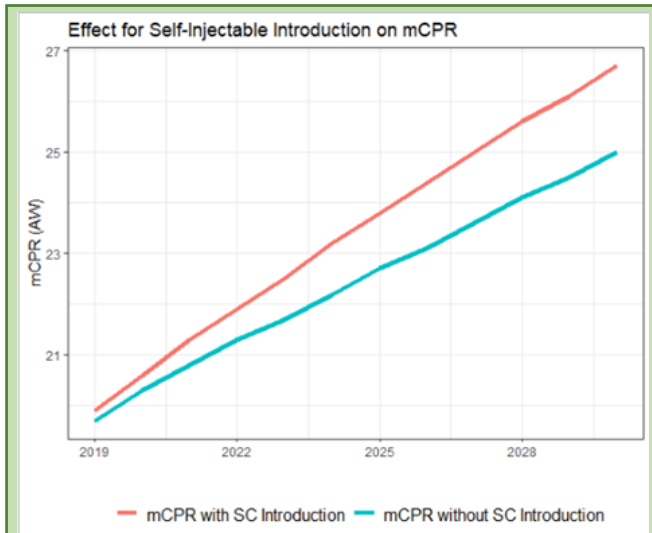


The **Projecting Subcutaneous and Self-Injectable Use Model** is a web-based tool developed by Track20 to estimate the number of potential subcutaneous injectable (SC) and self-injectable (SI) users annually through 2030 for FP2020 countries.

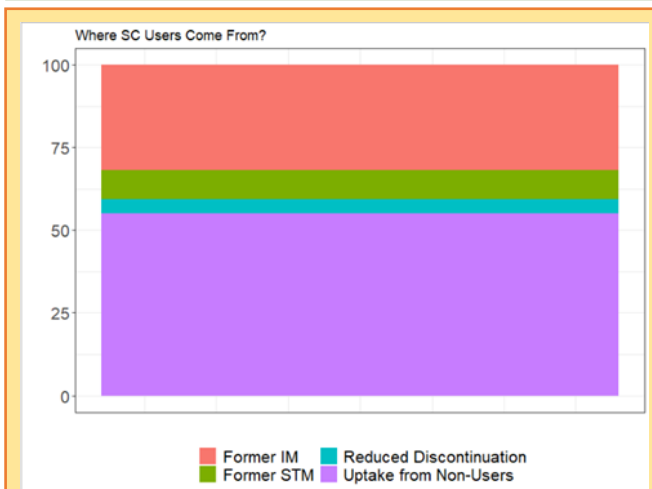
Who will use DMPA-SC?

The growth in subcutaneous users is theorized to come from current (intramuscular) injectable users, other short-term method users, and non-users (both from decreased discontinuation of SC and non-users who start using SC). Additional increases will come from these populations when self-injectables become fully available, because of the additional ease of use over provider-administered subcutaneous injectables.

Parameters	Senegal
Proportion of Injectable users that will switch to SC	16%
Proportion of STM users that will switch to SC	8%
Proportion of fecund Non-users who do not want a child in the next year that will uptake to SC	3%
SI Bonus Each of the above parameters experiences an increase when SI is at full scale (partial bonus awarded during scale up)	1%
Maximum share of SC that will be SI	40%
Year SC is at full scale The method has moved out of the pilot stage and is as available as similar methods (for example, offered in as many places as intramuscular injectables)	2019
Year SI is at full scale Programs and regulations are in place for women to self-inject, and providers receive training on how to teach women to self-inject	2020



The model estimates an additional 1.7 percentage point growth in mCPR in 2030 than would have been seen without the wide-scale availability of SC and SI.



SC users come from 4 populations: they switch from IM use, they switch from other short term methods, they are using because of decreased discontinuation (they would have been IM or short term users who discontinued, but because they switched to SC they did not discontinue), and women who would otherwise be non-users. Most SC users in 2030 in Senegal are women who would otherwise have been non-users.

Try our interactive tool:

https://track20.shinyapps.io/DMPASC_SI/

COVID-19 has the potential to cause major disruptions in family planning programs - including unwillingness of individuals to go to health facilities and programs being delayed as health workers are shifted to COVID-19 response. Globally, COVID-19 may cause disruptions in the manufacturing and shipping of contraception.

To estimate the potential impact on DMPA-SC, we conduct two additional scenarios: a delay in scale up of SI by 2 years, and a delay plus reductions in the share of women who switch from other short-term methods to SC or uptake SC by half.

Parameters	Original	Delay	Delay + Reduction
Proportion of Injectable users that will switch to SC	16%	16%	16%
Proportion of STM users that will switch to SC	8%	8%	4%
Proportion of fecund Non-users not who do not want a child in the next year that will uptake to SC	3%	3%	1.5%
SI Bonus	1%	1%	1%
Maximum share of SC that will be SI	40%	40%	40%
Year SC is at full scale	2019	2019	2019
Year SI is at full scale	2020	2022	2022

Results	Original	Delay	Delay + Reduction
Number of DMPA-SC Users in 2030	153,442	151,238	112,238
% of DMPA-SC Users from Uptake in 2030	55%	55%	45%
DMPA-SC as share of method mix	11%	10%	8%
mCPR	26.7%	26.6%	26.0%
Additional Users	91,221	89,383	56,304