



HEALTH CLUSTER BULLETIN # 11

30 November 2018



A clinical officer attending to a patient. Photo: IHO.

South Sudan Emergency type: Complex Emergency Reporting period: 1 – 30 November

5.1 MILLION PEOPLE IN HEALTH NEED

2.4 MILLION TARGETED

1.96 MILLION DISPLACED

2.1 MILLION REFUGEES

HIGHLIGHTS

Cumulative analysis for the year 2018

- **Improving Health Access and Scaling up Responsiveness**

18 mobile teams were deployed in hard to reach areas to conduct Inter-cluster Rapid Response Mechanisms- ICRM-RRM activities.

16,898 normal deliveries attended by skilled birth attendants.
- **Emergency WASH in Health Facilities in Conflict Affected Locations**

749 health workers trained on disease surveillance and outbreak response.

142 health workers trained on integrated health (WASH and Nutrition) response.

404 health facilities are equipped with functional incinerators.
- **Quality Essential Clinical Health Services**

182 health workers trained on clinical management of rape (CMR).

259 sexual and gender based violence (SGBV) survivors referred to the health facilities.
- **Improving Resilience- Mental Health Response**

514 health workers trained on mental health and psychosocial support (MPHSS) in conflict affected areas.

HEALTH SECTOR

	43	HEALTH CLUSTER PARTNERS EARMARKED IN HRP TO IMPLEMENT HEALTH RESPONSE
MEDICINES DELIVERED TO HEALTH FACILITIES/PARTNERS		
	101	ASSORTED EMERGENCY MEDICAL KITS (CORE PIPELINE)
HEALTH CLUSTER ACTIVITIES		
	476 777	OPD CONSULTATIONS
VACCINATION		
	16 286	CHILDREN (6-59 MONTHS) VACCINATED AGAINST MEASLES
EARLY WARNING ALERT AND RESPONSE NETWORK		
	41	EWARN SENTINEL SITES
FUNDING \$US		
	130 M	REQUESTED
	42.6 M	FUNDED
	87.4 M	GAP

Key Context Update

- A joint EVD external monitoring team assessed the country's EVD preparedness and response status. The team completed the consolidated preparedness checklist and road map with the next steps.
- While Ebola preparedness measures are fully underway, insecurity and poor road conditions in areas such as Libogo and Otego in Yei County have challenged access in order to identify potential screening points. Planning started for a security assessment and access negotiation mission on the Yei-Maridi road to facilitate activities.
- The Ministry of Health held a validation of Standard Operating Procedures to enhance EVD preparedness and response.
- Entry screening of travellers into South Sudan continues in all the 18 designated sites with support from health cluster partners including WHO, International Organization for Migration (IOM), SCI, World Vision International South Sudan (WVISS). However, the porous entry points remain a major threat.
- The MOH and partners launched the mass distribution of LLINs in Western Equatoria and Western Bahr el Ghazal states where 855,000 nets are targeted for distribution.

Public Health Risks and Key Gaps

- As at the end of November 2018, completeness for IDSR reporting at county level was 79% while completeness for EWARS reporting from the health facilities serving IDPs was 72%.
- Malaria remains the top cause of morbidity and mortality that accounts for 63.8% of cases as at the end of November, 2018. Consequently, trend analyses show that 21 counties in 6 state hubs have malaria trends that are significantly higher than expected. Counties with malaria trends that exceed the threshold (third quartile of trends for the period 2013-2017) include:
 - Aweil hub (Aweil Center, Aweil East, and Aweil West);
 - **Rumbek hub** (Cueibet, Rumbek Center, Rumbek East, Rumbek North, Wulu, Yirol East, Yirol West);
 - **Kuajok hub** (Abyei, Gogrial East, Tonj East, Tonj South, Tonj North, and Twic Mayardit);
 - **Bentiu hub** (Abiemnhom, Mayom, and Panyijiar); and
 - **Juba hub** (Terekeka)
 - **Malakal hub** (Melut)
- A new outbreak of measles has been confirmed in Bor PoC after 3 measles IgM positive cases were reported on 12/11/2018. The initial two cases were new arrivals to the PoC from Akobo.

