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Results from Phase 1 baseline survey

September–October 2020

OVERALL KEY FINDINGS

Quality of FP counseling remains low/poor with only **2 in 5** current FP users reporting receipt of comprehensive information on contraceptive methods (MII+).

There is inequitable receipt of FP information from health care workers, disfavoring adolescents.
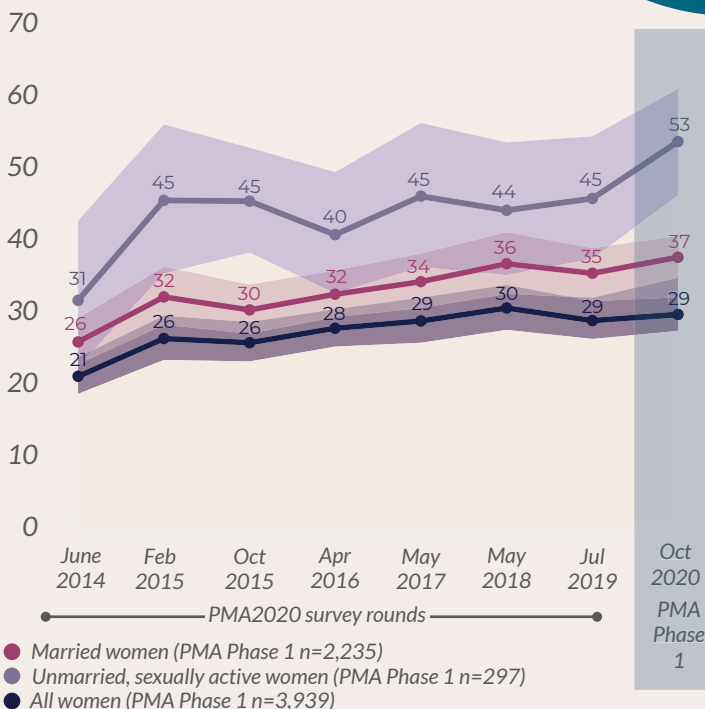
A quarter of facilities that offer implants, and **43%** of those offering IUDs do not have a trained provider and instrument/supplies for insertion/removal.

SECTION 1: CONTRACEPTIVE USE, DYNAMICS, AND DEMAND
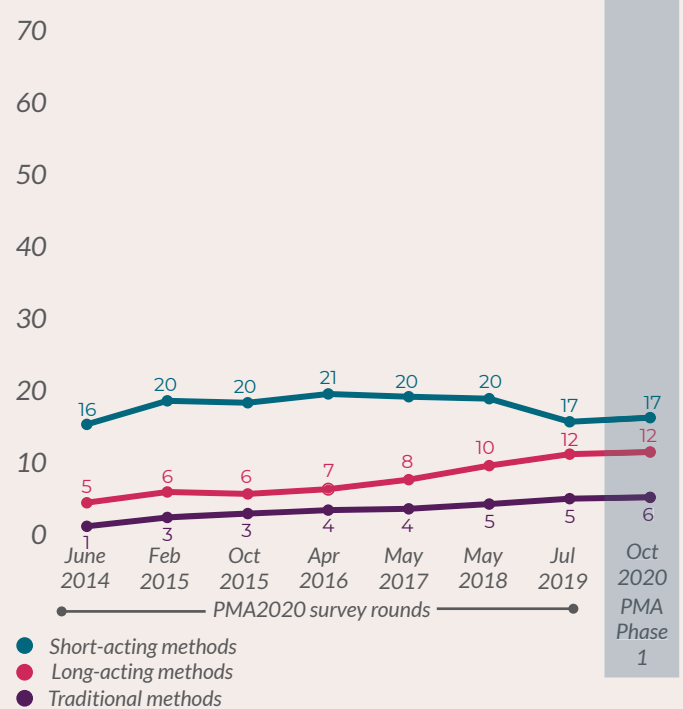
MODERN CONTRACEPTIVE PREVALENCE

Percent of women age 15-49 currently using modern contraception (mCPR) by marital status

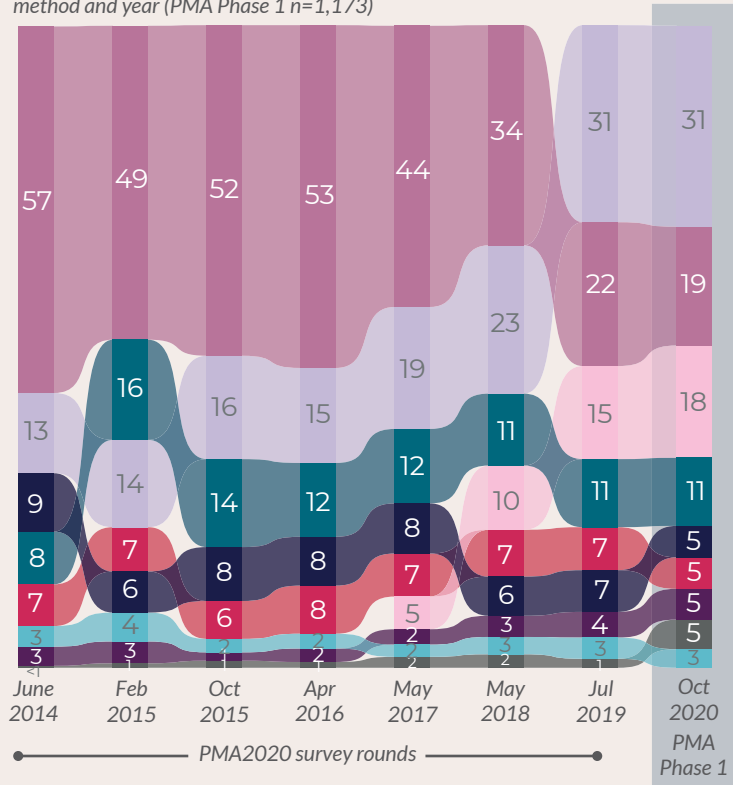**1.2%** *average annual increase in mCPR for all women*

Married women (PMA Phase 1 n=2,235)
Unmarried, sexually active women (PMA Phase 1 n=297)
All women (PMA Phase 1 n=3,939)

CONTRACEPTIVE PREVALENCE BY METHOD TYPE

Percent of women age 15-49 currently using contraception by method type (PMA Phase 1 n=3,939)

Short-acting methods
Long-acting methods
Traditional methods

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MAKERERE UNIVERSITY

JOHNS HOPKINS
BLOOMBERG SCHOOL *of* PUBLIC HEALTH

Bill & Melinda Gates Institute for Population and Reproductive Health

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TRENDS IN MODERN CONTRACEPTIVE MIX

Percent distribution of modern contraceptive users (all women) age 15-49 by method and year (PMA Phase 1 n=1,173)

June 2014 | Feb 2015 | Oct 2015 | Apr 2016 | May 2017 | May 2018 | Jul 2019 | Oct 2020 PMA Phase 1

PMA2020 survey rounds

MODERN CONTRACEPTIVE METHOD MIX

Percent distribution of modern contraceptive users age 15-49 by method and marital status

