



PMA2013/GHANA-R1 SOI

SNAPSHOT OF INDICATORS

Summary of the sample design for PMA2013/Ghana-R1:

PMA2013/Ghana, the first round of data collection in Ghana, used a two-stage cluster design with urban/rural as the strata. The first stage of sampling used probability proportional to size procedures to select 10 regions: Ashanti, Brong-Ahafo, Central, Eastern, Greater Accra, Northern, Upper East, Upper West, Volta and Western. Within the 10 selected regions, a sample of 100 enumeration areas (EAs) was drawn by the Ghana Statistical Service from its master sampling frame. The sample was powered to generate national-level estimates for key family planning indicators. In addition, data on family planning services was collected from randomly selected private and public service delivery points (SDPs) within each EA's boundary. Three public and up to three private SDPs that serve the EA population were selected. The public SDP sample included: community (CHPS), primary healthcare (health center), and primary healthcare referral (district hospital-designated to serve the EA population). **To read more details on our survey methodology, including the survey tools, training, data processing and response rates, please refer to the [Detailed Indicator Report](#).**

The table below provides a summary of key family planning indicators and their breakdown by respondent background characteristics. **To view the breakdown by background characteristics of the respondents (including education level, wealth quintile, region etc.), please click on the respective indicator link.**

PMA2020 Standard Family Planning Indicators

Round 1

All
Women

Married
Women

Utilization Indicators:

[Contraceptive Use \(click to see background characteristics\)](#)

Contraceptive Prevalence Rate (CPR)	14.8	19.5
Modern Contraceptive Prevalence (mCPR)	13.7	18.4
Traditional Contraceptive Prevalence	1.1	1.1

[Contraceptive Method Mix \(by background characteristics\)](#)

[Contraceptive method mix \(pie charts for married and all women\)](#)

Number of modern contraceptive users (count of users in the sample)

Demand Indicators:

[Unmet need for family planning \(for spacing, limiting, and in total\)](#) 28.0 37.2

[Total contraceptive demand \(CPR & Unmet Need\)](#) 38.0 56.7

Percent of all/married women with demand satisfied by modern contraception 36.1 32.5

[Percent of recent births unintended \(wanted later/wanted no more\)](#)

Wanted Then 57.8 60.0

Wanted Later 30.7 27.9

Not At All 13.2 12.1

Indicators for Access, Equity, Quality & Choice:

[Percent of users who chose their current method by themselves or jointly with a partner/provider](#) 89.8 90.5

[Percent of users who paid for family planning services](#) 66.4 68.7

[Method Information Index:](#)

Percent of recent/current users who were informed about other methods	56.5	59.8
Percent of recent/current users who were informed about side effects	48.3	51.0
Percent of recent/current users who were told what to do if they experienced side effects	77.7	78.0
<u>Percent of recent/current users who would return and/or refer others to their provider</u>	69.8	69.1
<u>Percent of all/married women receiving family planning information in the past 12 months</u>	17.7	21.4
Fertility Indicators:		
<u>Total Fertility Rate (TFR)</u>	3.66	
Adolescent fertility rate (per 1,000 females age 15-19)	64	

Current use of contraception by background characteristics**Percentage of women ages 15 to 49 currently using a contraceptive method, by type and background characteristics**

Background characteristic	CPR		Modern CPR		Traditional CPR	
	All women	Married women	All women	Married women	All women	Married women
N	4,455	2,707	4,455	2,707	4,455	2,707
Total	15.4	19.8	14.3	18.7	1.1	1.1
Age group						
15–19	5.2	15.1	4.7	15.1	0.5	0.0
20–24	18.2	20.4	15.8	19.1	2.4	1.3
25–29	18.2	20.8	16.7	19.2	1.5	1.6
30–34	23.5	24.4	22.9	23.6	0.7	0.8
35–39	18.3	20.4	17.1	19.0	1.2	1.5
40–44	13.6	16.9	13.4	16.5	0.3	0.4
45–49	9.3	11.7	8.4	10.5	0.8	1.2
Marital status						
Married or in union	19.8	na	18.7	na	1.1	na
Not married	8.6	na	7.5	na	1.2	na
Unmarried, sexually active	20.4	na	19.2	na	1.2	na
Parity						
0–1	10.2	13.8	8.9	12.9	1.2	0.9
2–3	21.3	22.3	20.3	21.2	1.0	1.1
4 or more	19.3	21.3	18.3	20.2	1.0	1.2
Residence						
Urban	14.1	18.1	12.3	16.3	1.8	1.8
Rural	16.8	21.2	16.3	20.6	0.5	0.5
Education						
Never attended	14.6	16.2	14.2	15.7	0.4	0.4
Primary	14.8	19.0	14.5	18.6	0.3	0.4
Middle/JSS	17.0	23.6	15.2	22.0	1.8	1.6
Secondary	13.4	20.2	12.0	18.5	1.4	1.8
Higher	16.3	18.6	14.4	15.5	1.9	3.2
Wealth quintile						
Lowest	14.3	16.9	13.9	16.6	0.4	0.3
Lower	16.7	21.4	16.2	21.1	0.5	0.3
Middle	15.6	20.5	13.9	18.6	1.7	2.0
Higher	16.2	20.4	14.6	19.3	1.6	1.2
Highest	14.3	19.9	12.8	17.8	1.5	2.1
Region						
Ashanti	17.2	24.1	16.4	22.6	0.8	1.4
Brong-Ahafo	26.0	29.9	20.3	26.0	5.7	3.8
Central	16.4	22.9	16.4	22.9	0.0	0.0
Eastern	14.6	19.8	13.5	18.8	1.0	1.0
Greater Accra	15.7	21.7	15.0	20.6	0.7	1.2
Northern	7.1	8.5	7.0	8.4	0.1	0.2
Upper East	18.8	26.5	18.8	26.5	0.0	0.0
Upper West	27.2	31.0	26.3	29.9	0.9	1.2
Volta	9.4	9.9	9.0	9.9	0.4	0.0
Western	7.6	10.1	7.0	9.2	0.6	0.9