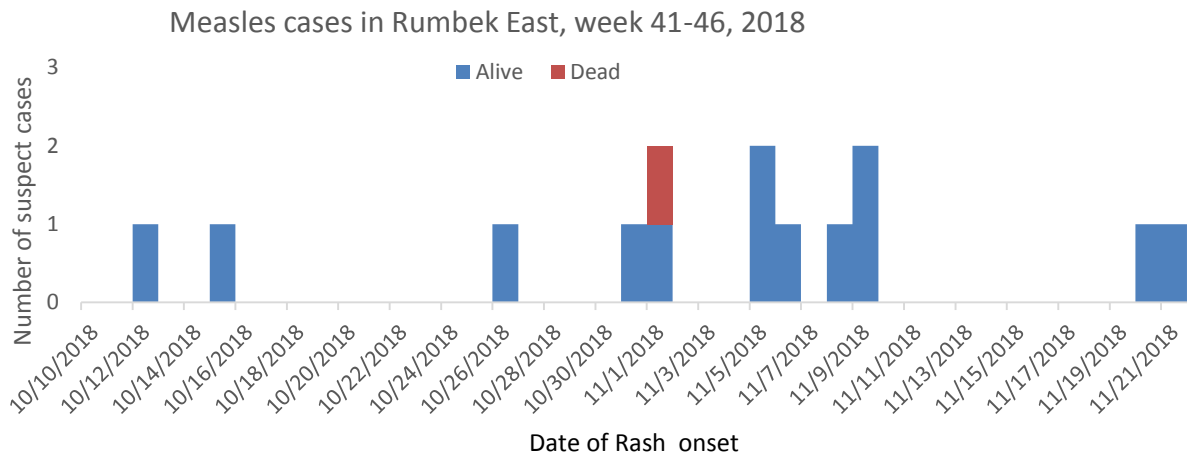
Yellow Fever in Nzara County

- On 23 November 2018, a suspect EVD case was reported in Sakure, Nzara County, Gbudue state. The 25 year old farmer's illness started on 18/Nov/ 2018 two days after traveling to Bangadi, DR Congo when he presented with fever, body weakness, and vomiting of blood. He returned to South Sudan on 23 November 2018 and was retained at Sakure border screening post.
- The rapid response team investigated and collected samples from the case on 24 November 2018. The preliminary GeneXpert test results were negative for Ebola Zaire and follow up PCR testing was negative for all Ebola species, Marburg, Rift Valley Fever, Crimean Congo Hemorrhagic Fever, and Sosuga viruses.
- Further testing of the sample at UVRI using Taqman Array Card platform and YF-specific PCR assay confirmed that the sample was PCR positive for Yellow Fever Virus.
- A yellow fever outbreak was then declared by the Ministry of Health on 29 November, 2018. A

comprehensive risk assessment is underway.

Confirmed Measles Outbreak in Rumbek East

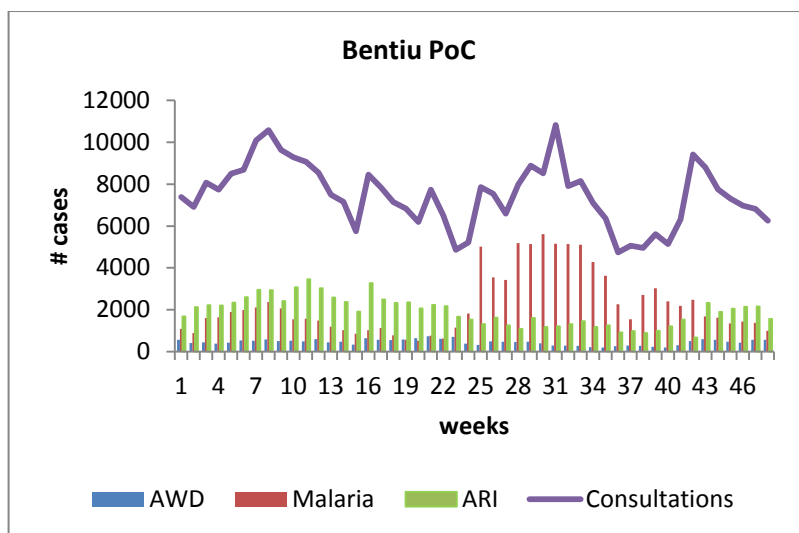
- Suspect measles cases reported from Mabor Duang village, Aduel payam in Rumbek East where the initial suspect case was a 38 year female whose illness started on 12 October 2018 in week 41. The affected village is served by Mabor Duang PHCC.
- Since 20 October 2018, at least 15 cases including 1 death (CFR 8.3%) have been reported. All the suspect cases are from one village and payam and have never received measles vaccine. Ten (92%) cases were under 5 years of age. A total of 11 samples collected and 9 samples tested positive
- Recommended responses included active case search and line listing and community sensitisation on routine immunization. And prioritization of affected payam for periodic intensified routine immunization.