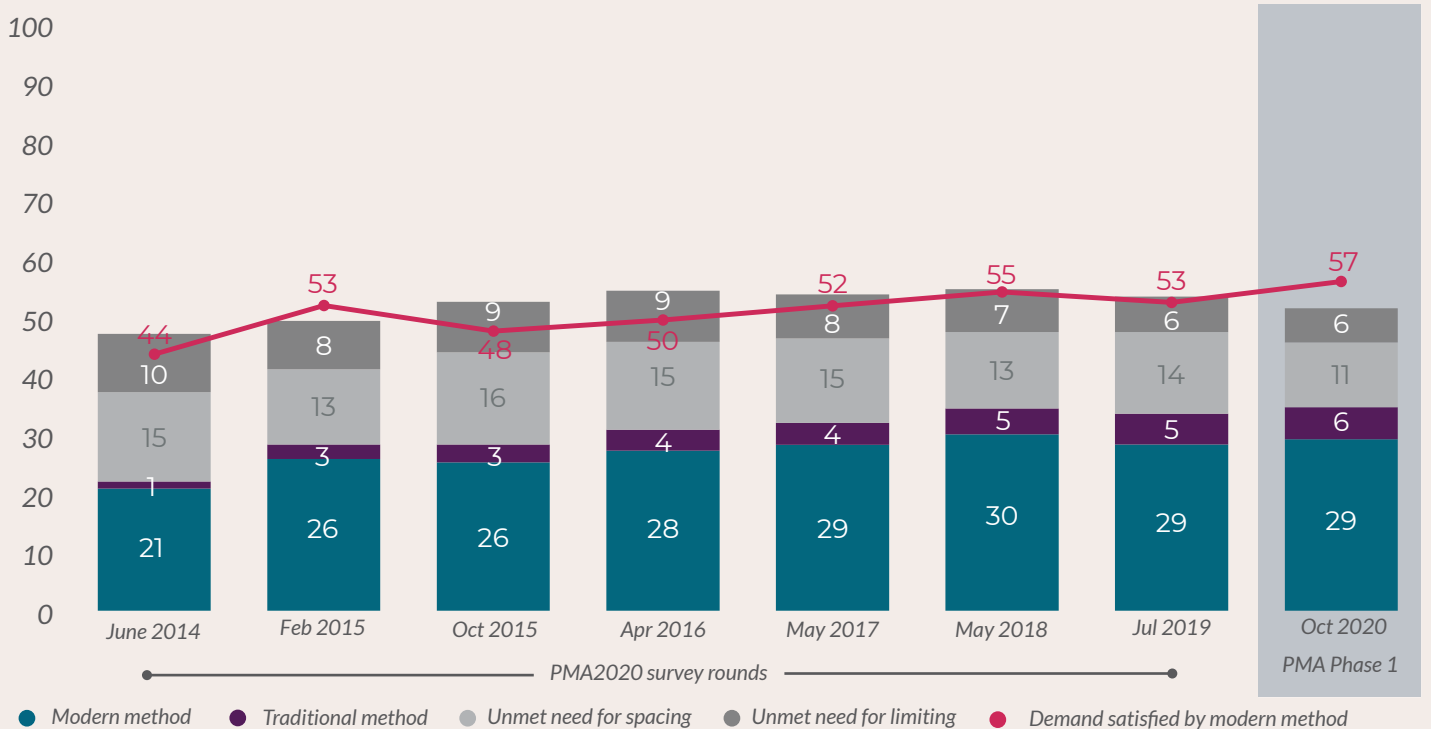Married/in union women (n=873) | Unmarried, sexually active women (n=160)
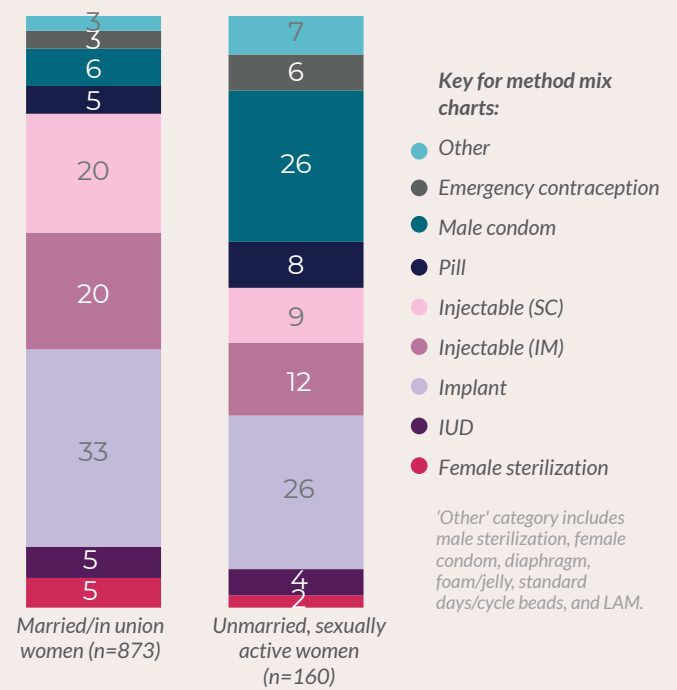
Key for method mix charts:

- Other
- Emergency contraception
- Male condom
- Pill
- Injectable (SC)
- Injectable (IM)
- Implant
- IUD
- Female sterilization

'Other' category includes male sterilization, female condom, diaphragm, foam/jelly, standard days/cycle beads, and LAM.

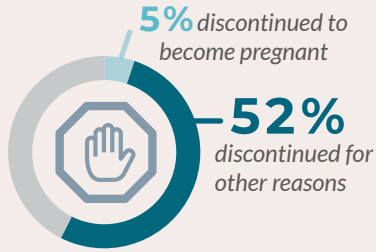# METHOD USE, UNMET NEED, AND DEMAND SATISFIED BY A MODERN METHOD

Percent of women age 15-49 using contraception by method type, unmet need, and demand satisfied by a modern method (PMA Phase 1 n=3,939)

June 2014 | Feb 2015 | Oct 2015 | Apr 2016 | May 2017 | May 2018 | Jul 2019 | Oct 2020 PMA Phase 1

PMA2020 survey rounds

- ● Modern method
- ● Traditional method
- ● Unmet need for spacing
- ● Unmet need for limiting
- ● Demand satisfied by modern method

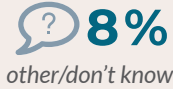*Demand satisfied by a modern method is use of modern contraceptive methods divided by the sum of unmet need plus total contraceptive use.*

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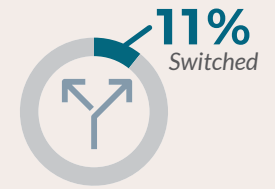
12-MONTH DISCONTINUATION RATE

Among women who started an episode of contraceptive use within the two years preceding the survey, the percent of episodes discontinued within 12 months (n=1,734 episodes)

5% discontinued to become pregnant

52% discontinued for other reasons

Reasons for discontinuation:

5% experienced method failure

15% were concerned over side effects or health

17% had other fertility related reasons

3% other method-related reasons

5% wanted a more effective method

8% other/don't know

Discontinued but switched methods:

11% Switched

INTENTION OF MOST RECENT BIRTH/CURRENT PREGNANCY

Percent of women by intention of their most recent birth or current pregnancy (n=2,266)