Contraceptive method mix**Percent distribution of current contraceptive users ages 15 to 49, by method type and background characteristics**

All users										
N = 687										
Background characteristics	Sterilization	Implants	IUD	Injectables	Pill	Emergency contraception	Condom	Other modern	Other traditional	Total
Total	1.8	13.3	2.8	33.3	25.7	5.5	7.2	3.0	7.4	0.6
Age group										
15–19	0.0	25.7	3.0	18.4	16.3	7.4	19.1	0.0	10.1	100.0
20–24	0.0	10.1	3.4	25.6	27.8	6.8	11.4	2.0	12.9	100.0
25–29	0.0	10.0	1.5	47.1	16.8	7.2	7.1	2.2	8.1	100.0
30–34	1.9	16.1	4.1	29.9	33.0	6.4	3.5	2.1	2.9	100.0
35–39	5.3	13.2	1.5	39.5	22.7	2.5	3.6	4.9	6.6	100.0
40–44	7.0	12.2	2.9	22.7	34.5	3.1	7.9	7.7	1.9	100.0
45–49	0.0	16.7	3.6	36.1	30.0	0.0	0.0	4.6	9.0	100.0
Marital status										
Married or in union	2.4	14.4	3.3	38.5	25.2	2.7	4.6	3.2	5.7	100.0
Not married	0.0	9.2	0.8	14.5	27.1	15.6	16.5	2.5	13.8	100.0
Unmarried, sexually active	0.0	7.5	1.7	16.6	31.2	14.4	21.6	1.0	5.9	100.0
Parity										
0–1	0.0	10.2	1.5	22.2	22.3	13.3	16.0	2.2	12.3	100.0
2–3	1.1	11.0	4.0	40.1	26.4	2.4	5.5	4.7	4.8	100.0
4 or more	4.7	19.6	2.7	36.4	27.3	1.6	0.7	1.8	5.2	100.0
Residence										
Urban	2.2	8.5	3.2	21.7	24.6	10.7	11.7	4.8	12.7	100.0
Rural	1.5	17.5	2.4	43.5	26.6	1.0	3.3	1.4	2.8	100.0
Education										
Never attended	0.0	10.8	0.0	56.3	27.0	1.2	1.2	1.0	2.5	100.0
Primary	4.4	20.9	6.4	32.9	28.5	4.9	0.0	0.0	2.1	100.0
Middle/JJS	2.7	15.9	3.3	30.4	26.2	1.6	6.2	3.3	10.4	100.0
Secondary	0.0	6.9	1.2	19.4	22.6	13.7	20.3	5.5	10.4	100.0
Higher	0.0	0.0	2.1	13.6	17.9	24.7	20.8	9.3	11.6	100.0
Wealth quintile										
Lowest	0.9	12.4	0.0	54.1	26.2	2.0	0.8	1.0	2.5	100.0
Lower	2.7	17.8	6.2	41.2	25.1	0.0	1.2	2.8	3.1	100.0
Middle	1.0	16.6	3.4	30.0	25.9	2.4	9.0	0.9	10.8	100.0
Higher	3.2	10.6	0.7	26.0	30.5	7.9	7.7	3.5	9.8	100.0
Highest	1.2	9.1	3.1	18.8	20.6	14.3	16.3	6.2	10.4	100.0
Region										
Ashanti	1.1	17.4	4.5	25.2	36.4	4.0	5.5	1.0	4.9	100.0
Brong-Ahafo	0.9	12.6	1.0	30.1	19.2	6.1	2.3	5.9	21.9	100.0
Central	0.0	19.9	2.8	33.3	23.2	2.9	15.1	2.9	0.0	100.0
Eastern	8.2	9.0	2.0	44.1	15.6	9.1	4.8	0.0	7.1	100.0
Greater Accra	1.4	9.0	3.7	19.4	32.0	12.6	12.6	4.7	4.8	100.0
Northern	0.0	6.6	0.0	58.7	28.5	0.0	4.5	0.0	1.7	100.0
Upper East	0.0	24.3	0.0	60.9	5.2	3.2	6.4	0.0	0.0	100.0
Upper West	0.0	12.8	0.0	51.8	21.6	0.0	8.1	2.4	3.4	100.0
Volta	(11.6)	(13.3)	(4.4)	(44.8)	(17.6)	(0.0)	(3.8)	(0.0)	(4.4)	(100.0)
Western	0.0	3.6	7.6	31.1	29.8	0.0	9.3	10.8	7.9	100.0