Age	female	Male	Total cases	Percentage
<5yrs	3	7	10	92%
5+yrs	1		1	8%
Total cases	4	7	11	100%

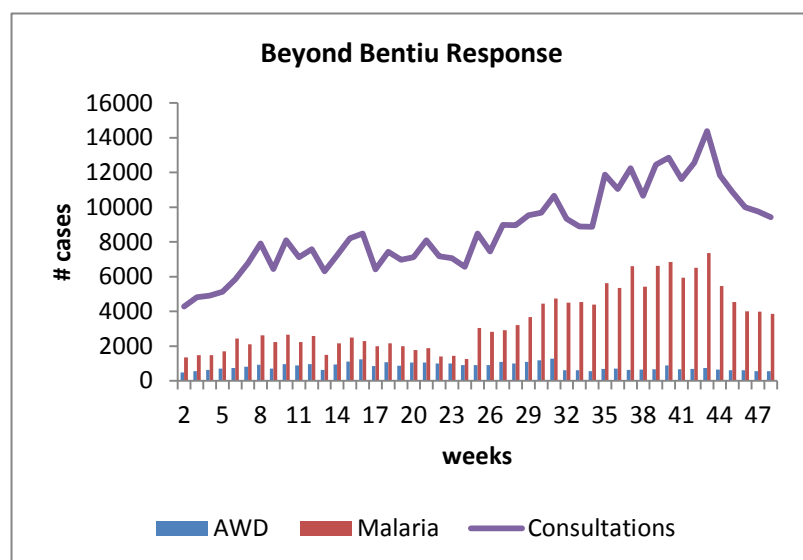
Bentiu PoC

- Under 5 mortality rate = 0.13/day/10,000 (Emergency threshold: 2/day/10,000).
- Crude mortality rate = 0.14/day/10,000 (Emergency threshold: 1/day/10,000).



Beyond Bentiu Response

- NIDs R3 conducted during the month which saw 388,543 children vaccinated throughout the state.
- Training on Form 8 was conducted for GBV sub-cluster members as it was identified as one of the barriers for survivors to seek care.
- IRC and UNFPA conducted a trainings for midwives on CMR and post abortion care and family planning
- IOM supported UNMISS in conducting face-to-face training for security guards on Ebola.



Progress on Health Cluster Work Plan

- Inform Health Cluster (HC) and humanitarian country team (HCT) strategic decision making: Health cluster raised awareness to Inter-cluster working group (ICWG), HCT and the Humanitarian Response Plan (HRP) process on including support for EVD preparedness in South Sudan as part of a potential emergency. The HC and HCT prioritized and availed US\$ 2M to support the immediate activities on preparedness and risk mitigation for the importation of EVD into South Sudan.

