

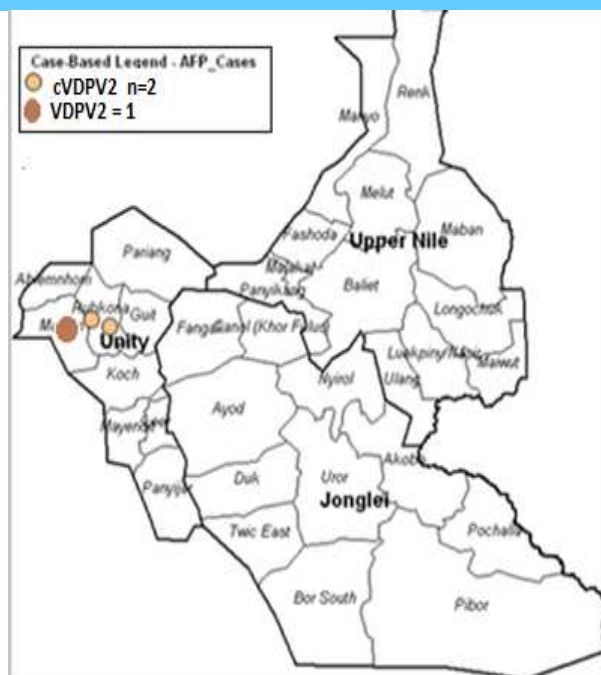


## South Sudan cVDPV2 Outbreak Response

### Situation Report #31 25 August, 2015

#### 1.0 Highlights

- The security situation is unpredictable with reports of armed incidences in northern part of Upper Nile, southern part of Central Equatoria and eastern part of Western Equatoria.
- No new case of VDPV was reported this week.** A total of three old cases of Vaccine-derived Polio Viruses (VDPV) have been reported comprising two cVDPV2 and one VDPV2 **yet to be classified**, which is also the most recent case notified on 11 June 2015 with the date of onset on **19 April 2015 from Mayom county, Unity State;**
- Results of the 27 Contact Samples of the most recent VDPV case in Mayom County, have not been received. The samples were shipped on 10 August 2015 to UVRI.
- Summary of the results of children (0 – 15years) reached show: 1,363,886 for first Round; 932,620 for Round 2 and 560,110 in Round 3;
- NPAFP rate for the 3-conflict affected states is 1.71/100000 U15yrs and Stool Adequacy rate 89%;
- For the first time, Bentiu and Rubkona towns have been reached with OPV and MCV



#### 2.0 Surveillance Update

- No new case of VDPV was notified in this reporting week. To date a total of 3VDPVs have been confirmed of which 2 were cVDPV2 from Rubkona and one VDPV2 yet to be classified, from Mayom all in Unity State. The date of onset of the most recent case was 19 April 2015, 11month old male with no history of vaccination from Turach village, Tharganah payam, Mayom County, Unity State.

**Investigation of VDPV case Mayom:** Preliminary findings from the Assessment conducted in Mayom County from 19 – 20 June 2015 are:

- Index case with zero OPV doses found with residual flaccid paralysis, in an unvaccinated community since December 2013
- Routine immunization service not provided in the 10 functional PHC units recorded in county since December 2013 due to weakened health system, especially disruption of cold chain network
- Scarcity of human resource capacity and social mobilization service at the CHD and health care units
- Recurrent internal displacements due to arm conflict was indicated by the county authorities.

**Contact Samples of VDPV case in Mayom:** A total of 29 samples of which 2 were follow-up samples of the VDPV case and the rest, 27 contact and community samples are still pending results following shipment to the Uganda Virus Research Institute on 10 August 2015.

- 2. Status of Surveillance Strengthening Activities:** Following the conduct of National ToT on AFP Surveillance for partners held in June 2015, cascading of the training to Field stations of NGOs the will commence in August 2015. Nine Training points have been identified in the three states for the 32 counties. Funds and Training materials available. Planned training points are detailed in Table 1 below

**Table 1: Plan Training of NGOs at Field Stations in the 3-conflict states**

State	Training point	Participating counties	Date of Training	Comment
Unity	Abiemhnom	Pariang, Mayom and Abiemhnom	TBD in Aug.	
	Leer	Leer, Koch, Mayendit	TBD in Aug.	<b>Insecure</b>
Upper Nile	Pagak	Maiwut, Ulang, Nasir, Longichuk	TBD in Aug.	
	Malakal	Malakal, Fashoda, Baliyet, Akoka, Panyikang,	TBD in Aug	<b>Insecure</b>
	Renk	Renk, Maban, Melut, Manyo	TBD in Aug	
Jonglei	Bor	Bor South, Duk, Twic East, Pochalla	TBD in Aug	
	Akobo	Nyiror, Uror, Akobo, Ayod	TBD in Aug	
All*	Juba	Pibor, Fangak, Khorfulus, Panyijar, Guit, Rubkona	TBD in Aug	

\*counties that cannot join training points within their state due to inaccessibility will be trained in Juba, the National capital.

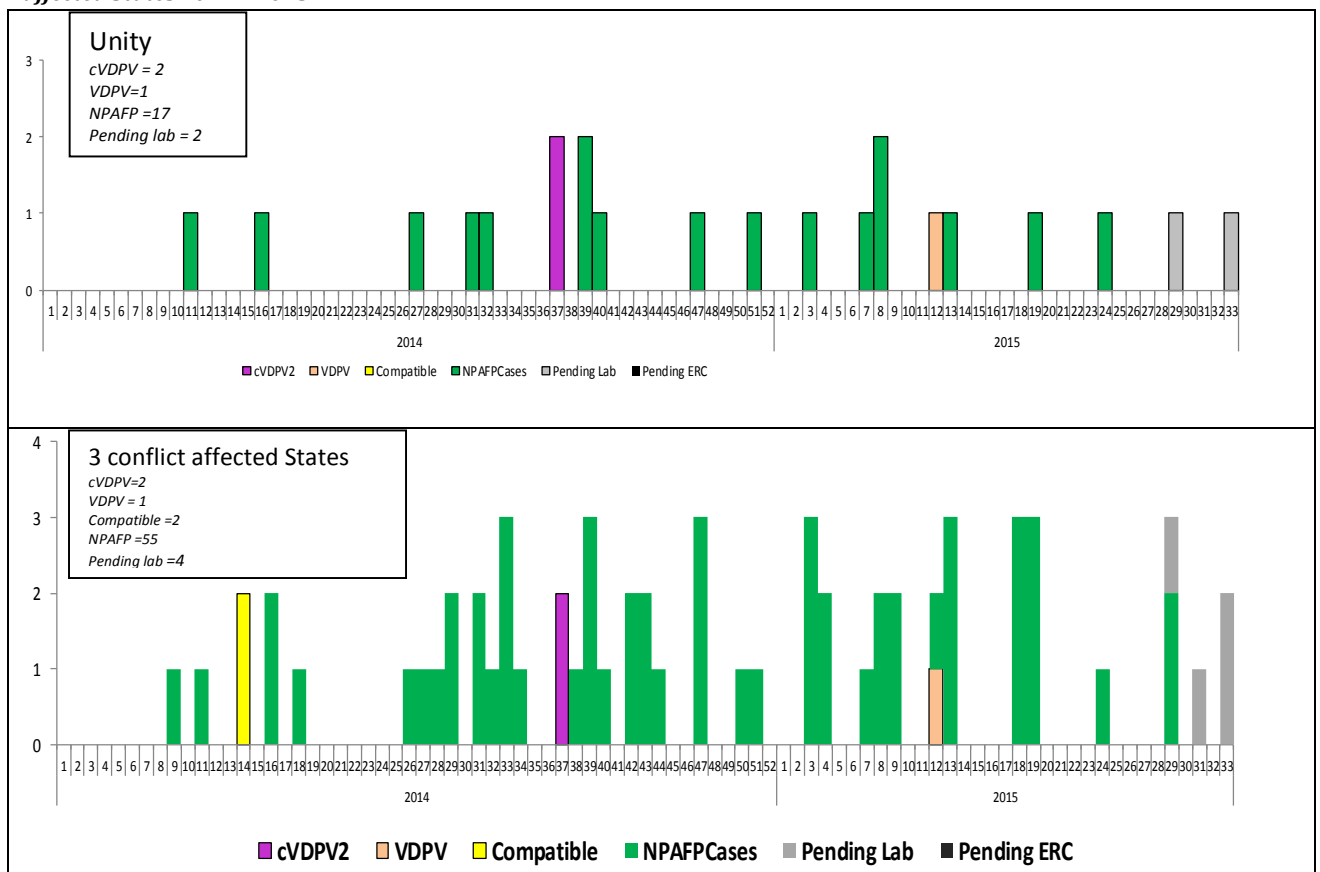
**Increasing the number of Field Staff:** Training for the 17 new Volunteer Field Supervisors for 6months is being prepared tentatively on 10 – 13 September 2015. The summary the status field officer gap in the 3-states is as shown in Tables 2