(XX) = Estimate generated from less than 25 unweighted observations

(XX) = Estimate generated from less than 5 unweighted observations

Married users										
N = 536										
Background characteristics	Sterilization	Implants	IUD	Injectables	Pill	Emergency contraception	Condom	Other modern	Other traditional	Total
Total	2.4	14.4	3.3	38.5	25.2	2.7	4.6	3.2	5.7	0.7
Age group										
15–19	(0.0)	(48.1)	(0.0)	(37.2)	(3.6)	(0.0)	(11.2)	(0.0)	(0.0)	(100.0)
20–24	0.0	12.7	5.9	38.2	27.6	5.0	3.3	1.2	6.2	100.0
25–29	0.0	10.8	1.8	52.1	14.7	2.7	7.5	2.7	7.8	100.0
30–34	2.2	15.5	4.8	34.7	31.7	3.9	3.0	1.0	3.3	100.0
35–39	5.8	14.4	1.7	37.0	24.7	0.0	3.9	5.4	7.1	100.0
40–44	7.5	11.0	3.1	24.4	34.9	3.3	5.4	8.3	2.1	100.0
45–49	(0.0)	(18.7)	(4.0)	(30.7)	(31.5)	(0.0)	(0.0)	(5.1)	(10.0)	(100.0)
Marital status										
Married or in union	na	na	na	na	na	na	na	na	na	na
Not married	na	na	na	na	na	na	na	na	na	na
Unmarried, sexually active	na	na	na	na	na	na	na	na	na	na
Parity										
0–1	0.0	14.1	1.9	38.1	19.2	6.0	11.4	2.8	6.6	100.0
2–3	1.2	11.4	4.5	40.3	25.7	2.1	5.4	4.5	4.8	100.0
4 or more	4.9	18.4	2.8	36.9	27.6	1.7	0.4	1.9	5.4	100.0
Residence										
Urban	3.2	10.0	4.0	26.9	25.5	6.4	8.5	5.5	9.9	100.0
Rural	1.8	17.6	2.8	46.9	25.0	0.0	1.8	1.5	2.6	100.0
Education										
Never attended	0.0	11.0	0.0	57.0	25.8	1.3	1.3	1.1	2.7	100.0
Primary	4.9	21.2	7.2	32.6	28.7	3.1	0.0	0.0	2.3	100.0
Middle/JJS	3.5	16.8	3.7	35.2	26.1	0.6	4.2	3.1	7.0	100.0
Secondary	0.0	7.8	2.0	28.5	15.1	11.1	19.4	7.3	8.7	100.0
Higher	(0.0)	(0.0)	(4.1)	(20.4)	(24.0)	(6.5)	(10.2)	(17.8)	(17.0)	(100.0)
Wealth quintile										
Lowest	1.1	11.5	0.0	56.5	27.0	0.0	0.9	1.2	1.8	100.0
Lower	3.1	18.0	6.2	45.7	22.7	0.0	0.0	2.7	1.6	100.0
Middle	1.3	17.7	4.4	34.8	23.3	3.2	5.8	0.0	9.6	100.0
Higher	4.4	11.4	1.0	32.4	32.1	1.5	8.5	3.0	5.7	100.0
Highest	1.7	12.8	4.4	22.3	21.4	9.3	8.6	8.9	10.6	100.0
Region										
Ashanti	1.3	15.9	5.5	26.8	36.5	2.7	4.3	1.2	6.0	100.0
Brong-Ahafo	1.3	17.8	1.5	40.7	17.7	0.0	3.2	5.0	12.8	100.0
Central	0.0	22.1	3.4	35.1	21.2	0.0	14.7	3.5	0.0	100.0
Eastern	10.0	11.0	2.4	43.9	19.0	5.9	2.4	0.0	5.3	100.0
Greater Accra	2.0	8.3	5.3	24.6	35.0	9.6	3.1	6.8	5.3	100.0
Northern	0.0	5.7	0.0	64.8	24.7	0.0	3.0	0.0	1.9	100.0
Upper East	0.0	26.0	0.0	64.3	6.0	0.0	3.7	0.0	0.0	100.0
Upper West	0.0	11.5	0.0	57.2	21.2	0.0	6.3	0.0	3.7	100.0
Volta	(16.6)	(19.2)	(0.0)	(52.5)	(11.7)	(0.0)	(0.0)	(0.0)	(0.0)	(100.0)
Western	(0.0)	(4.2)	(9.0)	(36.9)	(22.7)	(0.0)	(5.0)	(12.8)	(9.4)	(100.0)

(XX) = Estimate generated from less than 25 unweighted observations

(XX) = Estimate generated from less than 5 unweighted observations

Unmet need for family planning

Percentage of women ages 15 to 49 with unmet need for family planning (for spacing or limiting), by marital status and background characteristics

Background characteristics	All women			Married women		
	N	4,455		2,707		
	For spacing	For limiting	Total	For spacing	For limiting	Total
Total	19.1	8.4	27.5	26.1	13.1	39.2
Age group						
15–19	13.7	2.8	16.5	45.3	13.6	58.8
20–24	28.3	3.5	31.8	45.7	5.1	50.8
25–29	27.7	6.4	34.1	33.4	9.0	42.3
30–34	20.9	9.7	30.6	23.9	11.6	35.5
35–39	15.0	17.0	31.9	17.4	19.9	37.3
40–44	10.3	16.0	26.4	13.0	20.5	33.5
45–49	3.8	12.0	15.8	5.4	16.5	21.8
Marital status						
Married or in union	26.1	13.1	39.2	na	na	na
Not married	8.1	1.3	9.4	na	na	na
Unmarried, sexually active	38.0	5.2	43.2	na	na	na
Parity						
0–1	17.9	1.7	19.7	34.4	3.6	37.9
2–3	25.7	9.7	35.4	28.9	11.2	40.1
4 or more	14.5	20.1	34.7	16.7	22.4	39.1
Residence						
Urban	16.7	8.1	24.8	24.8	13.9	38.7
Rural	21.5	8.8	30.3	27.2	12.3	39.6
Education						
Never attended	21.9	10.8	32.6	25.2	11.6	36.8
Primary	22.1	10.2	32.3	25.6	13.8	39.4
Middle/JJS	18.4	8.8	27.2	27.7	15.1	42.8
Secondary	17.4	3.5	20.9	28.5	8.4	36.9
Higher	10.1	6.8	16.9	18.7	15.0	33.8
Wealth quintile						
Lowest	24.4	9.2	33.6	29.6	11.8	41.4
Lower	21.8	9.6	31.5	28.4	13.6	42.0
Middle	21.7	7.4	29.1	29.7	11.9	41.6
Higher	17.0	9.2	26.2	23.1	14.6	37.6
Highest	12.1	6.9	19.0	19.2	13.4	32.5
Region						
Ashanti	18.3	9.0	27.3	24.8	14.3	39.1
Brong-Ahafo	19.2	7.3	26.5	25.8	11.0	36.8
Central	17.7	5.6	23.3	24.3	9.7	34.0
Eastern	22.5	11.0	33.5	30.0	17.5	47.5
Greater Accra	10.5	7.9	18.5	16.5	15.6	32.1
Northern	26.5	4.9	31.4	30.7	6.5	37.2
Upper East	15.3	7.3	22.6	22.3	11.2	33.5
Upper West	15.5	6.4	21.9	17.1	6.9	24.1
Volta	28.2	12.7	40.9	37.8	16.6	54.3
Western	21.7	12.1	33.9	31.0	17.7	48.7