Partner Implementation Key Highlights

- **LiveWell** – conducted over 13,481 consultations (183 IPD and 13,298 OPD) (43.7% of which were under five years); 1,240 children received measles vaccination (977 of which received during measles outreaches), 1,153 received Penta3, 2,188 children received Vitamin A supplementation, 1,718 children attended MUAC screening for malnutrition, and 639 children received deforming tablets; 857 attended 1st and 4th ANC visits, 578 pregnant women received TT vaccination, 117 health facility deliveries conducted, 291 women received safe & clean delivery kits at Boma Hospital and Pibor PHCC, 24,634 people reached with health education and promotion messages in Pibor, Boma, and Twic East Counties, 32 hygiene promoters trained in Pibor, six community meetings conducted to strengthen the utilization of reproductive health services in Twic East, Pibor and Boma Counties; conducted five monitoring visits and coordinated the evacuation of three gunshot wound to Juba Military Hospital from Boma Hospital.
- **Community in need aid (CINA)** - trained 10 (in Basanabaru, in Bavuru bomas of Tambura County) community-based health care on Integrated Community Case Management (iCCM), provided iCCM drugs (4000 tabs of amoxicillin 250mg, 500 blisters of ACT, 2000 sachets of ORS) for one month, 8 MUAC tapes and reporting registers for home-based treatment of uncomplicated malaria, pneumonia, diarrhoea and screening children for malnutrition; a total of 136 people (76 women, 40 men and 20 children) reached with health education on prevention and control of diarrhoeal diseases, advantages of exclusive breastfeeding for children less than six months of age, danger signs in pregnancy.
- **The Rescue Initiative South Sudan (TRI-SS)** – conducted 421 inpatient consultation, 398 outpatient consultations in Pajok PHCC and Ofiriha PHCU, 18 pregnant women attended ANC services, trained 14 health workers on infection prevention and control and integrated disease surveillance and response in Magwi county, a total of 741 people reached with health education messages on disease prevention.
- **Impact Health Organization (IHO)** - reached 2,055 individuals including boys, girls, men and women with health education; conducted 1,642 consultations (210 children under five years); treated 492 uncomplicated cases of malaria with ACTs both under five and above five; 997 individuals tested with malaria RDTs of which 232 tested positive for malaria; 2 deliveries were supported by a skilled mid-wife; 64 pregnant women attended ANC services, 110 pregnant women and children under 5 years were screened for SAM and MAM, 22 children received measles vaccination, trained 14 health workers (12 males and 2 females) on IDSR and integrated WASH, Health and Nutrition services from Kodok town, reached a total of 8,078 children under five with polio vaccination, 7,332 with Vitamin A and 7,628 deworming and 2 individuals benefited from psychosocial support.
- **UNICEF** - rapid response mission (RRM) was conducted in 5 locations, 2 in Unity state, 2 in Jonglei state and 1 in Western Equatoria state. During the RRM, 6,202 (male 3069 and female 3133) children 6months- 15years vaccinated against measles, conducted 3,437 (1801 children under 5), 3,216 pregnant women provided with Tetanus Toxoid, distributed 2,300 long-lasting insecticidal nets (LLINs).
- **IOM** – continuous its active involvement in Ebola Virus Disease (EVD) preparedness activities with support from USAID. IOM have been operating seven points of entry (PoE) screening sites at border points and points of control in Yei Airport, Yei RRC, Kaya, Okaba, Tokori, Khorijo, and Pure and have screened a total of 49,865 individuals in the reporting period. The eight sites in Bazi is soon to be



established in January. IOM is actively conducting assessments to identify up to six additional PoE screening locations for the coming weeks.

