

**Title:** Integrated community and facility-based service delivery models reaching adolescents and young people including key populations with family planning, HIV, and mental health services: A case study of Mombasa County, Kenya

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**Background:** Mombasa county's HIV prevalence is 4.8% with a population of people living with HIV of 50,656 as of 2022 while unmet need for contraceptives at 21% for 15-19 years and 78% for unmarried 20-24 years . Mental health and HIV are linked, with over 19% of individuals with HIV/AIDS experiencing mental illness. Yet, little focus has been placed on understanding how mental health issues influence ART adherence and other HIV prevention measures. With funding from the Elton John AIDS Foundation, Tiko Africa since May 2022 integrated mental health into HIV treatment and family family planning services.

**Description:** In partnership with six specialized groups focusing on KPs and four focusing on the general population, different levels of services have been appended at community and facility level through public, private providers, and community lay workers. Program data is collected through Tiko, a mobile app that enables real time data visualization of key indicators to inform iterations in activities that respond to their needs.

**Lessons learned:** From May 2022 to January 2024, 185,547 integrated services were offered to 60,541 AYAs (261 Transgender, 5,580 Males, 54,699 females) with 2,859 being KPs (335 PWID, 2,260 FSW, 238 MSMs). This was a 128% increase in AYAs receiving services comparative to the period of January 2021-April 2022 where 74,356 services were offered. 61.4 % AYAs received services in clinics, 50.6% in pharmacies. 77% of whom were between 15-19 years and 23% aged between 20-24 years. 33,062 were adopters and 27,482 were returning users.

**Conclusions/next steps:** Integrating services from both facility and community models has the potential to broaden access to AYAs, including KPs. This approach enhances cost-effectiveness, program efficiency, and the overall user experience for AYAs. By offering integrated services, quality of life improves when combining both community and facility-level models