Need and demand for family planning

Percentage of women age 15 to 49 with met need for family planning, unmet need, total demand, and percent of demand satisfied, by marital status and background characteristics

Background characteristics N	All women 4,455					Married women 2,707				
	mCPR	Any method	Unmet need	Total demand	Demand satisfied by modern method	mCPR	Any method	Unmet need	Total demand	Demand satisfied by modern method
Total	14.3	15.4	27.5	42.9	33.2	18.7	19.8	39.2	58.9	31.7
Age group										
15–19	4.7	5.2	16.5	21.7	21.5	15.1	15.1	58.8	73.9	20.4
20–24	15.8	18.2	31.8	50.0	31.7	19.1	20.4	50.8	71.2	26.9
25–29	16.7	18.2	34.1	52.4	32.0	19.2	20.8	42.3	63.1	30.4
30–34	22.9	23.5	30.6	54.1	42.2	23.6	24.4	35.5	59.8	39.4
35–39	17.1	18.3	31.9	50.2	34.0	19.0	20.4	37.3	57.7	32.9
40–44	13.4	13.6	26.4	40.0	33.4	16.5	16.9	33.5	50.3	32.8
45–49	8.4	9.3	15.8	25.1	33.6	10.5	11.7	21.8	33.5	31.4
Marital status										
Married/in union	18.7	19.8	39.2	58.9	31.7	na	na	na	na	na
Not married	7.5	8.6	9.4	18.1	41.2	na	na	na	na	na
Unmarried, sexually active	19.2	20.4	43.2	63.6	30.2	na	na	na	na	na
Parity										
0–1	8.9	10.2	19.7	29.8	29.9	12.9	13.8	37.9	51.7	25.0
2–3	20.3	21.3	35.4	56.7	35.8	21.2	22.3	40.1	62.4	34.0
4 or more	18.3	19.3	34.7	54.0	33.9	20.2	21.3	39.1	60.4	33.4
Residence										
Urban	12.3	14.1	24.8	38.9	31.6	16.3	18.1	38.7	56.8	28.7
Rural	16.3	16.8	30.3	47.1	34.6	20.6	21.2	39.6	60.7	34.0
Education										
Never attended	14.2	14.6	32.6	47.2	30.1	15.7	16.2	36.8	53.0	29.7
Primary	14.5	14.8	32.3	47.2	30.8	18.6	19.0	39.4	58.4	31.8
Middle/JJS	15.2	17.0	27.2	44.2	34.4	22.0	23.6	42.8	66.4	33.1
Secondary	12.0	13.4	20.9	34.3	35.0	18.5	20.2	36.9	57.1	32.3
Higher	14.4	16.3	16.9	33.2	43.4	15.5	18.6	33.8	52.4	29.5
Wealth quintile										
Lowest	13.9	14.3	33.6	47.9	29.1	16.6	16.9	41.4	58.3	28.4
Lower	16.2	16.7	31.5	48.2	33.7	21.1	21.4	42.0	63.4	33.2
Middle	13.9	15.6	29.1	44.7	31.2	18.6	20.5	41.6	62.2	29.9
Higher	14.6	16.2	26.2	42.4	34.5	19.3	20.4	37.6	58.1	33.2
Highest	12.8	14.3	19.0	33.3	38.4	17.8	19.9	32.5	52.5	34.0
Region										
Ashanti	16.4	17.2	27.3	44.6	36.7	22.6	24.1	39.1	63.2	35.8
Brong-Ahafo	20.3	26.0	26.5	52.5	38.7	26.0	29.9	36.8	66.7	39.1
Central	16.4	16.4	23.3	39.7	41.3	22.9	22.9	34.0	56.9	40.2
Eastern	13.5	14.6	33.5	48.0	28.1	18.8	19.8	47.5	67.4	27.9
Greater Accra	15.0	15.7	18.5	34.2	43.8	20.6	21.7	32.1	53.8	38.2
Northern	7.0	7.1	31.4	38.5	18.2	8.4	8.5	37.2	45.7	18.3
Upper East	18.8	18.8	22.6	41.4	45.4	26.5	26.5	33.5	60.0	44.2
Upper West	26.3	27.2	21.9	49.1	53.5	29.9	31.0	24.1	55.1	54.2
Volta	9.0	9.4	40.9	50.3	17.9	9.9	9.9	54.3	64.2	15.4
Western	7.0	7.6	33.9	41.5	16.9	9.2	10.1	48.7	58.8	15.6

Pregnancy intentions

Percent distribution of women ages 15 to 49 with one or more births reporting that the last or current pregnancy was wanted then, wanted later or not wanted at all, by marital status and background characteristics