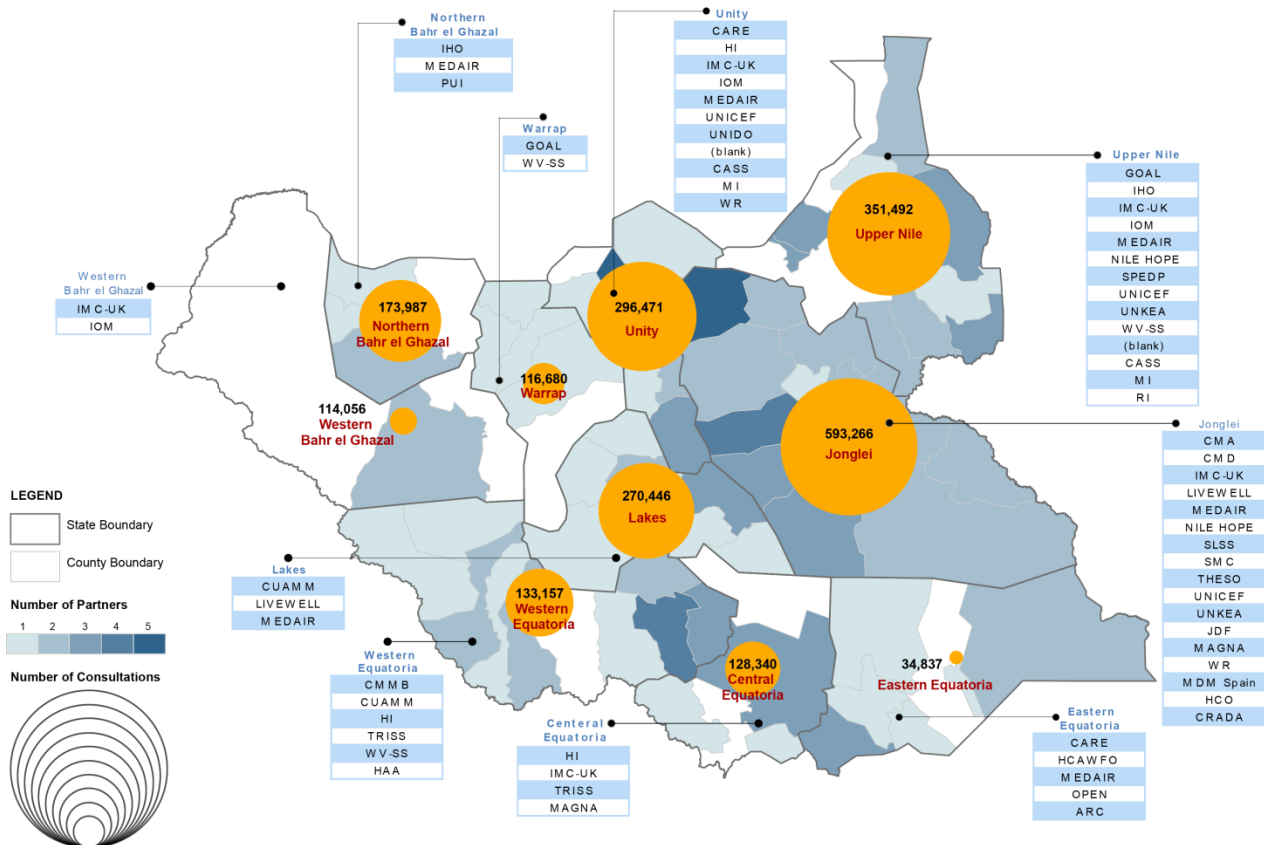
- **Health Action AiD (HAA)** – conducted 490 curative consultations, provided 44 antenatal care, conducted 2 delivery by skilled birth attendants, treated 14 diarrhoea cases, treated 102 malaria cases, distributed 28 condoms, 1,131 patients received ACT Amodiaquine in Dosho Primary Health Care Unit (PHCU) Kediba Payam Mundri East County; conducted 850 curative consultations, 37 deliveries supported by skilled birth attendants, treated 182 malaria cases, diagnosed 720 patients for malaria using RDTs treated 50 pneumonia cases, treated 87 diarrhoea cases with ORS and 988 condoms distributed in Kediba PHCC Mundri East County. In addition, HAA conducted 571 curative consultations, 71 antenatal care, conducted 23 delivery by skilled birth attendants, treated 33 diarrhoea cases, treated 491 malaria cases, distributed 51 condoms, 847 patients received ACT Amodiaquine in Goribalau PHCU Mundri Kotobi Payam Mundri West.
- **Christian Mission for Development (CMD)** - conducted a total of 19,790 curative consultations (9263 under 5 and 10,527 being 5 years and above), 56 children received Penta1 and 38 received Penta3, 222 pregnant women were seen for ANC 1st visit and 110 for ANC 4+ visits, 66 women were delivered in the health facility by skilled birth attendants, 38 health workers were trained on BEmONC and 26 health workers were trained on vaccine and cold chain management, conducted three supportive supervisions using the quantified supervisory checklist (QSC) in Jiech, Mogok PHCCs and Kharmun PHCU, 2 community engagement meetings were conducted to enhance community participation and health service uptake in Jiech and Mogok, conducted 58 community meetings, sensitized 2,927 people (1,722 females and 1,205 males) and conducted one support supervision to the County Supervisors in Ayod County, Jonglei State.
- **International Medical Corps' (IMC)** – provided outpatient department consultations to a total 32,532 patients (14,894 children under the age of 5 years), routine immunization centres reached 330 children under the age of one year with measles vaccination, a total of 4,089 people were reached with HIV, sexual and reproductive health (SRH) and gender based violence (GBV) information and services, Mental Health and Psychosocial Support team have seen 60 new clients and provided follow up services to 573, stabilization center in Juba PoC treated at total of 9 children under the age of five years of SAM cases with medical complications, reached 430 pregnant women for ANC 1 and 244 for ANC 4, Skilled birth attendants conducted a total of 324 deliveries across the IMC operated maternity/health facilities, performed 65 major surgeries including nine caesarean sections in Malakal and Juba PoC operation theatres, a total of 324 new mothers received postpartum care, modern family planning methods have been accepted by 102 new clients.
- **MAGNA** – conducted 524 (228 male, 296 female) curative consultations, 49 ANC clients received 4th dose of tetanus toxoid (TT) vaccination, 1,428 (723 male, 705 female) children under 5 years old screened for malnutrition, 5 (3 male, 2 female) children under 5 years old with severe acute malnutrition with medical complication treated in stabilization centre.
- **The MENTOR Initiative** – conducted case management training on malaria and other vector borne diseases (VBDs) for health workers from health facilities run by different implementing partners in Maban refugee camps (Batil, Gendrassa, Kaya and Doro), in Jamjang refugee camps (Ajuong Thok and Pamir) and adjacent government run health facilities, carried out assessment visits in refugee camps (Maban and Jamjang) and in PoCs of Bentiu and Malakal for mosquito larvae and application of larviciding in the potential breeding



sites, carried out the entomological surveillance activities in Bentiu and Malakal PoCs.

