

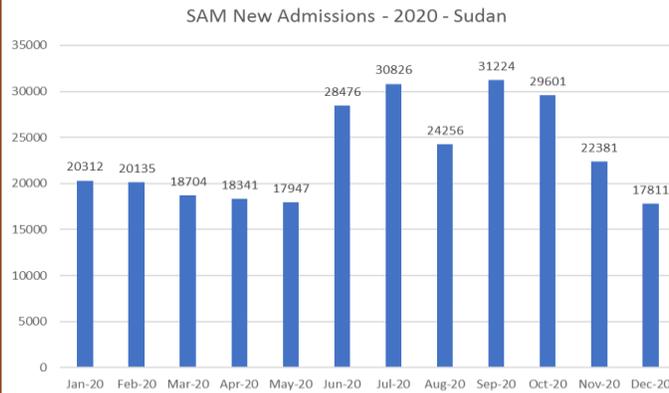
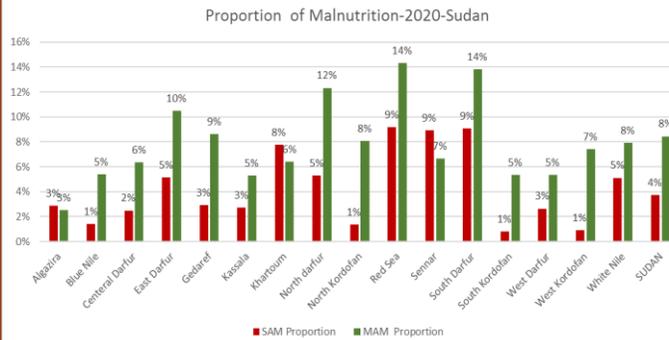


# Nutrition Surveillance Bulletin-2020



## Highlights- Overall Sudan- 2020:

- 3,254 functional Nutrition Centers
- 38,399 Children admitted to SC programs
- 255,010 Children admitted to OTP programs
- 433,264 Children admitted to TSFP program
- 99,206 PLWs admitted to TSFP program
- 5,811,869 Children Screened for malnutrition

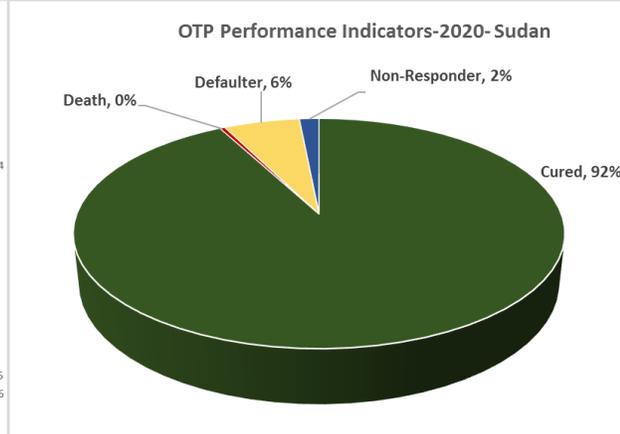
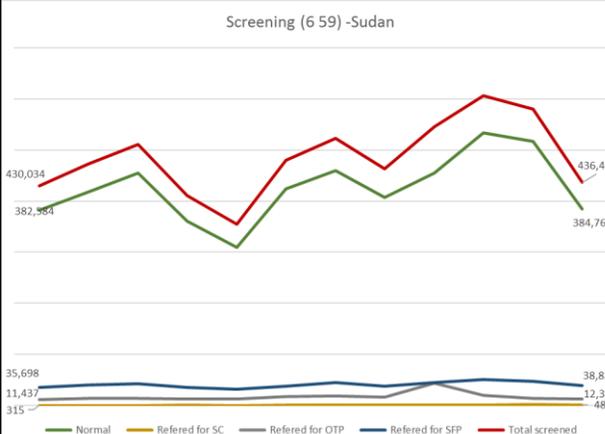
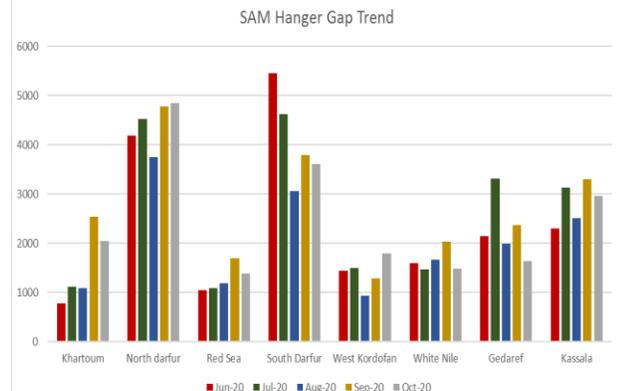
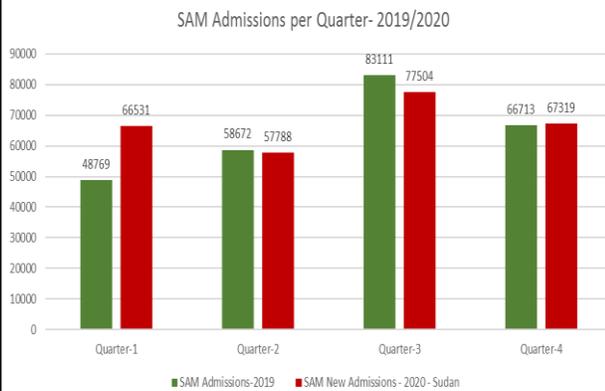