**Table 2: Situation of Field Supervisors and Field Assistants surge in the three conflict affected states as of 30 July 2015**

State	Field Supervisors				Field Assistants			
	Total posts	Filled	In pipeline	Vacant	Total posts	Filled	In pipeline	Vacant
Upper Nile	12	3	9	0	70	33	26	11
Unity	9	5	4	0	72	27	45	0
Jonglei	11	7	4	0	75	43	7	25
<b>Total</b>	<b>32</b>	<b>15</b>	<b>17</b>	<b>0</b>	<b>217</b>	<b>103</b>	<b>78</b>	<b>36</b>

3. In the 3-conflict affected states, there were two Acute Flaccid Paralysis (AFP) cases reported from Panyijar, Unity state and Uror in Jonglei state in epi week 33, 2015. To date a total of 30 AFP cases have been reported for the year 2015 and classified as follows: 23 NPAFP cases, 4 pending lab CLT, 1 VDPV, 0 compatible. The epi curves in Figure 1 below show the classification of the AFP cases by date of onset per epi week, 2014 – 2015

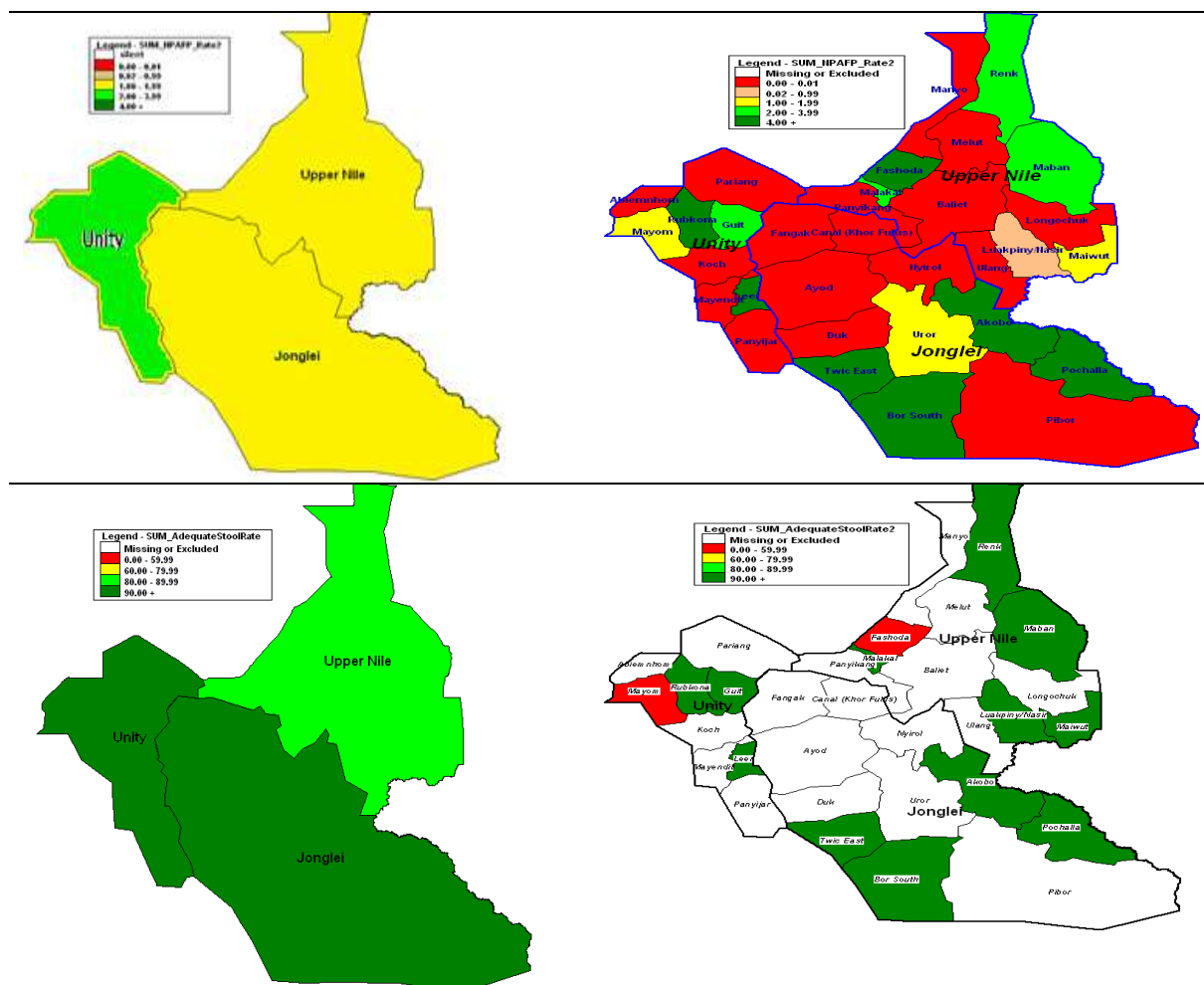
**Figure 1: Epi curve - AFP cases by classification status and by Week of Onset/Unity state - versus all 3-Conflict affected States 2014 – 2015\***



**NB(\*) - as of epi week 31/2015**

- Non Polio Acute Flaccid Paralysis (NPAFP) rate for the three conflict affected states in 2015 is suboptimal (<4/100000 U15yrs for outbreaks) - Jonglei (1.76), Upper Nile (1.41), Unity (2.00) per 100,000 U15years. Stool adequacy for all the 3-conflict affected states were 100% for Jonglei and 88% Unity, and 75% Upper Nile (see Fig 2).

