



South Sudan Ministry of Health

Integrated Disease surveillance
and response (IDSR)



World Health
Organization
South Sudan

Epidemiological Bulletin Week 26, 2023 (26 June - 2 July)



Major epidemiological highlights in week 26 of 2023

- In week 26, 2023, the IDSR reporting timeliness and completeness were at **73%** and **82%** respectively, while EWARNS sites were both at **90%**
- A total of 140 alerts were triggered in **week 26, 2023** and majority of the alerts(**41/140**) **29%** were for **malaria**, measles (**33/140**) **23.5%**, and AWD (**33/140**) **23.5%**,
- National Rapid Response team deployed to investigate Suspect Viral Hemorrhagic Fever (VHF) cases reported from Dajo and Pashimbi in Longechuk County Upper Nile state.
- Measles outbreak in Renk County, with **334** cases and 10 related deaths giving a CFR of **2.9%** as of week 26
- As of July 9, 2023, a total of **138,142 individuals** and **37,156 households** have arrived in South Sudan through 15 PoEs with a majority (**90%**) entering through Joda to Renk

SURVEILLANCE PERFORMANCE



For the Integrated Disease Surveillance (IDSR)
network and Early warning alert and response
network (EWARN)



IDSR timeliness performance at State level for week 26 & 25 of 2023



States Ranking	Implementing Partners	States/AA	Total Numer of Functional Health Facilities	No. of HF's Reported on Time in WK 26	Timeliness Percentage of WK 26	No. of HF's Reported on Time in WK 25	Timeliness Percentage of WK 25
1st	ForAfrika, Medair	GPAA	15	15	100%	15	100%
2nd	HLSS, SSUHA, Concern WW, IHO,GOAL,TRI-SS,SPEDP,IMA-WH,SSHCO,IMC,MSF,CARE	CES	128	124	97%	125	98%
3rd	GOAL,,HFO,UNKEA,SCI,AMREF-CCMF,TADO,HAASS,WVI,IRW	Warrap	113	105	93%	103	91%
4th	Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO	NBGZ	89	76	85%	85	96%
5th	IHO,IOM,CARE,IMC,IRW,MHA	WBGZ	80	66	83%	71	89%
6th	CMA,Medair,MDM,Medicair,CRSF,CARE,LiveWell-SS,WR,HFO,AAH,IOM,MSF,SCI,CIDO,IMC,CRESA	Jonglei	113	93	82%	87	77%
7th	Doctors with Africa (CUAMM),IMA-WH,YCSS,LiveWell-SS	Lakes	112	85	76%	111	99%
8th	Cordaid, IMC, IRC, CASS,IOM,Samaritan's Purse,Medair,MSF-H,WR,HFO	Unity	84	61	73%	77	92%
9th	Cordaid, HLSS,OPEN,AMREF-CCMF,IRW	EES	107	70	65%	89	83%
10th	AMREF, World Vision, CUAMM, CDTY, OPEN,Rescue	WES	215	126	59%	191	89%
11th	IMC,CRES-Aid,Concern WW,Health Link,RI,Cordaid,CASS,SPEDP,NIDO,UNKEA,GOAL,MSF-E,WVI	Upper Nile	128	60	47%	91	71%
12th	GOAL,SMC	AAA	17	7	41%	13	76%
13th	Care International	RAA	16	5	31%	16	100%
		South Sudan	1217	893	73%	1074	88%

KEY

	<60%	Poor
	61%-79%	Fair
	80%-99%	Good
	100%	Excellent

The Timeliness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 26 stands at 73% while in week 25 it was at 88% and 5 states and 1 Aas are above the National target of 80% .

Reporting Challenges in the poorly performed States are; insecurity, internet inaccessible; Turnover of Partners.



IDSR Completeness performance at State level for week 26 & 25 of 2023



States Ranking	Implementing Partners	States	Total Numer of Functional Health Facilities	No. of HFs Reported regardless of Time in WK 26	Completeness Percentage of WK 26	No. of HFs Reported regardless of Time in WK 25	Completeness Percentage of WK 25
1st	Care International	RAA	16	16	100%	16	100%
2nd	ForAfrika, Medair	GPAA	15	15	100%	15	100%
3rd	HLSS, SSUHA, Concern WW, IHO,GOAL,TRI-SS,SPEDP,IMA-WH,SSHCO,IMC,MSF,CARE	CES	128	125	98%	125	98%
4th	Doctors with Africa (CUAMM),IMA-WH,YCSS,LiveWell-SS	Lakes	112	107	96%	111	99%
5th	GOAL,,HFO,UNKEA,SCI,AMREF-CCMF,TADO,HAASS,WVI,IRW	Warrap	113	107	95%	103	91%
6th	Malaria Consortium, Healthnet TPO, IRC, CEDS, IHO	NBGZ	89	80	90%	85	96%
7th	IHO,IOM,CARE,IMC,IRW,MHA	WBGZ	80	69	86%	71	89%
8th	Cordaid, IMC, IRC, CASS,IOM,Samaritan's Purse,Medair,MSF-H,WR,HFO	Unity	84	69	82%	77	92%
9th	CMA,Medair,MDM,Medicair,CRSF,CARE,LiveWell-SS,WR,HFO,AAH,IOM,MSF,SCI,CIDO,IMC,CRESA	Jonglei	113	92	81%	87	77%
10th	Cordaid, HLSS,OPEN,AMREF-CCMF,IRW	EES	107	85	79%	89	83%
11th	IMC,CRES-Aid,Concern WW,Health Link,RI,Cordaid,CASS,SPEDP,NIDO,UNKEA,GOAL,M SF-E,WVI	Upper Nile	128	93	73%	91	71%
12th	AMREF, World Vision, CUAMM, CDTY, OPEN,Rescue	WES	215	129	60%	191	89%
13th	GOAL,SMC	AAA	17	5	29%	13	76%
	Total	South Sudan	1217	992	82%	1074	88%

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The Timeliness of IDSR Reporting (Supported by EWARS Web and Mobile) at health facility level in week 26 stands at 82% while in week 25 it was at 88% and 7 states and 2 AAs are above the National target of 80% .

Reporting Challenges in the poorly performed States are: insecurity, internet inaccessible, Turnover of Partners



Surveillance: EWARS Timeliness performance indicator by partner for week 26 and 25 of 2023



Partner	HFs	Reporting	Performance		
PARTER	Total Number of Mobile Sites	# of reports received on Time in Week 26	Percentage of Timeliness in WK 26	# of reports received on Time in Week 25	Percentage of Completeness in WK 25
SSHCO	1	1	100%	1	100%
UNH	2	2	100%	2	100%
CIDO	1	1	100%	1	100%
SCI	2	2	100%	2	100%
SMC	1	1	100%	1	100%
TRI-SS	2	2	100%	2	100%
Medicair	2	2	100%	2	100%
WVI	2	2	100%	2	100%
IOM	1	1	100%	1	100%
IMC	4	4	100%	4	100%
SP	4	4	100%	4	100%
HFO	5	4	80%	5	100%
SPEDP	4	2	50%	2	50%
TOTAL	31	28	90%	29	94%

The Timeliness of EWARS in partners' supported sites stands at 90% in week 26 while in week 25 it was at 94%