## Acute Malnutrition-Overview 2020:

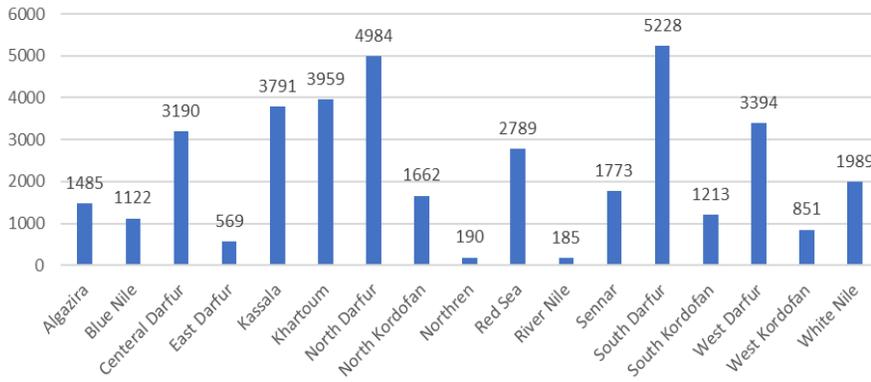
- The overall trend for *Severe Acute Malnutrition* (SAM) and *Moderate Acute Malnutrition* (MAM) followed the yearly pattern of admissions. It shows increment of admission during the hunger gap period (June -October) due to food insecurity and poor childcare practices
- The pattern in the hunger gap observed decrease in the number of admission cases during (August) in most of the states.
- High MAM proportion observed in South Darfur (14%), Red Sea (14%) and North Darfur (12%),
- High SAM proportion observed in Red Sea (9%), South Darfur (9%) and Khartoum (8%)
- In-depth analysis of North Darfur MAM proportion revealed (21%) of MAM proportion in both **Al Malha** and **Kornoy** localities.
- Average SAM admissions per month for overall Sudan was (23,335) children.

## Screening - 2020:

- Total number of cases screened in 2020 is (5,811,869) children with average of (484,322) Children per month.
- Overall Sudan SAM Proportion is (4%) and MAM proportion is (8%). Proportions are aligned compare to S3M II prevalence of (2.7%) SAM and (10%) MAM respectively.
- Total SAM New Admissions increased by (8%) between 2019 and 2020 with an average increase of (4,122) cases per quarter.