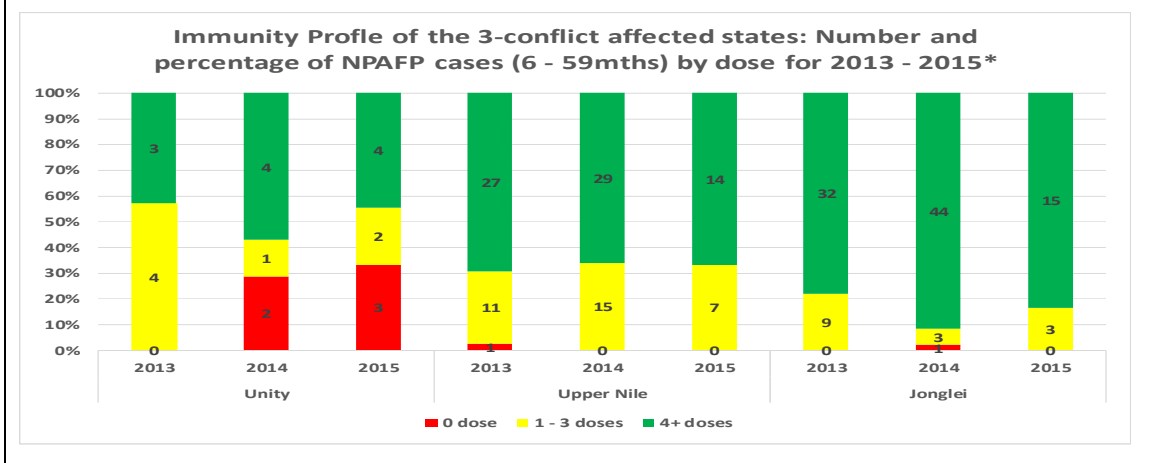
**Figure 2: Non Polio AFP Rate and Stool Adequacy Rate per admin levels 1 & 2 for the 3 conflict affected states, South Sudan, as of Epi week 32/2015**



- Analysis of the immunity profile of NPAFP cases (6 – 59mths old) in the three conflict states show wider gaps in Unity state despite improvement in Upper Nile and Jonglei over the past three years (see Figure 3 below)

**Fig 3: Immunity Profile of NPAFP (6mth – 15yrs) for 3-conflict affected states (2013 – 2015)**

**NOTE: data as of epi week 30 of 2015**



6. National level: as of epi week 33/2015, the NPAFP rate was 3.93/100,000 U15years, and Stool adequacy, 96%.

Refer to the attached, South Sudan AFP Surveillance Update for epi week 33/ 2015 for further details

### 3.0 Summary of Outbreak Response

#### 3.1 Results of SIAs in the 3 conflict affected States

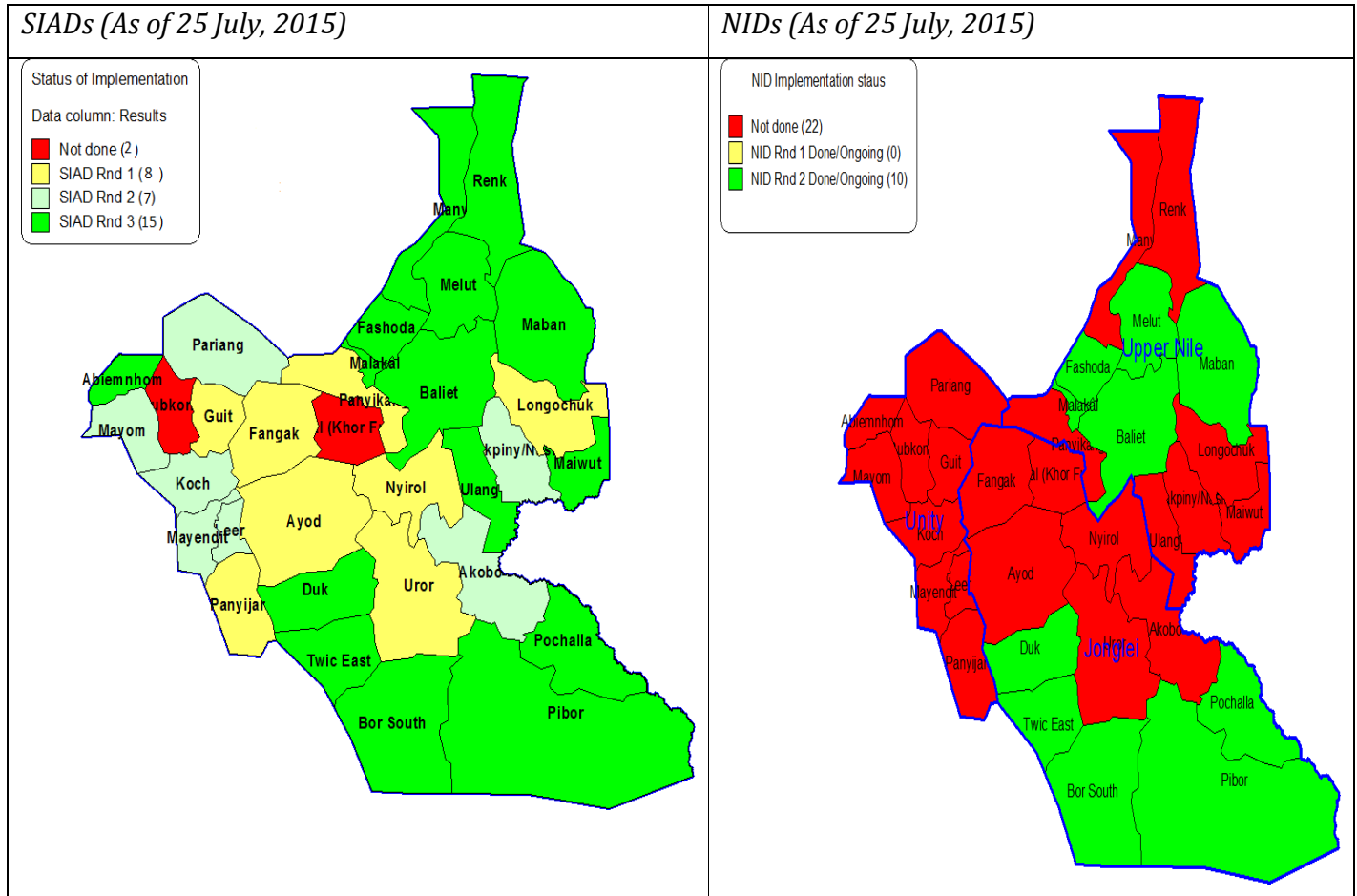
There were no changes in summaries of the number of children reached with the SIAs this week. Results of completed rounds in Fangak, and Ayod are expected. Thus, the data summaries out of 32 counties remain 560,110 children (0 – 15yrs) reached with three doses in 15counties, and 177,622 (0 – 59mths) reached with two rounds of NIDs in 10 counties (see Table 3 below). Each round of SIAD target 2,606,995 children (0 – 15years) without discounting over 1.5million displaced population.