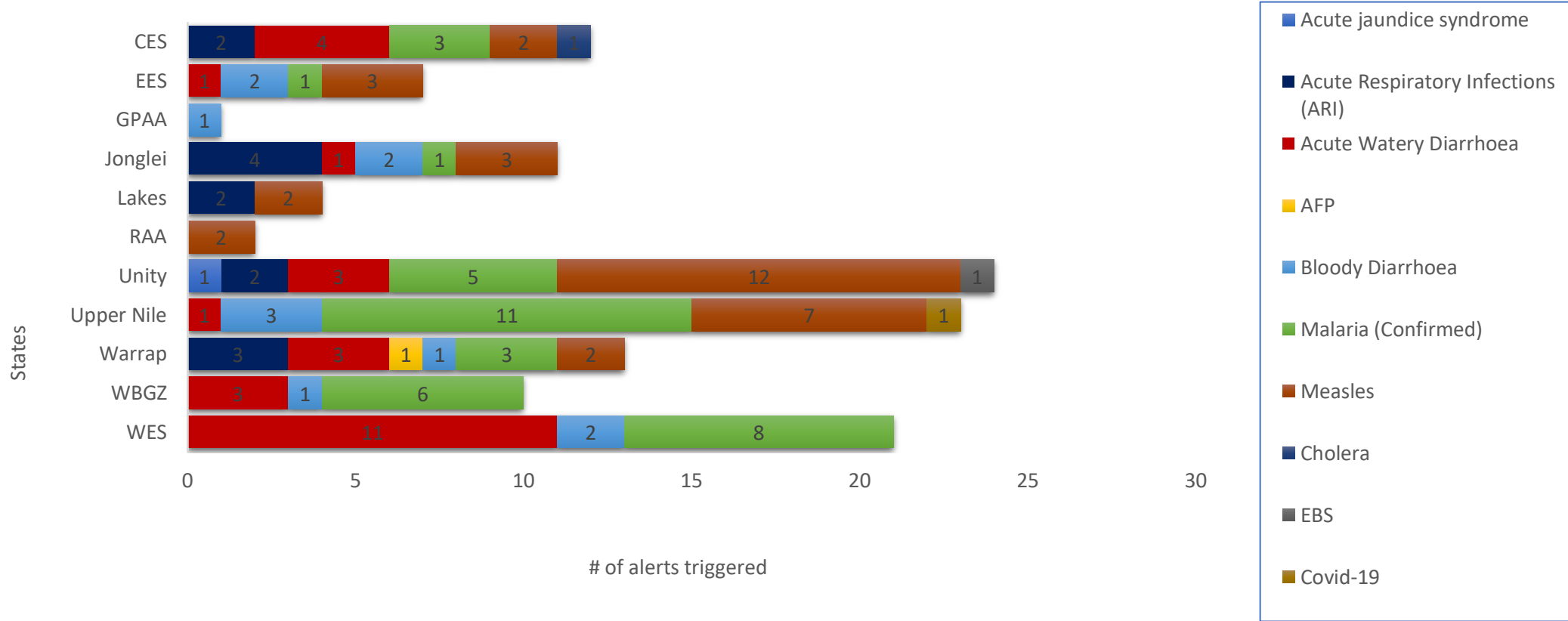


Surveillance: EWARS completeness performance indicator by partner for week 26 and 25 of 2023



Partner	HFs	Reporting	Performance		
PARTER	Total Number of Mobile Sites	# of reports received on Time in Week 26	Percentage of Timeliness in WK 26	# of reports received on Time in Week 25	Percentage of Completeness in WK 25
SSHCO	1	1	100%	1	100%
UNH	2	2	100%	2	100%
CIDO	1	1	100%	1	100%
SCI	2	2	100%	2	100%
SMC	1	1	100%	1	100%
TRI-SS	2	2	100%	2	100%
Medicair	2	2	100%	2	100%
WVI	2	2	100%	2	100%
IOM	1	1	100%	1	100%
IMC	4	4	100%	4	100%
SP	4	4	100%	4	100%
HFO	5	4	80%	5	100%
SPEDP	4	2	50%	2	50%
TOTAL	31	28	90%	29	94%

The Timeliness of EWARS in partners' supported sites stands at 90% in week 26 while in week 25 it was at 94%



- **This week a total of 140 Alerts were triggered of which 64 are from outbreak prone diseases as Per the broken-down below**
- **27 AWD alerts:** these alerts were triggered from the following States, CES (4), EES (1), Jonglei (1), Unity (3), Upper Nile (1), Warrap (3),WBGZ (3), WES(11)
- **33 Measles alert:** these alerts were triggered from the following States, CES(2), EES (3), Jonglei (3), Lakes (2), RAA(2),Unity(12), Upper Nile (7), Warrap (2)
- **1 AJS alert:** this was from Bentiu IDP Hospital
- **1 AFP alert** from Kuajok Hospital
- **1 Cholera alert** from Ustratuna PHCC in Juba County
- **1 Covid-19 alert:** this is from Lul West PHCU in Fashoda County
- **1 EBS alert:** it was from Mirmir PHCC in Koch County of a suspected Measles

INDICATOR AND EVENT-BASED SURVEILLANCE



Alert management including detection; reporting; verification;
risk assessment; & risk characterization

- **Viral Hemorrhagic Fever Alert from Longechuk County, Upper Nile State**





Viral Hemorrhagic Fever Alert from Longechuk County, Upper Nile State



- On the 16th of June 2023, a team consisting of staff from Nile Initiative Development Organization (NIDO) went for supportive supervision in Darjo PHCU, Darjo Payam, Longechuk County, Upper Nile State where they got reports of deaths from an unknown disease.
- According to the information the cases presented with vomiting blood, bloody diarrhea, sore throat, red eyes, running nose, blurry vision, cough, and itching. The deaths occurred within 3 days from the onset of the illness while those who went past 5 days improved. Four of the cases died (2 from Dajo and 2 from Pashimbi Boma).
- The reported cases came from Dukubela, an area bordering Pashimbi Boma and is between South Sudan and Ethiopia border. 150 cases and 23 deaths have already been reported in that area.
- Dajo PHCU is in a remote location with no road access as the area is flooded and it took the team from the national NGO approximately two days to walk from Mathiang Dajo
- On 1st July 2023, a team consisting of WHO FS, CHD, NIDO, and UNKEA staff traveled on foot from Chotbora to Dajo: The teams moved to deep villages inside Dajo; Tendajo and Tedupi about 1 hour's walk from Dajo center where they found cases presenting with bloody diarrhea, vomiting blood, cough, body rash, red eyes, swollen faces, loss of appetite and generalized body weakness.
- A total of 14 samples (7 blood samples and 7 stool samples) were collected and taken to Chotbora on foot, then to Juba by air on 4th July. The National Public Health Laboratory (NPHL) received 7 blood samples for 5 males and 2 females ages (22, 13, 12, 10, 9, 5, and 2) years old on 4th July
- Samples were well-packed vaccine carrier, labeled, and adequate in the right temperature but with no Case Investigation Form (CIF) accompanying the samples.

Updates from Viral Hemorrhagic Fever Alert from Longechuk County, Upper Nile State

- All the samples run by R-T PCR Tested Negative for EVD, Marburg, Yellow Fever, Rift Valley Fever, Dengue Virus, and CCHF.
- Samples were sent to UVRI/ Uganda for further testing which confirmed the result reported by the NPHL; most of the samples tested positive for falciparum malaria.
- On 8/July 2023, a 7-member multidisciplinary national RRT comprising five staff from the MoH RRT and 2 staff from WHO deployed to Dajo via Bor. The team arrived in Dajo and immediately visited Dajo PHCU and collected 7 samples from patients presenting with mainly fever
- Samples are tested negative for the arbo viruses however three of the seven samples tested positive for measles IgM and were further shipped to UVRI for second opinion testing.

Challenges

- Limited Resources: The lack of healthcare infrastructure and resources poses a significant challenge. Efforts are being made to mobilize additional medical personnel, equipment, and supplies to support the response.
- No partners and No NGO in the area of Pashimbi to support the response and National health authorities.
- No accessibility by road during the rainy season in the area (Dajo/MAYUTHA, Chotbora,) only by walking in the different villages, and access to the epicenters only by foot or by chopper.
- Remote Location: Longechuk County's (Dajo and Pashimbi) remote location hampers the timely delivery of aid and healthcare services. • Communication problems can hinder response efforts.
- Chartering a helicopter costs approximately \$40,000 per trip

Next steps regarding response in Dajo and Pashimbi Longechuk County

- Coordination with local authorities and community leaders is crucial to ensuring the efficient distribution of supplies
- Surveillance and Reporting: Enhanced surveillance systems to be established to promptly detect and report new cases.
- Isolation and case management: Infected individuals are to be isolated and provided with appropriate medical care to minimize the risk of transmission and improve their chances of recovery.
- Development of a response plan and incident action plan by Ministry of Health and partners
- Public health campaigns and risk communication and community engagement are to be conducted to educate the community about the symptoms, prevention measures, and the importance of seeking medical care promptly through awareness campaigns, community meetings, and the involvement of local leaders.
- Medical supplies and equipment: Provision of essential supplies including lab materials, medicines, PPE, etc.
- Advocacy: Collaborate with relevant stakeholders, international organizations, and donor agencies to secure additional resources to deploy emergency response partners to respond through the health cluster coordination.
- Capacity Building: Provide training and support to healthcare workers to enhance their capacity to manage and respond to the outbreak effectively.

