

PMA2017/KADUNA-R4

PERFORMANCE MONITORING & ACCOUNTABILITY 2020

PMA2020 uses innovative mobile technology to support low-cost, rapid-turnaround surveys to monitor key indicators for family planning. The project is implemented by local university and research organizations in 11 countries, deploying a cadre of female resident enumerators trained in mobile-assisted data collection. PMA2020/Nigeria was carried out in Lagos and Kaduna states in 2014 and 2015, and in seven states in 2016 and 2017 for rounds 3 and 4 (Anambra, Kaduna, Kano, Lagos, Nasarawa, Rivers and Taraba). PMA2020/Nigeria is led by the Centre for Research, Evaluation Resources and Development (CRERD) 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 please visit <http://www.pma2020.org>

KEY FAMILY PLANNING INDICATORS

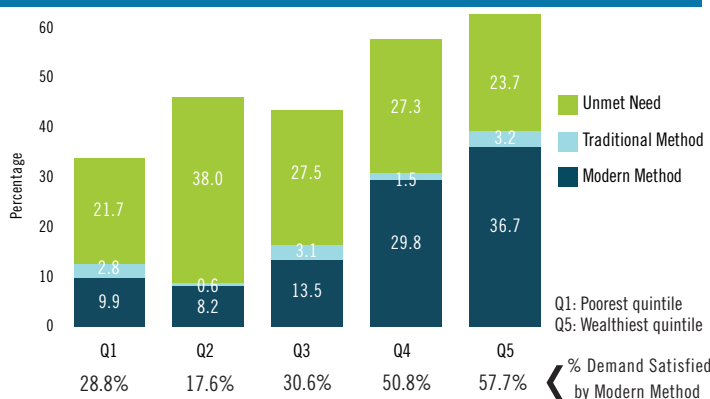
Select Family Planning Indicators Across Recent Surveys
(All and Married Women, Age 15-49)

| | PMA2015/ Kaduna-R2 | | PMA2016/ Kaduna-R3 | | PMA2017/ Kaduna-R4 | |
|--|-----------------------|-------------|-----------------------|-------------|-----------------------|-------------|
| | All | Married | All | Married | All | Married |
| Contraceptive Prevalence Rate (CPR) | | | | | | |
| All Methods CPR | 14.5 | 16.5 | 15.1 | 17.5 | 17.4 | 20.3 |
| Modern Methods Use | 13.2 | 15.0 | 13.9 | 16.1 | 15.6 | 18.1 |
| Long Acting/Permanent CPR | 4.1 | 5.0 | 4.9 | 5.8 | 5.6 | 6.8 |
| Total Unmet Need | 24.9 | 30.2 | 26.2 | 31.9 | 22.4 | 27.7 |
| For Limiting | 5.5 | 6.8 | 5.8 | 7.0 | 7.1 | 8.6 |
| For Spacing | 19.5 | 23.4 | 20.4 | 24.9 | 15.3 | 19.0 |
| Total Demand | 39.4 | 46.6 | 41.3 | 49.3 | 39.8 | 47.9 |
| Demand Satisfied by Modern Method (%) | 33.5 | 32.1 | 33.7 | 32.6 | 39.2 | 37.7 |

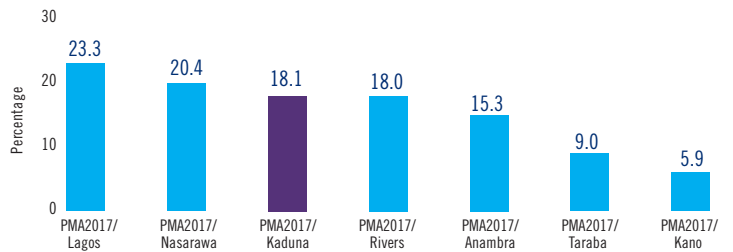
Fertility Indicators (All Women)

| | PMA2015 Round 2 | PMA2016 Round 3 | PMA2017 Round 4 |
|-------------------------------------|--------------------|--------------------|--------------------|
| Recent Births Unintended (%) | 37.7 | 29.6 | 28.0 |
| Wanted Later | | 29.3 | 20.3 |
| Wanted No More | | 8.3 | 7.7 |

