PMA KENYA (NYAMIRA)
Results from Phase 3 panel survey

November-December 2021

FAMILY PLANNING

OVERALL KEY FINDINGS

Among panel women, use of contraceptives increased from **51%** in 2019 to **58%** in 2021.
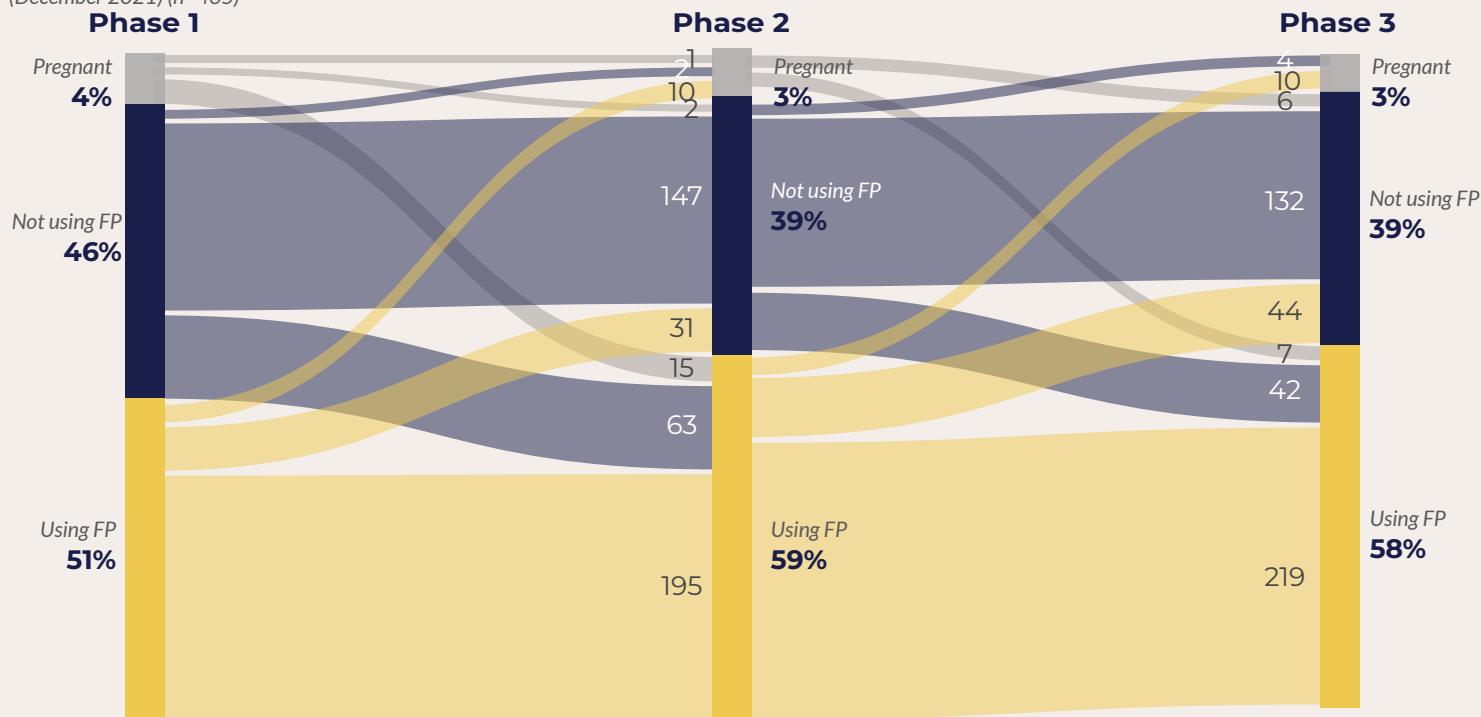
The majority of adolescents, women not in a union, and those without children remained non-users of contraceptives from 2020 to 2021.

Among non-users in 2020, **73%** who reported an intention to use in the future adopted a method by 2021.