List of supplies sent to Dajo and Pashimbi

List of items sent to support Darjo mission 8th July 2023

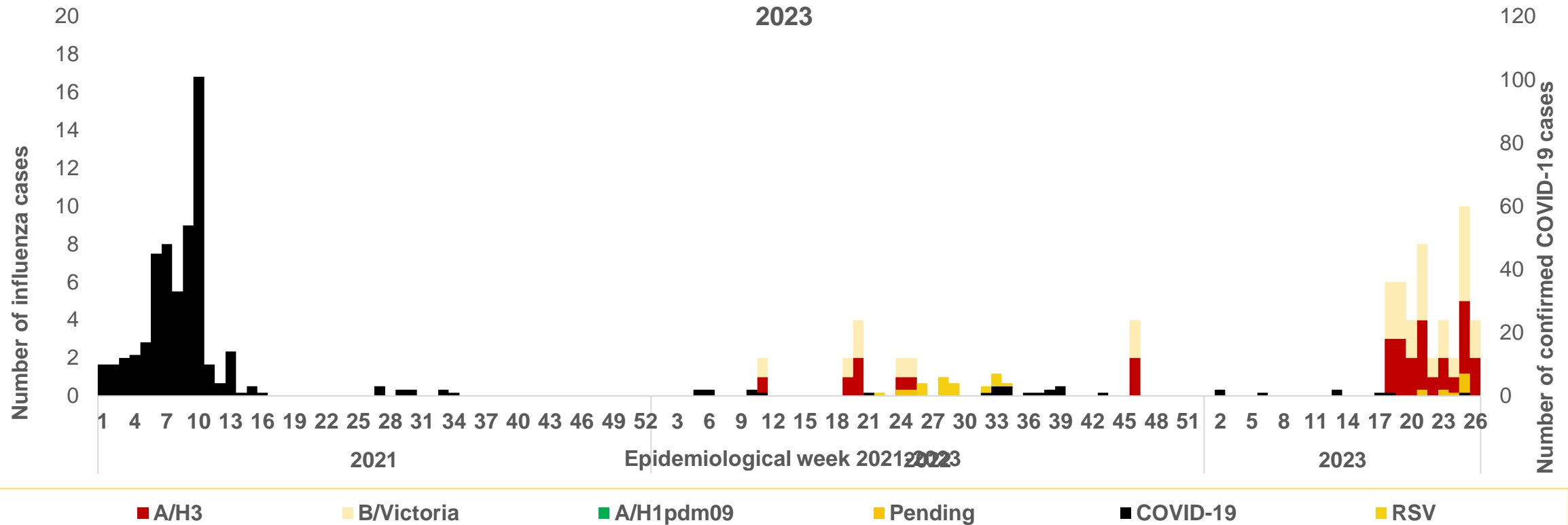
S/No	Description	Unit	quantity	Remark
1	PPE RRT module complete set	Kit	100	
2	Blood sample collection Kits	kit	2	
3	blood Collection tubes	Each	100	
4	Siring	Each	100	
5	Body bags adult	Each	30	
6	Body bags children	Each	10	
7	Sprayers 12 liter	Each	3	
8	Sprayers 1.5 liter	Each	3	
9	Gumboots size	Each	8	
10	Hand Sanitizers	bottle	12	
11	Glove	box of 100	2	
12	cover all	Each	5	
13	Lab marker pen	Each	2	
14	case Investigation form	Each	50	
15	Chlorine 5% of 1 Liter	Each	2	
16	Triple package Category A(UN2814)	Each	7	
17	Dangerous Goods Declaration form	Each	10	
18	Cargo Movement request Form (CMR)	Each	10	
19	IEHK basic Madeine	module	6	
20	IEHK Basic Malaria	module	6	Malaria RDT+ antimalarial medicines
21	IEHK basic renewables	module	2	
22	IEHK supplementary medicine	module	1	
23	IEHK supplementary Malaria	module	1	
24	IEHK supplementary Renewables	module	1	
25	Snake venom antisera	Vials	10	
26	Thuraya phones	Each	2	

Influenza sentinel Surveillance updates



Routine Sentinel Surveillance | Human Influenza & other Respiratory Pathogens

Confirmed Influenza ,COVID-19 and RSV cases from sentinel sites in Juba, week 1, 2021 to week 26, 2023



- There are currently Four designated Influenza sentinel surveillance sites in Juba (Juba Teaching Hospital and Al Sabah Children’s Hospital Rumbek State Hospital & Juba Military Hospital) that are collecting epidemiological data and samples from ILI/SARI cases.
- By the end of week **52,2022**; a total of **594 ILI/SARI** samples were collected,**529** samples tested negative, and Cumulatively, **21** tested positive for covid-19,**8** positive for Influenza B (Victoria), and **6** were positive for influenza A(H3).**26** RSV was confirmed in Week 52
- From weeks 1-26 2023, a total of 369 ILI/SARI were collected all 328 tested negative,**7** positives for Covid-19, (**20**)Influenza types A (H3), B (Victoria), 1 for A/H1pdm09 and 13 for RSV in weeks 26,2023



**ACTIVE OUTBREAKS AND
PUBLIC HEALTH EVENTS**

ACTIVE OUTBREAKS AND PUBLIC HEALTH EVENTS

MEASLES ` UPDATES



Measles Outbreak Highlights



6,447

Suspected cases

4,137

(392 LC)
in 2022

2,310

(228 LC)
in 2023

64

Deaths
Since Jan
2022

1.0%

CRF

68 counties across all 10 States have reported at least one suspected measles case.

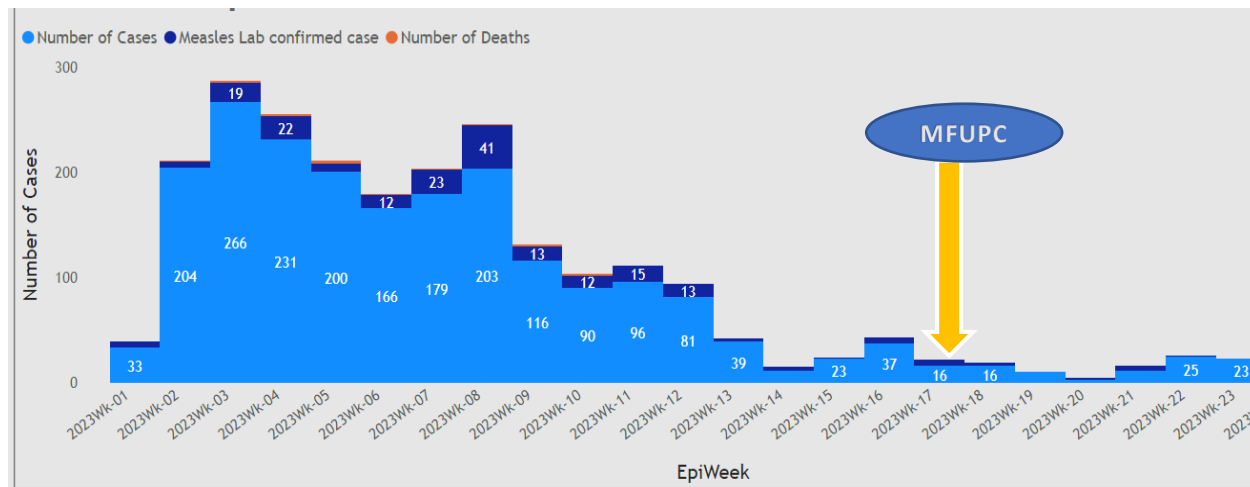
Reactive vaccination campaigns have been conducted in 22 counties, with 984,5394 children vaccinated

Twenty-four (24) newly suspected cases this week

No laboratory-confirmed case has been reported in week 25

- A total of **6,447** reported suspected measles cases, **3,403 (53%)** are epi-linked, **424(7%)** lab-confirmed, **1,001(16%)** clinically compatible, and **674(10%)** discarded cases from epidemiological week 1, 2022, to **week 25, 2023**.
- A total of **198 rubella-positive** cases were among the discarded negative measles cases.
- **24 suspected** cases have been reported during week
- A total of **64 measles-related deaths** were reported since January 2022, with only **3 deaths** among the lab-confirmed measles cases. The case fatality rate (CFR) is **1.0%**.
 - No new measles-related death reported this week
- Seventeen (17) counties have confirmed Measles outbreaks in 2023
 - No newly confirmed outbreak this week