**Table 3: Summary of the number of children and counties reached with SIAs in the 3-conflict affected states**

Type of SIAs	Target population	Target Age group	Type of Vaccine	No of children reached with tOPV	Total number of counties reached per round out of 32counties (+3PoCs)
SIAD Round 1	2,606,995	0 – 15yrs	tOPV	1,363,886	30 (+3PoCs)
SIAD Round 2	2,606,995	0 – 15yrs	tOPV	932,620	23 (+3PoCs)
SIAD Round 3	2,606,995	0 – 15yrs	tOPV	560,110	15 (+3PoCs)
NID Round 1	1,176,301	0 – 59mths	tOPV	146,539	10 (+3PoCs)
NID Round 2	1,176,301	0 – 59mths	bOPV	177,622	10 (+3 PoC)

Summary of the total number of counties covered and children (0 – 15years) reached with trivalent Oral Polio Vaccine (tOPV) per round of SIAD is as shown in Figure 4 below.

**Figure 4: Status of implementation SIAs (SIADs and NIDs) in the 3-conflict affected states**



**Note: Only counties that have completed Round III of SIAD are eligible for NIDs**

Detail administrative information is provided for in Table 4 and 5 below. Table 4 provides for data per county for each round of SIAD and Table 5, detail of access of SIAD campaign at the lowest administrative level, payams (sub-district or counties). Counties shaded “red” are identified as unreached for the corresponding round of SIAD.

**Table 4: Summary of status of implementation of SIAD**

Summary of Implementation of SIAD in 3 conflict affected states, South Sudan, Dec 2014 to date																		
State	County	total population	target 0-15 children	Partner	Round 1				Round 2				Round 3				Remarks	Revised plan date
					Type of campaign	Date of Implementation	Adm results		Type of campaign	Date of Implementation	Adm results		Type of campaign	Date of Implementation	Adm results			
							# reached	%			# reach	%			# reach	%		
1	Bor south	335,363	164,328	SMC	SIAD	3-6 Dec, 14	75911	46.2	SIAD	29 Dec, 14- 01 Jan, 15	78615	47.8	SIAD	26- 29 Jan, 2015	83165	50.6	submitted complete data	completed
2	Bor (PoC)	2,481	1,216	IRC	SIAD	2- 5 Dec, 14	1216	100.0	SIAD	29 Dec, 14- 01 Jan, 15	1207	99.3	SIAD	26- 29 Jan, 2015	1351	111.1	submitted complete data	completed
3	Old Fangak	174,893	85,698	CMA	Integ. MCV	18 - 21 Aug 2015		0.0	SIAD			0.0	SIAD			0.0	Awaiting results for R1; Start R2	R2 (1 - 4 Sept 2015)
4	Wuror	208,281	102,058	CARE	Integ. MCV	17 - 22 Dec, 14	78,544	77.0	SIAD	21 - 24 Aug 2015		0.0	SIAD			0.0	Plan for R3	R2 (7 - 10 Sept 2015)
5	Ayod	196,224	96,150	Nile Hope	Integ. MCV	24 - 30 April, 15	58164	60.5	SIAD			0.0	SIAD			0.0	Haat payam (target pop 11268 not reached); prep for R2	R2 (1 - 4 Sept 2015)
6	Akobo	218,000	106,820	COSV, MSF-B	Integ. MCV	11 - 15 Feb, 15	125,988	117.9	SIAD	6 - 10 July 2015	164311	153.8	SIAD			0.0	Flight could not land on 10 Aug 2015; rescheduled on 19 Aug	R3 (27 - 30 Aug 2015)
7	Pibor	160,412	60,128	IMA	SIAD	6- 9 Dec, 14	61012	101.5	SIAD	26- 29 Dec, 14	16035	26.7	SIAD	26- 29 Jan, 2015	16035	26.7	Partial results; GPAA MoH has retained results	completed
9	Khorfulus	35,414	17,353	IMA	Integ. MCV			0.0	SIAD			0.0	SIAD			0.0	Flights suspended by UNHAS till further notice	no access
10	Nyirol	202,000	98,980	MSF-B, CMA	Integ. MCV	24 - 27 March 2015	52824	53.4	SIAD	26 - 29 Aug 2015		0.0	SIAD			0.0	Funds and vaccines delivered on 24 Aug for R2; Plan R3	R2 - (11 - 14 Sept 2015)
11	Pochala	51,284	25,129	IMC	SIAD	6- 9 Dec, 14	20609	82.0	SIAD	26- 29 Dec, 14	29830	118.7	SIAD	26- 29 Jan, 2015	29792	118.6	submitted complete data	completed
12	Twic East	81,019	39,699	CARE	SIAD	6- 9 Dec, 14	9759	24.6	SIAD	30 Dec, 14- 02 Jan, 15	13,648	34.4	SIAD	26- 29 Jan, 2015	13,851	34.9	submitted complete data	completed
13	Duk	64,596	31,652	SMC	SIAD	6- 9 Dec, 14	3457	10.9	SIAD	30 Dec, 14- 02 Jan, 14	6184	19.5	SIAD	26- 29 Jan, 2015	6653	21.0	submitted complete data	completed
14	Longochuk	198,563	97,296	IRC, GOAL,	SIAD	31-May -3 June 15	76174	78.3	SIAD			0.0	SIAD			0.0	MoH to decide on request to pay in dollars	R2 (10 - 14 Sept 2015)
15	Luakpiny/Nasir	380,460	186,425	IMA	SIAD	25 - 28 Feb 2015	115806	62.1	SIAD	13 - 16 June, 2015	163564	87.7	Integ. MCV			0.0	MoH to decide on request to pay in dollars	R3 (10 - 14 Sept 2015)