SECTION 1: OVERALL CONTRACEPTIVE DYNAMICS
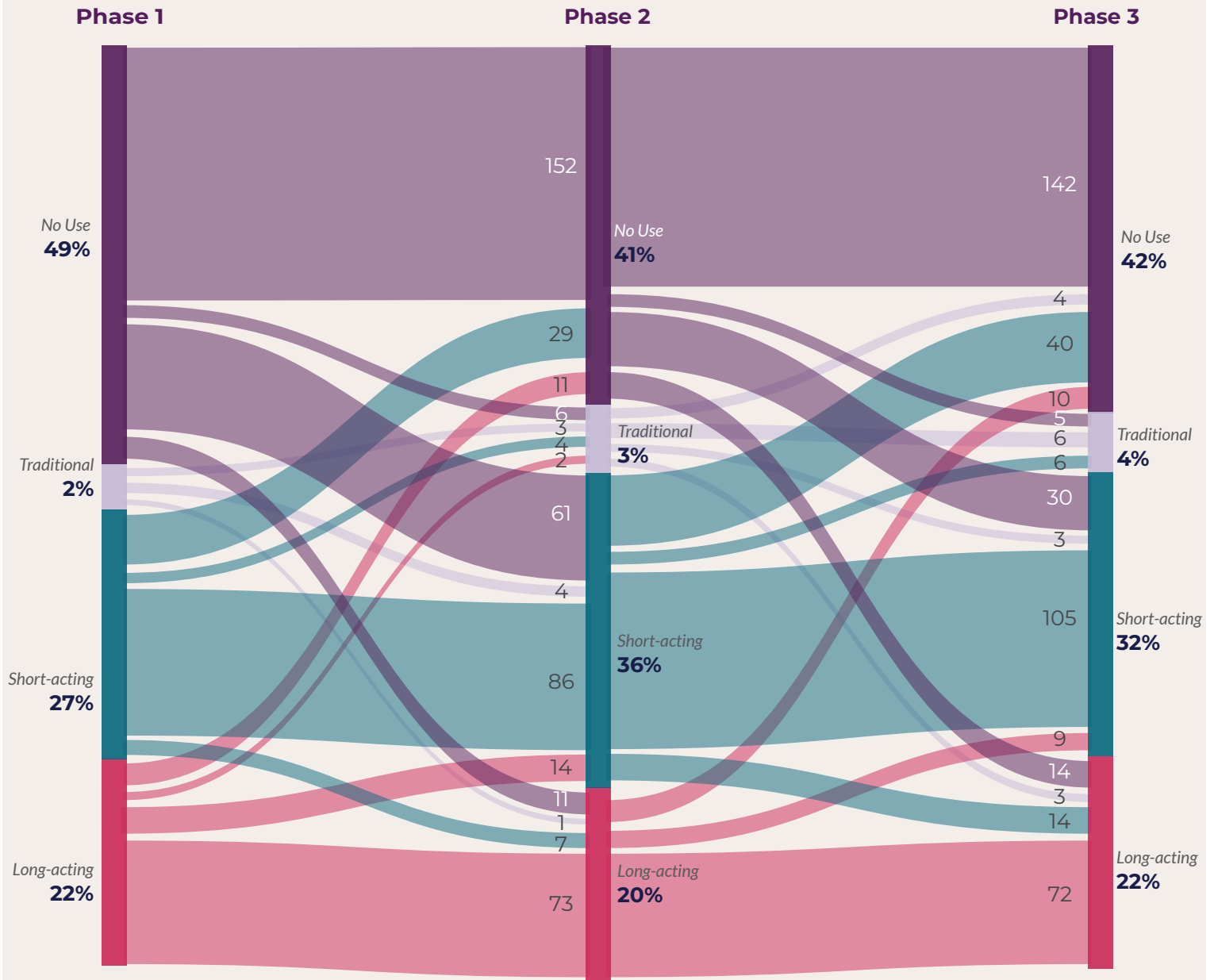
CHANGE IN CONTRACEPTIVE USE OR NON-USE

Percent of women age 15-49 who changed contraceptive use status between PMA Phase 1 (December 2019), PMA Phase 2 (December 2020), and PMA Phase 3 (December 2021) (n=465)

Phase 1   **Phase 2**   **Phase 3**

Phase 1		Phase 2		Phase 3
Pregnant **4%**	1 / 10 / 2	Pregnant **3%**	4 / 10 / 6	Pregnant **3%**
Not using FP **46%**	147	Not using FP **39%**	132	Not using FP **39%**
	31 / 15		44 / 7	
	63		42	
Using FP **51%**	195	Using FP **59%**	219	Using FP **58%**

The ribbons of the Sankey represent the flow of women from one contraceptive use status to another among panel women who completed all three PMA Phases. The left side of the Sankey shows the flow between Phase 1 and Phase 2, and the right side between Phase 2 and Phase 3. The color of each ribbon represents the contraceptive use status at the initial Phase of the two Phases (e.g., a grey ribbon flowing from Phase 2 to Phase 3 represents women who were pregnant at Phase 2). The N on each ribbon is the weighted number of women who went from the contraceptive use status at the initial Phase to the use status at the next Phase. The width of the ribbon is proportional to the number of women represented.