30% Wanted later

14% Wanted no more children

57% Intended

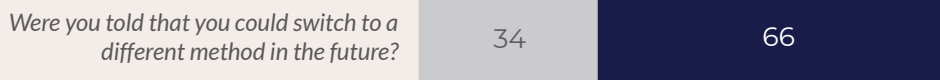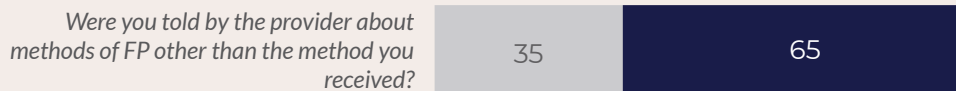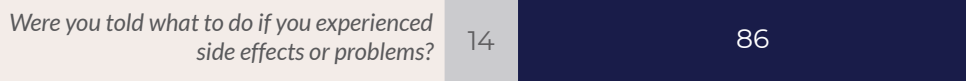**44%** of pregnancies were unintended
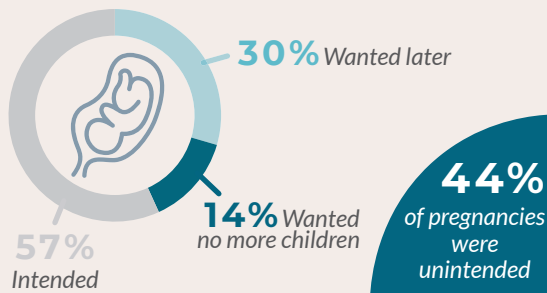
KEY FINDINGS FOR SECTION 1: CONTRACEPTIVE USE, DYNAMICS, AND DEMAND

- There is a consistent increase in LARC and use of traditional methods.
- There is a consistent rise of DMPA-SC as method of injectable administration.
- Unintended pregnancies are still very high, with nearly **2 out of 5** of last pregnancies wanted later or not wanted.

SECTION 2: QUALITY OF FP SERVICES AND COUNSELING

METHOD INFORMATION INDEX PLUS (MII+)

Percent of women who were told about side effects, what to do about side effects, of other methods, and the possibility of switching methods (n=1,131)

Question	No	Yes
When you obtained your method were you told by the provider about side effects or problems you might have?	40	60
Were you told what to do if you experienced side effects or problems?	14	86
Were you told by the provider about methods of FP other than the method you received?	35	65
Were you told that you could switch to a different method in the future?	34	66

● No ● Yes

Percent of women who responded "Yes" to all four MII+ questions

58% answered **"No"** to at least one MII+ question

42% answered **"Yes"** to all four MII+ questions

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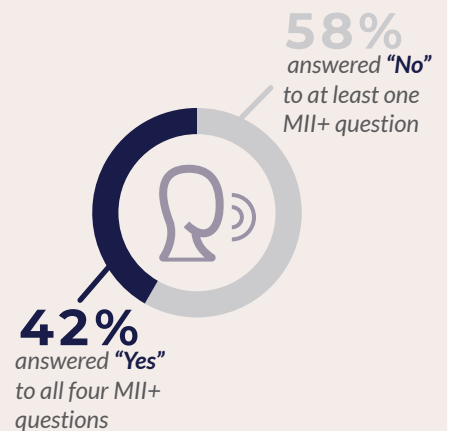
DISCUSSED FP IN THE PAST YEAR WITH PROVIDER/CHW

Percent of women who received FP information from a provider or community health worker (CHW), by age

	82	62	58
	18	38	42
	15-19 (n=958)	20-24 (n=782)	25-49 (n=2,199)

● Yes   ● No
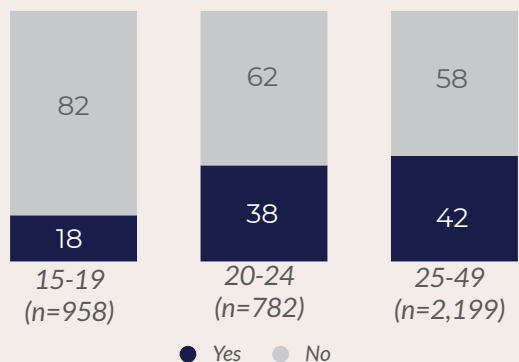
CLIENT EXIT INTERVIEWS

Percent of female clients age 15-49 who said yes to the following questions

During today's visit, did the provider tell you the advantages/disadvantages of the FP method? (n=2,389)

46%

54%
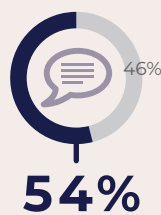
During today's visit, did you obtain the method of FP you wanted? (n=2,397)

9%   4%

87%

Were you satisfied with FP services you received today at this facility? (n=2,397)

5%

95%

● Yes   ● No   ● Neither (follow-up visit)

Clients were interviewed immediately following their health facility visit to obtain FP counseling or services.

## KEY FINDINGS FOR SECTION 2: QUALITY OF FP SERVICES AND COUNSELING

- *Only **2 in 5** current FP users reported receipt of comprehensive information on contraceptive methods (MII+).*
- *Adolescents girls are least likely to have received FP information from a health provider/CHW in the past year.*
- ***Nearly half** of women exiting health facilities were not told of the advantages/disadvantages of the FP method received.*

SECTION 3: PARTNER DYNAMICS

PARTNER INVOLVEMENT IN FP DECISIONS

Percent of women who are currently using modern, female controlled methods and agree with the following statements (n=1,145)

Does your partner know that you are using this method?

20%

80%
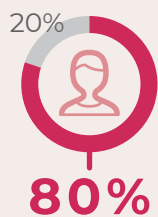
Before you started using this method had you discussed the decision to delay or avoid pregnancy with your partner?

25%

75%

● Yes   ● No

Modern, female controlled methods Includes all modern methods except male sterilization and male condoms

Percent of women who are currently using FP and agree with the following statements

Would you say that using FP is mainly your decision? (n=1,347)

1%

48%   38%

14%
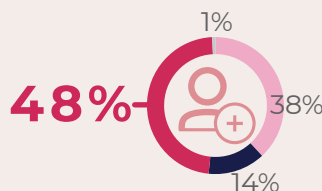
Percent of women who are not currently using FP and agree with the following statements

Would you say that not using FP is mainly your decision? (n=2,224)

5%

17%

8%   70%
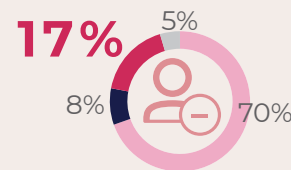
● Joint decision
● Mainly respondent
● Mainly partner
● Other

KEY FINDINGS FOR SECTION 3: PARTNER DYNAMICS

- *Among women using a modern method that can be concealed, **20%** report that their partner does not know that they are using contraception.*
- *Discussion of fertility decisions among couples are still sub-optimal.*
- ***Fifteen percent** of current users reported that decision to use FP was mainly by their partner or someone else.*

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AGREEMENT WITH CONTRACEPTIVE EMPOWERMENT STATEMENTS

Percent of married/in union women who strongly agree to strongly disagree with each statement

Existence of choice (motivational autonomy) for contraception (n=2,275)

If I use FP, my body may experience side effects that will disrupt relations with my partner.
| 12 | 28 | 5 | 37 | 18 |