SC New Admissions (States)-2020-Sudan

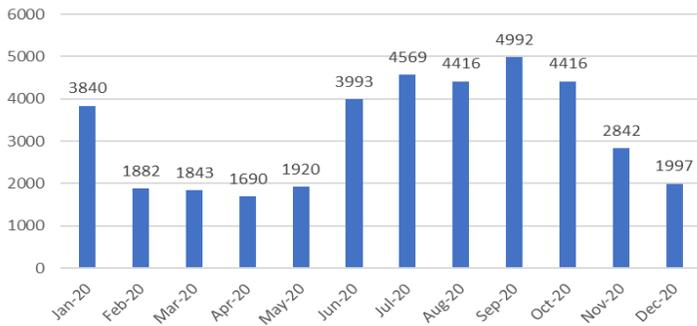


**Treatment of Acute Malnutrition:**

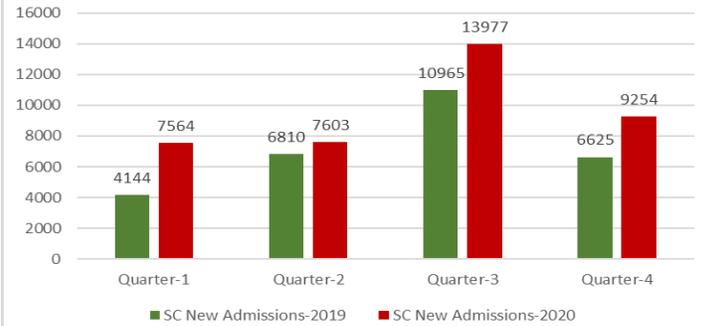
**Stabilization Centers (SC) Admissions -2020:**

- SC total admissions reached **(85%)** of the total planned target for 2020.
- Highest admissions observed in South Darfur representing **(14%)** of the total admissions followed by North Darfur **(13%)**.
- Underachievement was observed in some states such as River Nile state reached only **(4%)** of the target While East Darfur and Northern reached only **(14%)** of the total planned target for 2020.