16	Maban (Refugee camp)	266,438	130,555	IMC, RI, UNCHR	Integ. MCV	5 - 13 Dec, 14	66940	51.3	SIAD	13 - 17 Jan 2015	71097	54.5	SIAD	27 - 30 Jan	73064	56.0	submitted complete data	completed
17	Maban (Host Community)	58,797	28,811	CHD	Integ. MCV	7 - 12 Dec, 14	27342	94.9	SIAD	5 - 8 Jan, 2015	26948	93.5	SIAD	3 - 7 March 15	23844	82.8	submitted complete data	completed
18	Maiwut	197,557	96,803	GOAL	SIAD	21-24 Dec, 14	75339	77.8	Integ. MCV	19 - 22 April, 2015	22004	22.7	SIAD	6 - 9 June 2015	66615	68.8	submitted complete daa	completed
19	Ulang	188,585	92,407	GOAL	SIAD	8 - 12 Feb 15	52138	56.4	Integ. MCV	19 - 22 April, 2015	33589	36.3	SIAD	6 - 9 June 2015	56,901	61.6	submitted complete daa	completed
20	Baliet	30,453	14,922	GOAL	Integ. MCV	2 - 6 Dec, 14	373	2.5	SIAD	22-25 Dec, 2014	359	2.4	SIAD	28-31 Jan 15	2853	19.1	submitted complete data; high returnees in R3	completed
21	Akoka	23,000	10,350	CORDAID	SIAD	9-12 Dec, 14	9232	89.2	SIAD	26- 29 Dec, 2014	15269	147.5	SIAD	30 Jan - 2 Feb 15	13453	130.0	submitted complete data	completed
22	Fashoda	59,773	29,289	CORDAID	SIAD	8 - 11 Dec, 14	16959	57.9	SIAD	22-25 Dec, 2014	24,653	84.2	SIAD	6-9 Jan, 15	24,450	83.5	submitted complete data	completed
23	Manyo	66,643	32,655	IMA	SIAD	16 - 18 Dec, 14	13240	40.5	SIAD	5- 8 Jan, 2015	7234	22.2	SIAD	2- 6, March, 15	4494	13.8	High insecurity caused population movement in R3 in Ma	completed
24	Panyikang	56,423	27,647	CORDAID	SIAD	10 - 13 Feb, 2015	3818	13.8	Integ. MCV			0.0	SIAD			0.0	Low population due to heavy militarisation	no access
25	Malakal	57,000	27,930	IMA	SIAD	2 - 5 Dec, 14	26546	95.0	SIAD	16-20 Dec, 2014	25869	92.6	SIAD	27-30 Jan, 15	31329	112.2	submitted complete data	completed
26	Malakal (PoC)	19,000	9,310	IMA	SIAD	2 - 5 Dec, 14	9230	99.1	SIAD	16-20 Dec, 2014	23577	253.2	SIAD	27-30 Jan, 15	15122	162.4	submitted complete data	completed
27	Renk	226,438	110,955	IMA, IOM, IRC	Integ. MCV	6-10 Dec, 14	29135	26.3	SIAD	5 - 7 Feb, 2015	26114	23.5	SIAD	4-7 April 2015	27708	25.0	submitted complete data	completed
28	Mellut	110,600	54,194	IMA	SIAD	15-18 Dec 2014	34879	64.4	SIAD	15-18 Jan 2015	16417	30.3	SIAD	25 - 28 Feb, 15	30985	57.2	submitted complete data	completed
29	Rubkona	319,485	156,548	CARE	SIAD			0.0	SIAD			0.0	SIAD			0.0	Funds sent	Only PoC covered (insecure)
30	Rubkona (Bentiu PoC)	41,933	20,547	CARE	SIAD	13 - 16 Nov, 14	19,498	94.9	SIAD	1 - 5 Dec, 2014	20,993	102.2	SIAD	13 - 16 Jan, 15	28416	138.3	submitted complete data	completed
31	Mayom	402,420	197,186	CARE	SIAD	11 - 13, Feb 15	87202	44.2	SIAD	9 - 12 June 2015	39327	19.9	SIAD	21 - 25 Aug 2015		0.0	Campaign started on 21 Aug; Plan NID R1	NID R1 (3 - 7 Sept 2015)
32	Pariang	191,198	93,687	CARE	SIAD	24 - 27, March 15	28496	30.4	SIAD	9 - 12 April 2015	32866	35.1	SIAD	21 - 25 Aug 2015		0.0	Campaign started on 21 Aug; Plan NID R1	NID R1 (3 - 7 Sept 2015)
33	Guit	126,526	61,998	CARE	SIAD	16 - 19 Dec, 14	78,811	127.1	SIAD			0.0	SIAD			0.0	ERT to consider IRC to support; militarised	no access
34	Koch	188,886	92,554	WR	Integ. MCV	16 - 19 Dec, 14	25,193	27.2	SIAD	28 - 31 March 2015	18583	20.1	SIAD			0.0	Funds returned, partners evacuated due to insecurity	no access
35	Panyijar	165,554	81,121	IRC	SIAD	5 - 8 May 2015	17486	21.6	SIAD			0.0	SIAD			0.0	Funding to be sent; waiting for vaccines	R2 (1 - 4 Sept 2015)
36	Leer	94,034	46,077	Nile Hope	SIAD	15 - 19 Dec, 14	12,921	28.0	SIAD	28 - 31 March 2015	16248	35.3	SIAD			0.0	Funds returned, partners evacuated due to insecurity	no access
37	Mayendit	83,757	41,041	UNIDO	SIAD	15 - 19 Dec, 14	20,112	49.0	SIAD	4-7 April 2015	20827	50.7	SIAD	9 - 12 June 2015		0.0	awaiting results	completed
38	Abiemhnom	76,481	37,476	NPDC/CARE	SIAD	31 - Dec - 3rd Jan	29,532	78.8	SIAD	5 - 9 Feb, 2015	17252	46.0	Integ. MCV	9 - 12 June 2015	10029	26.8	awaiting results	completed
	<b>TOTAL</b>	<b>5,359,971</b>	<b>2,606,995</b>				<b>1,363,886</b>				<b>932,620</b>	<b>35.8</b>			<b>560,110</b>	<b>21.5</b>		