Background characteristics	All women with 1 or more births				Married women with 1 or more births			
	N	2,042			1,742			
	Wanted then	Wanted later	Not at all	Total	Wanted then	Wanted later	Not at all	Total
Total	55.7	31.1	13.2	100.0	57.8	29.9	12.3	100.0
Age group								
15–19	28.7	47.1	24.2	100.0	30.2	46.0	23.8	100.0
20–24	46.1	38.6	15.3	100.0	50.3	36.9	12.7	100.0
25–29	58.6	31.3	10.2	100.0	60.5	30.0	9.5	100.0
30–34	57.0	34.2	8.8	100.0	56.5	34.9	8.6	100.0
35–39	62.5	22.9	14.6	100.0	64.2	21.2	14.7	100.0
40–44	68.7	13.6	17.7	100.0	68.2	13.0	18.7	100.0
45–49	62.6	21.4	16.0	100.0	62.1	21.8	16.1	100.0
Marital status								
Married or in union	57.8	29.9	12.3	100.0	na	na	na	na
Not married	42.0	38.9	19.1	100.0	na	na	na	na
Unmarried, sexually active	43.8	38.4	17.8	100.0	na	na	na	na
Parity								
0–1	57.0	31.1	12.0	100.0	62.5	27.5	10.0	100.0
2–3	57.1	31.4	11.5	100.0	58.4	31.0	10.7	100.0
4 or more	53.0	30.7	16.3	100.0	53.8	30.4	15.8	100.0
Residence								
Urban	58.8	31.1	10.1	100.0	61.3	29.3	9.3	100.0
Rural	53.3	31.1	15.5	100.0	55.2	30.3	14.5	100.0
Education								
Never attended	61.3	27.4	11.3	100.0	62.7	26.7	10.6	100.0
Primary	52.3	31.3	16.4	100.0	52.9	31.4	15.8	100.0
Middle/JJS	49.9	33.3	16.8	100.0	52.6	32.2	15.3	100.0
Secondary/SSS	54.0	40.3	5.7	100.0	57.2	36.6	6.1	100.0
Higher	83.2	16.8	0.0	100.0	84.4	15.6	0.0	100.0
Wealth quintile								
Lowest	53.5	34.3	12.1	100.0	55.4	33.9	10.7	100.0
Lower	50.9	33.1	16.0	100.0	52.4	32.3	15.3	100.0
Middle	54.0	30.6	15.4	100.0	58.2	28.6	13.2	100.0
Higher	52.4	32.2	15.3	100.0	53.3	31.0	15.7	100.0
Highest	69.7	23.8	6.5	100.0	71.9	21.8	6.3	100.0
Region								
Ashanti	59.1	28.3	12.6	100.0	61.5	26.3	12.2	100.0
Brong-Ahafo	50.7	30.0	19.3	100.0	52.5	30.1	17.4	100.0
Central	47.0	41.6	11.4	100.0	52.4	35.3	12.2	100.0
Eastern	32.6	36.5	30.9	100.0	34.0	33.5	32.5	100.0
Greater Accra	62.8	29.3	7.9	100.0	63.7	28.5	7.8	100.0
Northern	79.0	15.8	5.3	100.0	79.6	15.8	4.6	100.0
Upper East	66.8	31.8	1.4	100.0	65.7	32.7	1.6	100.0
Upper West	45.0	43.2	11.7	100.0	44.9	43.1	12.0	100.0
Volta	40.1	50.7	9.2	100.0	41.6	51.7	6.7	100.0
Western	47.1	31.5	21.4	100.0	48.4	32.6	19.0	100.0

(XX) = Estimate generated from less than 25 unweighted observations

Contraceptive choice

Percent distribution of women ages 15 to 49 who used contraception in the past 12 months reporting on who decided on the contraceptive method, by background characteristics

Background characteristics	Self	Jointly with partner or provider	Provider alone/ partner alone/other	Total
N	362	254	67	684
Total	53.0	37.2	9.9	100.0
Age group				
15–19	63.1	19.9	17.0	100.0
20–24	59.5	29.2	11.2	100.0
25–29	50.6	40.3	9.1	100.0
30–34	53.4	41.1	5.6	100.0
35–39	47.3	43.9	8.7	100.0
40–44	50.5	35.5	14.0	100.0
45–49	42.6	44.8	12.6	100.0
Marital status				
Married	46.5	43.1	10.4	100.0
Not married	76.2	16.0	7.8	100.0
Unmarried, sexually active	71.3	20.8	7.9	100.0
Parity				
0–1	64.2	27.1	8.7	100.0
2–3	46.6	41.7	11.7	100.0
4 or more	49.5	41.3	9.1	100.0
Residence				
Urban	59.7	29.7	10.6	100.0
Rural	47.1	43.7	9.2	100.0
Education				
Never attended	46.2	41.8	12.1	100.0
Primary	46.8	48.2	5.0	100.0
Middle/JJS	53.7	34.0	12.4	100.0
Secondary	60.1	30.7	9.2	100.0
Higher	68.6	28.4	3.0	100.0
Wealth quintile				
Lowest	52.9	38.2	8.9	100.0
Lower	44.9	42.0	13.1	100.0
Middle	54.7	37.0	8.2	100.0
Higher	59.8	34.0	6.2	100.0
Highest	52.8	34.8	12.4	100.0
Region				
Ashanti	50.0	39.6	10.5	100.0
Brong-Ahafo	62.8	37.2	0.0	100.0
Central	52.1	37.9	10.0	100.0
Eastern	58.7	33.5	7.8	100.0
Greater Accra	49.8	38.2	12.0	100.0
Northern	62.3	32.5	5.2	100.0
Upper East	45.7	5.8	48.5	100.0
Upper West	41.7	50.2	8.2	100.0
Volta	(57.7)	(42.3)	(0.0)	(100.0)
Western	33.7	49.5	16.8	100.0

(XX) = Estimate generated from less than 25 unweighted observations

Payment for family planning

Percentage of women ages 15 to 49 using contraceptive method who paid fees for services, by marital status and background characteristics.

Background characteristics	All women who used in past 12 months	All married women who used in past 12 month
N	687	536
Total	66.8	69.7
Age group		
15–19	61.0	(86.6)
20–24	63.0	72.3
25–29	69.4	71.3
30–34	70.0	71.1
35–39	69.0	69.2
40–44	65.3	62.6
45–49	60.3	(55.6)
Marital status		
Married or in union	69.7	na
Not married	56.2	na
Unmarried, sexually active	60.6	na
Parity		
0–1	61.7	74.8
2–3	68.4	68.1
4 or more	69.6	69.1
Residence		
Urban	56.6	60.3
Rural	75.8	76.5
Education		
Never attended	83.6	84.1
Primary	76.5	76.0
Middle/JJS	60.9	63.9
Secondary	58.4	59.2
Higher	45.7	(42.4)
Wealth quintile		
Lowest	86.6	87.3
Lower	69.5	73.7
Middle	64.7	67.4
Higher	60.6	66.1
Highest	56.2	53.8
Region		
Ashanti	58.6	60.9
Brong-Ahafo	63.7	73.4
Central	75.4	73.6
Eastern	73.1	70.6
Greater Accra	61.3	66.3
Northern	88.1	86.5
Upper East	80.1	79.0
Upper West	82.7	83.5
Volta	(70.1)	(76.2)
Western	52.2	(49.2)