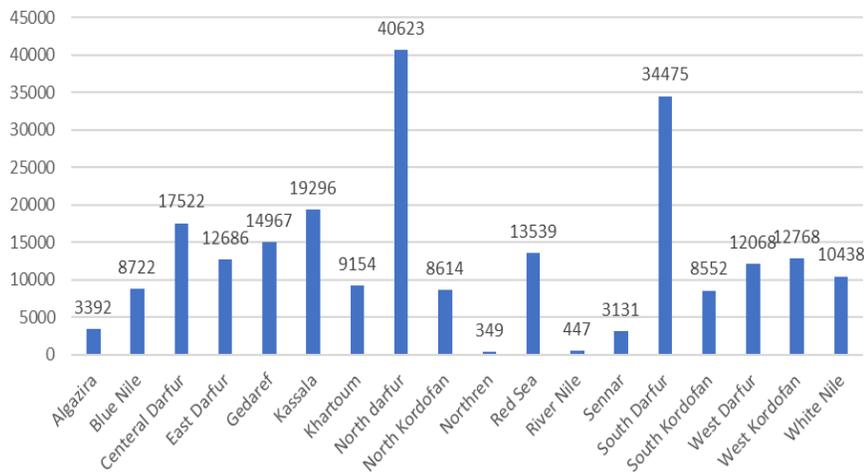
SC New Admissions-2020-Sudan



SC Admissions 2019-2020



OTP New Admissions (States)-2020-Sudan

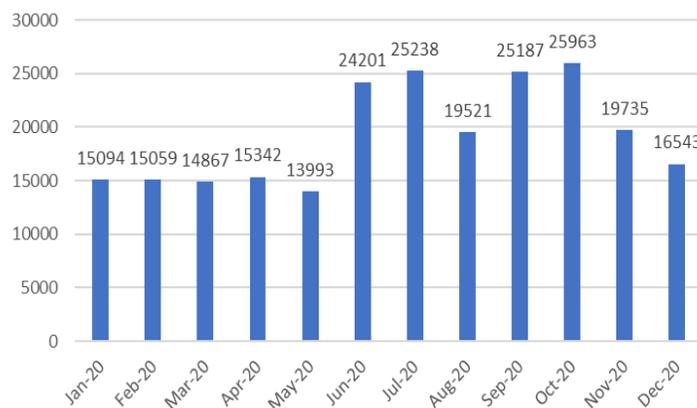


**Treatment of Acute Malnutrition:**

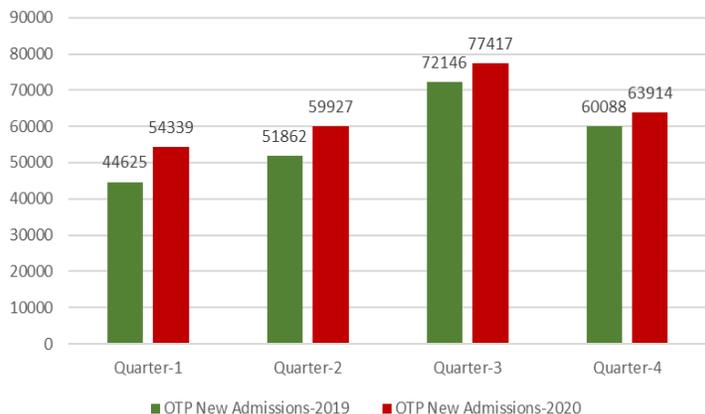
**Outpatient therapeutic program (OTP) Admissions- 2020:**

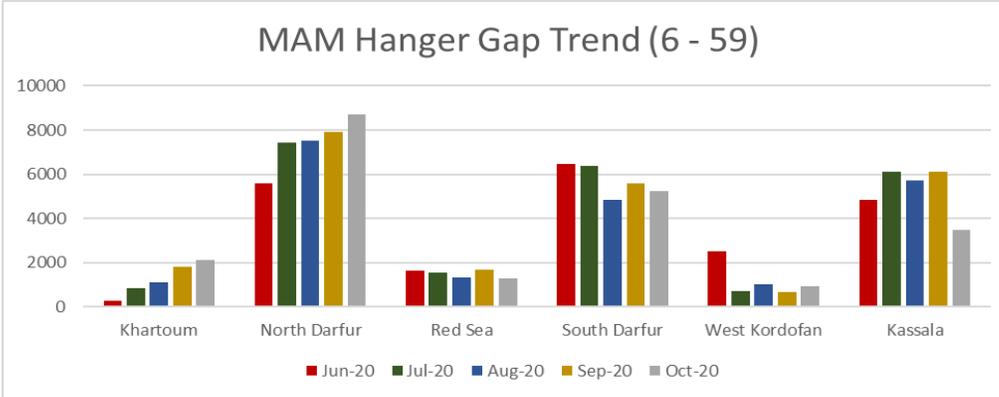
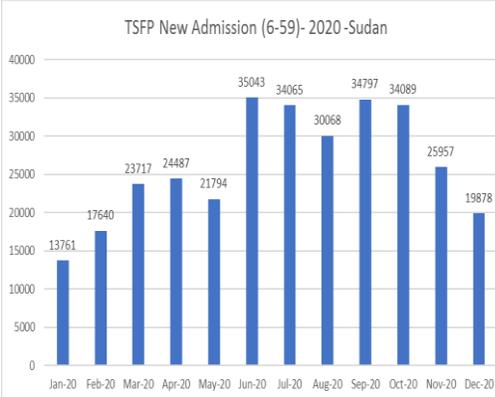
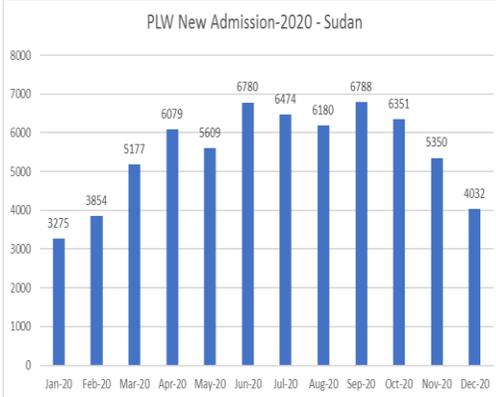
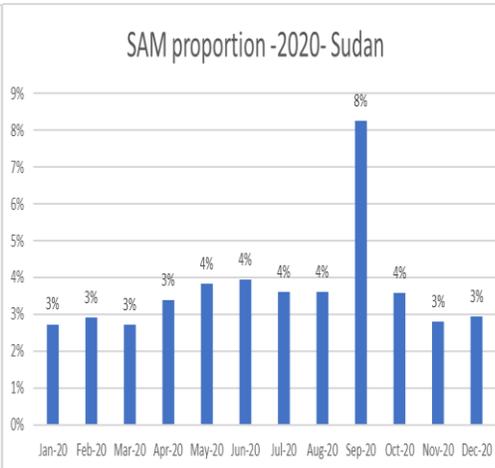
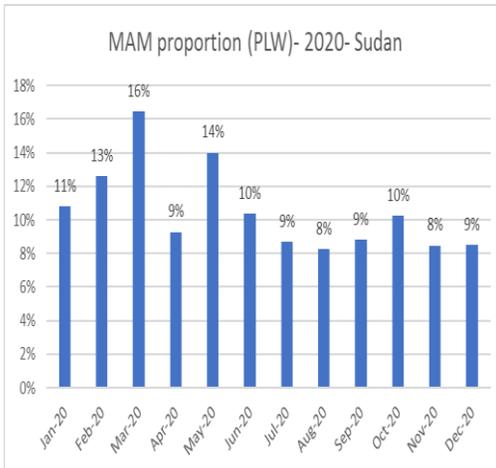
- OTP total admissions reached **(85%)** of the total planned target for 2020.
- Highest admissions observed in North Darfur followed by South Darfur representing **(18%)** and **(14%)** of total admissions respectively.
- The same SC pattern of increase of admission in quarter three also observed in the OTP trend assuring the effect of the hunger gap period in malnutrition.
- River Nile and Northern states also showing a similarity with the SC trend of low admissions.