- **UNIDO** - conducted 17,211 (5,891 under five) curative consultation, provided 309 antenatal care, 34 deliveries attended by skilled birth attendants.
- **WHO** - conducted Rapid Response teams training in high-risk states as well as former Western Bahr el Ghazal, Jonglei and Upper Nile targeting over 250 – as part of the EVD preparedness activities, deployed 15 international and 8 national consultants to support the EVD preparedness activities, trained 35 health workers from Rumbek on Integrated Surveillance and Response (IDSR) and another 30 training of trainers (ToT) in Yei River State, continues to track malaria incidence trends, through malaria epidemic thresholds monitoring and supporting partners in responding to drug stock outs with a focus in Northern Bahr El Ghazal, Upper Nile, Western Bar El Ghazal, Warrap and Lakes, supported the integrated campaign in four counties in Upper Nile with 11,831 vaccinated with Measles, 20,609 with bOPV, and 32,124 with the Meningitis vaccine, sensitized 22 health workers from including field supervisors in Northern Bahr el Ghazal on AFP, measles surveillance, intensified surveillance at Malakal POC following detection of three suspected measles cases, provided essential surgical supplies to support trachoma and cataract surgeries to benefit over 200 patients in Jonglei, supplied 2 cartons of IEHK Basic units without antimalaria modules, 2 cartons of Mama deliveries kits, to Isohe Hospital in Eastern Equatoria, conducted a three-day training of journalists and reporters to strengthen their capacity for effective communication and reporting of EVD and other health emergencies.
- **John Dau Foundation (JDF)** – conducted 10, 400 consultations; 5 503 children received malaria treatment, 12300 people reached with health education, 2,400 children reached with integrated community case management (ICCM) services, 2200 under five children screened for SAM and MAM, 150 mothers attended by skilled birth attendants,. John Dau Foundation (JDF)with support from UNICEF trained 20 volunteers on EPI vaccination and vaccine management in Duk County to implement mass vaccination campaign, a total of 1 400 children were vaccinated against vaccine preventable diseases, 900 pregnant and women of childbearing age received tetanus toxoid while 700 pregnant mothers received antenatal care services, 300 pregnant women counseled and tested for HIV, 20 mothers counseled and enrolled in family planning, 700 long lasting insecticidal nets (LLINs) distributed to pregnant women and children under one year old.
- **The Rescue Initiative South Sudan (TRI-SS)** - conducted a total of 421 consultations, 18 antenatal care, reached 741 (240 male and 504 female) people reached with health education messages on disease prevention in Pajok PHCC and Ofiriha PHCU and 14 health workers on infection prevention and control and integrated disease surveillance and response in Magwi County and procured and delivered supplies to Pajok PHCC to re-establish the center.

DISTRIBUTIONS OF CONSULTATIONS AND PARTNERS



Pipeline distribution: Measles Vaccines

Month	DESTINATIONS / ALLOCATION		No. of doses
	State	County	
NOVEMBER 2018	CES	Juba	38,000
	EES	kapoeta	9,000
	Lakes	Rumbek	8,000
	Unity	Rubkona	20,000
		Pariang	8,000
		Nyal	2,000
		Ganyiel	3,000
		Mayom	5,000
		Abiemnhom	2,000
		Abiemnhom	2,000
		Yambio	10,000
	WES	Mundri	1,000
		Jonglei	Pibor
	Jiech Ayod		2,500
	Gorwai		2,000
	Bor		25,000
	Kurwai		500
New Fangak	1,000		
Upper Nile	Renk	1,000	
	Longuchuk	8,500	
Total		154,500	
December 2018	Jonglei	Boma	1,000
	NBEG	Aweil	7,000
	Upper Nile	Maiwut-MSF-Holland	160
	EES	Torit	7,500

	Lakes	Rumbek	62,000
	Upper Nile	Renk	2,000
	WES	Mundri-East	1,000
		Yambio	3,000
	TOTAL		83,660

Implementation Challenges

The HC has reached out to the donor community on the low funding towards the health HRP.

The Health cluster Co- coordinator position is vacant as the hosting organization has run out of funds.

The health cluster is concerned about South Sudan Humanitarian Fund (SSHF) directive of not funding the core pipeline. The cluster will continue engagement on this issue for a resolve.

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