(XX) = Estimate generated from less than 25 unweighted observations

Method information index

Percentage of current users who reported whether provider informed them about other methods, side effects and, if informed of side effects, what to do, by marital status and background characteristics¹

Background characteristics	Informed about other methods		Informed about side effects		Told what to do if experienced side effects	
	All users	Married users	All users	Married users	All users	Married users
N	687	536	687	536	337	275
Total	58.5	62.2	49.1	51.3	82.3	83.0
Age group						
15–19	35.9	(43.5)	51.0	(60.8)	(79.7)	(100.0)
20–24	51.6	58.3	43.7	47.9	74.5	74.1
25–29	62.1	63.2	54.5	60.5	80.8	78.9
30–34	62.4	63.8	47.6	47.4	87.4	89.8
35–39	54.6	55.0	53.1	50.4	86.9	85.0
40–44	65.6	68.4	43.7	44.8	(74.7)	(73.5)
45–49	85.2	(85.5)	48.5	(48.7)	(100.0)	(100.0)
Marital status						
Married or in union	62.2	na	51.3	na	83.0	na
Not married	45.4	na	41.1	na	79.4	na
Unmarried, sexually active	44.6	na	43.1	na	(68.3)	na
Parity						
0–1	44.3	50.4	41.5	46.6	80.7	84.4
2–3	64.7	64.1	52.0	51.6	82.6	82.2
4 or more	66.4	66.7	53.8	53.8	83.0	82.9
Residence						
Urban	52.3	57.3	44.8	47.8	82.5	81.9
Rural	64.0	65.8	52.8	53.8	82.1	83.6
Education						
Never attended	64.3	65.0	56.2	57.3	87.0	86.5
Primary	60.0	60.0	49.6	51.3	79.2	77.5
Middle/JJS	60.8	63.4	53.8	52.8	81.5	80.7
Secondary	51.9	65.3	32.3	34.6	(78.6)	(92.6)
Higher	39.5	(41.2)	35.1	(46.2)	(85.4)	(90.3)
Wealth quintile						
Lowest	64.7	65.9	61.1	64.6	86.7	86.3
Lower	63.5	65.4	49.9	51.4	83.2	85.2
Middle	66.0	69.6	46.7	48.0	83.3	78.8
Higher	47.5	52.9	44.5	45.6	82.2	80.4
Highest	53.0	57.2	45.2	47.4	75.7	82.2
Region						
Ashanti	57.1	61.4	37.0	37.1	71.1	70.7
Brong-Ahafo	54.5	52.3	48.0	45.1	97.8	(96.7)
Central	74.4	78.2	54.1	60.7	(74.8)	(72.3)
Eastern	69.6	72.5	53.5	52.9	(76.0)	(81.9)
Greater Accra	44.5	48.5	49.5	57.5	85.1	86.6
Northern	58.9	64.7	44.4	46.6	(92.6)	(96.1)
Upper East	79.1	85.3	65.3	65.6	88.1	(90.9)
Upper West	81.4	87.3	68.6	68.0	89.7	(96.2)
Volta	(54.8)	(53.2)	65.6	(82.4)	(76.2)	(72.8)
Western	41.9	(45.4)	44.3	(46.6)	(52.6)	(59.3)

¹"Informed about other methods" asked of all current contraceptive users, "informed about side effects" asked of current modern contraceptive users, and "told what to do if experienced side effects" asked of current modern contraceptive users who indicated they were told about side effects.

(XX) = Estimate generated from less than 25 unweighted observations

Quality of care for family planning

Percentage of current users who would return, would refer a friend/relative, or would return and refer friend/relative to provider, by background characteristics

Background characteristics	Percent who would return to provider	Percent who would refer relative/friend	Percent who would return and refer friend/relative
N	666	666	666
Total	83.5	79.5	72.5
Age group			
15–19	84.2	83.3	76.8
20–24	83.4	77.7	72.3
25–29	80.9	77.7	72.5
30–34	82.2	81.7	72.7
35–39	89.3	81.7	73.4
40–44	86.1	80.2	74.5
45–49	(77.9)	(73.8)	(59.9)
Marital status			
Married or in union	84.1	79.6	72.8
Not married	81.6	79.4	71.3
Unmarried, sexually active	86.6	86.7	80.5
Parity			
0–1	79.4	78.5	70.8
2–3	85.7	83.3	77.7
4 or more	84.4	75.4	66.9
Residence			
Urban	78.1	78.2	70.7
Rural	88.3	80.7	74.0
Education			
Never attended	91.4	76.9	73.9
Primary	84.8	78.2	71.1
Middle/JJS	82.0	82.1	73.3
Secondary	75.9	75.4	67.5
Higher	82.0	84.2	77.1
Wealth quintile			
Lowest	89.2	82.2	75.0
Lower	83.7	77.9	67.8
Middle	82.5	83.3	77.0
Higher	80.6	74.7	69.7
Highest	82.6	80.6	73.8
Region			
Ashanti	86.5	80.3	75.1
Brong-Ahafo	84.3	74.3	69.4
Central	79.6	80.0	70.8
Eastern	76.1	70.9	59.3
Greater Accra	79.1	83.4	73.0
Northern	98.3	88.1	88.1
Upper East	94.2	77.5	77.5
Upper West	81.0	88.3	75.1
Volta	(83.2)	(90.2)	(77.9)
Western	80.3	72.5	68.8

(XX) = Estimate generated from less than 25 unweighted observations

Knowledge of family planning

Percentage of women ages 15 to 49 who reported receiving family planning information from a health worker in the past 12 months, by marital status and background characteristics

