PMA2014/KADUNA
PERFORMANCE, MONITORING & ACCOUNTABILITY 2020

PMA2020 is a five-year project that uses innovative mobile technology to support low-cost, rapid-turnaround, nationally-representative surveys to monitor key indicators for family planning. The project is implemented by local university and research organizations in ten countries, deploying a cadre of female resident enumerators trained in mobile-assisted data collection. PMA2020/Nigeria, carried out in Lagos and Kaduna states in 2014, is led by the Centre for Population and Reproductive Health at the University of Ibadan (CPRH), the Centre for Research, Evaluation Resources and Development (CRERD), the Population and Reproductive Health Program (PRHP) at the Obafemi Awolowo University in Ile-Ife, and Bayero University Kano (BUK). The survey is endorsed and supported by the Federal Ministry of Health, the National Population Commission, the National Bureau of Statistics, and the Lagos and Kaduna State Ministries of Health. Overall direction and support is provided by the Bill & Melinda Gates Institute for Population and Reproductive Health at the Johns Hopkins Bloomberg School of Public Health through a grant by the Bill & Melinda Gates Foundation. For more information on PMA2020 please visit http://www.pma2020.org

KEY FAMILY PLANNING INDICATORS

Select Family Planning Indicators Across Recent Surveys (Married and All Women, Age 15-49)

	NDHS 2013, Kaduna		PMA2014/Kaduna	
	All Women	Married Women	All Women	Married Women
Contraceptive Prevalence Rate (CPR)				
All Methods CPR	20.9	20.2	**8.7**	**10.5**
Modern Method Use mCPR	19.4	18.5	**8.4**	**10.1**
Long Acting CPR	4.0	4.8	**1.8**	**2.1**
Total Unmet Need*	5.5	5.8	**28.2**	**34.4**
For Limiting	1.2	1.6	**6.0**	**7.4**
For Spacing	4.3	4.2	**22.2**	**27.1**
Total Demand	26.4	26.0	**36.9**	**44.9**
Demand Satisfied by Modern Method	73.5	71.2	**22.8**	**22.5**

Fertility Indicators (All Women)

	NDHS 2013, Kaduna	PMA2014/Kaduna
Total Fertility Rate	4.1	4.0
Adolescent Birth Rate (per 1000, age 15-19)	107	141
Recent Births Unintended* (%)	5.9	42.4
Wanted Later	4.5	34.7
Wanted No More	1.4	7.7

* Indicator measurement based on different questions posed in the DHS and PMA2020

Current Use and Unmet Need Among Married Women of Reproductive Age, by Wealth Quintile, PMA2014/Kaduna

- Unmet Need
- Traditional Method
- Modern Method

Q1: Poorest quintile
Q5: Wealthiest quintile

% Demand Satisfied by Modern Method
Q1: 8.5% Q2: 19.1% Q3: 23.4% Q4: 26.6% Q5: 35.5%

Trends in TFR and mCPR, 1990-2014

Trends in Total Fertility Rate (TFR) - Number of Births Per Woman

TFR Nigeria
TFR Kaduna

NDHS 1990 — 6.0
NDHS 2003 — 7.3 / 5.7
NDHS 2008 — 6.3 / 5.7
NDHS 2013 — 5.5 / 4.1
PMA2014/Kaduna — 4.0
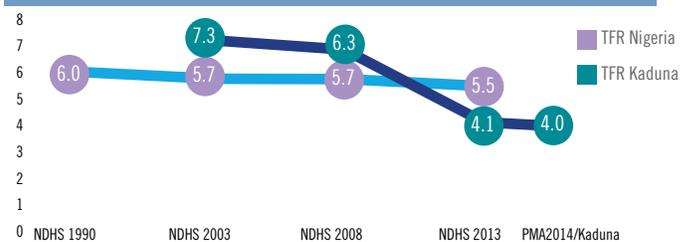
Trends in Modern Contraceptive Prevalence Rate (Married Women, age 15-49) in Kaduna