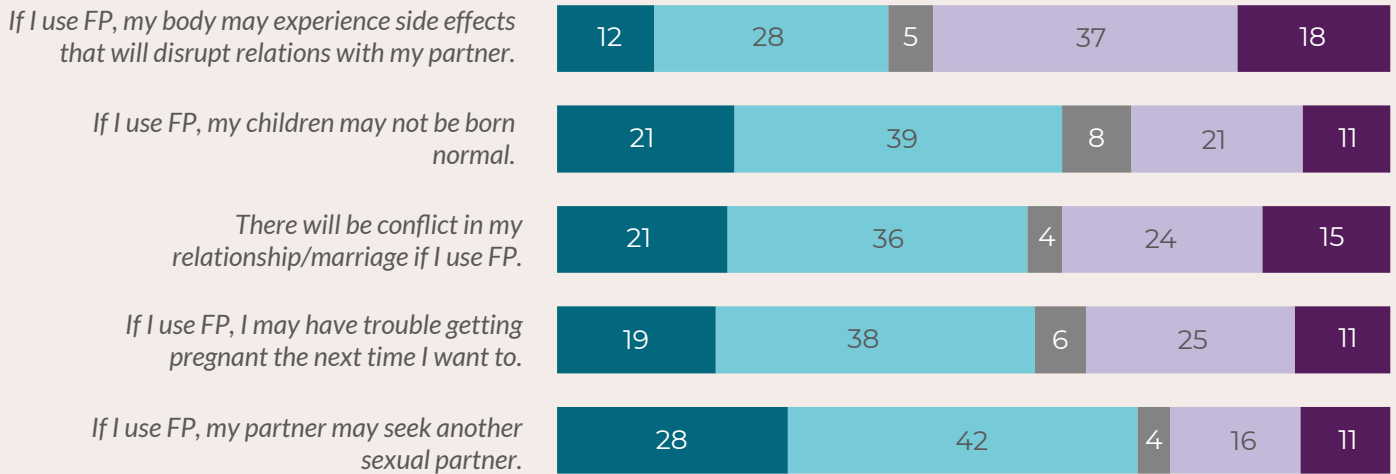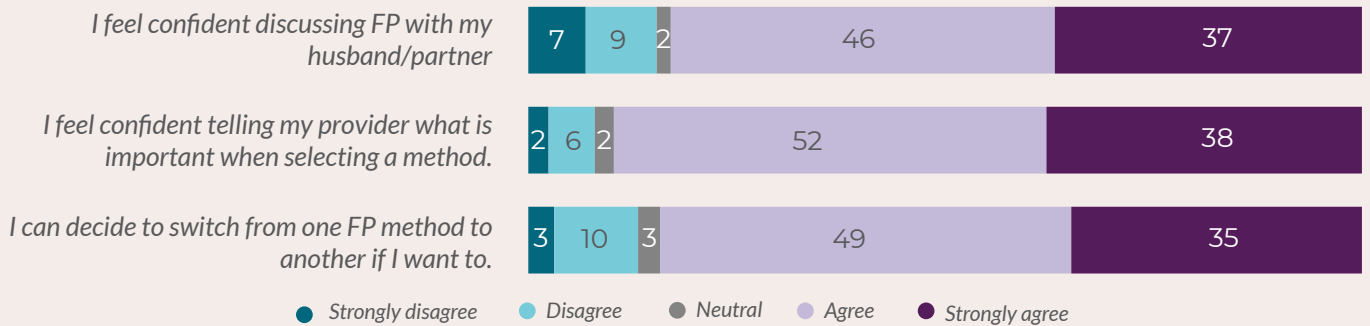*If I use FP, my children may not be born normal.*
| 21 | 39 | 8 | 21 | 11 |

There will be conflict in my relationship/marriage if I use FP.
| 21 | 36 | 4 | 24 | 15 |

If I use FP, I may have trouble getting pregnant the next time I want to.
| 19 | 38 | 6 | 25 | 11 |

If I use FP, my partner may seek another sexual partner.
| 28 | 42 | 4 | 16 | 11 |

Exercise of choice (self-efficacy, negotiation) for contraception (n=2,314)

I feel confident discussing FP with my husband/partner
| 7 | 9 | 2 | 46 | 37 |

I feel confident telling my provider what is important when selecting a method.
| 2 | 6 | 2 | 52 | 38 |

I can decide to switch from one FP method to another if I want to.
| 3 | 10 | 3 | 49 | 35 |

● Strongly disagree ● Disagree ● Neutral ● Agree ● Strongly agree

WOMEN AND GIRL'S EMPOWERMENT (WGE) SUB-SCALE FOR CONTRACEPTION

The Women and Girls' Empowerment (WGE) Index examines existence of choice, exercise of choice, and achievement of choice domains across pregnancy, contraception, and sex outcomes in married/in union women.

Presented results are only for the existence of choice and exercise of choice domains for contraception.

Scores from each contraceptive empowerment domain were summed and divided by number of items per domain (existence of choice=5 items; exercise of choice=3 items). Domains were then combined and equally weighted.

Range for the combined WGE contraception score is 1-5, with a score of 5 indicating highest empowerment.

Mean WGE score, by education
- Overall: 3.7
- Tertiary education: 3.8
- Secondary education: 3.7
- None/ Primary education: 3.6

Mean WGE score, by age
- Overall: 3.7
- 25-49: 3.7
- 20-24: 3.6
- 15-19: 3.6

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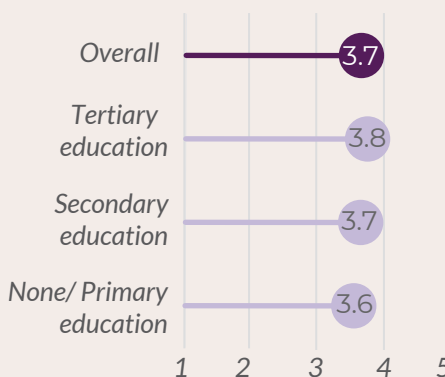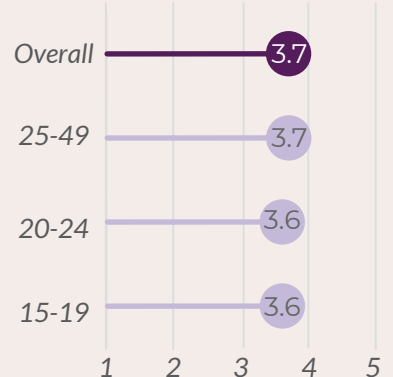
mCPR and intent to use contraception, by categorical WGE score

Percent of married/in union women using a modern method of contraception and percent of married/in union women who intend to use contraception in the next year by categorical WGE score (n=2,131)

WGE category	mCPR	Intent to use contraception
Lowest (1) or low (2)	24	18
Median	39	21
High	45	24
Highest (5)	54	18