<b>Key</b>	
<span style="background-color: red; color: black;"> </span>	<b>not started</b>
<span style="background-color: yellow; color: black;"> </span>	<b>ongoing</b>
<span style="background-color: green; color: black;"> </span>	<b>completed</b>
<span style="background-color: orange; color: black;"> </span>	<b>IDP/Refugee camp</b>

Table 5:

Mapping Census Enumerated Payams Reached with cVDPV Outbreak SIA interventions											
Unity State											
State	County	Payam	Popn 2015	Target popn >15yrs	Payam Reached per Round of SIA					Remarks	
					SIAD R1	SIAD R2	SIAD R3	NID R1	NID R2		
					# U15yrs reached	# U15yrs reached	# U15yrs reached	# U15yrs reached	# U15yrs reached		
Unity	Rubkona	*Bentiu PoC			19,498	20,993	28416	24917	19872	Seeking more information from informants among over 123,0000 influx population into Bentiu PoC; Plan to conduct Preventive campaign on ( 24 - 27 Aug 2015 targeted about 60,000 children U15years at Bentiu PoC	
		Rubkona	2,303	1,128							
		Bentiu Town	13,769	6,747							
		Nhialdiu	19,836	9,720							
		Panhiany	5,170	2,533							
		Budaang	9,511	4,660							
		Norlamwel	7,407	3,629							
		Ngop	14,130	6,924							
		Barmalual	1,590	779							
		Dhorbor	3,354	1,643							
		<b>Kaljak</b>	<b>75,478</b>	<b>36,984</b>							
		Wathjak	8,818	4,321							
		Mayom	4,137	2,027		8148					
		Ruathnyibuol				3589	7835				
		Ngop	9,492	4,651		4461	7234				
		Puop	12,449	6,100		4812	7206				
		Wangbuor	12,518	6,134		9745					
	<b>wangkei</b>	<b>54,939</b>	<b>26,920</b>		<b>10024</b>						
	Kueryiek	9,815	4,809		6475	8479					
	Bieh	20,327	9,960		7857	8260					
	Mankien	24,344	11,928		12768						
	Riak	5,327	2,610								
	Wichok	15,801	7,742		14211						
	Thargenah	11,601	5,685		13260						
	<b>Panyijar</b>	<b>2,626</b>	<b>1,287</b>		<b>1004</b>						
	Pachar	9,222	4,519		3997						
	Thohnom	10,730	5,258		3186						
	Ganyiel	18,613	9,120		4158						
	Dong	6,732	3,299								
	Mayom	8,444	4,138		3786						
	Chuok	4,525	2,217		4711						
	<b>Nyal</b>	<b>2,668</b>	<b>1,307</b>		<b>1836</b>						
	<b>Taip</b>	<b>6,512</b>	<b>3,191</b>		<b>4512</b>						
	Puolmok	3,470	1,700		5676						
	Koch	19,220	9,418		4499	3096					
	Jaak	15,281	7,488		3364	2841					
	Ngony	21,852	10,707		7312	3671					
	Pakur	13,650	6,689		2093						
	<b>Gany</b>	<b>3,098</b>	<b>1,518</b>		<b>1187</b>	<b>3096</b>					
	Norbor	6,208	3,042		1038						
	Boaw	20,442	10,016		5700	5073					
	Bieh	6,733	3,299								
	Mirmir	6,156	3,016								
	Madol/Pabuong	21,375	10,474		743	1848					
	Mayiendit	12,044	5,901		1021	1302					
	Tharjiathbor	19,552	9,580		5413	6037					
	Lum	6,977	3,419		1449						
	<b>Tutnyang</b>	<b>3,157</b>	<b>1,547</b>		<b>988</b>	<b>8641</b>					
	Dablual	10,397	5,095		4568	2999					
	Thaker	6,392	3,132		2362						
	Bor	6,781	3,323		2032						
	Rubkuach	4,877	2,390		1852						
	Leer	23,152	11,345		3526						
	Payak	13,791	6,757		1180						
	Thornyor	16,271	7,973			4142					
	<b>Adok</b>	<b>4,153</b>	<b>2,035</b>		<b>2641</b>						
	Pelliny	6,897	3,380		1241						
	Boow	7,742	3,794		1193						
	Padeah	7,020	3,440		2012	4577					
	Dok	3,421	1,676		4577	1044					
	Yang	3,564	1,746		1068						
	Joung Kang	4,225	2,070		1428						
	Guit	2,901	1,422		2293						
	Kadet	2,660	1,304		897						
	Kuach	2,877	1,410		2625						
	<b>Bill</b>	<b>2,619</b>	<b>1,283</b>		<b>2640</b>						
	Nimni	2,448	1,200		2884						
	Nyathor	2,689	1,318		3962						
	Guiey	2,194	1,075		2429						
	Wathnyatna	6,880	3,371		1586						
	<b>Manga</b>	<b>23,621</b>	<b>11,574</b>								
	<b>Abiemnhom</b>	<b>2,213</b>	<b>1,085</b>		<b>2892</b>	<b>5841</b>	<b>2593</b>				
	Manajoga	1,517	743		6198	3377	4937				
	Pangok	1,179	578		3318		2499				
	Aworpiny	6,366	3,119		3096						
	Panyang	12,551	6,150		6871						
	Bangbang	9,851	4,827		7157	8034					
	<b>Panrieng</b>	<b>2,121</b>	<b>1,039</b>		<b>6467</b>	<b>572</b>					
	Jamjang	19,864	9,733		11328	7325					
	Alliny/Toor	16,783	8,224		2206	1221					
	Gumriak	24,496	12,003		2060	2177					
	Awet	16,096	7,887		9221	5880					
	Yida	13,059	6,399		35427						
	Biu	10,554	5,172		1807	1959					
	Wunkur	14,580	7,144		4526	4262					
	Ajongthok Refugee camp				5769						

Key	
	Reached
	Waiting for data
	Not reached
	Planned



### 3.2 Other Vaccination Opportunities for OPV

#### ✓ Special Vaccination Post

Thirteen of 24 targeted Special Vaccination Sites have started reporting. Completeness of reporting for this week is 23% from in Central Equatoria, Warrap and Eastern Equatoria. A total of 3470 children were reached out of which 2.7% were zero dose as detailed in Table 6 below.

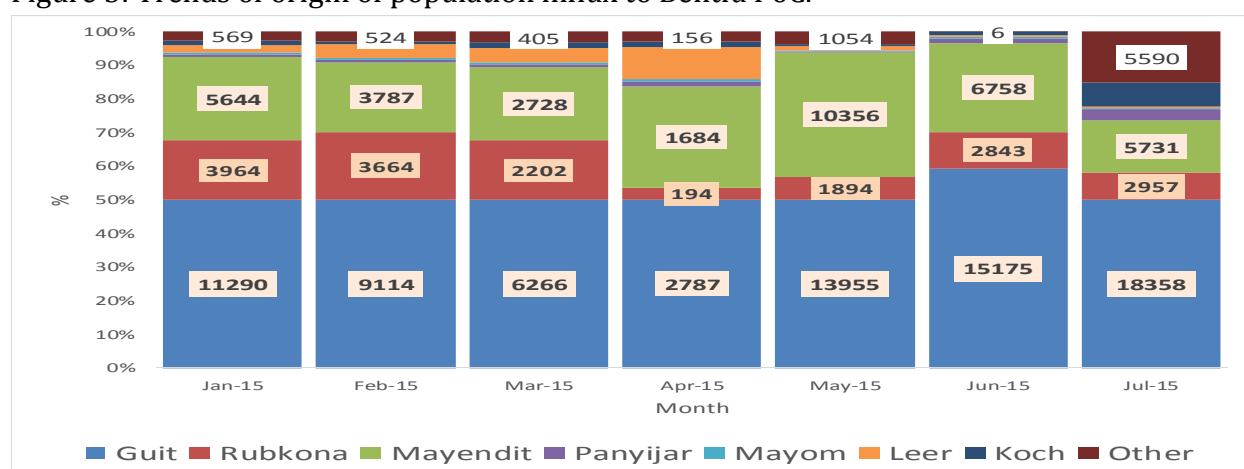
**Table 6: Summary of number of children reached from Special Vaccination Sites per states**

State	# of sites	Cumulative # (0 - 15years) reached		# (0 - 15years reached this week)		Total	Completeness of reporting
		1dose plus	Zero dose	1dose plus	Zero dose		
<b>CES</b>	<b>3</b>	<b>883</b>	<b>64</b>	<b>1050</b>	<b>152</b>	<b>2149</b>	<b>66%</b>
<b>EES</b>	<b>4</b>	<b>2224</b>	<b>558</b>	-	-	<b>2782</b>	<b>0.0</b>
<b>Warrap</b>	<b>3</b>	<b>2294</b>	<b>0</b>	-	-	<b>2294</b>	<b>0.0</b>
<b>Lakes</b>	<b>1</b>	<b>686</b>	<b>14</b>	<b>200</b>	<b>73</b>	<b>973</b>	<b>100</b>
<b>Unity</b>	<b>2</b>	<b>9455</b>	<b>1150</b>	-	-	<b>10605</b>	<b>0.0</b>
<b>Total</b>	<b>13</b>	<b>15542</b>	<b>1786</b>	<b>1250</b>	<b>225</b>	<b>27,803</b>	<b>23.0</b>