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CHANGE IN CONTRACEPTIVE METHOD TYPE

Percent of women age 15-49 who changed contraceptive method or use status between PMA Phase 1 (December 2019), PMA Phase 2 (December 2020), and PMA Phase 3 (December 2021) (n=465)

Phase 1   **Phase 2**   **Phase 3**

No Use
49%

Traditional
2%

Short-acting
27%

Long-acting
22%

No Use
41%

Traditional
3%

Short-acting
36%

Long-acting
20%

No Use
42%

Traditional
4%

Short-acting
32%

Long-acting
22%

The ribbons of the Sankey represent the flow of women from one contraceptive use status to another among panel women who completed all three PMA Phases. The left side of the Sankey shows the flow between Phase 1 and Phase 2, and the right side between Phase 2 and Phase 3. The color of each ribbon represents the contraceptive use status at the initial Phase of the two Phases (e.g., a blue ribbon flowing from Phase 2 to Phase 3 represents women who were using a short-acting method at Phase 2). The N on each ribbon is the weighted number of women who went from the contraceptive use status at the initial Phase to the use status at the next Phase. The width of the ribbon is proportional to the number of women represented.
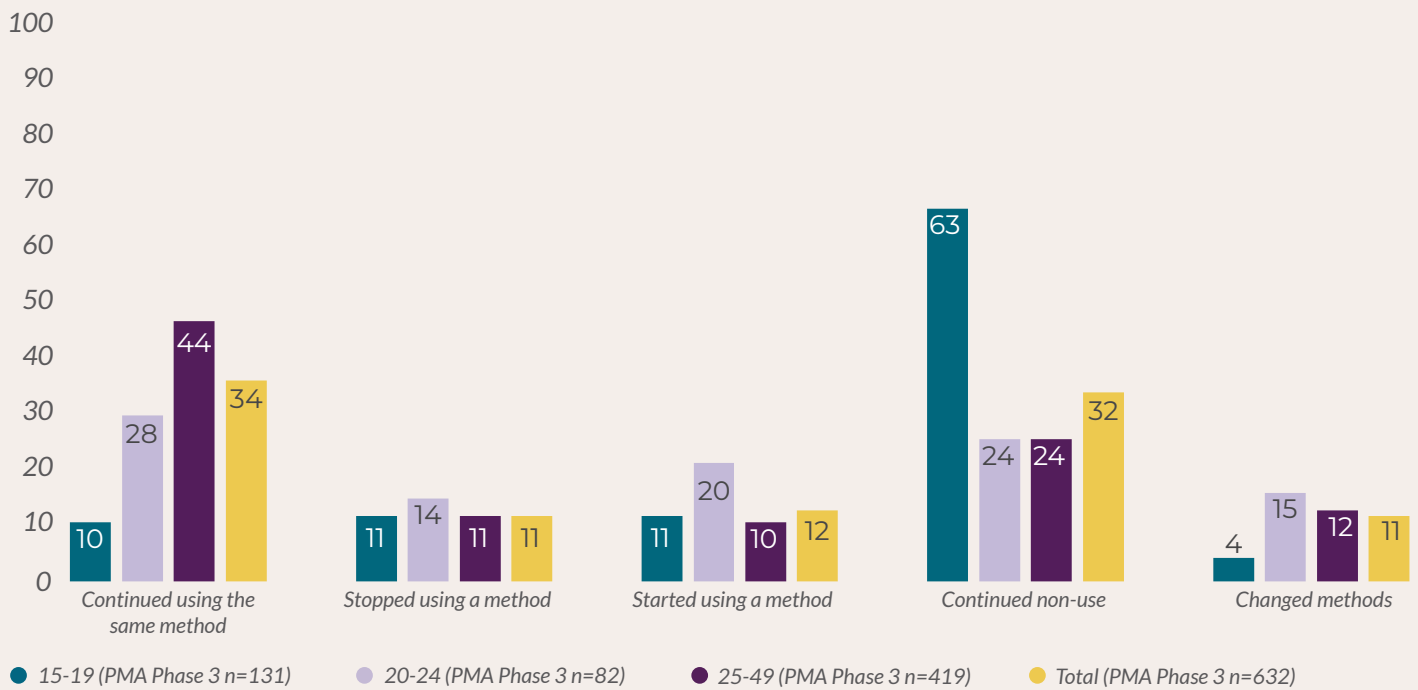
KEY FINDINGS FOR SECTION 1: OVERALL CONTRACEPTIVE DYNAMICS