Empowerment

mCPR and intent to use contraception, by employment status

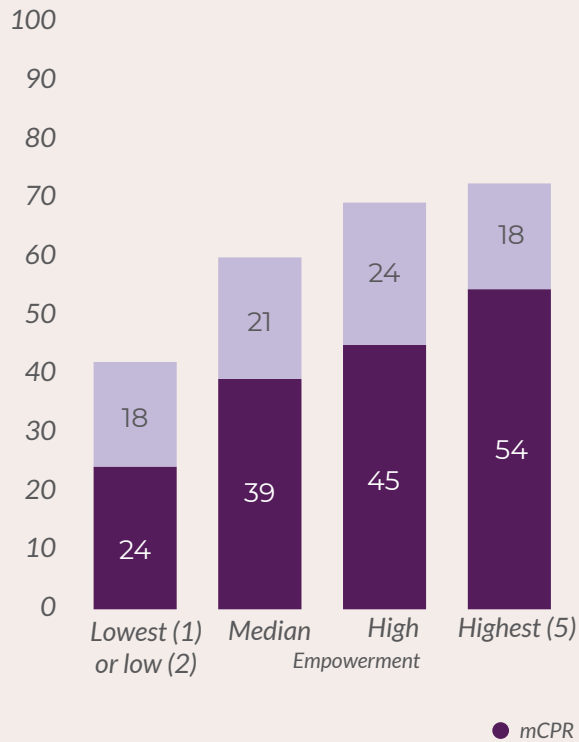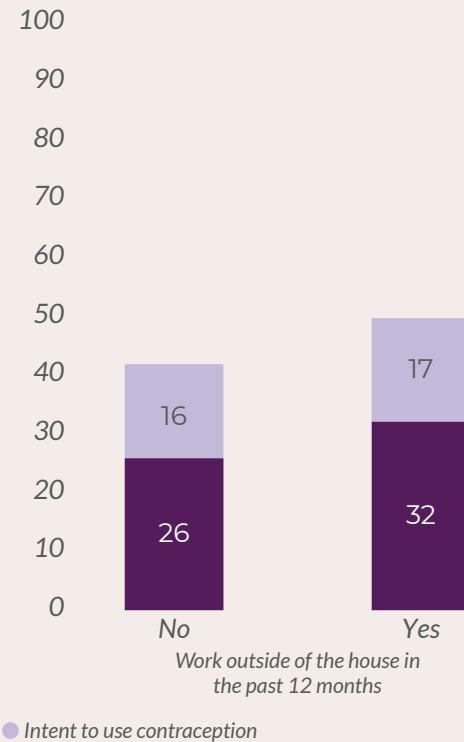*Percent of all women using a modern method of contraception and percent of all women who intend to use contraception in the next year by employment status (n=3,939)*

Work outside of the house in the past 12 months	mCPR	Intent to use contraception
No	26	16
Yes	32	17

● mCPR   ● Intent to use contraception

SECTION 5: ATTITUDES TOWARDS CONTRACEPTION

PERSONAL ATTITUDES

Percent of women who personally agree with statements made about contraceptive use, by age and contraceptive use status

Adolescents who use FP are promiscuous.

(n=3,918)

By age

	Disagree/Strongly disagree	Agree/Strongly agree
15-19	47	54
20-24	56	44
25-49	46	54

By residence

	Disagree/Strongly disagree	Agree/Strongly agree
Rural	49	51
Urban	46	54

By contraceptive use status

	Disagree/Strongly disagree	Agree/Strongly agree
Non-users	46	55
Users	53	47

FP is only for married women.

(n=3,928)

By age

	Disagree/Strongly disagree	Agree/Strongly agree
15-19	54	46
20-24	64	36
25-49	60	40

By residence

	Disagree/Strongly disagree	Agree/Strongly agree
Rural	60	40
Urban	58	42

By contraceptive use status

	Disagree/Strongly disagree	Agree/Strongly agree
Non-users	56	44
Users	65	35

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FP is only for women who don't want any more children.

(n=3,919)

By age

	Disagree/Strongly disagree	Agree/Strongly agree
15-19	56	44
20-24	67	33
25-49	62	38

By residence

	Disagree/Strongly disagree	Agree/Strongly agree
Rural	61	39
Urban	62	38

By contraceptive use status

	Disagree/Strongly disagree	Agree/Strongly agree
Non-users	58	42
Users	67	33
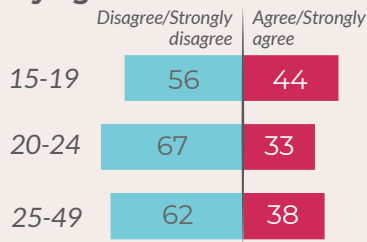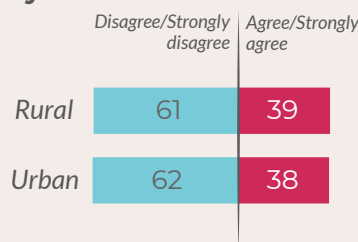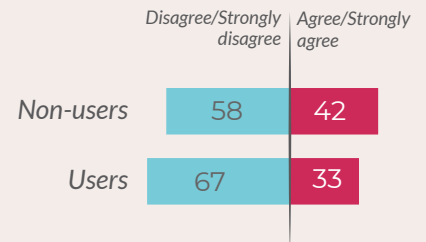
People who use FP have a better quality of life.

(n=3,919)

By age

	Disagree/Strongly disagree	Agree/Strongly agree
15-19	38	62
20-24	35	65
25-49	33	67

By residence

	Disagree/Strongly disagree	Agree/Strongly agree
Rural	32	68
Urban	40	60

By contraceptive use status

	Disagree/Strongly disagree	Agree/Strongly agree
Non-users	36	64
Users	32	69
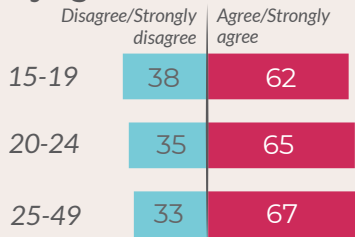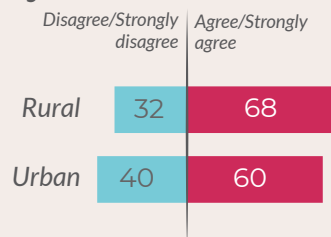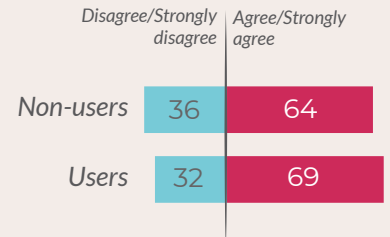
KEY FINDINGS FOR SECTION 5: ATTITUDES TOWARDS CONTRACEPTION

- *Attitudes towards contraceptive use are largely poor regarding adolescent use of methods, use for only married women and for only those who want to limit childbearing.*

- *More than **60%** of the women agreed or strongly agreed that people who use FP have a better quality of life. There is no difference by age, residence or use of FP.*

SECTION 6: REPRODUCTIVE TIMELINE

REPRODUCTIVE TIMELINE

Median age at reproductive events (n=1,168)

Urban women | Rural women

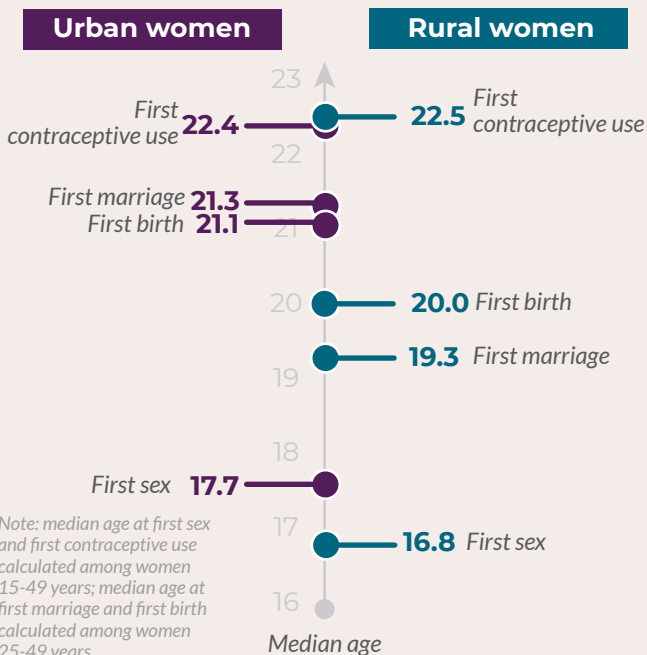| Urban women	Median age	Rural women
First contraceptive use **22.4**	22	**22.5** First contraceptive use
First marriage **21.3**	21	
First birth **21.1**		
	20	**20.0** First birth
	19	**19.3** First marriage
	18	
First sex **17.7**	17	
	16.8	**16.8** First sex

Note: median age at first sex and first contraceptive use calculated among women 15-49 years; median age at first marriage and first birth calculated among women 25-49 years.

