



PATHWAYS
MEANINGFULLY ENGAGING COMMUNITIES

NYERI COUNTY

OOP SURVEY

REPORT

SUMMARY

**“We are a policy and accountability think tank;
meaningfully engaging communities on
Population, Health, and the Environment.”**

Pathways (PPI) works to provide a safe space for advocates and communities to meaningfully influence public health, environmental and Sexual and Reproductive Health policies through research, training, and capacity strengthening.

Pathways (PPI) believes that as we head towards 2030, policy engagement has to shift into new and innovative ideas as we aim to realise evidence-led decision making for Primary Health Care.

Acronyms

FP:	Family Planning
KHIS:	Kenya Health Information System
KHSSP:	Kenya Health Sector Strategic & Investment Plan
KIS:	Key Informant's Survey
MCH:	Maternal Child Health Unit
NHIF:	National Hospital Insurance Fund
OOP:	Out of Pocket Expenditure
PPI:	Pathways Policy Institute
SDGs:	Sustainable Development Goals
SRH&R:	Sexual and Reproductive Health and Rights
SRH:	Sexual & Reproductive Health
WRA:	Women of Reproductive Age

Introduction

The survey sought to determine the Out of Pocket Expenditure (OOP) incurred by Women of Reproductive Age (WRA) in the Country (Kenya) by assessing:

- The Family Planning (FP) services offered in the hospitals,
- The number of WRA visiting hospitals for FP services,
- The cost of FP services thus expenditure incurred by WRA,
- The mode of payment (Cash, NHIF or other insurances),
- The revenues earned from rendering the FP services, and
- The per capita cost in accessing FP service in various hospitals.

The survey's primary data was obtained from the hospitals' Kenya Health Information System (KHIS) records. Additional information on the cost of services and mode of payments was obtained from the hospitals' records personnel and/or accountant.

The survey also undertook a Key Informant's Survey (KIS) with preset questions to obtain general information on the delivery of FP services as well as interrogate some observed trends in the primary data collected.

This survey reviewed hospital data on FP services for 12 months during the financial year from July 2020 to June 2021.

Nyeri County Survey Analysis

Introduction

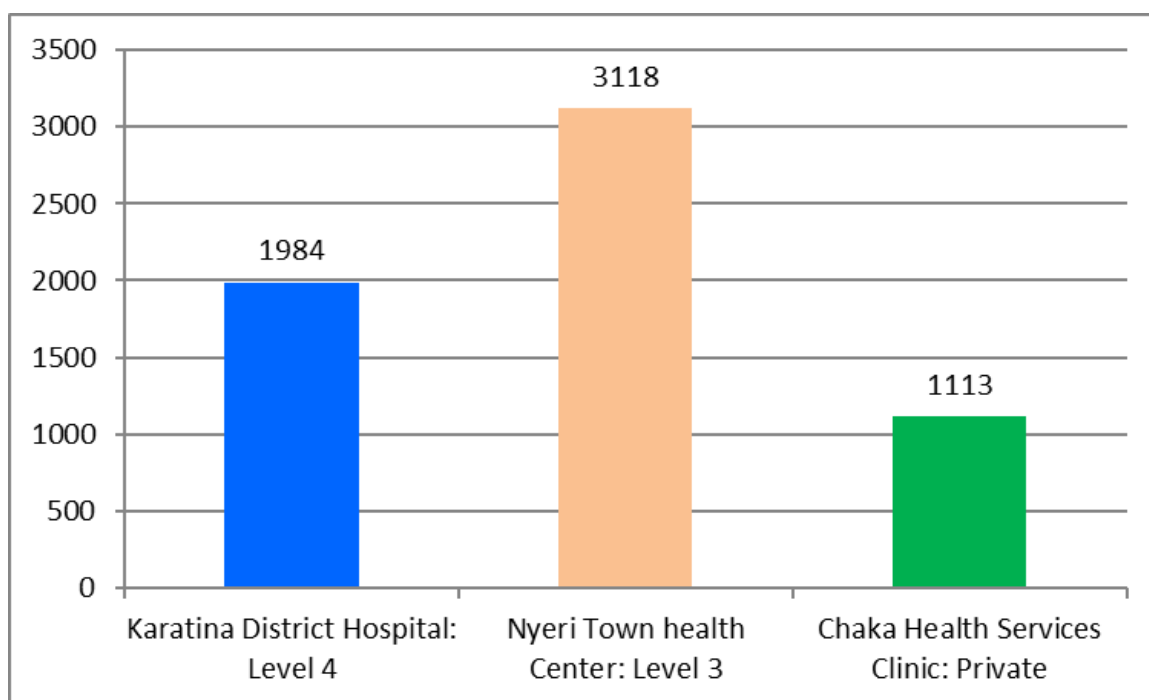
This section presents data in form of figures, tables and narrations. The data presentation tries to capture the survey's outlined targets including;

1. The number of WRA visiting hospitals for FP services,
2. The FP services offered in the hospitals,
3. The cost of FP service thus expenditure incurred by WRA,
4. The mode of payment (Cash, NHIF or other insurances),
5. The revenues earned from rendering the FP services, and
6. The per capita cost for WRA in accessing FP service in various hospitals and Counties.