OTP New Admissions-2020-Sudan



OTP Admissions 2019-2020

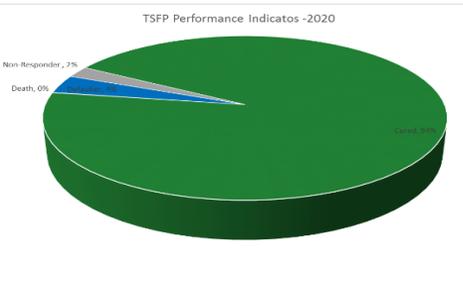
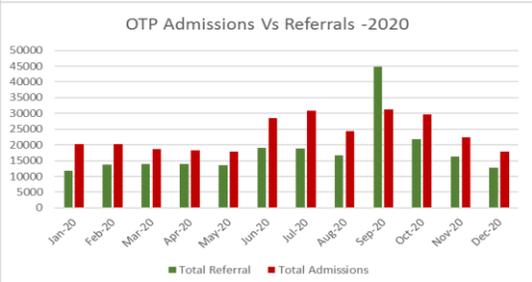
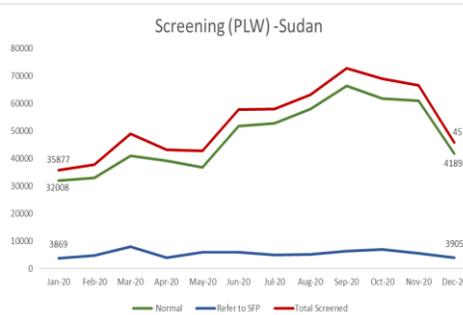
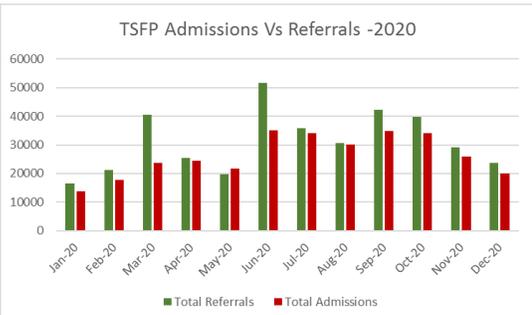