### 3.3 Preventive Vaccination in Bentiu PoC, Bentiu and Rubkona Towns

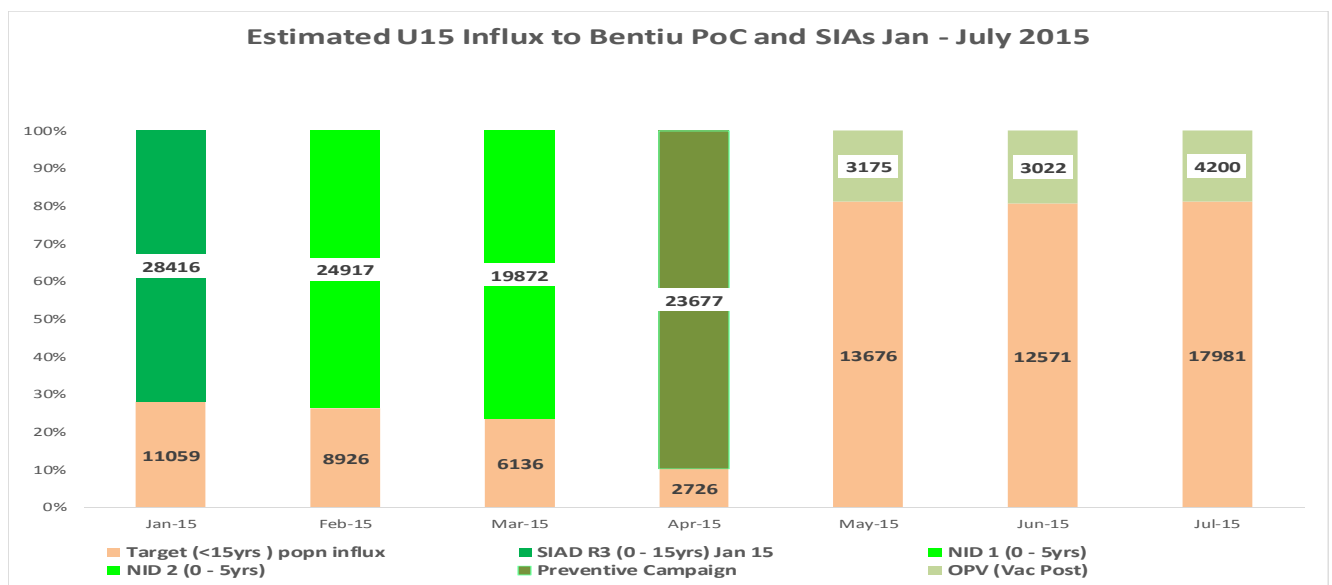
Due to insecurity and hunger, Bentiu PoC is now hosting over 123,000 IDPs from its original population of about 45000. The observed high influx into the PoC is in response to a planned food distribution. Analysis of population influx into Bentiu PoC from Jan – July 2015 show that majority of the population originated from Guit Koch, Leer and Mayendit, counties as well as indigenes of the host county, Rukona, all in Unity State. Moreover, over 15000 people have returned to Bentiu and Rubkona Town outside the PoC (Fig 5 below show the trend of population influx into the PoC).

**Figure 5: Trends of origin of population influx to Bentiu PoC.**



Wider gaps of reaching a higher number of the influx population with OPV since May 2015 have been noticed (see Figure 6 below), and therefore a preventive measles and OPV campaign planned for implementation this week. The campaign is targeting about 60,000 children (0-15years) with tOPV. However, due to logistical challenges and low cold chain storage capacity, the campaign will start in a large scale from 27 August 2015. As a mitigation of the missed opportunity, and taken into account the availability of funds and a balance stock of over 1000vials of tOPV, 30 trained vaccination teams started the campaign in Bentiu and Rubkona towns on 24 August 2015. As of 25 August 2015 (day 1 of 4), 1316 children (0 – 15years) had been reached.

**Figure 6: Estimated target (0 – 15years) among influx population to Bentiu vs SIA Jan – July 2015**



In addition to the planned campaign, 6 additional Special Vaccination Sites making a total of 8 will be implemented to improve on reaching out to targeted populations (0 – 15years) coming to Bentiu PoC.

**Other PoCs/IDP camp:**

Malakal: Current biometric registration of the population is ongoing, however an increase has been observed. Due to the recent fragile nature of the security situation, plans to initiate a well structure special vaccination sites were unsuccessful. This notwithstanding one post is in piloting phase and reported of reaching 3220 children (0 – 15years) in the month of July 2015.

Bor PoC: An estimated 2013 people are currently in the PoC with trends of movement out to the national capital, Juba observed. Routine immunisation is ongoing.

Juba 3 PoC: No significant population influx have been observed; routine immunisation is ongoing.

Mingkamang IDP camp: No observed population influx; routine immunisation is ongoing as well as 2 functional special vaccination sites.

### 3.4 Summary of Implementation Status of Key Recommendations from 1<sup>st</sup> Assessment Report

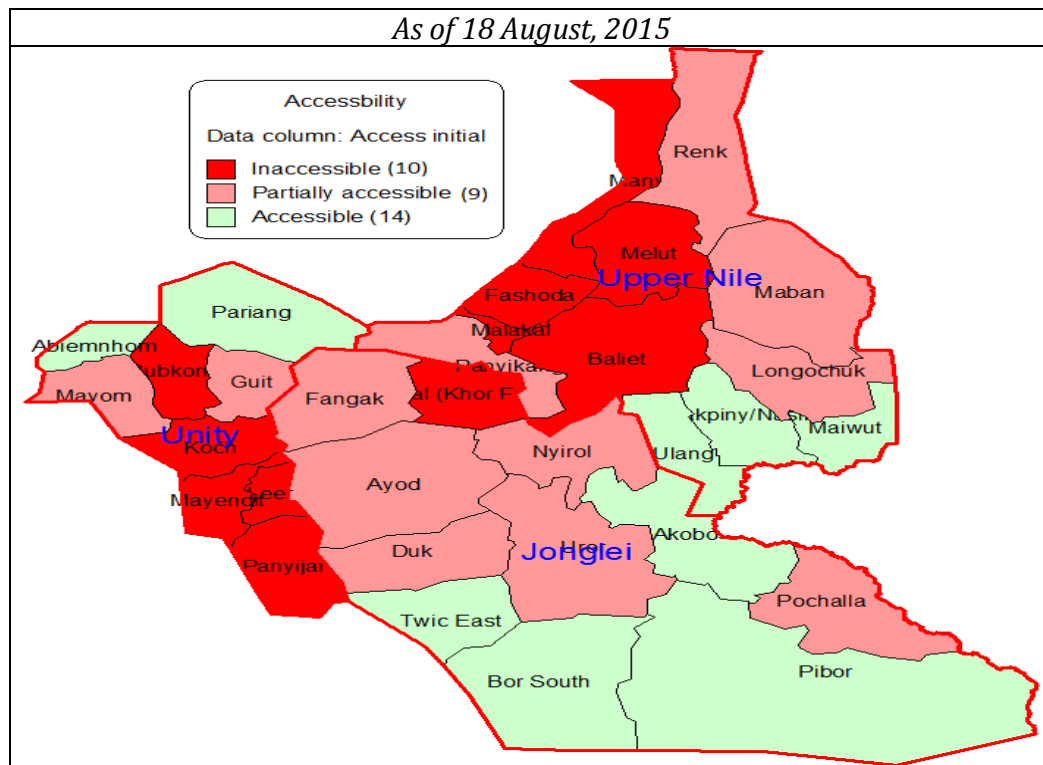
**Table 7: Update of key recommendations**