- *Among panel women, use of contraceptives increased from **51%** in 2019 to **58%** in 2021.*

- *Among panel women, there was little change in the proportion using long-acting methods (**22%**) from 2019 to 2021, while the proportion using short-acting methods increased from **27%** in 2019 to **32%** in 2021.*

- *Between 2019 and 2021, women not using contraception declined from **49%** to **42%**, and women using short-acting methods increased from **27%** to **32%**.*

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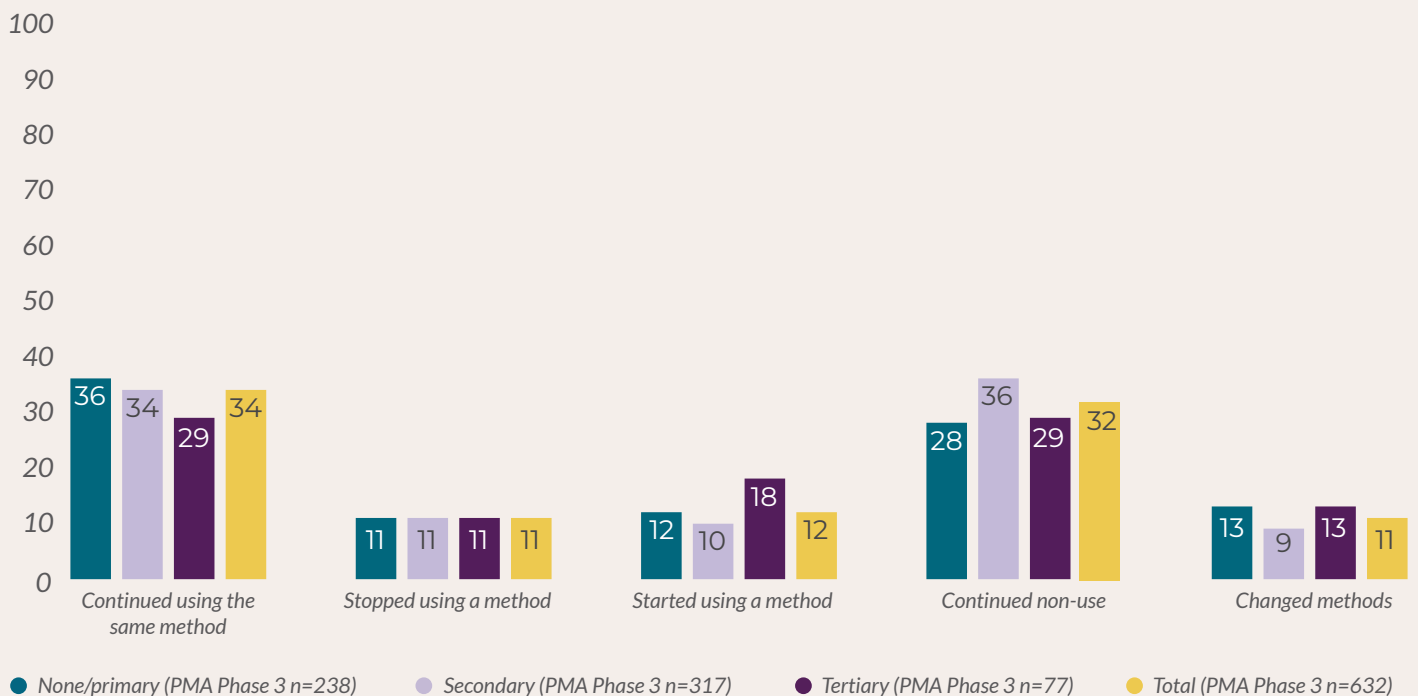PERFORMANCE MONITORING FOR ACTION

