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)

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.

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.
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%.
SECTION 2: CONTRACEPTIVE DYNAMICS BY KEY MEASURES

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

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Continued using the same method</th>
<th>Stopped using a method</th>
<th>Started using a method</th>
<th>Continued non-use</th>
<th>Changed methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-19 (PMA Phase 3 n=131)</td>
<td>10</td>
<td>11</td>
<td>11</td>
<td>29</td>
<td>11</td>
</tr>
<tr>
<td>20-24 (PMA Phase 3 n=82)</td>
<td>28</td>
<td>14</td>
<td>11</td>
<td>24</td>
<td>12</td>
</tr>
<tr>
<td>25-49 (PMA Phase 3 n=419)</td>
<td>34</td>
<td>10</td>
<td>10</td>
<td>32</td>
<td>12</td>
</tr>
<tr>
<td>Total (PMA Phase 3 n=632)</td>
<td>63</td>
<td>24</td>
<td>24</td>
<td>63</td>
<td>43</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Education Level</th>
<th>Continued using the same method</th>
<th>Stopped using a method</th>
<th>Started using a method</th>
<th>Continued non-use</th>
<th>Changed methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>None/primary (PMA Phase 3 n=238)</td>
<td>36</td>
<td>11</td>
<td>11</td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>Secondary (PMA Phase 3 n=317)</td>
<td>34</td>
<td>11</td>
<td>12</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>Tertiary (PMA Phase 3 n=77)</td>
<td>29</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>12</td>
</tr>
<tr>
<td>Total (PMA Phase 3 n=632)</td>
<td>32</td>
<td>11</td>
<td>12</td>
<td>32</td>
<td>13</td>
</tr>
</tbody>
</table>
**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.
SECTION 3: OTHER PANEL DYNAMICS

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)

- Stopped: 11%
- Continued non-use: 41%
- Became pregnant: 49%

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)

- Yes, intends to use FP at Phase 2: 73%
- No, does not intend to use FP at Phase 2: 27%
- Adopted a method between Phase 2 and Phase 3: 18%
- Continued non-user at Phase 3: 83%

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=42)

- Unmet need at Phase 2: 61%
- No unmet need at Phase 2: 39%
- Continued non-user at Phase 3: 60%
- Adopted a method between Phase 2 and Phase 3: 40%

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

<table>
<thead>
<tr>
<th>Enrolled at Phase 1</th>
<th>Completed Phase 1</th>
<th>Completed Phase 2</th>
<th>Completed Phase 3</th>
<th>Completed Phase 2 and Phase 3</th>
<th>Completed All Three Phases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>662</td>
<td>660</td>
<td>526</td>
<td>500</td>
<td>464</td>
</tr>
<tr>
<td>Enrolled at Phase 2</td>
<td>247</td>
<td>N/A</td>
<td>245</td>
<td>169</td>
<td>168</td>
</tr>
<tr>
<td>Total Panel Women</td>
<td>909</td>
<td>660</td>
<td>771</td>
<td>669</td>
<td>632</td>
</tr>
</tbody>
</table>

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

PMA Kenya (Nyamira) collects data on knowledge, practice, and coverage of family planning services in 25 enumeration areas selected using a multi-stage stratified cluster design with urban-rural strata. The PMA panel survey was conducted in Nyamira among 878 women from Phase 1 and/or Phase 2 who consented to follow-up and aged 15-49y at Phase 3. 71.9% of women enrolled in the panel survey at Phase 1 between November and December 2019 and 28.1% of women enrolled in the panel survey at Phase 2 between November and December 2020. Of the 878 eligible women, 21.9% of were not reached for follow-up. Of those reached, 674 (76.8% of the eligible females respondents) completed the Phase 3 survey, for a response rate of 99.6% among contacted women. Survey results presented in this brief are among de facto women who completed the female panel surveys at each Phase. Survey results in section 1 of this brief are representative of the Phase 1 population. Estimates depicted in sections 2 and 3 are representative of the Phase 2 population. Sociodemographic data used for indicator disaggregation were collected at Phase 2. For sampling information and full data sets, visit www.pmadata.org/countries/kenya.

Percentages presented in this brief have been rounded and may not add up to 100%.

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