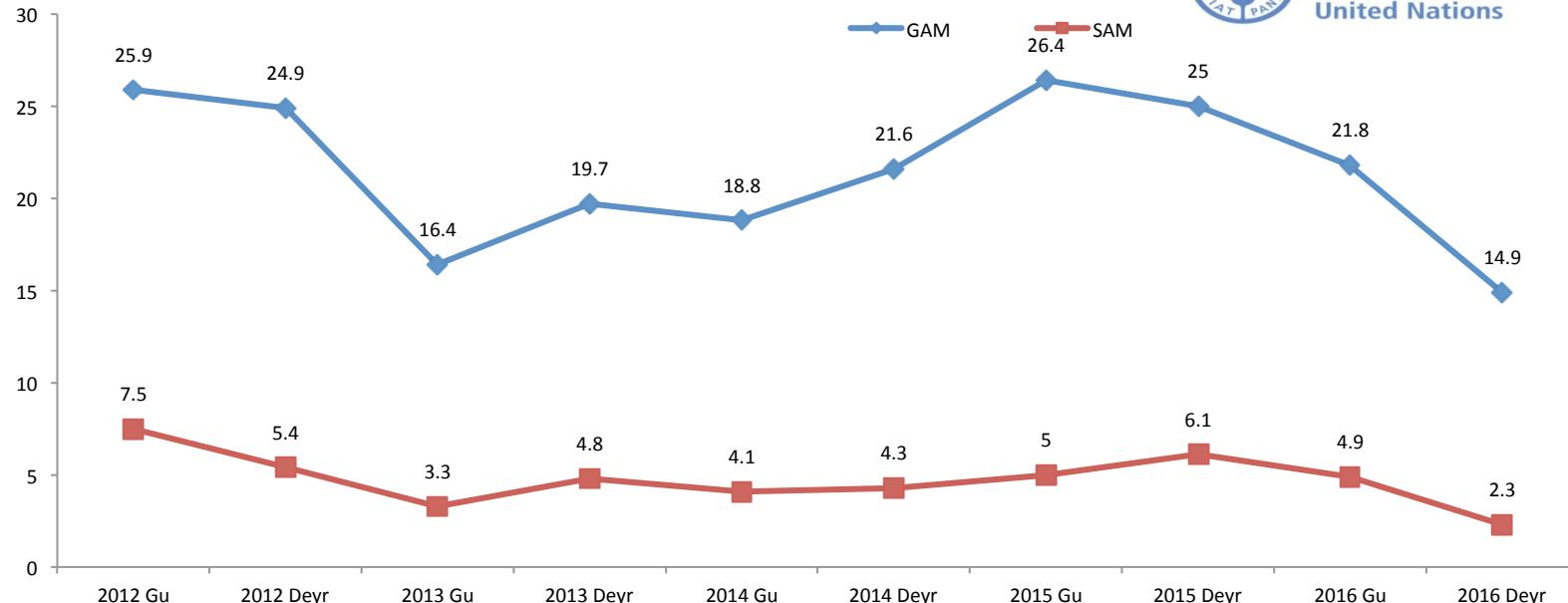
Outcome Indicator	Deyr 15/16 (n=952)	Gu' 2016 ( n=563)	Deyr 2016(n=760)
Plausibility score	8%-	5%	9%
GAM (WHZ<-2 or oedema (WHO)	21.3 (17.4-25.8)	17.2 (13.3-22.1)	15.8 (12.9-19.2)
SAM (WHZ<-3 or oedema - WHO	4.1 ( 2.8- 5.9)	3.2 (2.0-5.2)	2.1 (1.2-3.5)
Oedema	0.0	0.0	0.0
Mean WHz and SD	-1.21±1.06	-0.98±1.07	-0.94±1.11
Design effect	2.38	1.72	1.37
MUAC (<12.5 cm or oedema) –	5.4 ( 3.9- 7.5)	3.0(1.7-5.2)	5.1 (3.7-6.9)
Severe MUAC (<11.5cm) - FSNAU	0.7 ( 0.3- 1.6)	0.4(0.1-1.4)	0.5 (0.2-1.3)
Stunting (HAZ-2)- WHO/UNICEF	9.9 ( 7.4-13.1)	16.2(11.9-21.7)	7.8 (5.8-10.4)
Under weight (WAZ <-2) – WHO	16.2 (13.1-19.8)	15.1(11.8-19.1)	12.5 (10.0-15.7)
Malnutrition Trends (HIS) - FSNAU	High (>15) and decreasing trends	High ( >15) and fluctuating trends	N/A
TFPs/SFPs Admission trends	High level of admissions		
Crude death Rate/10,000/day	0.16 (0.06-0.44)	0.26(0.14-0.49)	0.41 (0.22-0.76)
Under 5 death Rate/10,000/day (	0.30 (0.06-1.37)	0.44(0.13-1.47)	0.87 (0.41-1.81)
<b>NUTRITION SITUATION</b>	<b>Critical</b>	<b>Critical</b>	<b>serious</b>
Morbidity based on 2wk recall ()	17.4	4.7	8.6
Vit A	84.3	50.3	58.9
Measles	91.5	64.2	46.5
CSI	N/A	4.38	20%
FCS	N/A	20% Borderline /poor	39% Borderline/Poor
HHS %			10%
Food Security Phase	stressed	stressed	Crisis