Visits for FP service in the three hospitals located in Nyeri County

The number of visits for FP services in the three hospitals located in Nyeri County is given in the figure below. In Nyeri County, Nyeri Town health center has the highest number of FP service visits at 3118 followed by Karatina District hospital with 1984 visits for FP services. Chaka Health Services has 1113 FP service visits. See the figure below.

Figure showing FP Services offered in the three hospitals located in Nyeri County

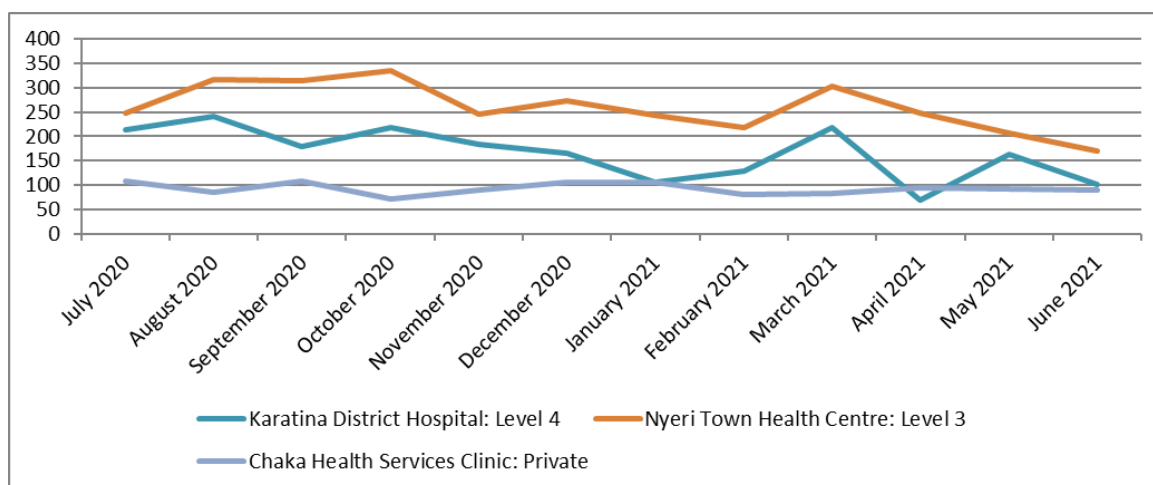


Trend In Hospital Visits Over The Survey Period

The figure below gives the trend of hospital visits for FP services in the surveyed hospitals during the 2020 to 2021 financial year.

Hospital visits in Nyeri Town Health Center are highest for all three hospitals owing to their proximity to an urban center and demographic composition of the dwellers in Nyeri town. The area surrounding Nyeri Town medical center has a higher number of young adults and college/university students. Additionally Nyeri Town Health center does not charge for FP services.