**Treatment of Moderate Acute Malnutrition:**

**Moderate Acute Malnutrition (MAM) Admissions- 2020:**

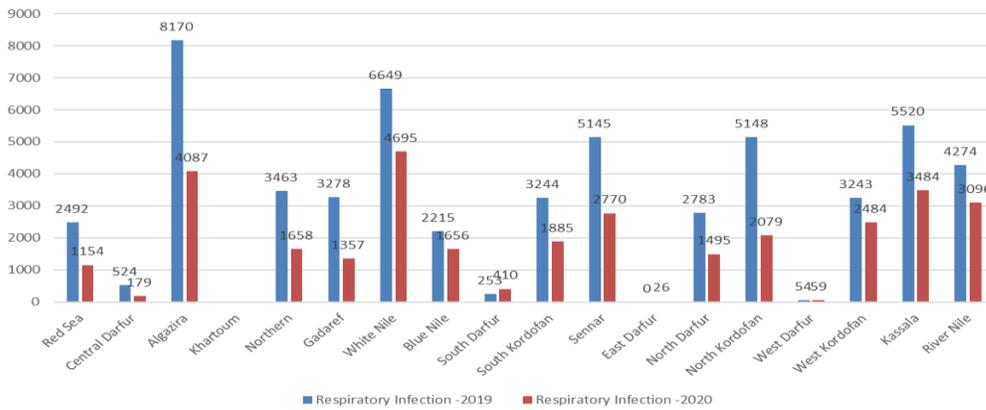
- The trend of SAM showing similar trend throughout the year except in September with incline of more admission
- MAM trend of PLWs revealing a wide range between (8% - 16%). Unexpected incline of (16%) is observed in March.
- The period between (February - May) revealed significant increase in the MAM trend of PLWs.
- Total number of <5 children newly admitted is (315,296) children with average of (26,275) children per month during 2020.
- Total number of PLWs newly admitted during the period is (99,206) PLWs with average of (8,267) PLWs per month.
- TSFP pattern of admissions is showing a great similarity with SAM admissions trend.
- The same pattern of decline in admissions during August observed also in the TSFP in both children and PLWs.
- The highest number of MAM admissions during the year was observed in North Darfur (67,958) representing (22%) of the total admissions followed by South Darfur (53,823) representing (17%) of the total admissions.
- The in-depth analysis of North Darfur admissions revealed that ElFashir locality admissions is the highest (18041) among the whole state localities.
- The lowest admissions observed in Sinnar (2,028) representing only (1%).



**Screening & Referrals – 2020:**

- Total number of PLWs cases screened in 2020 is (641,914) PLWs with average of (54,192) PLWs per month.
- The screening graphs are revealing good performance of community volunteers in screening and case detection
- Performance indicators of CMAM components revealing good performance within sphere standards.
- High cure rate (94%) observed during the period.
- The highest number of PLWs cases screened during the year was observed in North Darfur (241,678) representing (38%) of the total screened followed by Central Darfur (88,657) representing (14%) of the total screened.