Outcome Indicator	Summary of Finding of Dolow IDPs		
	Deyr '15 (N=700)	Gu' 2016( n=628 )	Deyr 2016(n=697)
Plausibility score	9%	17%	6%
GAM (WHZ<-2 or oedema - WHO/UNICEF	<b>25.0</b> (21.2-29.3)	<b>21.8</b> (17.8-26.5)	<b>14.9</b> (11.9-18.5)
SAM (WHZ<-3 or oedema- WHO/UNICEF	6.1 ( 3.9- 9.5)	<b>4.9</b> (3.6-6.7)	<b>2.3</b> ( 1.2- 4.5)
Oedema	0.0	0.0	0.3
MeanWHz and SD	-1.22±1.15	-1.15±1.11	-0.91±1.08
Design effect	1.49	1.69	1.36
MUAC (<12.5 cm or oedema) – FSNAU	9.8(7.1-13.4)	<b>10.8</b> ( 8.4-14.0)	4.4 ( 2.9- 6.5)
Severe MUAC (<11.5cm) - FSNAU	<b>2.4</b> ( 1.3- 4.4)	3.5 ( 2.2- 5.5)	0.8 ( 0.3- 2.1)
Stunting (HAZ-2) -WHO/UNICEF	26.7 (22.3-31.6)	29.1 (24.5-34.2)	17.8 (14.2-22.1)
Under weight (WAZ <-2) WHO/UNICEF	<b>29.7</b> (25.6-34.2)	29.7 (25.2-34.7)	16.8 (13.4-20.9)
TFPs/SFPs Admission trends	High admissions	N/A	TBD
Crude death Rate/10,000/day (90days)	0.27 (0.14-0.53)	0.42 (0.23-.76)	0.24 (0.12-0.51)
Under 5 death Rate/10,000/day (90days)	0.40 (0.13-1.23)	0.45(0.15-1.37)	0.47 (0.15-1.45)
OVERALL NUTRITION SITUATION	Critical	Critical	Critical
Risk/Underlying Factors			
Disease Outbreaks:	24.3 (15.0-33)	13.4 (8.7-18.0)	<b>8.6</b> (3.9-13.3)
Morbidity based on 2wk recall (%)	Fever-14.5 , Diarr-7.8		Fever-2.9, Diarr-3.3
Vit A/ Measles	64.7 /65.9	79.1 /76.9	69.3 /67.3
HHS %			49
FCS	46 % poor/Borderline	49% poor/Borderline	31% Borderline/Poor
Mean CSI	41	28.5	33 %
Food Security Phase -IPC	<b>Emergency</b>	<b>Emergency</b>	<b>Emergency</b>

