



Quarterly results: Immunization Situation Analysis Summary January-March-2023

Background

- ❖ The estimated country population is more than 16 M in 2023.
- ❖ The country has 123 districts registered in the DHIS2 in 2023.
- ❖ Out of these districts there are 9 districts remained hard to reach which is **11%** of the districts registered in the DHIS2.
- ❖ There are 1,702 HF's registered in the DHIS2 in all types i.e., including TB, HIV, HCs, Hospital, outreach and mobile.
- ❖ 986 health facilities are not providing immunization service which is **58%** of the facilities registered in the DHIS2.
- ❖ And 716 Health facilities are EPI providing which is **42%** of the total health facilities across the country.
- ❖ In 2022 the zero dose children are estimated **19%** of the annual target while this Q1 of 2023 has zero dose of **23%** out of the quarterly target under one child 169,445.
- ❖ The annual children for under target in 2023 were 169,445.
- ❖ In response to the COVID-19 pandemic the country has reached **46%** of its eligible population and about 9 million doses were administered during the COVID-19 exercise.

The districts that have not reported in quarter one of 2023

S/N	Region	District	Pop 2023	S/infant
1	Bakool	TIYEGLOW	124,662	1,184
2	Galgadud	CEELBUUR	124,267	1,181
3	Galgadud	ELDHARE	114,709	1,090
4	L/jubba	HAGAR	16,941	161
5	M/jubba	BUALE	98,179	933
6	M/jubba	JILIB	106,645	1,013
7	M/jubba	MAREREY	67,531	642
8	M/jubba	SAKOW	68,913	655
9	SL-sool	HUDUN	89,182	847
Total	4 Region	9 Districts	811,029	7,705

Here above are 9 districts in the country under the following states juba-land state, southwest and Somaliland with total population of 7,705 under 1 children who remained under served due to hard to reach, its **11%** of the districts, and its **4%** of quarterly target children for 2023, Most of the districts unserved come from the Juba-land, Galmudug, SWS& Somaliland

National dropout rate for P1,3 and MCV1/2 in quarter one 2023

The national drop out rate for quarter one 2023



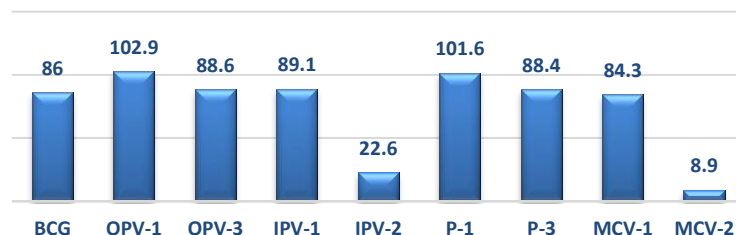
The above chart shows the national dropout rate for quarter one in 2023 by the following indicators P1&3 and Measles 1& 2 for quarter one in 2023, according the acceptable rate for dropout rate in any antigens are less than 5% according to the universal WHO policy. As shown in the chart the measles 1&2 has dropout rate 89% which unusual result, for the reason measles 2 was introduced in 2020 quarter four and due to lack public/community sensitization for the new schedule for IPV2&MCV2 has caused low uptake of these two antigens. Therefore, in this quarter a joint supportive supervision was conducted to improve the uptake the measles 2 and IPV2 jointly by HMIS&EPI teams at the national, state, region and the districts and the exercise was reached 110 health facilities across the country.