NDHS 1990	NDHS 2003	NDHS 2008	NDHS 2013	MICS 2014	PMA2014/Kaduna
2.6	7.7	8.4	18.5	8.3	10.1

Survey Year
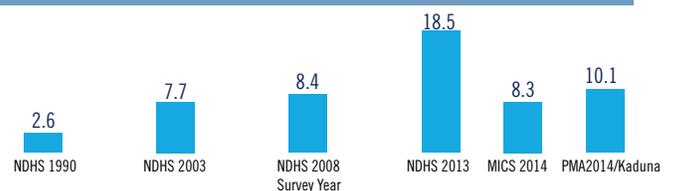
Current Modern Method Mix Among Married Contraceptive Users PMA2014/Kaduna

- Other modern 2.5%
- IUD 3.6%
- Condoms 1.5%
- Female Sterilization 0.7%
- Pills 19.4%
- Injectables 55.9%
- Implants 16.4%
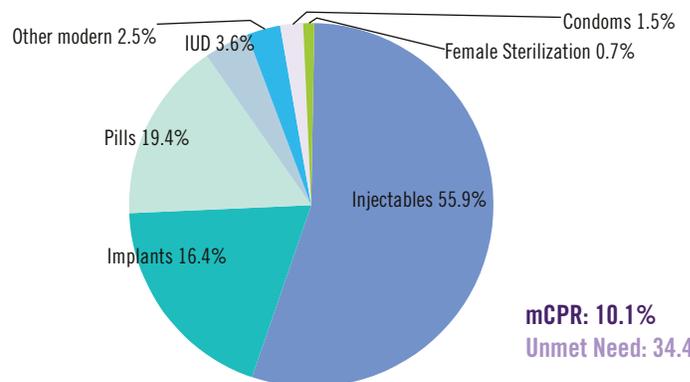
mCPR: 10.1%
Unmet Need: 34.4%

Percent of All Women Age 18-24, PMA2014/Kaduna:

Married by Age 18	Had First Birth by Age 18	Used Contraception by Age 18	Had First Sex by Age 18
57.7	28.8	2.2	50.6
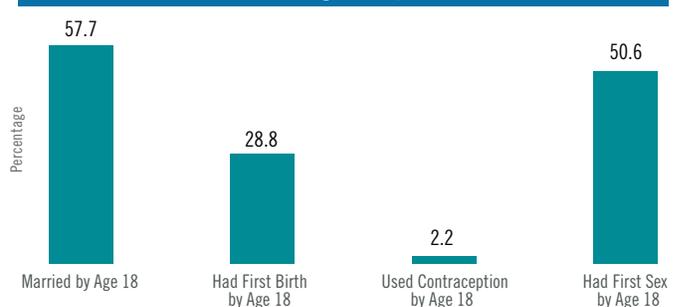
PMA2014/KADUNA
INDICATORS FOR ACCESS, EQUITY, QUALITY AND CHOICE

For Current Female Users in Kaduna(%), Indicators by Wealth Quintile (n=223):

- Method Chosen By Self Or Jointly (81.9%) — 65 … 88
- Obtained Method Of Choice (91.3%) — 83 … 96
- Told Of Other Methods (66.6%) — 35 … 90
- Counseled On Side Effects (60.7%) — 35 … 77
- Paid For FP Services (71.3%) — 60 … 95
- Would Return To Provider & Refer a Friend Or Family Member (63.8%) — 50 … 81
- Received Method From Public SDP (53.3%) — 18 … 39
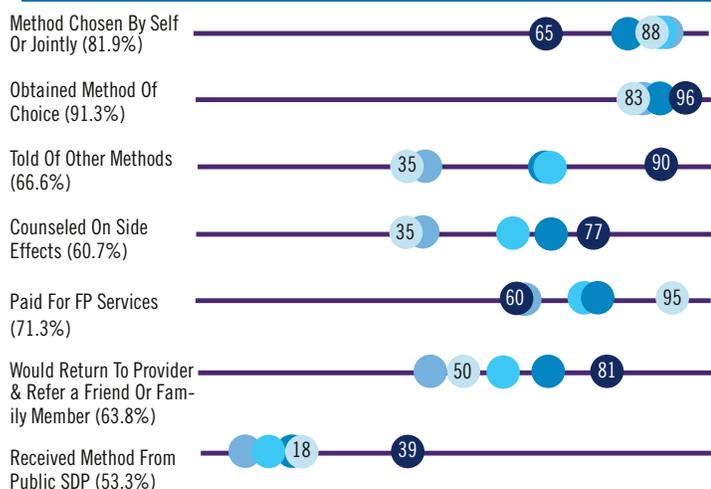
Births in the Past Five Years, or Current Pregnancies in Kaduna:

- Last Birth Unintended (42.4%)

Indicator (average %)
Q1: Poorest quintile
Q5: Wealthiest quintile

Scale: 0 10 20 30 40 50 60 70 80 90 100

Q1 Q2 Q3 Q4 Q5
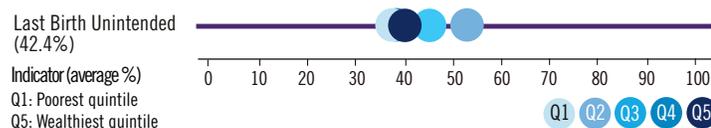
For Current Female Non-Users in Kaduna (n=1,177):

Reasons Mentioned For Non-Use Among All Women Wanting To Delay The Next Birth 2 Or More Years (%)

Not Married	22.6
Perceived Not-At-Risk/Lack of Need	34.2
Method or Health-related Concerns	22.8
Opposition to Use	18.3
Lack of Access/Knowledge	10.3
Other	16.3

For All Women of Reproductive Age, 15-49 in Kaduna:

	Total	Rural	Urban
Median Age at First Marriage (25 to 49 years)	17.2	16.7	18.1
Median Age at First Sex (25 to 49 years)	16.3	16.0	17.1
Median Age at First Contraceptive Use	24.1	23.6	24.5
Median Age at First Birth (25 to 49 years)	19.7	19.2	20.1
Mean No. Of Living Children at First Contraceptive Use	2.6	2.7	2.5
Women Having First Birth by Age 18 (ages 18-24) (%)	28.8	33.8	22.0
Received FP Info From Provider in Last 12 Months (%)	27.5	21.9	34.4
Exposed to FP Media in Last Few Months (%)	65.8	57.2	76.3

Percent of Facilities in Kaduna Offering & Currently In/Out of Stock, by method

Public Facilities

Method	IUDs	Implants	Injectables	Pills	Male Condoms
Method not offered	49	51	9	6	6
Method out of stock	2	3	3		3
Method in stock	49	46	88	94	91

Private Facilities

Method	IUDs	Implants	Injectables	Pills	Male Condoms
Method not offered	98	96	32	25	10
Method out of stock			14	7	9
Method in stock	2	5	55	68	66

Legend: ■ Method in stock ■ Method out of stock ■ Method not offered

Percent of Public Facilities in Kaduna Offering at Least 3 or 5 Modern Contraceptive Methods, by Facility Type

Facility Type	3 or more methods	5 or more methods
Hospital (n=22)	90.9	77.3
Health Center (n=41)	90.2	41.5
Health Clinic (n=10)	20.0	10.0
Maternity Center (n=2)	50.0	0.0
Total	80.0	46.7

Service Delivery Points in Kaduna (n= 140; 75 public, 65 private)

	Public	Private	Total
Among All Service Delivery Points:			
Offering Family Planning (%)	89.3	67.7	79.3
With Mobile Teams Visiting Facility In Last 12 Months (%)	48.0	0.0	25.7
Supporting CHWs From This Service Delivery Point (%)	41.3	12.5	38.6
Among Service Delivery Points Offering Family Planning Services:			
Average Number Of Days Per Week Family Planning Is Offered	5.4	4.7	5.1
Offering Female Sterilization (%)	13.4	0.0	8.1
Offering Family Planning Counseling/Services To Adolescents (%)	43.3	25.0	36.0
Charging Fees For Family Planning Services (%)	19.4	81.8	44.1
Percent Integrating Family Planning Into Their:			
Maternal Health Services (among all offering maternal health services)	93.0	66.7	90.9
HIV Services (among all offering HIV services)	93.4	100.0	94.4
Post-Abortion Services (among all offering post-abortion services)	91.4	66.7	89.5

SAMPLE DESIGN

The PMA2014/Nigeria survey in Kaduna used a two-stage cluster design with urban-rural as strata. A sample of 66 enumeration areas (EAs) was drawn from the National Population Commission's master sampling frame. In each EA households and private health facilities were listed and mapped, with 35 households randomly selected. Households were surveyed and occupants enumerated. All eligible females age 15 to 49 were contacted and consented for interviews. The final sample included 2,195 households, 2,573 females and 140 health facilities. Data collection was conducted between September and October 2014.