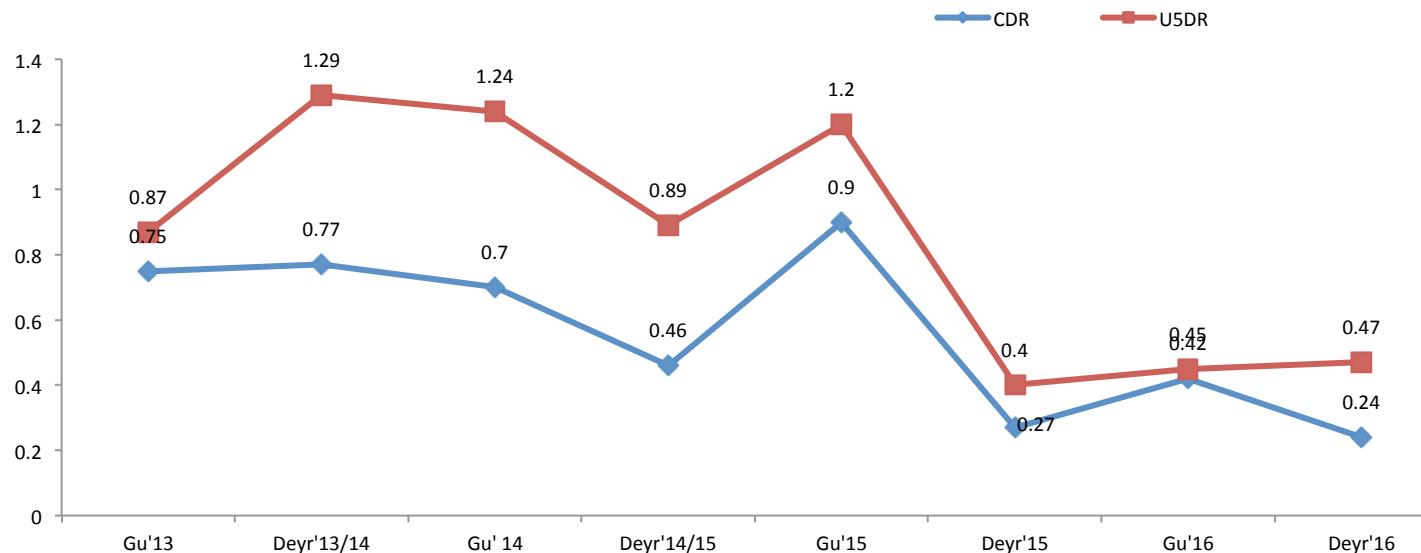


### SAM trends in different