Epidemic curve of measles cases in South Sudan 2023





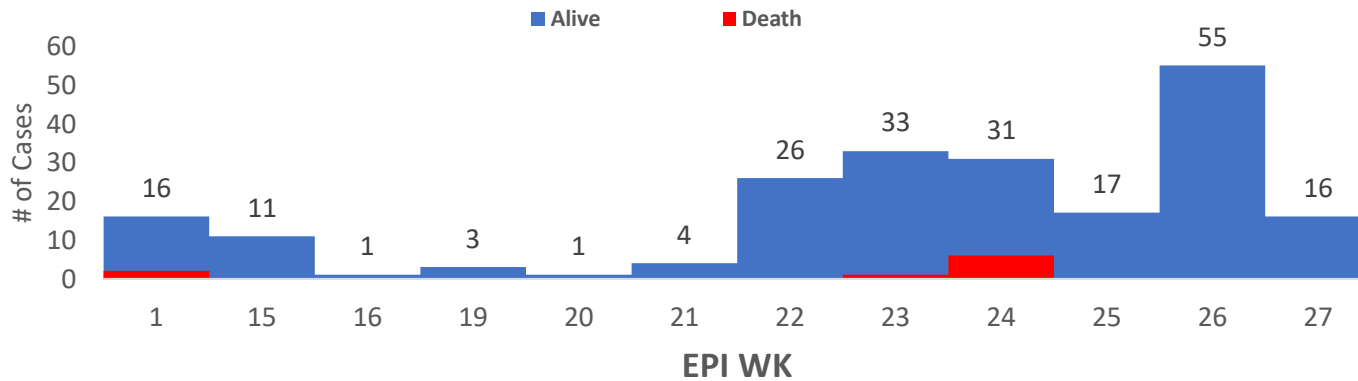
Current Priorities for Measles



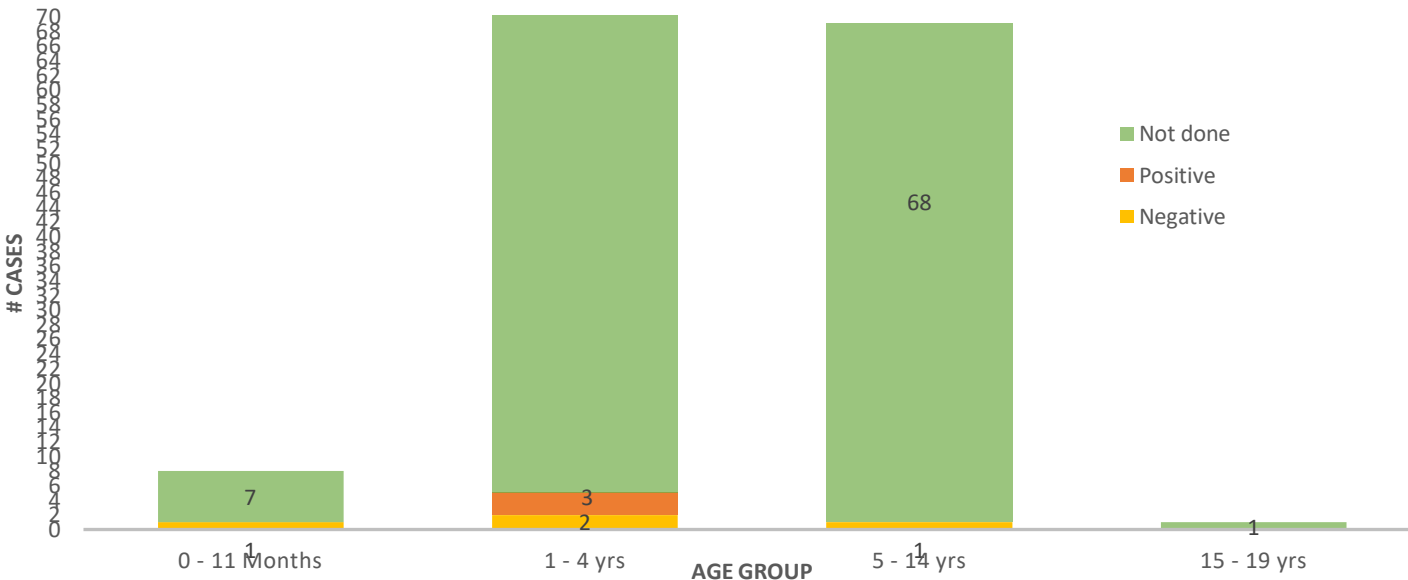
- Due to the significant influx of returnees and refugees from Sudan following the recent ongoing conflict, Since 16 April 2023, a Measles outbreak was confirmed in Renk with nine(9) cases and two deaths
- Renk, Aweil, and Roriak in Unity state have been identified as areas with needed interventions for mop-up campaign.
- The mop-up campaign commenced on 26 June 2023 and was completed on 30 June 2023 following the integrated Measles follow-up campaign across all 80 counties for South Sudan
- The mop campaign was Integrated with the Oral polio vaccine as part of the emergency response to the measles outbreak
- Cumulative Preliminary coverage for the mop-up campaign is showing 62% out of the target vaccinated with OPV 0-15 Yrs and Measles stands at 65% of children 6-15 Years vaccinated.
- 3 monitors deployed from the National to the county to support the measles mop-up campaign
- Core Group Partners (CGPP) is finalizing reports on the Post campaign evaluation for mop up a campaign on the poorly performing counties



Epi curve for confirmed measles cases in Renk County as of 3rd July 2023 by Epi week.



Confirmed measles cases in Renk County as of 3rd July 2023 by Age group and vaccination status.



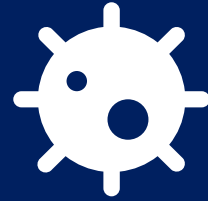
Descriptive Epi

- Measles cases were first identified in week 15 and samples were collected in weeks 20-22 after investigation by the CHD
- Outbreak confirmed in Renk County after 4 samples tested positive for measles IgM**
- A total of 334 measles cases and 10 deaths (2 from the Sudan side) have been line listed since the confirmation of the measles outbreak giving a **CFR of 2.9%**
- All cases were line-listed during active case search from four health facilities serving returnees in Renk county
- Majority of the cases were reported from Renk Hospital and Wonthou IOM clinic at the point of entry, the clinic serves both returnees and the population from Halagaya camp in Joda Sudan, then Renk Hospital (27) and MSF (7)
- Critical cases are referred to Renk civil hospital for inpatient hospital
- Of the of the seven deaths reported two deaths were residents of Halagaya camp in Sudan who came to seek treatment in the Wanthou IOM PoE clinic in South Sudan.
- Majority of the cases were reported from children aged 1 – 4 years as this same age group also accounts for most of the cases recorded.
- Renk County completed the integrated measles, Vit A, MUAC, and deworming campaign on 18 May with a coverage of 69% for measles for children aged 6 to 59 months
- Rise up in could be attributed to low coverage and the influx of returnees due to the Sudan crisis

Ongoing Response

- Case management in Renk Hospital is supported
- Daily active case search by WHO and CHD in health facilities
- WHO supported Case management training conducted on 13-15 June for 42 healthcare workers in Renk county
- Ongoing vaccination currently at the POE for all under-five children as a response to the Sudan crisis
- MoH /WHO and partners concluded a mop-up campaign in Renk on 30 June targeting children 6 months to 15 years