Median age

Urban women
1.4 *average children at first use*

Rural women
2.3 *average children at first use*

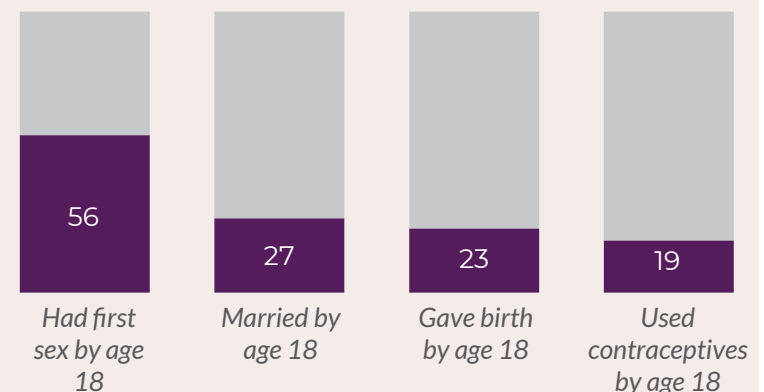## REPRODUCTIVE EVENTS BY AGE 18

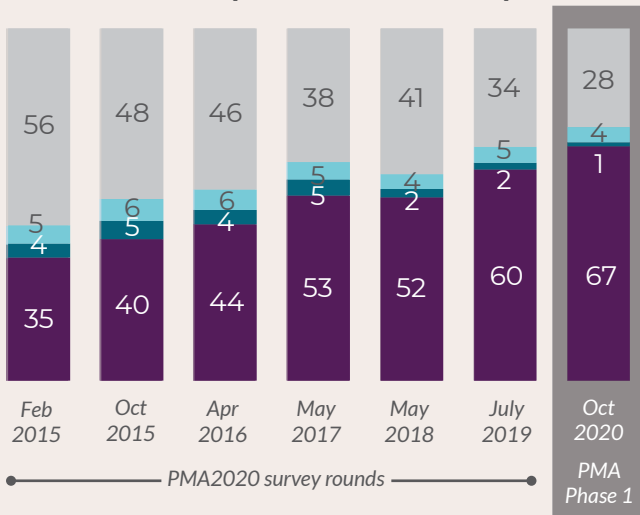*Percent of women aged 18-24 who experienced reproductive events by age 18 (n=1,168)*

Had first sex by age 18	Married by age 18	Gave birth by age 18	Used contraceptives by age 18
56	27	23	19

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SECTION 7: SERVICE DELIVERY POINTS

TRENDS IN METHOD AVAILABILITY: IUD

Public facilities (PMA Phase 1 n=257)
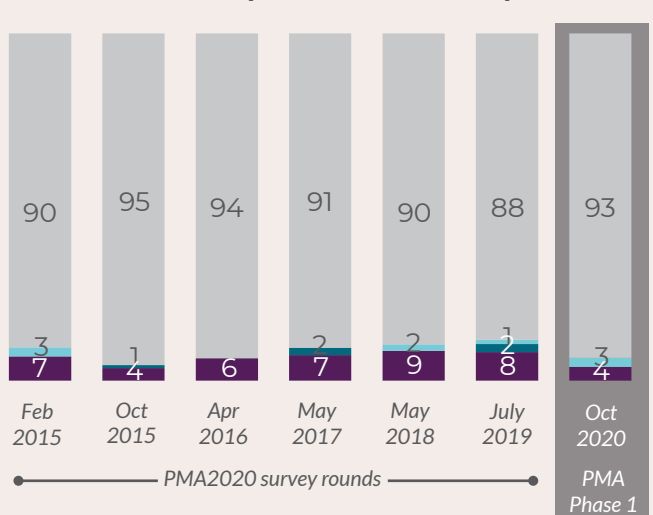
	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020
Not offered	56	48	46	38	41	34	28
Currently out of stock	5	6	6	5	4	5	4
Currently in stock but stockout in last 3 months	4	5	4	5	2	2	1
Currently in stock and no stockout in last 3 months	35	40	44	53	52	60	67

PMA2020 survey rounds / PMA Phase 1

Private facilities (PMA Phase 1 n=76)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020
Not offered	90	95	94	91	90	88	93
Currently out of stock	3	1		2	2	2	3
						1	
Currently in stock	7	4	6	7	9	8	4

PMA2020 survey rounds / PMA Phase 1

● Currently in stock and no stockout in last 3 months ● Currently in stock but stockout in last 3 months ● Currently out of stock ● Not offered

TRENDS IN METHOD AVAILABILITY: IMPLANT

Public facilities (PMA Phase 1 n=257)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020
Not offered	39	35	36	26	22	17	15
Currently out of stock	13	10	7	7	9	10	5
Currently in stock but stockout in last 3 months	9	9	10	5	11	11	21
Currently in stock and no stockout in last 3 months	39	45	47	62	58	62	59

PMA2020 survey rounds / PMA Phase 1

Private facilities (PMA Phase 1 n=76)

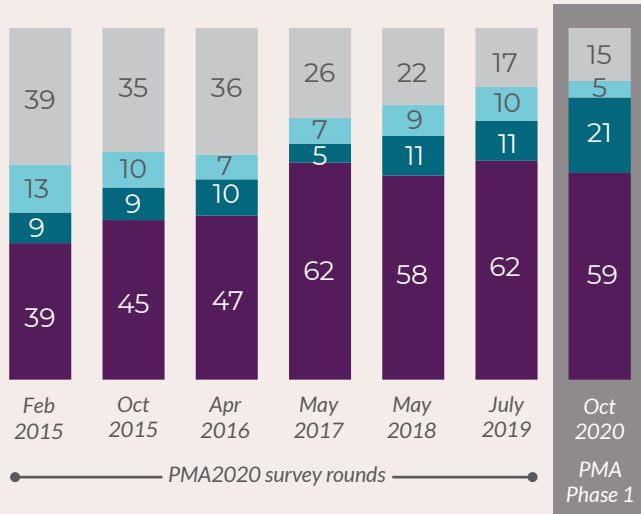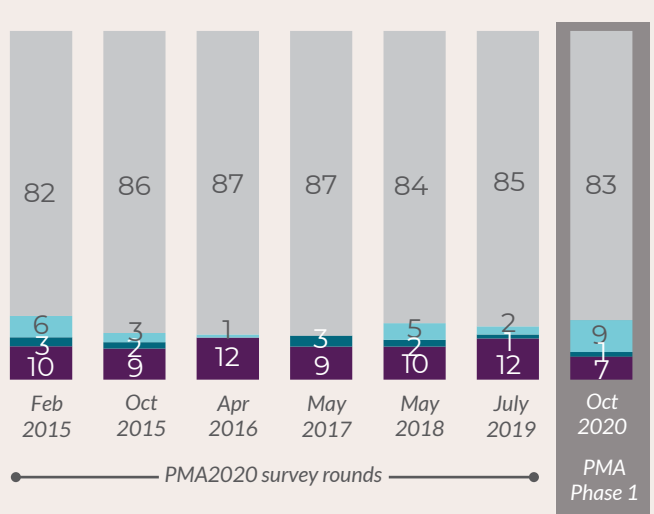|	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020
Not offered	82	86	87	87	84	85	83
Currently out of stock	6	3	1		5	2	9
Currently in stock but stockout in last 3 months	3	2		3		1	1
Currently in stock and no stockout in last 3 months	10	9	12	9	10	12	7