CHANGE IN CONTRACEPTIVE USE STATUS, BY AGE

Percent of women age 15-49 who engaged in one of the following contraceptive use behaviors between PMA Phase 2 (December 2020) and PMA Phase 3 (December 2021), by age
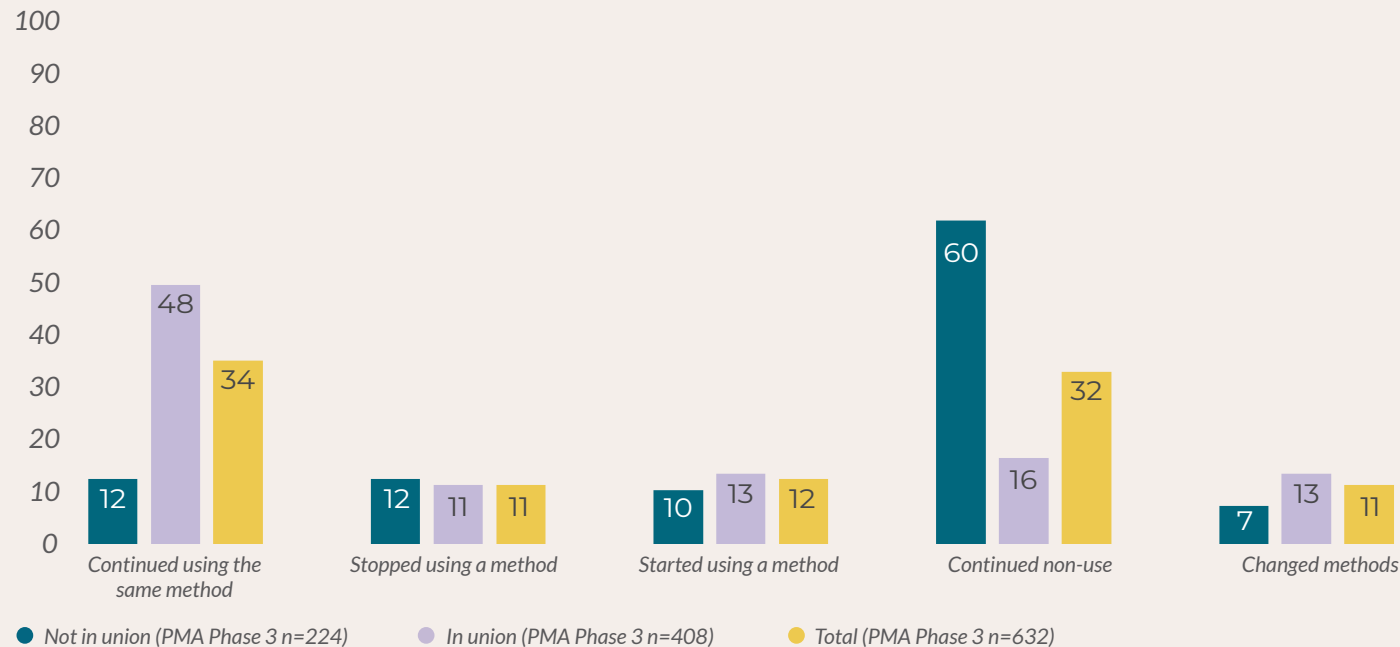

Legend:
- 15-19 (PMA Phase 3 n=131)
- 20-24 (PMA Phase 3 n=82)
- 25-49 (PMA Phase 3 n=419)
- Total (PMA Phase 3 n=632)

	Continued using the same method	Stopped using a method	Started using a method	Continued non-use	Changed methods
15-19	10	11	11	63	4
20-24	28	14	20	24	15
25-49	44	11	10	24	12
Total	34	11	12	32	11