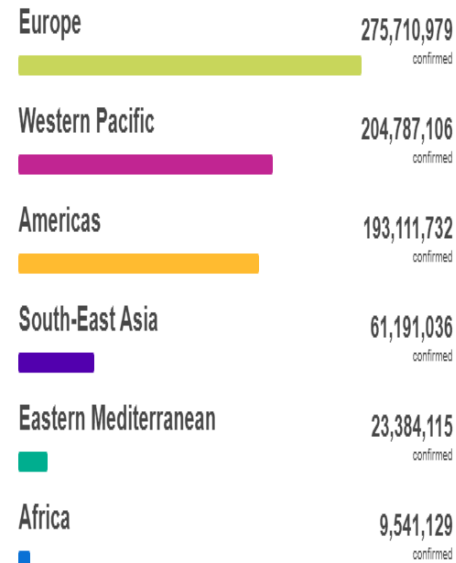
COVID-19 UPDATES



Situation update as of 5, July 2023

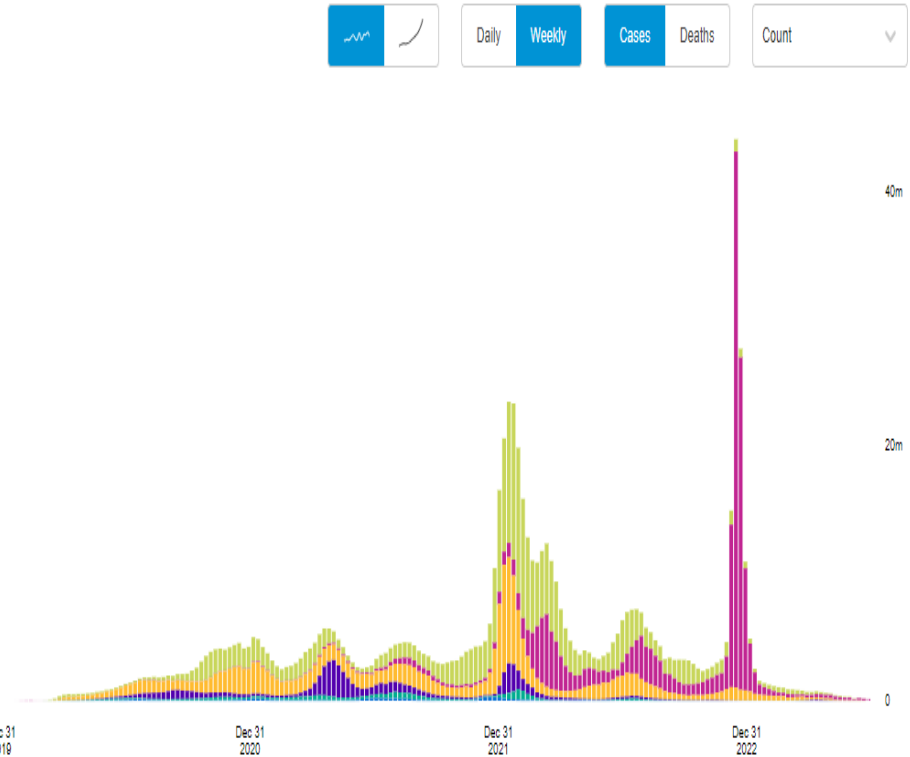
- Globally, as of 5 July 2023, there have been 767,726,861 confirmed cases of COVID-19, including 6,948,764 deaths, reported to WHO. As of 27 June 2023, a total of 13,461,751,619 vaccine doses have been administered.
- **In Africa**, as of 31 May 2023 there have been **9,541,129** confirmed cases of COVID-19, including **175,399 deaths** reported to the WHO
- In South Sudan, from **3 January 2020 to 29 June 2023**, there have been **18,368** confirmed cases of COVID-19 with **138 deaths**, reported to WHO. As of 7 May 2023, a total of 4,312,900 vaccine doses have been administered.

Situation by WHO Region



Source: World Health Organization

Data may be incomplete for the current day or week.



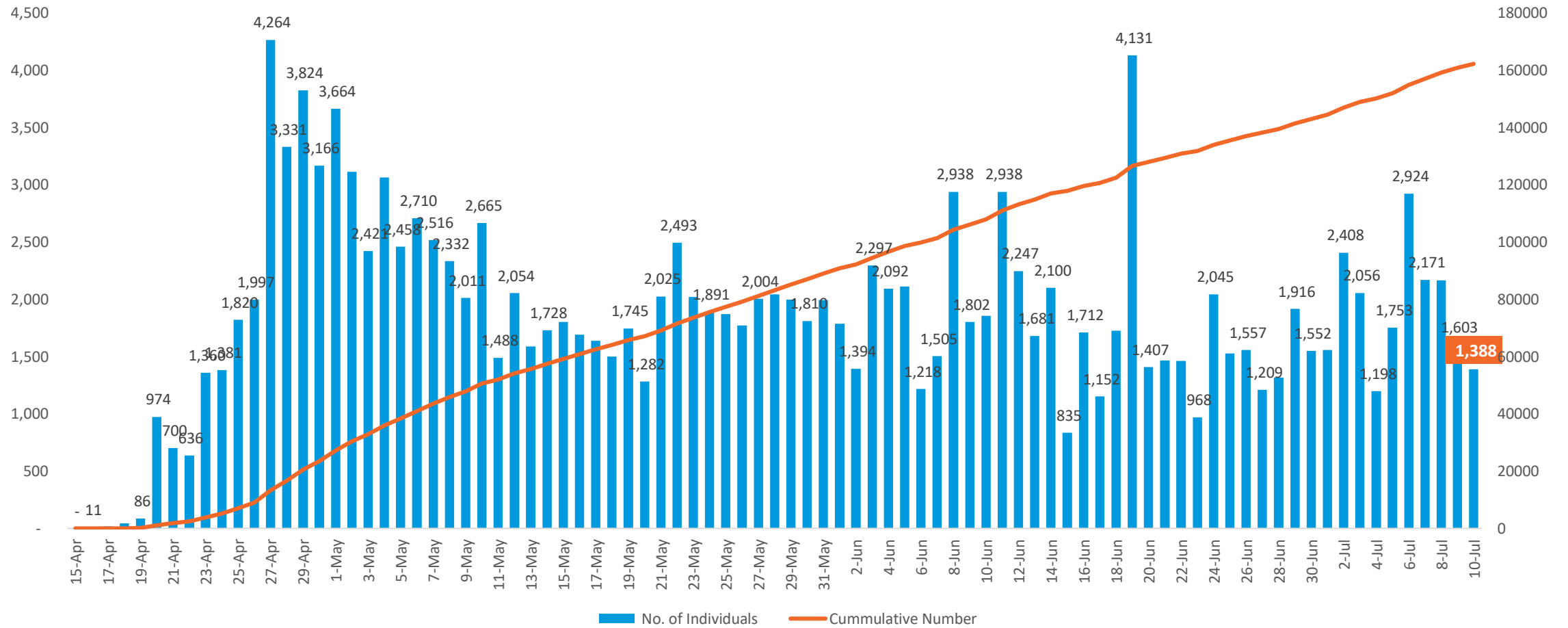
WHO: <https://www.who.int/health-topics/coronavirus>



HUMANITARIAN RESPONSE

SUDAN CRISIS

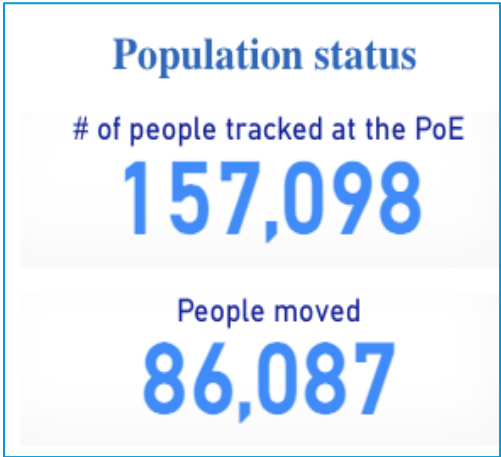
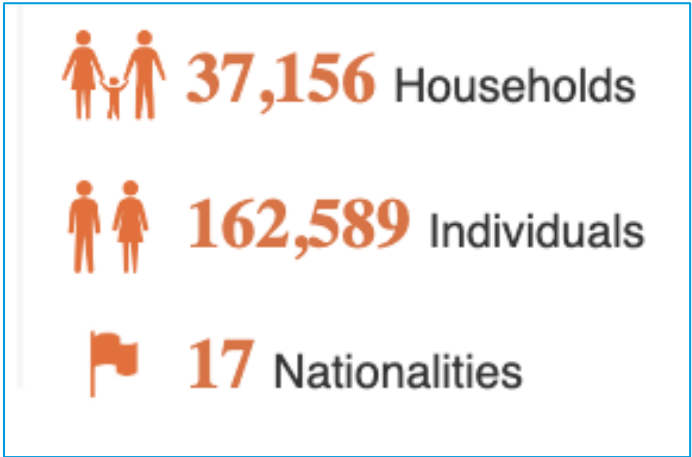
Border Points Reporting as of 10 July 2023



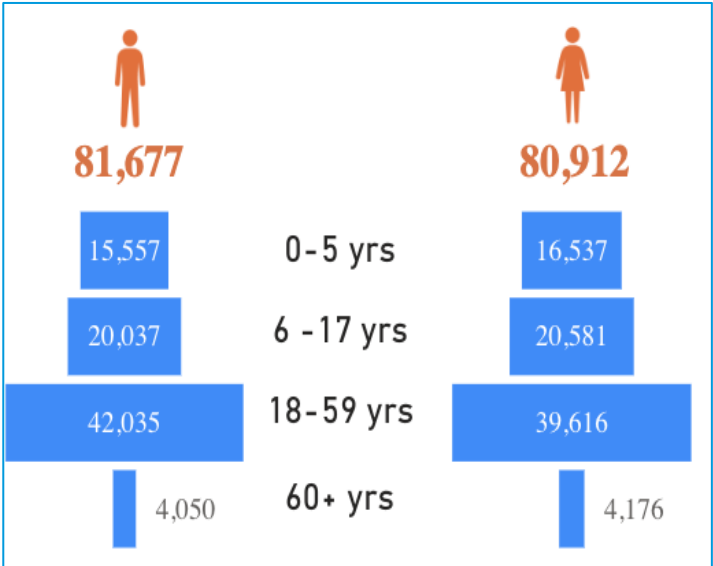
- ❑ 1,388 individuals arrived in South Sudan on 10 July 2023
- ❑ Cumulatively: 162,186 individuals (37,156 households) have entered South Sudan.
- ❑ This trend is averaging 1,886 individuals a day for the past 86 days.