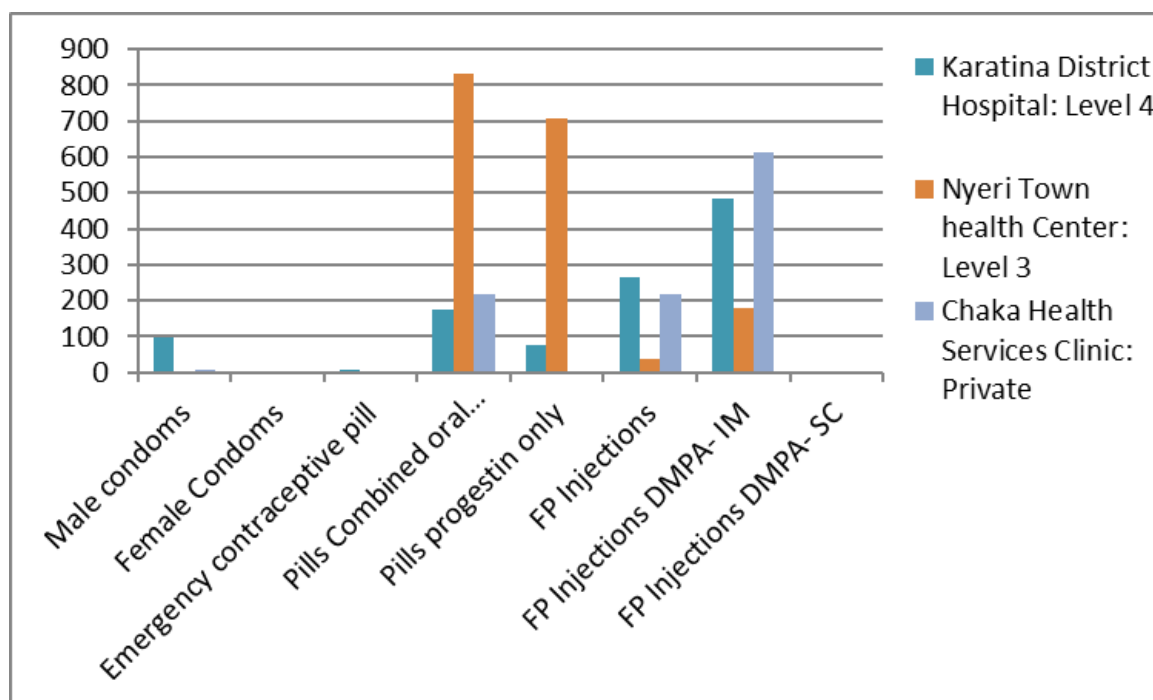
Figure showing trend of visits for FP services between July 2020 and June 2021



Short- Term FP Services Offered in the three Hospitals Located in Nyeri County

In Nyeri County, the short-term FP services offered include Male Condoms, Pills Combined oral contraceptives, Pills progestin only and FP injections DMPA-IM. The survey observed that FP injection DMPA-SC is not in supply in the hospitals. The figure below shows the short-term FP services offered and accessed in the three hospitals located in Nyeri County.

Figure showing Short-Term FP Services Offered In The Three Hospitals Located in Nyeri County

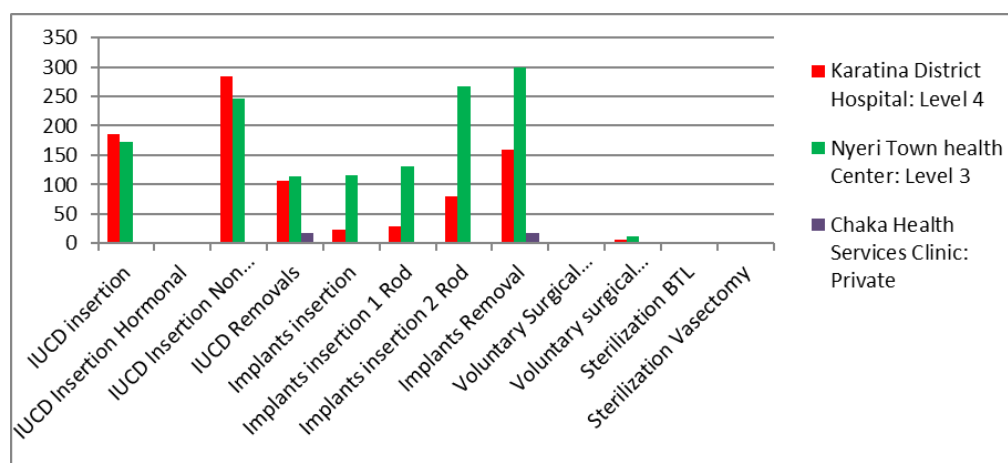


The short-term FP service with the highest number of visits is Pills Combined oral contraceptive in Nyeri Town Health center at 832 WRA visits followed by Pills Progestin only with 709 WRA accessing the service at Nyeri Town Health center. Access to FP injections DMPA-IM is highest at Chaka Health Services Clinic recording 614 visits and at Karatina District Hospital 486 WRA accessed the same service.

Long-Term FP Services Offered In The Three Hospitals Located in Nyeri County

In Nyeri County, the long-term FP services offered include IUCD insertion Non-Hormonal and implants insertion 1 rod and 2 rods. The figure below shows the long-term FP services offered in the three hospitals located in Nyeri County.

Figure showing Long-Term Services Offered In The Three Hospitals Located in Nyeri County



The figure above shows the highest accessed long-term FP services in the Nyeri County hospitals as IUCD insertion Non-Hormonal with 284 visits at Karatina District Hospital, 267 Implant insertion at Nyeri Town Health Center, and 246 IUCD insertion at Nyeri Town Health center.