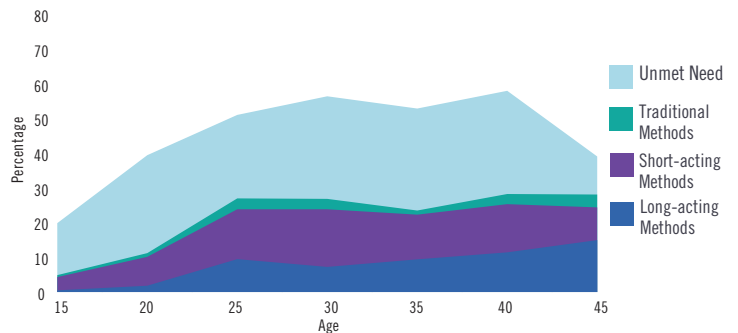
Current Use and Unmet Need Among Married Women of Reproductive Age, by Wealth Quintile



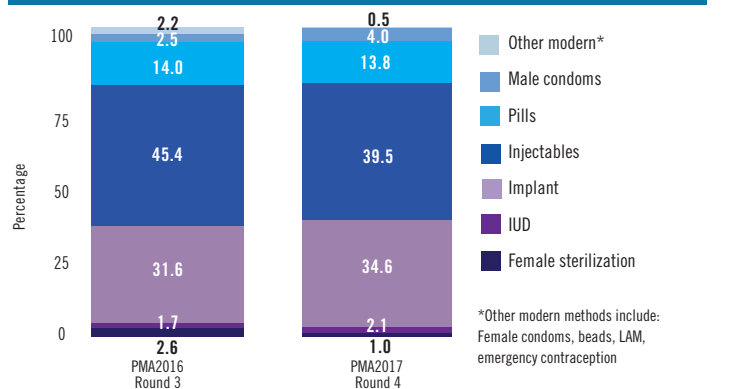
Modern Contraceptive Prevalence Rate (Married Women, Age 15-49)



Unmet Need and Contraceptive Use, by Age (All Women)

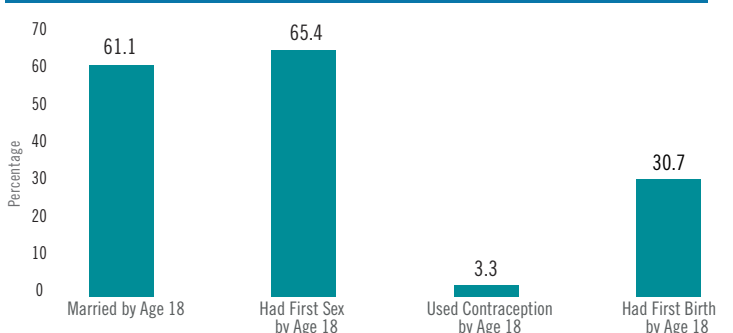


Current Modern Method Mix Among Married Contraceptive Users



*Other modern methods include: Female condoms, beads, LAM, emergency contraception

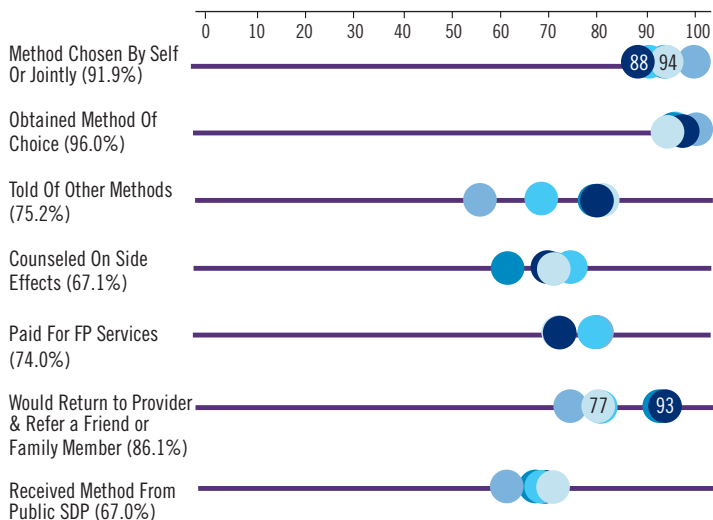
Percent of All Women Age 18-24



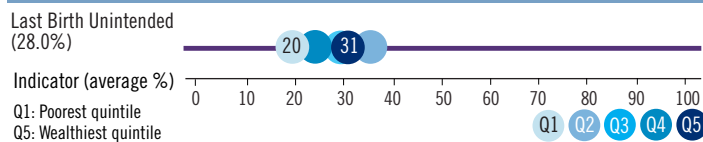
PMA2017 / KADUNA, NIGERIA-ROUND 4

INDICATORS FOR ACCESS, EQUITY, QUALITY AND CHOICE

For Current Modern Users in Kaduna (%), Indicators by Wealth Quintile (n=455)



Births in the Past 5 Years, or Current Pregnancies in Kaduna (n=1,669)