• Key Figures

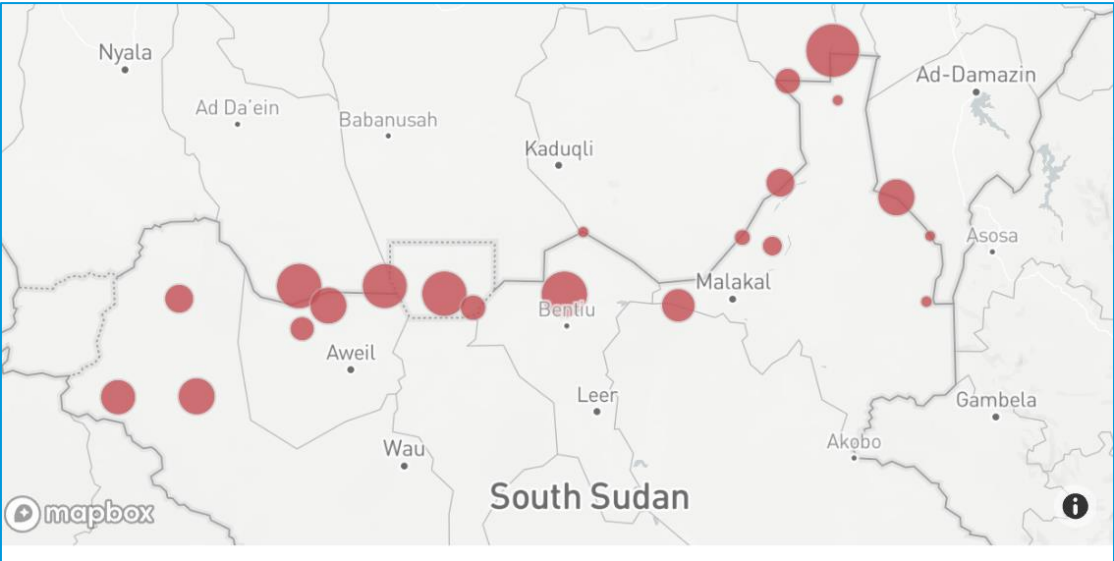
- As of 9 July 2022



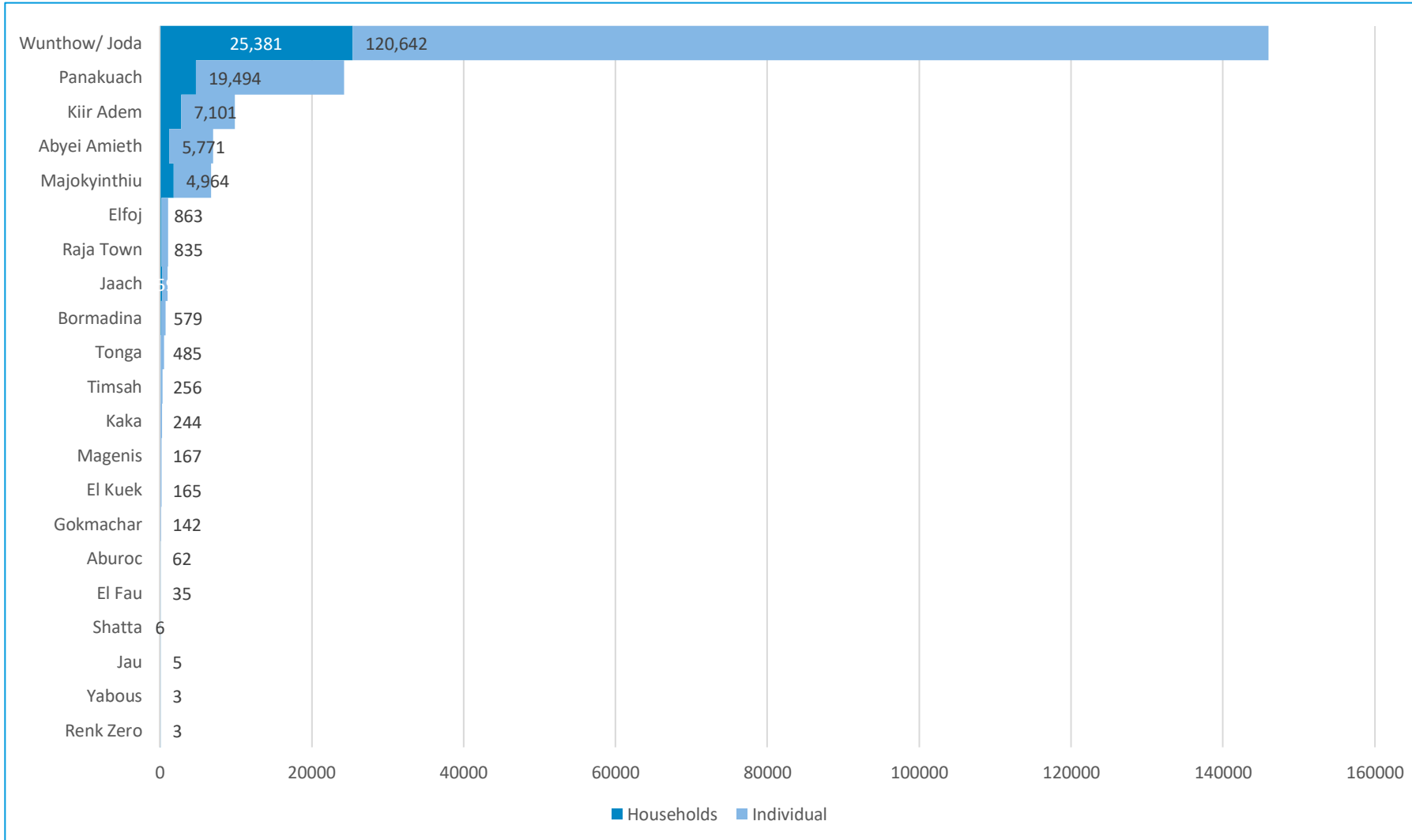
Sex and Age Breakdown



Points of Entries



• Border Point Crossing of Individuals and



RENK

Situation analysis

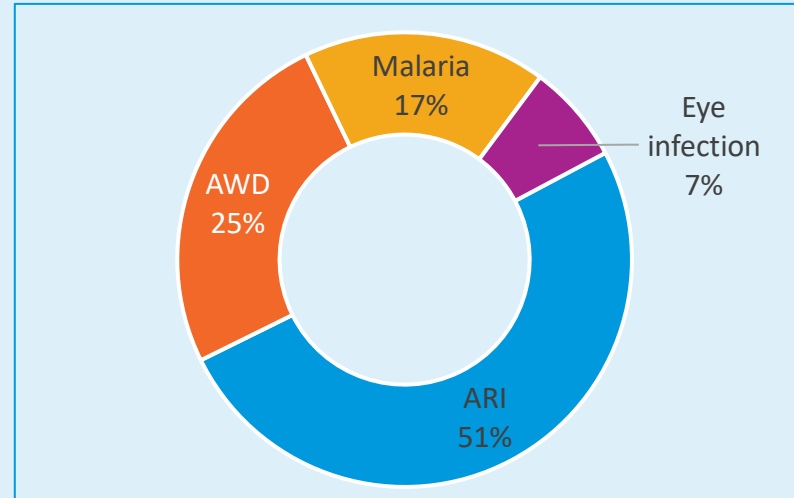
- Inflows through the Joda border are increasing; yesterday (09 July 2023), a total of 1790 was recorded (1,646 returnees whilst the remainder are third countries nationalities).
- Health partners in Renk are overstretched by the health needs of returnees, refugees, host communities, and people crossing the border from Sudan to seek health care in Renk South Sudan.
- The number of measles cases from the host community has plummeted after the vaccination campaign for the past week; in the measles isolation centre, 70 new patients were attended, where 49 were returnees, 1 refugee, and 20 host communities. Among 50 refugees/returnees, 23 were from Halagaya Camp in Sudan (near Sudan – South Sudan border)