Background characteristics	Visited by health worker who discussed family planning		Visited facility and provider discussed family planning		Either visited by health worker or visited facility and discussed family planning	
	All women	Married women	All women	Married women	All women	Married women
N	4,455	2,707	4,455	2,707	4,455	2,707
Total	17.8	21.6	19.8	27.4	28.8	37.1
Age group						
15–19	11.6	24.6	7.6	29.5	15.2	36.2
20–24	15.1	20.8	17.0	26.0	25.6	36.6
25–29	20.0	22.4	27.1	32.4	35.4	41.3
30–34	20.6	21.2	26.1	29.6	36.0	39.2
35–39	22.9	23.6	27.8	29.8	38.3	40.9
40–44	19.4	20.2	19.5	22.5	29.0	31.1
45–49	17.9	18.7	13.1	13.9	23.5	25.2
Marital status						
Married or in union	21.6	na	27.4	na	37.1	na
Not married	11.9	na	8.1	na	16.0	na
Unmarried, sexually active	17.6	na	12.6	na	23.5	na
Parity						
0–1	12.9	17.7	12.0	22.1	19.7	30.4
2–3	21.0	21.8	27.9	30.3	37.4	39.4
4 or more	24.2	24.4	27.0	28.4	38.2	39.9
Residence						
Urban	10.0	13.6	15.5	24.0	21.4	31.2
Rural	26.0	28.4	24.3	30.2	36.6	42.1
Education						
Never attended	26.8	27.7	28.9	31.0	40.9	43.4
Primary	22.5	24.0	20.5	25.0	33.1	36.6
Middle/JJS	15.9	19.0	17.6	25.3	25.9	34.2
Secondary	8.3	11.0	14.3	29.5	18.3	32.2
Higher	10.8	15.4	15.3	24.9	21.4	31.7
Wealth quintile						
Lowest	31.6	34.5	28.8	34.9	43.8	49.2
Lower	22.3	23.0	24.7	30.9	35.1	40.7
Middle	17.1	21.2	16.3	21.1	25.9	32.3
Higher	12.1	15.1	14.2	20.2	21.4	28.4
Highest	8.6	12.3	16.3	27.9	20.4	32.6
Region						
Ashanti	12.6	16.6	12.0	17.2	20.3	27.3
Brong-Ahafo	23.5	25.0	29.7	38.9	38.1	45.9
Central	14.2	13.7	12.0	13.6	22.2	24.0
Eastern	17.2	21.2	17.0	22.6	26.5	33.7
Greater Accra	8.7	12.5	20.2	35.2	23.4	38.4
Northern	29.1	33.3	21.1	27.9	37.5	44.3
Upper East	27.1	25.5	23.6	29.8	37.5	41.7
Upper West	47.2	51.9	40.4	48.9	57.3	63.5
Volta	16.0	18.4	25.4	31.8	33.1	39.2
Western	18.7	21.8	20.7	25.0	29.2	35.3

(XX) = Estimate generated from less than 25 unweighted observations

Fertility rates**Age-specific and total fertility rates among women ages 15 to 49, by residence: GDHS 2008 and PMA2013/Ghana**

Age group ASFR	GDHS 2008			PMA2013/Ghana		
	Urban	Rural	Total	Urban	Rural	Total
15–19	53	100	76	113.6	189.5	148.4
20–24	121	210	161	138.3	179.9	156.3
25–29	181	228	201	161.1	180.1	168.9
30–34	178	223	197	86.0	131.0	106.8
35–39	110	164	135	38.0	57.7	48.1
40–44	34	72	52	6.0	6.6	6.2
45–49	12	21	17	2.9	4.2	3.5
TFR	3.4	5.1	4.2	35.2	99.8	68.1

Availability of modern contraception, by method

Percentage of health facilities offering different types of contraceptive methods, by sector and method, among all facilities

Public facilities							
Facility characteristic	Contraceptive method						
	Pill	Injectables	IUD	Implants	Male condom	Female sterilization	Emergency contraception
N = 101							
Total	95.0	97.0	56.4	80.2	94.1	23.8	63.4
Facility type							
Hospital/Polyclinic	95.7	95.7	80.9	91.5	95.7	51.1	63.8
Health center/Health clinic	97.3	97.3	40.5	83.8	91.9	0.0	70.3
CHPS	(86.7)	(100.0)	(13.3)	(33.3)	(93.3)	(0.0)	(40.0)
Pharmacy/Chemist/Retail							
Outlet/Other	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(0.0)	(100.0)
Number of beds¹							
0-50	95.6	98.5	45.6	75.0	94.1	7.4	64.7
51-100	(90.0)	(90.0)	(70.0)	(85.0)	(90.0)	(55.0)	(65.0)
101 or more	(100.0)	(100.0)	(91.7)	(100.0)	(100.0)	(66.7)	(50.0)

Private facilities							
Facility characteristic	Contraceptive method						
	Pill	Injectables	IUD	Implants	Male condom	Female sterilization	Emergency contraception
N = 37							
Total	56.8	24.3	8.1	16.2	64.9	8.1	32.4
Facility type							
Hospital/Polyclinic	(33.3)	(33.3)	(22.2)	(33.3)	(33.3)	(33.3)	(22.2)
Health center/Health clinic	(50.0)	(66.7)	(0.0)	(33.3)	(50.0)	(0.0)	(0.0)
CHPS	na	na	na	na	na	na	na
Pharmacy/Chemist/Retail							
Outlet/Other	(68.2)	(9.1)	(4.5)	(4.5)	(81.8)	(0.0)	(45.5)
Number of beds¹							
0-50	(50.0)	(62.5)	(12.5)	(37.5)	(37.5)	(0.0)	(12.5)
51-100	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
101 or more	(33.3)	(33.3)	(33.3)	(33.3)	(33.3)	(33.3)	(16.7)

¹Number of beds only asked of advanced facilities, including hospital/polyclinic, health center, health post, health clinic and other