For Current Female Non-Users in Kaduna (n=1,226)

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

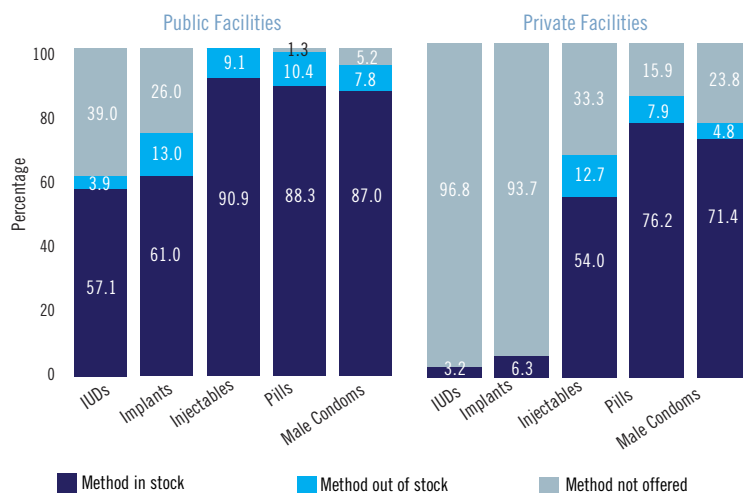
| | |
|------------------------------------|------|
| Not Married | 26.8 |
| Perceived Not-At-Risk/Lack of Need | 42.5 |
| Method or Health-related Concerns | 22.9 |
| Opposition to Use | 18.4 |
| Lack of Access/Knowledge | 8.2 |
| Other | 10.8 |

Reproductive Health and Contraceptive Indicators

| | Total | Rural | Urban |
|---|-------|-------|-------|
| Median Age at First Marriage (25-49 years) | 17.2 | 16.6 | 18.9 |
| Median Age at First Sex (15-49 years) | 15.6 | 15.4 | 17.0 |
| Median Age at First Contraceptive Use (15-49 years) | 26.7 | 25.9 | 28.0 |
| Median Age at First Birth (25-49 years) | 20.0 | 19.0 | 20.7 |
| Mean No. Of Living Children at First Contraceptive Use* (15-49 years) | 3.1 | 3.0 | 3.4 |
| Women Having First Birth by Age 18 (18-24 years, %) | 30.7 | 34.8 | 19.2 |
| Received FP Info From Provider in Last 12 Months (15-49 years, %) | 40.4 | 39.3 | 43.1 |
| Exposed to FP Media in Last Few Months (age 15-49 years, %) | 68.7 | 60.1 | 91.5 |

* includes women age 15-49 who have never given birth

Percent of Facilities Offering Family Planning with Methods in Stock on Day of Interview (n=140, 77 public; 63 private)



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

| Facility Type | 3 or more methods | 5 or more methods |
|----------------------|-------------------|-------------------|
| Hospital (n=23) | 100.0 | 95.7 |
| Health Center (n=53) | 84.9 | 58.5 |
| Total | 86.3 | 66.3 |

Service Delivery Points in Kaduna (n=165; 80 public, 85 private)

| | Public | Private | Total |
|--|--------|---------|-------|
| Among All Service Delivery Points: | | | |
| Offering Family Planning (%) | 96.3 | 74.1 | 84.8 |
| With Mobile Teams Visiting Facility In Last 6 Months (%) | 62.5 | 4.7 | 32.7 |
| Supporting CHWs From This Service Delivery Point (%) | 65.0 | 1.2 | 32.1 |
| Among Service Delivery Points Offering Family Planning Services: | | | |
| Average Number Of Days Per Week Family Planning Is Offered | 5.0 | 5.9 | 5.4 |
| Offering Female Sterilization (%) | 16.9 | 0.0 | 9.3 |
| Offering Family Planning Counseling/Services To Adolescents (%) | 62.3 | 31.7 | 48.6 |
| Charging Fees For Family Planning Services (%) | 10.4 | 25.4 | 17.1 |
| Percent Integrating Family Planning Into Their: | | | |
| Maternal Health Services (among all offering maternal health services) | 100.0 | 75.0 | 97.6 |
| HIV Services (among all offering HIV services) | 100.0 | 90.0 | 98.8 |
| Post-Abortion Services (among all offering post-abortion services) | 97.4 | 100.0 | 97.5 |

SAMPLE DESIGN

The PMA2017/Kaduna-R4 survey 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 2,278 households, 2,855 de facto females and 165 health facilities (99.4%, 99.3% and 98.8% response rates, respectively). Data collection was conducted between April to May 2017.