Statistics-Renk

Indicator	Number this week	Total current (cumulative)	Comments
Number of returnees	0	0	Data not segregated -Some of the consultations are IDP/refugees from Halagaya Camp Sudan who came for treatment and returned to Sudan
Number of refugees	0	0	
Total consultations	4,751	39,491	

Health Status-Top 5 causes of morbidity

Disease	Consultation	Percentage
ARI	1,791	49%
AWD	892	25%
Malaria	615	17%
Eye infection	250	7%
Measles	87	2%
Total	3,635	100%



Health Status-Top 5 causes of mortality

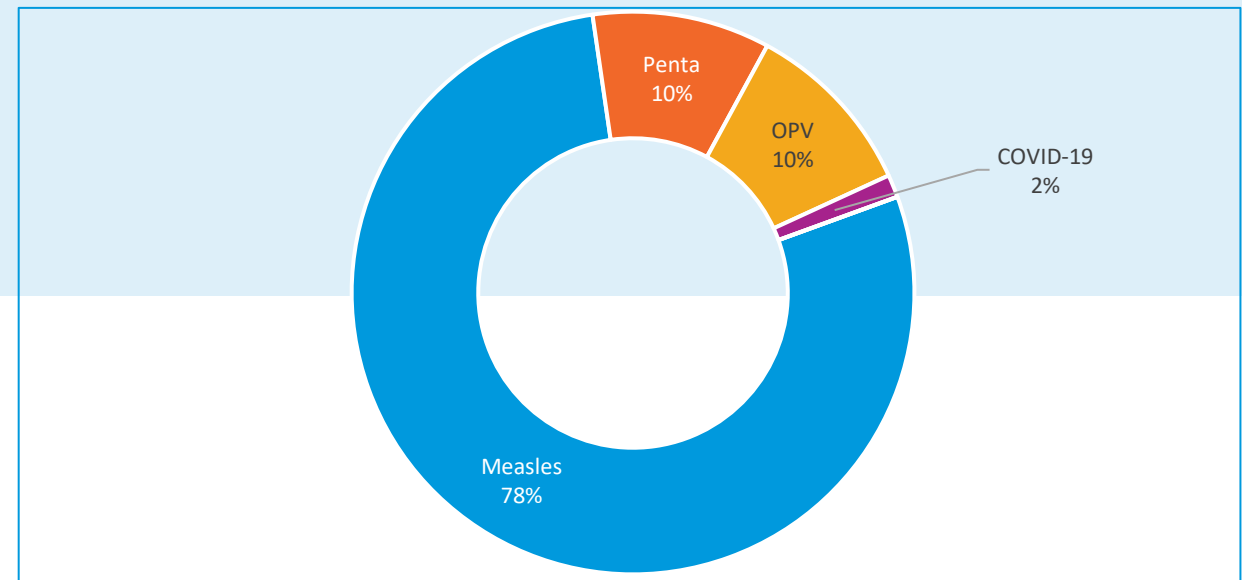
Disease	Numbers
Measles	4

Nutrition

Children screened/treated	Children MUAC screened	Remarks
Total children screened	2,344	Not segregated
Children with MAM (MUAC \geq 115 - <125mm)	507	
Children with SAM (MUAC <115 mm)	132	
Children referred to OTP/TSFP	-	information not shared
Children referred to SC	13	

Vaccination

Antigen	Number vaccinated this week
Measles	889
Penta	279
OPV	314
COVID-19	7
Cholera	0
Yellow Fever	0



WASH

Indicator	Number
Number of Pit latrines available	36
Number of water treatment points	3 WTP to crisis and 1 WTP for host community
Number of hand washing facilities	3 HWF at the health facilities
Quantity of weekly water supplied	120 cubic meters (MSF, IOM, MEDAIR)
Capacity of water storage tanks	20,000L at TC and 10,00 L at RC
Number of waste disposal sites	2 Sites at TC and RC

GBV

Indicator	Female	Male
Number of sexual assault victims	0	0
Number of gender based physical assault cases	1	0
Referred for assessment/treatment	0	0

Meetings & Partner support-Renk

Meetings held

Meeting	Names of organizations/agencies who attended
Renk coordination meeting	CCCM, UNHCR, WASH, Protection, Health, FSL, S/NFI, and Nutrition
Interagency coordination meeting	CCCM, UNHCR, WASH, Protection, Health, FSL, S/NFI, and Nutrition
Health, Nutrition and WASH cluster meeting	SMoH, WHO, UNICEF, RI, IOM, GOAL, WVI, IMC, and UNHCR

Partner Support

Agency/Organization	Area of focus
RI	Renk hospital, Transit, other Primary health centers across Renk
IMC	Transit site
IOM	Reception center
GOAL	SC at Renk county Hosp, nutrition screening at reception centre
MSF	Measle case management – Renk County Hosp, Mobile clinic at Zero



Key Interventions and ongoing activities for the Sudan Crises



- WHO/CHD is coordinating the overall emergency health, and nutrition clusters responding in response through the existing structures.
- WHO/MoH deployed 4 teams to conduct the health-related rapid assessment and coordinate health emergency response in areas with high numbers of Refugees and Returnees.
- WHO managed to distribute or preposition a total of 269 Health Emergency Health kits to six locations that can benefit around 101,555 for three months at the cost of \$ 142,710.
- Kits issued were mainly IEHK, Pneumonia, Cholera Investigation & treatment Kits, SAM/MC kits, and Field Sample Collection Kits. **Others include Snake Venom antisera & SARS COV-2 Ag RDT.**
- Strengthening Early Warning Alerts and Response Systems (EWARS) for timely detection and investigation of priority diseases under active surveillance
- MoH/WHO has started training for stabilization centers to support the inpatient management of Severe Acute Malnutrition (SAM) with medical complication cases.
- WHO guided partners on immunization in humanitarian crisis and vaccination has been instituted at the points of entry with support from IOM



**OVERALL
CONCLUSIONS AND
RECOMMENDATIONS**



Conclusions

- In week 26, 2023, the IDSR reporting timeliness and completeness were at **73%** and **82%** respectively, while EWARN sites were both at **90%**
- A total of 140 alerts were triggered in **week 26, 2023** and majority of the alerts(**41/140**) **29%** were for **malaria**, measles (33/140) 23.5%, and AWD (33/140) 23.5%,
- National Rapid Response team deployed to investigate Suspect Viral Hemorrhagic Fever (VHF) cases reported from Dajo and Pashimbi in Longechuk County Upper Nile state.
- Measles outbreak in Renk County, with 334 cases and 10 related deaths giving a CFR of 2.9% as of week 26
- As of July 9, 2023, a total of **138,142 individuals** and **37,156 households** have arrived in South Sudan through 15 PoEs with a majority (90%) entering through Joda to Renk

Recommendations



- Partners to continue supporting County Health Departments (CHD) & State Ministries of Health on timely IDSR/EWARN reporting and involve the boma health workers to support community-based surveillance
- Health facilities to conduct an initial investigation on suspected cases of epidemic-prone diseases and collect samples
- Continue with preparedness activities to strengthen surveillance at all levels including conducting after-action reviews and simulation exercises.
- Continue to support the multicluster response strategy in the reception sites for returnees/refugees' influx due to the Sudan crisis