CHANGE IN CONTRACEPTIVE USE STATUS, BY EDUCATION LEVEL

Percent of women age 15-49 who engaged in one of the following contraceptive use behaviors between PMA Phase 2 (December 2020) and PMA Phase 3 (December 2021), by education level
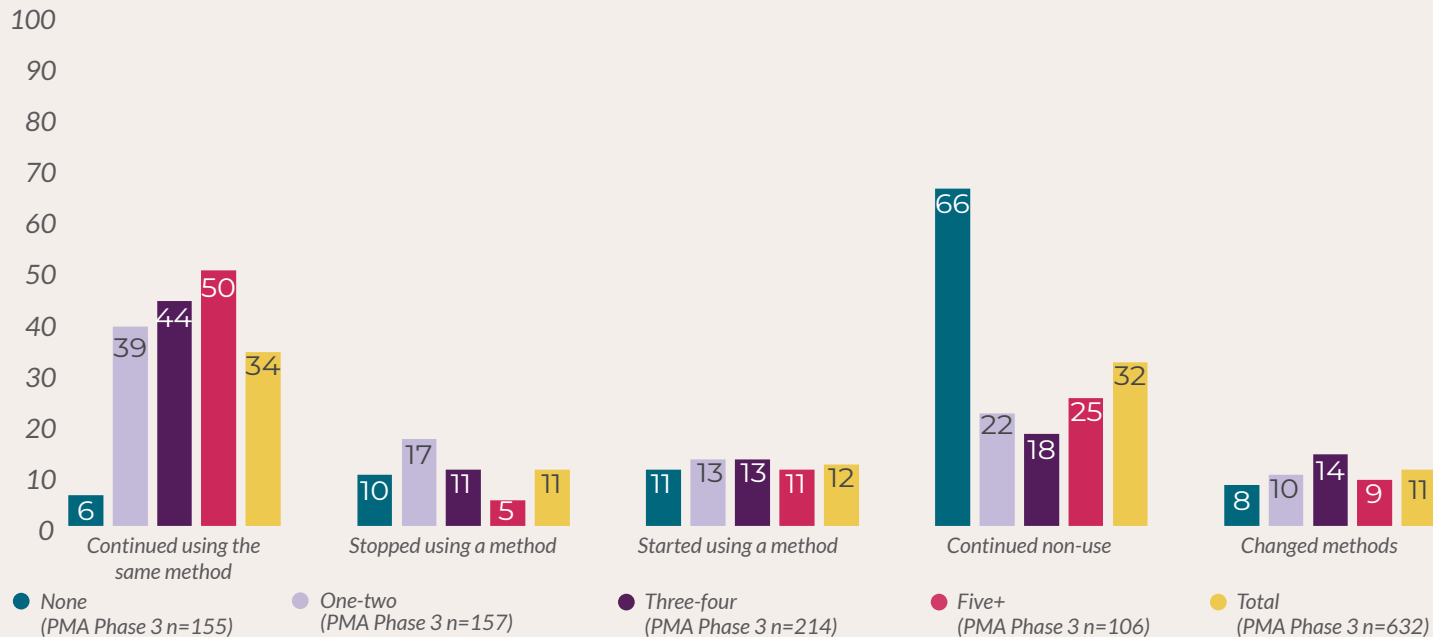

Legend:
- None/primary (PMA Phase 3 n=238)
- Secondary (PMA Phase 3 n=317)
- Tertiary (PMA Phase 3 n=77)
- Total (PMA Phase 3 n=632)

	Continued using the same method	Stopped using a method	Started using a method	Continued non-use	Changed methods
None/primary	36	11	12	28	13
Secondary	34	11	10	36	9
Tertiary	29	11	18	29	13
Total	34	11	12	32	11

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CHANGE IN CONTRACEPTIVE USE STATUS, BY MARITAL STATUS

Percent of women age 15-49 who engaged in one of the following contraceptive use behaviors between PMA Phase 2 (December 2020) and PMA Phase 3 (December 2021), by marital status

Behavior	Not in union	In union	Total
Continued using the same method	12	48	34
Stopped using a method	12	11	11
Started using a method	10	13	12
Continued non-use	60	16	32
Changed methods	7	13	11

● Not in union (PMA Phase 3 n=224) ● In union (PMA Phase 3 n=408) ● Total (PMA Phase 3 n=632)

CHANGE IN CONTRACEPTIVE USE STATUS, BY PARITY

Percent of women age 15-49 who engaged in one of the following contraceptive use behaviors between PMA Phase 2 (December 2020) and PMA Phase 3 (December 2021), by parity

Behavior	None	One-two	Three-four	Five+	Total
Continued using the same method	6	39	44	50	34
Stopped using a method	10	17	11	5	11
Started using a method	11	13	13	11	12
Continued non-use	66	22	18	25	32
Changed methods	8	10	14	9	11