PMA2020 survey rounds / PMA Phase 1

● Currently in stock and no stockout in last 3 months ● Currently in stock but stockout in last 3 months ● Currently out of stock ● Not offered

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TRENDS IN METHOD AVAILABILITY: INJECTABLES

Public facilities (PMA Phase 1 n=257)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020 (PMA Phase 1)
Not offered	2	4	4	1	2	3	5
Currently out of stock	1	3	2	7	18	21	
Currently in stock but stockout in last 3 months	4	6	6	10	10	20	15
Currently in stock and no stockout in last 3 months	93	87	88	82	70	56	77

PMA2020 survey rounds

Private facilities (PMA Phase 1 n=76)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020 (PMA Phase 1)
Not offered	30	23	25	24	26	31	21
Currently out of stock	6	11	13	28	23	22	18
Currently in stock but stockout in last 3 months	12	14	17	17	13	19	18
Currently in stock and no stockout in last 3 months	52	52	45	31	38	28	42

PMA2020 survey rounds

- Currently in stock and no stockout in last 3 months - Currently in stock but stockout in last 3 months - Currently out of stock - Not offered

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TRENDS IN METHOD AVAILABILITY: PILLS
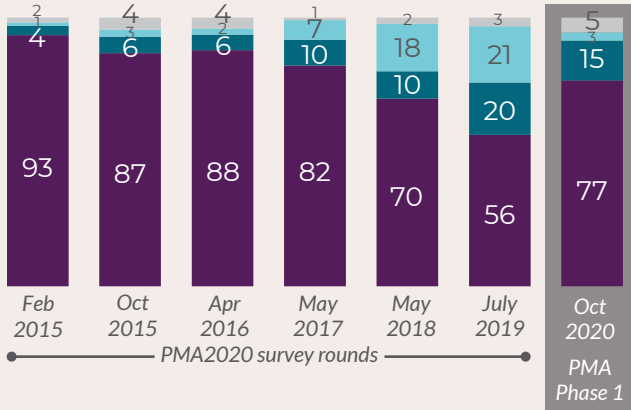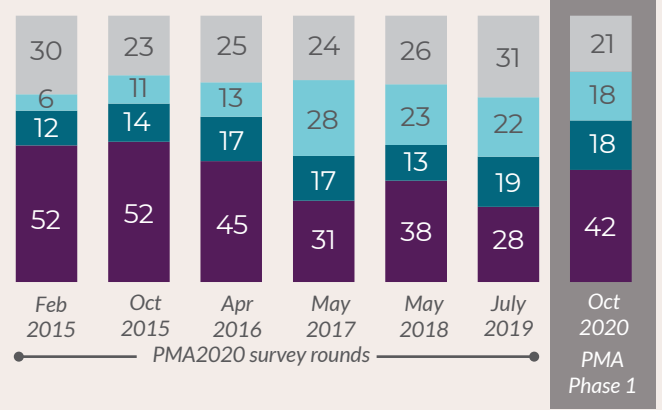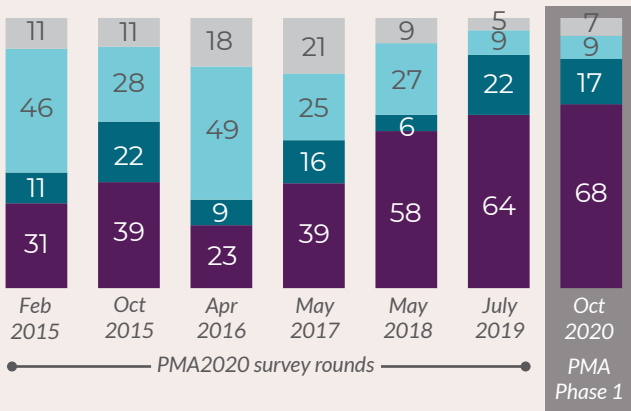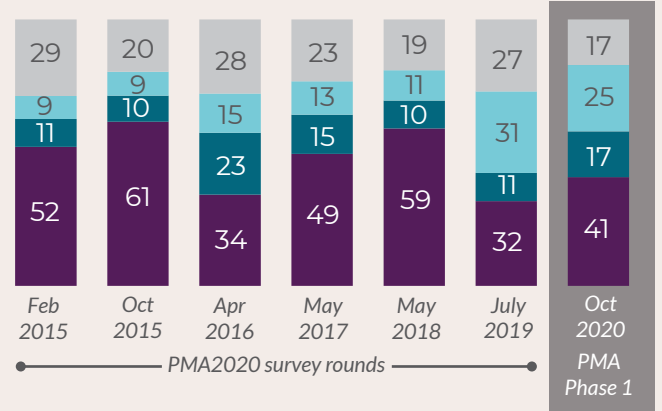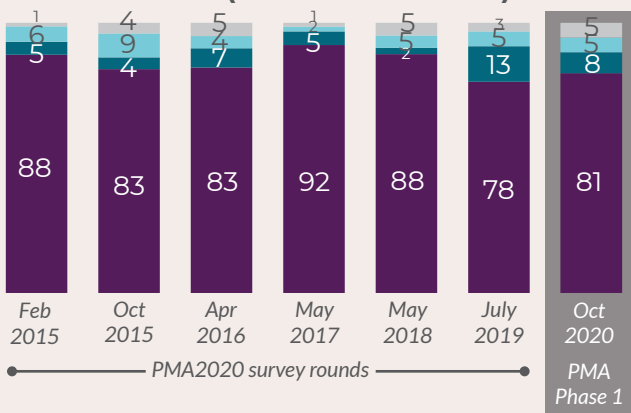
Public facilities (PMA Phase 1 n=257)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020 (PMA Phase 1)
Not offered	11	11	18	21	9	5	7
Currently out of stock	46	28	49	25	27	9	9
Currently in stock but stockout in last 3 months	11	22	9	16	6	22	17
Currently in stock and no stockout in last 3 months	31	39	23	39	58	64	68

PMA2020 survey rounds

Private facilities (PMA Phase 1 n=76)