livelihoods of N Gedo

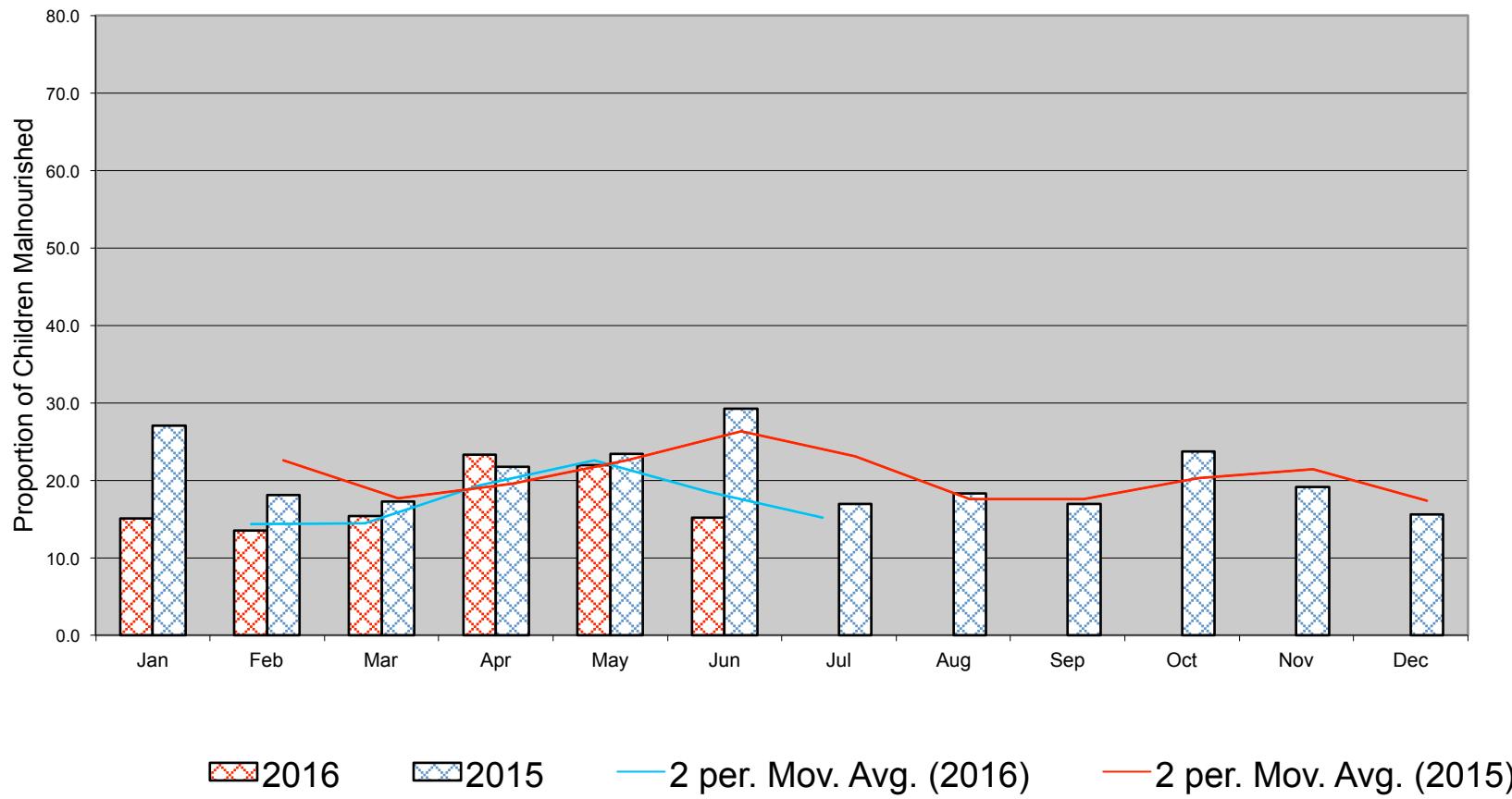