Introduction

- ❖ Quarter one 123 districts are in the DHIS2 and 114 districts have reported immunization service.
- ❖ And 9 districts remained hard to reach and their children remained unimmunized with total of 70705 under children remained unserved.
- ❖ Out the 114 reported 55 districts have over 100% coverage in MCV1 and its 45% of the districts reported.
- ❖ 34 districts are below 50% which 28% of the districts reported.
- ❖ The 26 of 34 with low performance are southcentral zones and 8 Somaliland.
- ❖ 22 are districts are between 50-80% coverage while 17 southcentral.
- ❖ There are 10 districts between 80-95%, and 9 are SCZs while one is in Somaliland.
- ❖ The quarterly target was 169,445 and 172,230 children were reached through routine service which calculates 102% in P1.
- ❖ There are 39269 zero dose children reported as subnational shows.
- ❖ There was environmental AFP case reported in Burhakabo SWS.
- ❖ There were 585 cases of measles reported from national lab.

Quarterly indicator performance

Country indicators performance for quarter one 2023



The above are 5 major vaccinations that Somalia is implementing to under 1 children and TD vaccine for pregnant mothers. The above coverage is the result of routine immunization implemented in the first quarter of 2023, OPV1 & P1 shows high coverage and IPV2, MCV2 is showing low coverage as its introduced newly.

The coverage of P3, MCV1 & dropout rate by state in quarter one 2023

State	MCV1	P3	Dropout rate P1&3
Banadir	83%	82%	14%
Galmudug	54%	59%	24%
Hirsh-belle	73%	63%	22%
Juba-land	96%	76%	20%
Puntland	61%	83%	6%
Somaliland	63%	84%	4%
SWS State	112%	99%	16%

The above table is state wise coverage for p1, p3. MCV1 & dropout rate Penta1& p3. As the coverage shows that Galmudug, H/Shabelle, Juba-land, Puntland and Somaliland has very low performance in MCV1 and as well penta3 Galmudug, H/Shabelle and Juba-land have also performed less 80% but southwest state has very high coverage in MCV1 of 112% while penta3 99%.

The dropout rate all the states have high dropout rate except Puntland and Somaliland have dropout rate less 10% which is the acceptable according to the universal policy of the dropout rate. The immunization teams are working hard to reduce the high coverage dropout rate.

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Measles surveillance report

State	Province	Equivocal	IgM+	IgM-ve	Total
BANADIR	BANADIR		210	14	224
GALMUDUG	GALGADUD		3	14	17
	South Mudug		14	21	35
HIR SHABELLE	HIRAN		124	5	129
	M/SHABELLE		51	45	96
JUBALAND	LOWER JUBA		54	7	61
SOUTHWEST	BAY		94	12	106
	L/SHABELLE		24	8	32
PUNTLAND	MUDUG		11	8	19
Grand Total		0	585	134	719

AFP case details reported in this quarter

The case is a male child of 24 months old, date of onset of weakness is 2nd March 2023 and identified on 11th March 2023 in Bay Regional Hospital from Burhakaba district. The child was born in Saudi Arabia and the family shifted from Saudi Arabia 18 months ago to Burhakaba district. The cVDPV2 virus isolated from this child has 63 nucleotide differences (nt diff) from Sabin 2, and is genetically linked to the cVDPV2 sequence for SOM-LSH-AWD-22-001 C2 (ntdiff=9) (AWDEGLEE district,emergence group SOM-BAN-1) ...

Quarterly zero dose children

Unservd children: Here are total 7705 unserved under children for 9 hard to reach districts with 4% of quarterly target children for 2023.

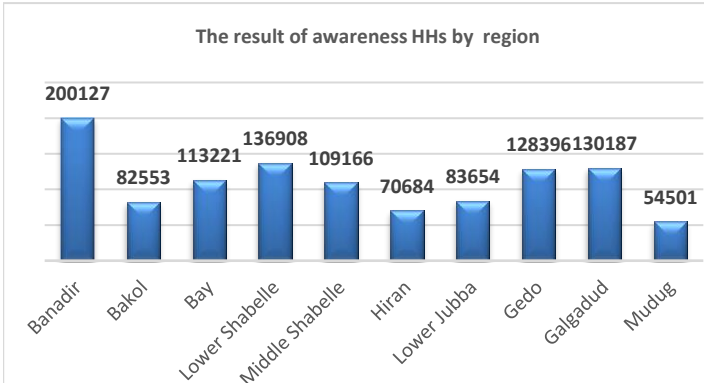
Quarterly zero dose children: these are total of 39269 zero dose children in quarter one 2023 with 23% of eligible quarterly target population.