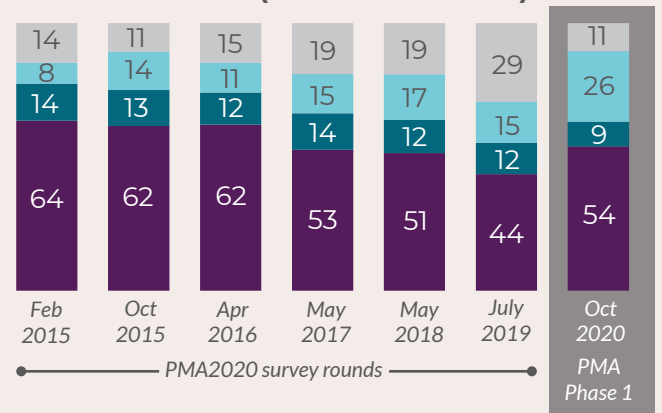|	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020 (PMA Phase 1)
Not offered	29	20	28	23	19	27	17
Currently out of stock	9	9	15	13	11	31	25
Currently in stock but stockout in last 3 months	11	10	23	15	10	11	17
Currently in stock and no stockout in last 3 months	52	61	34	49	59	32	41

PMA2020 survey rounds

- Currently in stock and no stockout in last 3 months - Currently in stock but stockout in last 3 months - Currently out of stock - Not offered

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TRENDS IN METHOD AVAILABILITY: MALE CONDOM

Public facilities (PMA Phase 1 n=257)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020 (PMA Phase 1)
Not offered	1	4	5	1	5	3	5
Currently out of stock	6	9	4	5	5	13	3
Currently in stock but stockout in last 3 months	5	4	7	2	2		8
Currently in stock and no stockout in last 3 months	88	83	83	92	88	78	81

PMA2020 survey rounds

Private facilities (PMA Phase 1 n=76)

	Feb 2015	Oct 2015	Apr 2016	May 2017	May 2018	July 2019	Oct 2020 (PMA Phase 1)
Not offered	14	11	15	19	19	29	11
Currently out of stock	8	14	11	15	17	15	26
Currently in stock but stockout in last 3 months	14	13	12	14	12	12	9
Currently in stock and no stockout in last 3 months	64	62	62	53	51	44	54

PMA2020 survey rounds

- Currently in stock and no stockout in last 3 months - Currently in stock but stockout in last 3 months - Currently out of stock - Not offered

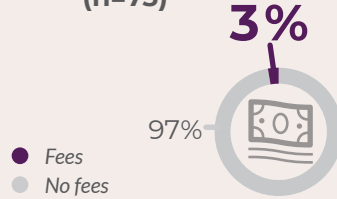**PMA | UGANDA**
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FEES FOR SERVICES

Percent of facilities where FP clients have to pay fees to be seen by a provider even if they do not obtain FP
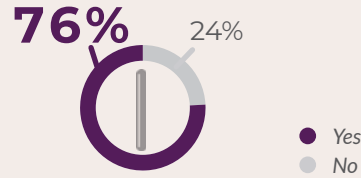
Public facilities (n=256)

1%

99%
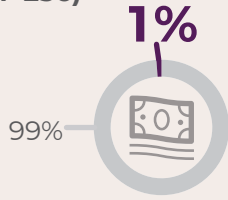
Private facilities (n=75)
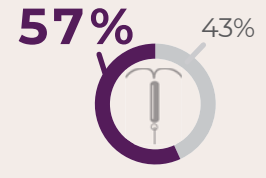
3%

97%

● Fees
● No fees

FACILITY READINESS

Percent of facilities that provide implants and have a trained provider and instruments/supplies needed for implant insertion/removal (n=231)

76%   24%

Percent of facilities that provide IUDs and have a trained provider and instruments/supplies needed for IUD insertion/removal (n=190)

57%   43%

● Yes
● No

55% *of women obtained their current modern method from a public facility (n=1,145)*

KEY FINDINGS FOR SECTION 7: SERVICE DELIVERY POINTS

• *The percent of facilities offering and currently stocked with LARC (IUD/implant) is increasing.*

• *There is an increase in current stock of injectables, with nearly* **9 in 10** *public facilities stocked compared to 2 years ago where approximately* **8 in 10** *were stocked.*

• **A quarter** *of facilities that offer implants, and* **43%** *of those offering IUD, do not have a trained provider and instrument/supplies for insertion/removal.*

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TABLES: CONTRACEPTIVE PREVALENCE AND UNMET NEED

ALL WOMEN

Data source	Round/ Phase	Data collection	Female sample	CPR%	SE	95% CI		mCPR%	SE	95% CI		Unmet need (%)	SE	95% CI	
						CPR				**mCPR**				**Unmet need for family planning**	
PMA 2020	R1	May-June 2014	3,716	22.17	1.30	19.69	24.86	20.98	1.26	18.59	23.60	25.36	1.31	22.86	28.03
PMA 2020	R2	Jan-Feb 2015	3,631	28.60	1.57	25.58	31.82	26.12	1.52	23.23	29.24	21.14	1.19	18.87	23.60
PMA 2020	R3	Sept-Oct 2015	3,690	28.69	1.39	26.01	31.52	25.59	1.35	23.00	28.37	24.48	1.47	21.68	27.51
PMA 2020	R4	Mar-Apr 2016	3,793	31.13	1.36	28.50	33.89	27.51	1.29	25.03	30.14	23.85	1.12	21.70	26.13
PMA 2020	R5	Apr-May 2017	4,119	32.27	1.66	29.07	35.64	28.51	1.54	25.55	31.66	22.13	1.50	19.29	25.25
PMA 2020	R6	Apr-May 2018	4,227	34.73	1.76	31.33	38.30	30.28	1.54	27.31	33.43	20.49	1.35	17.95	23.29
PMA	R6FU	May-Jul 2019	4,481	33.90	1.36	31.26	36.64	28.58	1.30	26.08	31.22	20.01	1.21	17.72	22.51
PMA	Phase 1	Sep-Oct 2020	3,939	34.94	1.08	32.83	37.11	29.42	1.15	27.19	31.74	17.01	0.68	15.69	18.41

WOMEN IN UNION

Data source	Round/ Phase	Data collection	Female sample	CPR%	SE	95% CI		mCPR%	SE	95% CI		Unmet need (%)	SE	95% CI	
						CPR				**mCPR**				**Unmet need for family planning**	
PMA 2020	R1	May-June 2014	3,716	27.27	1.66	24.1	30.69	25.69	1.58	22.68	28.95	34.66	1.56	31.63	37.82
PMA 2020	R2	Jan-Feb 2015	3,631	34.93	2.05	30.98	39.11	31.80	1.99	27.98	35.88	29.92	1.74	26.59	33.47
PMA 2020	R3	Sept-Oct 2015	3,690	34.35	1.78	30.91	37.95	30.04	1.67	26.83	33.46	31.72	2.00	27.90	35.80
PMA 2020	R4	Mar-Apr 2016	3,793	36.94	1.65	33.74	40.26	32.16	1.61	29.06	35.43	30.50	1.41	27.77	33.36
PMA 2020	R5	Apr-May 2017	4,119	38.40	1.93	34.64	42.30	33.88	1.87	30.28	37.68	29.62	2.05	25.73	33.83
PMA 2020	R6	Apr-May 2018	4,227	41.78	2.33	37.24	46.46	36.29	2.12	32.19	40.59	25.98	1.69	22.77	29.47
PMA	R6FU	May-Jul 2019	4,481	41.92	1.77	38.45	45.47	34.98	1.70	31.68	38.43	26.21	1.56	23.23	29.43
PMA	Phase 1	Sep-Oct 2020	3,939	44.76	1.39	42.02	47.54	37.18	1.43	34.39	40.07	23.87	1.10	21.77	26.12

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