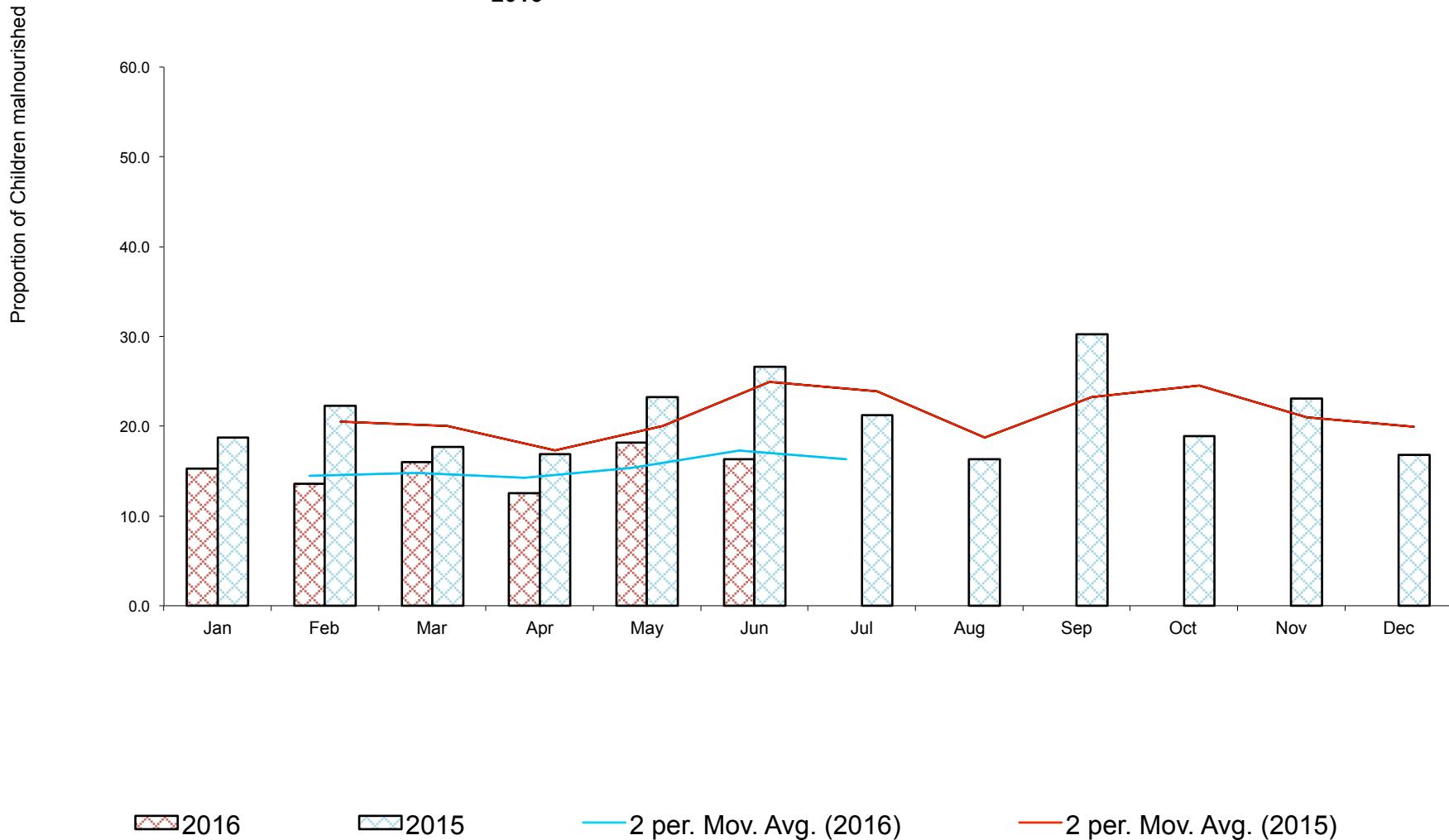
#### CDR and U5DR trends among Dolow IDPs