Missed opportunities: There are also high number of children who could not receive the vaccine due to missed opportunities which another contributing factor for zero does children.

Monthly distribution for ZDCs: The total ZDC are 39269 that represents the 23% of quarterly target children and these are monthly January 14478,9%, February 17272,10% and March 7519,4%. In the administrative wise Banadir and Hargeisa is the leading of zero dose.

Region	BCG	Measles	IPV	Penta	TD
Banadir	1,200	2,000	4,000	2,500	2,000
M/Shabelle	400	1,000	2,000	1,500	1,000
Bay	1,000	1,000	2,000	2,300	1,000
Bakool	400	800	1,600	1,500	800
Gedo	500	600	1,200	1,300	600
Hiran	400	600	1,200	1,400	600
Lower Jubba	500	700	1,400	2,000	700
L/ Shabelle	700	900	1,800	2,200	900
Galmudug	800	1,000	2,000	2,100	1,000
Grand total	5,900	8,600	17,200	16,800	8,600

C4D quarterly summary updates



COVID-19 updates for quarter one 2023

State	Total administered doses	% Partially vaccinated	% fully vaccinated	Doses adm / 100 pop
Banadir	3,041,066	28.7	78.2	128.7
Galmudug	1,042,248	1.0	98.6	110.7
Jubaland	1,236,968	10.1	56.5	69.4
SWS	1,379,662	2.7	38.6	44.6
Hirshabele	1,149,523	6.4	69.7	84.6
Puntland	1,531,125	11.7	45.0	58.8
Somaliland	771,694	6.0	9.0	18.3
Total	10,152,286	9.8	45.7	62.1

Global vaccination updates, the number of doses administered 13,325,228,015, at least one dose 5,545,760,991, completed 5,104,768,538. People received first dose 2,672,656 while fully vaccinated were 7,479,630. First dose 55% of the vaccinated people were male while 45% were female and for dose 2 Male were 56% while female was 44%. And Country coverage 46%

COVID-19 new suppliers arrived in the country

- 1,610,400 Jonson & Jansen has arrived to the national store.
 - 504,000 doses for Pfizer were received at the national CC store.
 - 100,000 J&J doses were distributed Puntland.
 - 17,000 Pfizer doses were provided to Puntland from the national store.
 - The total vaccines received were 2,114,400 where 100,000 J&J and 17,000 Pfizer were transported to Puntland and the national has the rest of the vaccine delivered.
- Polio quarterly activities**
- Sub-coordination committees for polio at state levels are functioning at moment.
 - The desk micro plan validation has done and 27 May 2023 will be started the first Nopv2 campaign all FMS apart from Punt land stat.
 - Novel oral polio vaccine type 2 (Nopv2) vaccine request form has been approved by the federal Ministry of health, Somalia and vaccine requested came.

Polio quarterly activities

- Strengthened the National Polio Coordination Cell (NPCC): NPCC has been established during phase 1 SEAP and is located in Mogadishu, Somalia. It works as a key hub for coordinating all polio eradication related activities. The coordination cell is now providing a platform for coordination between representatives from Government, GPEI partners and other key stakeholders. During the phase 2, NPCC will be further strengthened by:
- Strengthened coordination mechanism of outbreak response at the national and subnational level, and strategic NPCC Meeting (weekly): This coordination helps at NPCC between FMOH, UNICEF and WHO representation with the aim of strategic alignment, follow up on outbreak preparedness and response progress and critical decisions.
- Cross border coordination meeting (Fortnightly): Virtual meeting with representation from Djibouti, Ethiopia, and Kenya programs.