● None (PMA Phase 3 n=155) ● One-two (PMA Phase 3 n=157) ● Three-four (PMA Phase 3 n=214) ● Five+ (PMA Phase 3 n=106) ● Total (PMA Phase 3 n=632)

KEY FINDINGS FOR SECTION 2: CONTRACEPTIVE DYNAMICS BY KEY MEASURES

- *The majority of adolescents remained non-users between 2020 and 2021.*
- *Overall, contraceptive dynamics did not substantially vary by education attainment.*
- *About **60%** of women not in a union and **66%** of those without children remained non-users between 2020 and 2021.*
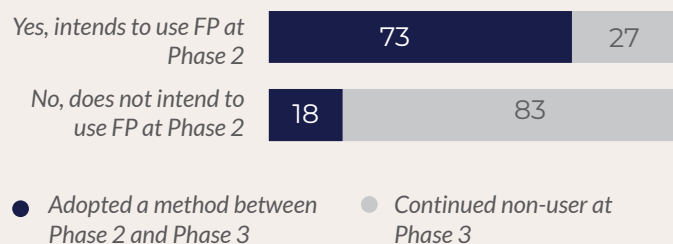
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METHOD DISCONTINUATION

Among women 15-49 with unmet need at Phase 3, the percentage that stopped using a contraceptive method or became pregnant since Phase 2 (n=42)
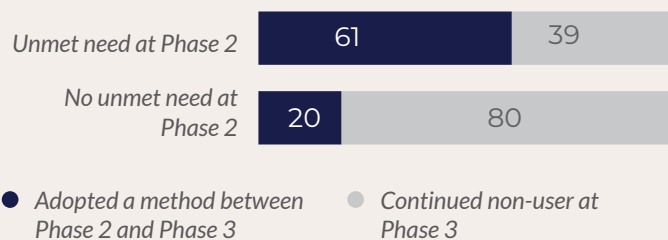

- 11
- 49
- 41

- **Stopped**
- **Continued non-use**
- **Became pregnant**
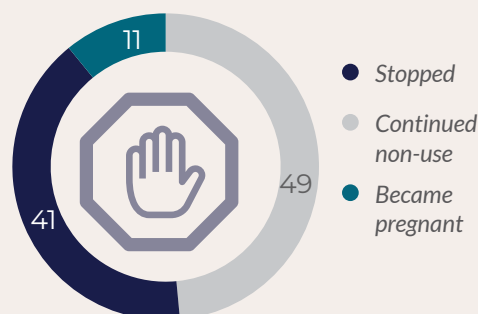
INTENTION TO USE FAMILY PLANNING

Percent of women age 15-49 who were not using an FP method at Phase 2 and who adopted an FP method between Phase 2 and Phase 3, by their intention to use FP at Phase 2 (n=269)

	Adopted	Continued
Yes, intends to use FP at Phase 2	73	27
No, does not intend to use FP at Phase 2	18	83

- **Adopted a method between Phase 2 and Phase 3**
- **Continued non-user at Phase 3**

UNMET NEED FOR FAMILY PLANNING

Percent of women age 15-49 who were not using an FP method at Phase 2 and who adopted an FP method between Phase 2 and Phase 3, by their unmet need status at Phase 2 (n=269)

	Adopted	Continued
Unmet need at Phase 2	61	39
No unmet need at Phase 2	20	80

- **Adopted a method between Phase 2 and Phase 3**
- **Continued non-user at Phase 3**

KEY FINDINGS FOR SECTION 3: OTHER PANEL DYNAMICS

- *Among women with unmet need in 2021, **41%** had stopped using a method and **11%** experienced a pregnancy in the prior year.*

- *Among non-users in 2020, **73%** who reported an intention to use in the future had adopted a method by 2021.*

- *Among non-users with an unmet need in 2020, **61%** adopted a method by 2021.*

SUMMARY TABLE

	Total	Completed Phase 1	Completed Phase 2	Completed Phase 3	Completed Phase 2 and Phase 3	Completed All Three Phases
Enrolled at Phase 1	662	660	526	500	464	463
Enrolled at Phase 2	247	N/A	245	169	168	N/A
Total Panel Women	**909**	**660**	**771**	**669**	**632**	**463**

*Inclusive of de jure women, and women who have since aged out of the study

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