Cost of FP Service and Hospital Revenues

The information gathered on the cost of FP services in Nyeri County surveyed hospitals is given in table below. The survey gathered that all public facilities below level four do not charge any fee for accessing FP services. The surveyed level four facility Karatina District Hospital only charge a card registration fee Ksh 50 and a consultation fee Ksh. 50. The private hospitals on the other hand charge for FP service at their own discretion to meet the cost of running their business. It is also notable that the national government supplies the family planning commodities to the private and public facilities at no cost and there are no controls on charges for private hospitals providing the FP services or commodities.

Table Showing Cost of FP Services for Surveyed Hospitals in Nyeri County

Methods	Karatina District Hospital: Level 4	Nyeri Town health Center: Level 3	Chaka Health Services Clinic: Private
Emergency contraceptive pill	FREE	FREE	100
FP Injections	FREE	FREE	
FP Injections DMPA- IM	FREE	FREE	150
FP Injections DMPA- SC	FREE	FREE	NA
IUCD insertion	FREE	FREE	NA
IUCD Insertion Hormonal	FREE	FREE	NA
IUCD Insertion Non-Hormonal	FREE	FREE	500
IUCD Removals	FREE	FREE	100
Implants insertion	FREE	FREE	NA
Implants insertion 1 Rod	FREE	FREE	500
Implants insertion 2 Rod	FREE	FREE	500
Implants Removal	FREE	FREE	200
Pills Combined oral contraceptive	FREE	FREE	80
Progestin-only pills	FREE	FREE	80
Voluntary Surgical Contraception Vasectomy	FREE	NA	NA
Voluntary surgical contraception BTL	FREE	NA	NA
Sterilization BTL	FREE	NA	NA
Sterilization Vasectomy	FREE	NA	NA
Other Charges			
Card Registration	50	FREE	FREE
Card Renewal		FREE	FREE
Consultation fee	50	FREE	FREE

Hospital Revenues

From table below the survey observes that in Nyeri County only the private hospitals obtain revenues from FP services provision.

Table showing the FP services revenues by surveyed hospitals in Nyeri County

	Revenues Karatina District Hospital: Level 4	Revenues Nyeri Town health Center: Level 3	Revenues Chaka Health Services Clinic: Private
Emergency contraceptive pill	0	0	400
Pills Combined oral contraceptive	0	0	17,600
Progestin-only pills	0	0	-
FP Injections	0	0	33,000
FP Injections DMPA- IM	0	0	92,100
FP Injections DMPA- SC	0	0	-
IUCD insertion	0	0	1,500
IUCD Insertion Hormonal	0	0	-
IUCD Insertion Non-Hormonal	0	0	1,000
IUCD Removals	0	0	1,800
Implants insertion	0	0	-
Implants insertion 1 Rod	0	0	1,500
Implants insertion 2 Rod	0	0	1,500
Implants Removal	0	0	3,600
Voluntary Surgical Contraception Vasectomy	0	0	-
Voluntary surgical contraception BTL	0	0	-
Sterilization BTL	0	0	-
Sterilization Vasectomy	0	0	-
Total	-	-	154,000

Average Cost Paid Per WRA Accessing FP Services In Nyeri County

The average cost is obtained by the formula below.

$$\text{average Cost} = \frac{\text{Total Hospital Revenue}}{\text{Total Number of visits}}$$

Table showing the average cost of FP services in the three survey Facilities

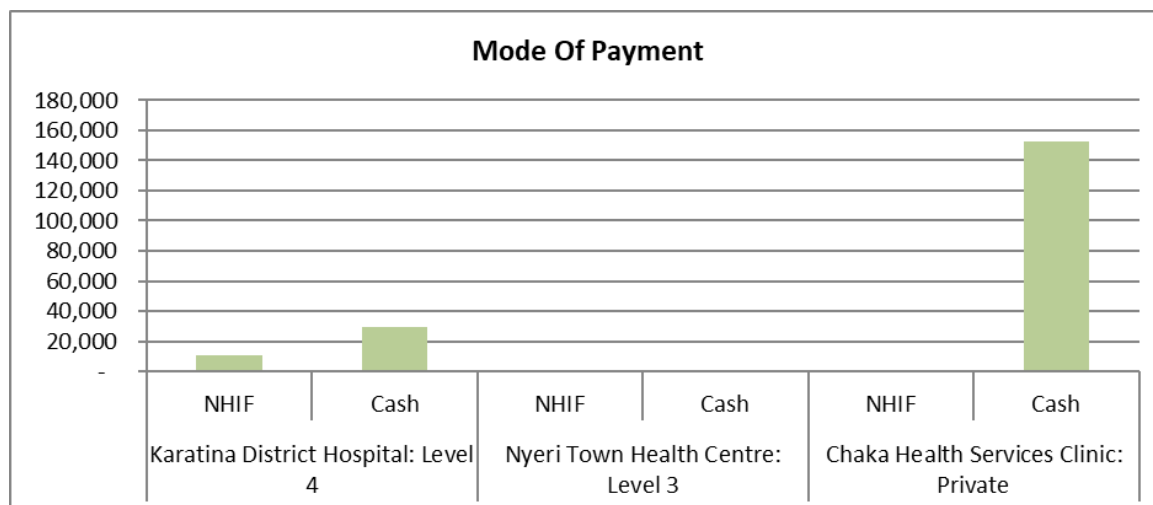
Facility /Hospital	Revenues	Total Number of visits	Average cost per WRA
Karatina District hospital	0	1984	0.00
Nyeri Town Health Center	0	3118	0.00
Chaka Health Service	154,000	1113	138.36