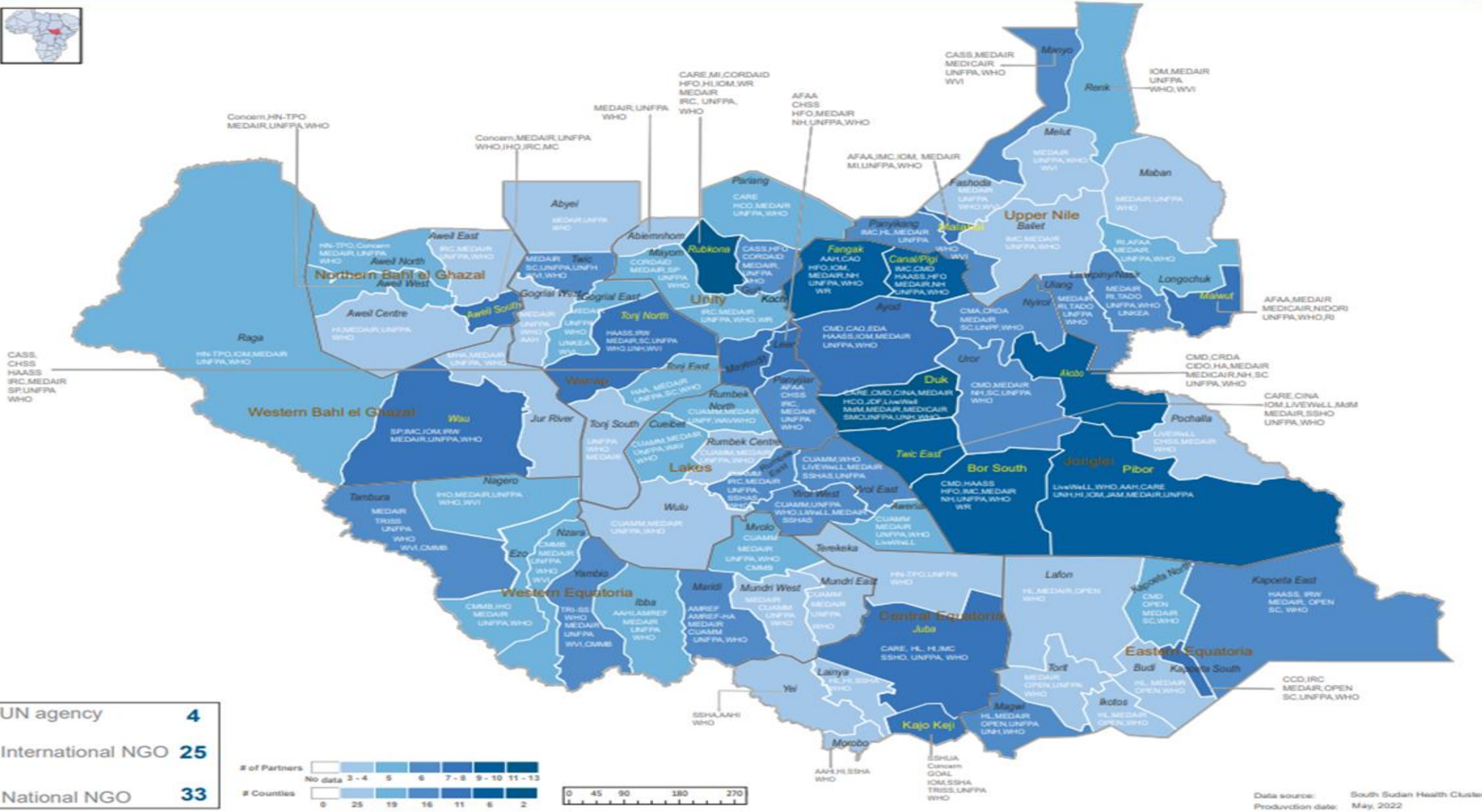
HSR timeliness & completeness performance at county level for week 26 and 25 of 2023 (2)



STATE	COUNTY	Implementing Partners	Total Number of Functional Health Facilities	No. of HFs Reported on Time in WK 26	Percentage of Timeliness in WK 26	No. of HFs Reported regardless of time in WK 26	Percentage of Completeness in WK 26	No. of HFs Reported regardless of time in WK 25	Percentage of Completeness in Wk 25
EES	Torit	ORDAID, OPEN	11	11	100%	11	100%	11	100%
GPA	Pibor	ForAfrika, Medair	8	8	100%	8	100%	8	100%
GPA	Pochalla	ForAfrika	7	7	100%	7	100%	7	100%
Jonglei	Twic East	IOM,CARE,SMC	9	9	100%	9	100%	0	0%
Jonglei	Duk	MdMS, CARE, SMC,Medicair,	13	13	100%	13	100%	13	100%
Jonglei	Bor	Medicair CRSF, CARE LiveWellISS	19	19	100%	18	95%	19	100%
Jonglei	Ayod	CMA,MEDAIR	13	12	92%	12	92%	12	92%
EES	Lopa Lafon	HLSS	15	12	80%	15	100%	15	100%
Jonglei	Uror	CMA,MEDICAIR	8	6	75%	6	75%	6	75%
EES	Magwi	HLSS	19	14	74%	16	84%	18	95%
Jonglei	Akobo	CIDO,MEDICAIR,SCI	15	11	73%	11	73%	11	73%
EES	Kapoeta East	IRW, Amref-CCF	7	5	71%	5	71%	6	86%
EES	Kapoeta South	Amref-CCMF	9	6	67%	8	89%	8	89%
Jonglei	Fangak	Medair, WR, HFO AAH,CMD,IOM,MSF	22	14	64%	14	64%	17	77%
Jonglei	Canal Pigi	IMC, CRESA	13	8	62%	8	62%	8	62%
Jonglei	Nyirrol	CMA	2	1	50%	1	50%	1	50%
EES	Ikotos	HLSS	19	7	37%	14	74%	15	79%
EES	Budi	HLSS	17	3	18%	12	71%	16	94%
EES	Kapoeta North	Amref-CCMF	10	1	10%	4	40%	0	0%

STATE	COUNTY	Implementing Partners	Total Number of Functional Health Facilities	No. of HFs Reported on Time in WK 26	Percentage of Timeliness in WK 26	No. of HFs Reported regardless of time in WK 26	Percentage of Completeness in WK 26	No. of HFs Reported regardless of time in WK 25	Percentage of Completeness in Wk 25
Warrap	Tonj East	SCI, Amref-CCMF TADO	12	12	100%	12	100%	12	100%
Warrap	Twic	GOAL	28	28	100%	28	100%	28	100%
Warrap	Tonj South	Amref-CCMF	12	12	100%	12	100%	12	100%
Upper Nile	Ulang	GOAL, UNKEA, RI MSF-E	9	9	100%	9	100%	9	100%
Warrap	Gogrial East	GOAL, UNKEA HFO	15	14	93%	14	93%	13	87%
Upper Nile	Maban	RI	19	17	89%	18	95%	19	100%
Warrap	Tonj North	HAASS,WVI, Amref-CCMF IRW	15	13	87%	15	100%	12	80%
Warrap	Gogrial West	GOAL	31	26	84%	26	84%	26	84%
Upper Nile	Baliet	IMC,CRES-Aid CONSERN, HL	5	4	80%	4	80%	5	100%
Upper Nile	Akoka	IMC	5	4	80%	5	100%	5	100%
Upper Nile	Makal	IOM, IMC,MSF-E	9	6	67%	6	67%	8	89%
Upper Nile	Luakpiny Nasir	UNKEA RI	10	6	60%	10	100%	8	80%
Upper Nile	Manyo	CORDAID,CASS, SPEDP	15	6	40%	6	40%	11	73%
Upper Nile	Fashoda	CORDAID	12	4	33%	6	50%	6	50%
Upper Nile	Maiwut	NIDO	11	2	18%	10	91%	4	36%
Upper Nile	Melut	WVI	9	1	11%	2	22%	1	11%
Upper Nile	Longechuk	NIDO	9	1	11%	8	89%	6	67%
Upper Nile	Renk	WVI	13	0	0%	9	69%	9	69%
Upper Nile	Panyikang	CRES-Aid, HL	2	0	0%	0	0%	0	0%

South Sudan Health Cluster HRP Partners 2022



Thanks to the State Surveillance Officers, County Surveillance Officers and Health Facility in-charges for sharing the weekly IDSR data

Thanks to all partners for supporting IDSR weekly reporting and sharing the line lists

To access the IDSR bulletins for 2022 use the link below:

<https://www.afro.who.int/publications/south-sudan-weekly-disease-surveillance-bulletin-2023>

This bulletin is produced by the Ministry of Health with Technical support from WHO

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Notes

WHO and the Ministry of Health gratefully acknowledge the surveillance officers [at state, county, and health facility levels], health cluster and health pooled fund (HPF) partners who have reported the data used in this bulletin. We would also like to thank ECHO, USAID and World Bank for providing financial support.

The data has been collected with support from the EWARS project. This is an initiative to strengthen early warning, alert and response in emergencies. It includes an online, desktop and mobile application that can be rapidly configured and deployed in the field. It is designed with frontline users in mind, and built to work in difficult and remote operating environments. This bulletin has been automatically published from the EWARS application.

More information can be found at <http://ewars-project.org>