**Fig 3: HIS Malnutrition Trends in Gedo Riverine MCHs -  
2016**

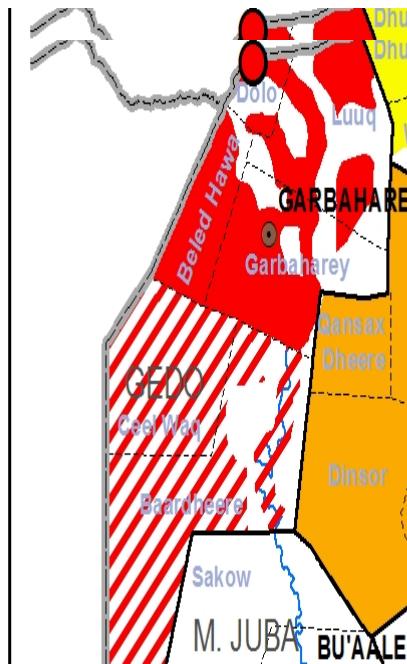


**Fig 1: HIS Malnutrition Trends in Gedo Pastoral MCHs - 2016**

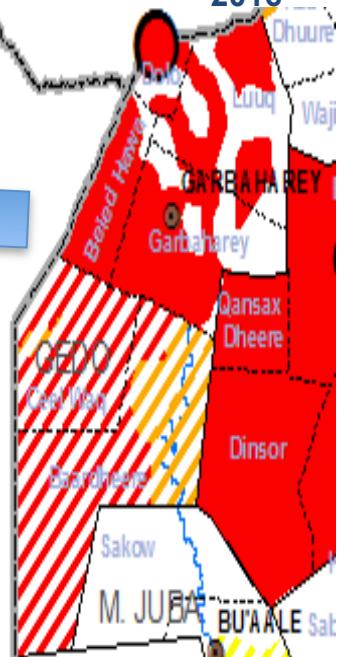


Area	Aggravating factors	Mitigating factors
North Gedo JPI and SIP	<ul style="list-style-type: none"><li>Poor health seeking Practices</li><li>Suboptimal child feeding .</li><li>Low VA and measles Vac coverage 58.9/46.5% ,62.9/74.2% ,in Pastoral and Riverine respectively.</li><li>Limited health facilities and profession of health care.</li><li>Limited Humanitarian</li><li>Decreased Milk Consumption</li><li>Livestock migration is Abnormal.</li><li>Livestock body condition is Poor.(SIP)</li><li>Increase debt levels.(40 USD To 110 USD (SIP)</li><li>High price of Migration costs. (SIP)</li></ul>	<ul style="list-style-type: none"><li>Low morbidity 8.6 /19.0% in Pastoral and Riverine</li><li>Higher opportunity of fodder sales. (Riverine)</li><li>Cash crop harvest is average production.</li><li>Cash voucher, food vouchers.</li></ul>
Dolow IDP	<ul style="list-style-type: none"><li>Low Immunization Coverage(Vitamin A, and Measles vaccination 69.3 /67.3</li><li>High vulnerability to food insecurity (mostly expenditures on food – Qualitative information.</li></ul>	<ul style="list-style-type: none"><li>Decreased Morbidity – 8.6%</li><li>Increased intervention - ongoing interventions by WFP,UNICEF, WVI</li><li>Cash vouchers (Safety net) and OTP / TSFP intervention.</li><li>labor opportunities from Dolow town and Ethiopian side.</li></ul>

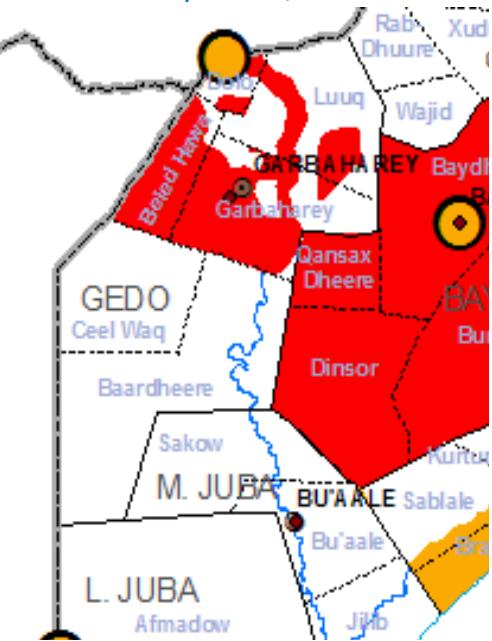
Nutrition Situation Estimates,  
DEYR 2015/16



Nutrition Situation- Gu,  
2016



Nutrition Situation Estimates,  
Deyr 2016/17



### The nutrition situation:

- Sustained Critical since Deyr'15/16 in **Southern Inland Pastoral (North Gedo)**, Riverine, LZs,, while Improvements of Dollow IDPs from Critical to Serious

■

Projection- Feb–Aprile 2017

*The nutrition situation in Gedo region is likely to remain in Same phases till Feb - Aprile due to high seasonal morbidity levels, Insecurity ,Low access to humanitarian health and nutrition assistance.*

# Acknowledgements

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- DIRECT AID
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- GEWDO
- Local Authorities
- Survey area committees
- Survey Teams



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*Thank You*