Key item	Status	Comments
Expedite SIAD and NID campaigns	Ongoing	15 of 32 counties reached with three rounds of SIAD. 10/32 counties completed 2 rounds of NIDs
Improve SIA quality	Ongoing	States are finalizing compilation of populated data of villages for the development of microplans. The data will also be used to review micro plan for routine immunization.
Establish Permanent Vaccination Post	Ongoing	13 of 24 targeted have reported with 27,803 children 0 – 15 years reached with tOPV.; 6 new vaccination post are to be established in Bentiu PoC; and 2 in Malakal PoC.
Improve AFP Surveillance	Ongoing	Staffing: The inception training of 17 new Field Supervisors to be conducted in Juba in the 2 <sup>nd</sup> week of September 2015.

#### 3.4 Access:

Despite the extreme fluidity of security situation in the 3-conflict affected states, the inception of the rains have worsened with resultant flooding provides limited access to all all payams in some of the counties. There are therefore challenges in movement of population and partners under the circumstance.

Fig 7: Accessibility status in counties in the 3-conflict affected states



Operational definitions:

- ✓ Accessible – not likely to be armed conflict
- ✓ Partial access – not all payams are accessible due to floods and insecurity
- ✓ Inaccessible – most likely to have armed conflict

Logistical access to the 3 conflict affected states are highly dependent on flights; however with the onset of rains in a predominantly swampy area, majority of airstrips have been reported as not suitable for landing. This is notwithstanding the strips are being monitored through the Field Assistants and other partners to provide suitability for execution of planned SIAs. In addition, for counties that are reached, a mapping of unreached payams will be conducted and prioritized for mop-ups.

### 3.5 Planned Polio SIAs

**This week:** Following ongoing campaigns in Fangak, Mayom, Pariang, Uror, and Ayod, preparations for eligible rounds of SIAs are to be made targeting implementation in these locations in the first week of September as shown in Table 9 below. Mawut, Ulang and Renk that are due for NID Round 1 have not been cleared due new payment demands by the county (Mawut and Ulang) and insecurity (Renk).

**Table 9: Counties planned to reach next week with SIAs**

SIA	Counties	Comments
<b>NID Rd 1</b>	Mayom, Pariang, Akobo	Prepare funds, Social Mobilisation and Vaccines for (0 – 59mths) for NID R1 on first week of September
<b>SIAD Rd 2</b>	Old Fangak	Awaiting results for SIAD R1; plan to send vaccines and funds for SIAD R2 on 1 September 2015
<b>SIAD Rd 3</b>	Ayod, Nyirol, Mayom	Prepare funds, Social Mobilisation and Vaccines for (0 – 59mths) for NID R1 on first week of September; 6 payams in Mayom will finish its SIAD rounds.

A summary of the country-wide schedule of SIAs is shown in Table 6 below.

**Table 10: Summary of Planned SIAs for South Sudan for 2015.**

Date	Type of SIA	Area	Target age group	Target Population	Type of vaccine	Comments
<b>20 - 23 Jan 2014</b>	SIAD Rnd 3	3-conflict states	0 - 15yrs	2,606,995	tOPV	15/32 completed
<b>24- 27 Feb 2015</b>	NID Rnd 1	All 10 states	0 - 5yrs	3,343,159	tOPV	<i>Done in 7states + 10 counties</i>
<b>24 - 27 Mar 2015</b>	NID Rnd 2	All 10 states	0 - 5yrs	3,343,159	bOPV	<i>Done in 7 states + 10 counties</i>
<b>3 - 6 Nov 2015</b>	NID Rnd 3	All 10 states	0 - 5yrs	3,343,159	tOPV	
<b>8 - 11 Dec 2015</b>	NID Rnd 4	All 10 states	0 - 5yrs	3,343,159	bOPV	

*NB: There are 10 states in South Sudan. The 3-conflict affected states are Unity, Upper Nile and Jonglei. The other 7 (safe states) are: Central Equatoria, Eastern Equatoria, Western Equatoria, Lakes, Warrap, Nothern Bahr El Ghazal, and Western Bahr El Ghazal.*

## Advocacy, Communication and Social Mobilization

Communication and Social Mobilisation activities were well integrated in the ongoing campaigns in Fangak, Urur Ayod, Nyirol and Akobo in northern Jonglei state. 150 social mobilizers conducted house to house social mobilization using communication intervention channels of community meetings, megaphones announcement, church/mosques announcement to reach communities with Polio messages. 2500 IEC materials including posters, banners-shirts have been distributed to Akobo, Nyrol, Ayod, and Fangak and display strategic locations including road junctions, schools, churches, markets and other prominent areas.

In Mayom in Unity State, Influencers / block leaders orientation was organised for 61 block leaders to remind them of their role to motivate parents and guardians to regularly immunization their children against polio. Following this discussions, 5 sectors have been designated to 5 people who are now doing street announcements, informing mothers to take their children for vaccination in health facilities. A good number of mothers have been seen in the course of the week taking their children for vaccination in the health centres.

The community volunteers continued educating parents and guardians in the house holds about the importance of immunization against polio and other vaccine preventable diseases. 4396 households were reached with the messaging.

#### 4.0 Vaccine, Cold Chain and Logistics

Type	Date	Balance as of 25thh May	Dispatched	In pipe line
tOPV	12-05-15	4,886,020	-	-
bOPV	12-05-15	1,650,600	-	-

- Dispatched vaccines Nyiro, Akobo and Urur
- Preparing to send freezers and vaccines to Bentiu Poc before 27 August 2015

#### 5.0 Human Resource Surge

1. WHO: Operations Officer at post for the past 3months; contract renewal being considered.

#### 6.0 Challenges

1. Uncertainties about the extent of insecurity in accessing all locations within counties
2. Heavy rains affecting logistics distribution
3. Administrative bureaucracies delaying the release of funds when a window of safety avails for the implementation of the campaign.
4. Delayed security clearance for flights, and communication constraints with teams in the field on delivery times for flights due to lack of reliable network and contacts of field staff.
5. Shortage of cold boxes to transport frozen icepacks since backhauling not taking place in coordination with vaccine delivery; coupled with lack of freezing capacities in some counties.
6. Inadequate number of staffing at all levels
7. Poorly resourced Polio Control Room: Burnt Office not refurbished over 15months

#### *Implementing partners in the counties*



