Impact of COVID-19 on Family Planning Programs: Current and Future Implications

Kristin Bietsch, PhD

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Service statistics are well positioned to examine impacts of COVID

- Able to look at inter-survey periods
- Able to look at short time periods of disruption of services
- Able to monitor current situations
- Able to look at lower geographic levels than surveys

Why can we use service statistics?

- Quality is improving: Track20 has been using service statistics to monitor family planning after surveys in many FP2020 countries
- Increased research showing the relationship between service statistics and surveys
  - Surveys capping service statistics show similar trends
Previous Track20 Research on Shocks to Health Systems

West African Ebola Epidemic

Kenya Doctor and Nurses Strikes

Average monthly distribution of contraception: before, during, and after Ebola

- Liberia
- Sierra Leone

Kenya: Monthly Methods Dispensed, Converted into Couple Years of Protection

- Doctors Strike
- Nurses Strike
Family Planning Estimation Tool and Estimated Modern Users

FPET is a Bayesian hierarchical model that estimates annual family planning indicators:
- Survey data (DHS, MICS, PMA)
- Service statistics (transformed into Estimated Modern Users)

Track20 Monitoring and Evaluation Officers create new estimates each year, which are presented and approved at a national consensus meeting.

These estimates are published in the FP2020 Annual Report.
Calculating Estimated Modern Users

**Short Term Methods**
- Commodities
- CYPs
- Private Sector Adjustment

**Long Term Methods**
- Women who are using but received method before this year
- Women who receive method this year and continue using into the future

![Diagram](source_url)

<table>
<thead>
<tr>
<th>Year</th>
<th>Users in 2016</th>
<th>Acceptors in 2016</th>
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<tbody>
<tr>
<td>2012</td>
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<td>2020</td>
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EMU Growth Expectations

Growing at Expected Rate

- All methods grow by population growth + FPET grow
- Method mix remains constant

Expected Users in 2020 and 2021 → Implied Commodity Numbers in 2020 → Expected Historical Users in 2021
## Outcomes of Interest

<table>
<thead>
<tr>
<th>2020 EMUs</th>
<th>Total and Short Term versus Long Term</th>
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<tbody>
<tr>
<td>2021 Historical Users</td>
<td>Women using long term methods in 2021 who received that method before 2021</td>
</tr>
<tr>
<td>Trends in Implants and Sayana Press</td>
<td>Were method specific programs curtailed?</td>
</tr>
</tbody>
</table>
Data

Annual and monthly HMIS data for 6 sub-Saharan Africa countries

4 to 13 years of data

Specific Method
Results
EMU Trends by Method Type

Country 1

Country 2

Country 3

Country 4

Country 5

Country 6
2020 EMU: Expected versus Actual
Monthly Provisions

Country 1

Country 3

Country 6
2021 Historical Users
Growth in Implants
Scale Up of Sayana Press

Country 1

Country 2

Country 5

- Depo Provera (DMPA)
- Noristerat (NET-En)
- Sayana Press
Conclusions

- Results are mixed: 2 out of 6 African countries had lower than expected result for 2020.
- Declines in long term methods were not as large as expected- resulting in minimal interruption to 2021 users.
- Implants and Sayana Press continue to increase.