(XX) = Estimate generated from less than 25 unweighted observations

(XX) = Estimate generated from less than 5 unweighted observations

Payment for family planning services**Percentage of public service delivery points (SDPs) that charge fees for family planning services**

Facility characteristic	Facility	
	Public	Private
N	98	28
Total	90.8	75.0
Facility type		
Hospital/Polyclinic	95.6	(100.0)
Health center/Health Clinic	83.3	(100.0)
CHPS	(93.3)	na
Pharmacy/Chemist/Retail		
Outlet/Other	(100.0)	(66.7)
Number of beds¹		
0-50	89.6	(100.0)
51-100	(88.9)	na
101 or more	(100.0)	(100.0)

¹Number of beds only asked of advanced facilities, including hospital/polyclinic, health center, health post, health clinic and other

(XX) = Estimate generated from less than 25 unweighted observations

(XX) = Estimate generated from less than 5 unweighted observations

Family planning visits in the past month

Number of client visits and number of new clients for contraceptive services, by method type and facility characteristics, among advanced facilities¹ that offer each method

	Contraceptive Methods													
	Sterilization		Injectable		IUD		Implants		Male condom		Pills		Emergency Contraception	
	Total women	Total men	Total	New	Total	New	Total	New	Total	New	Total	New	Total	New
Sample size	27	13	107		60		87		119		117		76	
Total	93	0	14,896	2,801	448	172	1,894	661	1,712	714	1,788	401	90	42
Facility characteristic														
Facility type														
Hospital/Polyclinic	93	0	9,872	1,889	260	109	1,074	444	714	147	1,209	281	50	26
Health center/Health clinic	na	na	3,878	746	183	61	382	203	927	561	486	118	40	16
CHPS	na	na	806	118	0	0	438	14	56	4	71	1	0	0
Other	na	na	340	48	5	2	0	0	15	2	22	1	0	0
Number of beds														
0-50	12	0	8,508	1,540	239	80	1,037	336	1,312	627	856	195	56	32
51-100	51	0	3,969	744	99	34	567	182	145	48	316	116	17	5
101 or more	30	0	2,145	474	110	58	276	132	255	39	616	90	17	5
Sector														
Public	93	0	14,209	2,614	441	170	1,832	637	1,644	683	1,409	322	90	42
Private	0	0	687	187	7	2	62	24	68	31	379	79	0	0

¹Advanced facilities include hospital, health center, health clinic, Community-Based Health Planning and Services (CHPS), and other.

Experienced contraceptive stockouts in the past 12 months

Percentage of public service delivery points (SDPs) reporting stockout of a modern contraceptive method in the 3 months preceding the survey, by sector and method, among facilities that offer each method

Public facilities						
Facility characteristic	Contraceptive method				Male condom	Emergency contraception
	Pill	Injectables	IUD	Implants		
N	96	98	57	81	95	64
Total	28.1	24.5	19.3	6.2	38.9	51.6
Facility type						
Hospital/Polyclinic	20.0	22.2	18.4	4.7	33.3	53.3
Health center/Health clinic	38.9	25.0	(20.0)	9.7	50.0	57.7
CHPS	(30.8)	(26.7)	(50.0)	(0.0)	(35.7)	(0.0)
Pharmacy/Chemist/Retail	(0.0)	(50.0)	(0.0)	(0.0)	(0.0)	(100.0)
Number of beds¹						
0-50	29.2	23.9	16.1	5.9	35.9	56.8
51-100	(11.1)	(11.1)	(14.3)	(0.0)	(44.4)	(46.2)
101 or more	(41.7)	(41.7)	(27.3)	(16.7)	(50.0)	(33.3)

Private facilities						
Facility characteristic	Contraceptive method				Male condom	Emergency contraception
	Pill	Injectables	IUD	Implants		
N	21	9	3	6	24	12
Total	4.8	11.1	0.0	0.0	20.8	16.7
Facility type						
Hospital/Polyclinic	(0.0)	(33.3)	(0.0)	(0.0)	66.7	50.0
Health center/Health clinic	(0.0)	(0.0)	na	(0.0)	33.3	na
CHPS	na	na	na	na	na	na
Pharmacy/Chemist/Retail	(6.7)	(0.0)	(0.0)	(0.0)	(11.1)	(10.0)
Number of beds¹						
0-50	(0.0)	(0.0)	(0.0)	(0.0)	(33.3)	(0.0)
51-100	na	na	na	na	na	na
101 or more	(0.0)	(50.0)	(0.0)	(0.0)	(50.0)	(0.0)

¹Number of beds only asked of advanced facilities, including hospital/polyclinic, health center, health post, health clinic and other

(XX) = Estimate generated from less than 25 unweighted observations

(XX) = Estimate generated from less than 5 unweighted observations

List of indicators for sampling errors, PMA2016/Ghana-Round 1

Variable	Estimation	Base population
Age-specific fertility rates for women ages 15–19 years	Rate	All adolescents ages 15–19
Currently using a modern method	Proportion	All women ages 15–49 Married women ages 15–49
Currently using a traditional method	Proportion	All women ages 15–49 Married women ages 15–49
Currently using any contraceptive method	Proportion	All women ages 15–49 Married women ages 15–49
Currently using injectables	Proportion	All women ages 15–49 Married women ages 15–49
Currently using male condoms	Proportion	All women ages 15–49 Married women ages 15–49
Currently using implants	Proportion	All women ages 15–49 Married women ages 15–49
Chose method by self or jointly in past 12 months	Proportion	All women ages 15–49 Married women ages 15–49
Paid fees for family planning services in past 12 months	Proportion	All women ages 15–49 Married women ages 15–49
Informed by provider about other methods	Proportion	All women ages 15–49 Married women ages 15–49
Informed by provider about side effects	Proportion	All women ages 15–49 Married women ages 15–49
Satisfied with provider: Would return and refer friend/relative to provider	Proportion	All women ages 15–49 Married women ages 15–49
Visited by health worker who talked about family planning information in past 12 months	Proportion	All women ages 15–49 Married women ages 15–49