The lowest average cost 0 (zero) for accessing FP services is observed at Karatina District hospital and Nyeri Town Health Center. These facilities only charge a fee for card registration - a one off-cost - and a card renewal fee or otherwise consultation fee.

Mode of payment (Cash, NHIF or other insurances)

The survey sought to assess the mode of payment used in the survey hospitals. The distribution between the mode of payments used in the three hospitals surveyed in Nyeri County is given in figure below.

Figure showing distribution for mode of payment



In Nyeri County the survey observed that Karatina District hospital has the highest number of patients using NHIF. At Nyeri Town Health Center, there are no modes of payment since the services are offered free of charge. While in Chaka Health services Clinic the only mode of payment accepted is cash. Chaka Health Services Clinic is not accredited by NHIF to accept NHIF payment mode neither does it accept other insurance cards.

Conclusion and Recommendations

FP service methods access and preferences

- FP injection DMPA- IM is well concealed in the arm muscle thus it is the preferred method by WRA to practice family planning without knowledge of their partner. Additionally, lack of supply for FP injection DMPA- SC has contributed to the widespread use of DMPA- IM.
- Among the long-term methods, IUCD insertion Non-Hormonal is considered to have lesser side effects and thus a highly preferred long-term FP methods. Implant insertion 2 Rod is the other long-term FP methods with a higher uptake compared to Implant insertion 1 Rod. The preference is attributed to its reliability as an FP method. Implant insertion 1 Rod has limited or zero supply in the facilities therefore WRA have the one option for Rod 2.
- According to the survey's data the least accessed short-term FP services are male and female condoms and emergency contraceptives. Since male condoms are distributed through condom dispensers there is no data that is captured in full on their access and use by patients. In the case of Female condoms they are generally unavailable in hospitals owing to the high cost of procuring them. Emergency contraceptive pills are easily accessible as over-the-counter medicine and data on WRA accessing them from pharmacies and chemists is not captured in this survey. Therefore, the number of WRA accessing Emergency contraceptive pills in the hospital is low.
- The preference between short and long-term methods is dependent on the age and the current position of house hold number and plans of getting another child considering number of children the couple is comfortable with. Among the couples in long-term relationships, (i.e. Married couples/those in a family setting) long-term FP methods are opted, while for the young couples who are yet to take up long-term commitment relationships, short-term FP methods are preferred.
- In Nyeri County, there is an increase in uptake of long-term FP methods while the uptake of short-term FP methods has remained constant with low fluctuations.
- From the survey data on trends, it was also noted that proximity to urban centers and the demographic profile of the population surrounding a medical facility has an impact on the number of visits for FP services.

- The survey notes that low price of commodities and services, availability of the products/services and presence youth friendly services in combination will highly influence visits for FP services. In the health facilities where glitches in commodity supply were noted, there were significant drops in the number of WRA visiting the facility in subsequent periods. In seeking FP services, WRA assess where they will conveniently access the service of choice with ideal attention to their specific health and social needs.
- In the case of the youth, the need for a service provider who understands them and one who does not chastise them for embracing FP planning at an early age is preferred. There is also need for competence among the service providers since WRA are cautious where they feel they are gambling with their health livelihood. WRA will consider the cost implication (out-of-pocket expenditure) in making a choice on where to access their FP services. As is the case for a majority of the facilities in Nyeri County, where the cost of FP services is zero in the public facilities, higher Numbers of WRA visiting the facilities are observed.
- This survey has also observed that lowering the cost of FP services or removing these costs would encourage access to FP services and contribute positively towards a healthy, sustainable and managed population growth with the country.

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PAI
pai.org

GET IN TOUCH



+254 720 245 732



path@thepathways.org



**Nanyuki, Beisa road,
Laikipia County,
Kenya.**



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