

# Soy North Ward Health Profile

## Situational Analysis

Soy North Ward faces significant healthcare challenges, as reflected in the health indicators. The ward ranks poorly in critical areas such as skilled birth attendance (15.9%), health insurance coverage (12%), and handwashing coverage (32%). Additionally, the ward experiences a high malaria incidence rate (73.5 per 1,000 population), which is significantly above the county average. The low immunization coverage (57.7%) and teenage pregnancy rate (10.8%) further underscore the need for targeted health interventions. Infrastructure challenges, such as inadequate staff housing, poor facility automation, and lack of proper sanitation facilities, limit service delivery and access to healthcare.

### 1. **Skilled Birth Attendance and Maternity Services Indicator: Births attended by skilled health staff (Ward: 15.9%, County: 67.5%, Rank: 16)**

- **Justification:** The low percentage of skilled birth attendance calls for improved maternity services.
- **Proposed Interventions:**
  - Construction of modern maternity facilities at Emsea, Cheptebo, Simmit, and Toror Dispensaries (Ksh. 3,000,000 - 5,000,000 per facility)
  - Procurement of assorted medical equipment (Ksh. 7,000,000) to enhance maternal care
  - Mama Penda Kits (Ksh. 2,500,000 annually) to encourage facility-based deliveries
  - Community Health Volunteers (CHVs) incentives (Ksh. 2,568,000) to promote maternal health awareness

### 2. **Immunization Coverage Indicator: Proportion of children fully immunized (Ward: 57.7%, County: 73.3%, Rank: 10)**

- **Justification:** Immunization rates below county averages indicate the need for expanded access.
- **Proposed Interventions:**
  - Outreach programs (Ksh. 2,500,000 annually) to enhance immunization coverage
  - CHV capacity building (Ksh. 2,500,000) to support immunization efforts

### 3. **Water, Sanitation, and Hygiene (WASH) Indicators:**

- Latrine Coverage (Ward: 68%, County: 73.9%, Rank: 16)
- Handwashing Coverage (Ward: 32%, County: 43.4%, Rank: 17)
- Diarrheal Disease Incidence (Ward: 2.5%, County: 8.4%, Rank: 11)
- **Justification:** Poor WASH infrastructure contributes to preventable diseases.
- **Proposed Interventions:**
  - Construction of outpatient and patient toilets (Ksh. 600,000 per facility)
  - Procurement and installation of water tanks (Ksh. 200,000 per facility)
  - Construction of burning chambers (Ksh. 1,000,000 per facility)

4. **Malaria Control Indicator:** Malaria incidence per 1,000 population (Ward: 73.5%, County: 21.6%, Rank: 2)
  - **Justification:** High malaria incidence necessitates urgent interventions.
  - **Proposed Interventions:**
    - Procurement of malaria drugs (Ksh. 2,500,000 annually)
    - Vector control programs, including IRS and net distribution (Ksh. 2,500,000)
    - Construction of laboratories for improved diagnostics (Ksh. 3,000,000 per facility)
  
5. **Teenage Pregnancy Indicator:** Teenage pregnancy rate (10-19 years) (Ward: 10.8%, County: 18.6%, Rank: 17)
  - **Justification:** The high teenage pregnancy rate demands reproductive health interventions.
  - **Proposed Interventions:**
    - Support for reproductive health outreaches (Ksh. 2,500,000 annually)
    - Community sensitization programs through CHVs (Ksh. 2,568,000)
    - Provision of contraceptive services and awareness campaigns
  
6. **Health Insurance Coverage Indicator:** Proportion covered by health insurance (Ward: 12%, County: 25%, Rank: 16)
  - **Justification:** Low insurance coverage limits access to essential healthcare services.
  - **Proposed Interventions:**
    - SHA/SHIF cover for vulnerable groups (Ksh. 1,000,000)
    - Community awareness programs to increase enrolment
  
7. **OPD Utilization Rate Indicator:** OPD Utilization Rate (Ward: 1.5, County: 1.9%, Rank: 10)
  - **Justification:** Low utilization indicates poor health-seeking behavior.
  - **Proposed Interventions:**
    - Construction of OPD blocks (Ksh. 5,000,000 per facility)
    - Procurement of essential drugs (Ksh. 2,500,000 annually)
    - Infrastructure improvements such as fencing and waiting bays
  
8. **Nutrition Indicator:** Prevalence of Stunting (Ward: 25.1%, County: 25.6%, Rank: 6)
  - **Justification:** High stunting rates necessitate nutrition interventions.
  - **Proposed Interventions:**
    - Nutrition intervention programs (Ksh. 3,750,000 annually)
    - Procurement of nutrition supplements
    - Capacity building of health staff on nutrition management

## **9. Infrastructure and Equipment**

- **Proposed Interventions:**

- Automation through procurement of ICT equipment (Ksh. 3,000,000)
- Construction of staff houses (Ksh. 2,500,000 each)
- Procurement and installation of solar power (Ksh. 500,000 each)

## **10. Emergency Services**

- **Proposed Interventions:**

- Establishment of an Emergency Transfer Centre (Ksh. 2,500,000)
- Procurement of ambulances (Ksh. 6,000,000 per unit)
- Procurement of motorbikes for outreach services (Ksh. 2,100,000)



# SOY NORTH WARD HEALTH PROFILE

DEPARTMENT OF HEALTH SERVICES

**POPULATION**  
**18,624**

**MALE**  
**9,484**

**FEMALE**  
**9,139**

**HOUSEHOLDS**  
**4,435**

## Key Indicators

Indicator	Ward	County	Rank
Births attended by skilled health staff	15.9%	67.5%	16
Incidence of diarrhoeal diseases	2.5%	8.4%	11
Proportion of children fully immunized	57.7%	73.3%	10
Latrine Coverage	68%	73.9%	16
Prevalence of Stunting	25.1%	25.6%	6
Prevalence of Wasting	5%	5.1%	6
Handwashing Coverage	32%	43.4%	17
Malaria incidence per 1,000 population	73.5%	21.6%	2
Eye diseases morbidity rate	3.3%	3.2%	5
Modern contraceptive prevalence rate	32.2%	35.2%	7
OPD Utilization Rate	1.5	1.9%	10
Proportion covered by a health insurance	12%	25%	16
Teenage pregnancy rate (10-19 years)	10.8%	18.6%	17

## Top Diseases

Disease	%	Cost
URTIs	56.4	3,559,750/-
Malaria	12.6	401,800/-
Disease of the skin	10.2	385,500/-
Pneumonia	8.6	975,600/-
Diarrhoea	6.2	234,000/-
Eye Infections	3.3	83,300/-
Urinary Tract Infection	2.2	308,000/-
Intestinal worms	0.4	10,600/-
Typhoid fever	0.2	66,500/-
Jiggers Infestation	0.1	8,400/-

## Burden of Preventable Diseases

**55%** **6,026,450/-**

## Facility Distribution



## List of Health Facilities

Health Facilities	Level
Biretwa Model Health Center	3
Changach Barak Dispensary	2
Cheptebo Dispensary	2
Emsea Dispensary	2
Epkee Dispensary	2
Muskut Health Centre	3
Sego Dispensary	2

## OPD Attendance

OPD attendance >5yrs Female	20,752
OPD attendance >5yrs Male	14,956
OPD Attendance <5yrs Female	5,163
OPD Attendance <5yrs Male	4,859
<b>Total OPD attendance</b>	<b>45,730</b>



**POVERTY LEVEL**

**41.9%**