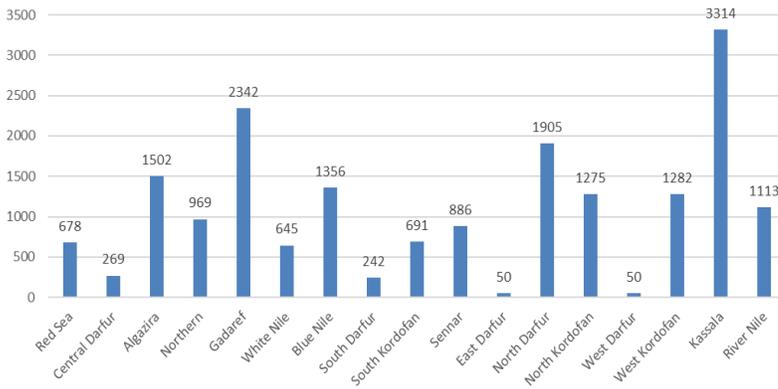
Respiratory Infection Trend



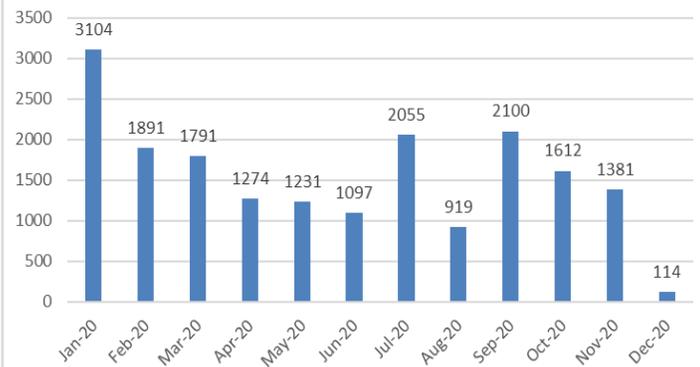
**Diseases -2020:**

- The reports reveal significant reduction in the trend of respiratory infection for children in 2020 compared to 2019.
- The comparison between the respiratory infection and malnutrition trend didn't show alignment enhancing more analysis and study to know the situation and better compare these two morbidities.
- The comparison of the Diarrhea trend with malnutrition is revealing the same results of respiratory infection.

Diarrhea -2020



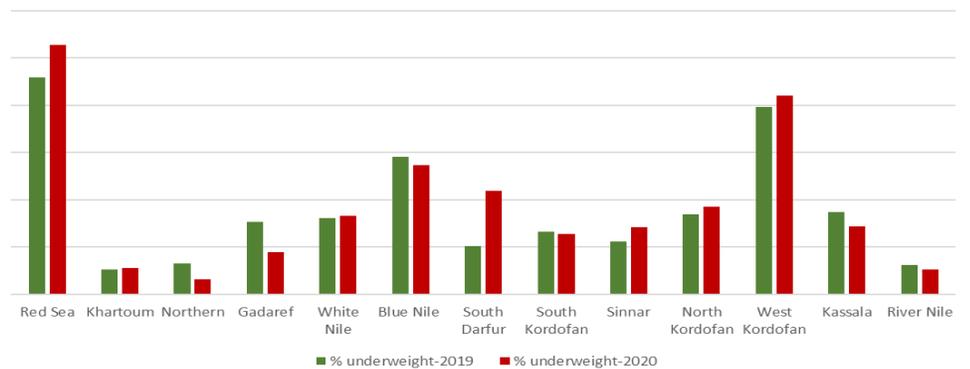
Diarrhea -2020



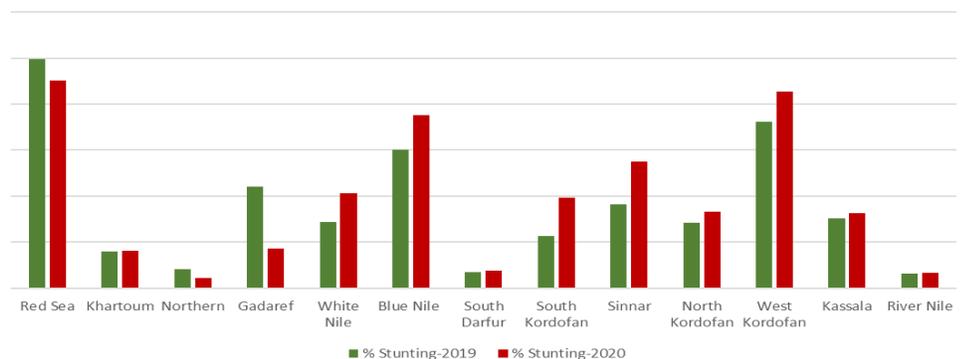
**Growth Monitoring-2020:**

- Total number of visits to the growth monitoring program during the period is **(1,145,829)** visits out of which **(95,958)** classified as underweight while **(40,472)** were classified as stunted.
- The trend of is showing variation among states during the period under reporting. Red Sea, Kassala and Khartoum states were showing the highest number of underweight of **(40028)**, **(11700)** and **(10860)** respectively.
- The stunting trend viewing variation all around the country.
- The highest number of stunting cases observed in Red Sea, Khartoum and Kassala states with total number of **(13654)**, **(6467)** and **(5333)** respectively.
- For both underweight and stunting the three states (Red Sea, Blue Nile and West Kordofan) revealed the poorest nutrition status among the targeted children.

Proportion of underweight (< 5 years )-Sudan



Proportion of stunting (< 5 years )-Sudan



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