

Title: Promoting data use by facility-level staff in Rwanda through the use of automated data reports

Authors: J.Peterson¹, C. Godwin², N. Hoffman², D. Ndatimana¹; C. van Zyl,¹ C. Karangwa³

¹ Elizabeth Glaser Pediatric AIDS Foundation, Rwanda

² Elizabeth Glaser Pediatric AIDS Foundation, USA.

³ Rwanda Biomedical Center/Institute of HIV&AIDS, Disease Prevention and Control (RBC/IHDPC), Rwanda.

Track: E22: Innovative approaches to sharing/disseminating programme data at national, regional, district, site and community levels

Background: Although health facilities supported through The U.S. President's Emergency Plan for AIDS Relief (PEPFAR) report data on core indicators to both donors and ministries of health, analysis of these data is seldom emphasized at the facility level. Tools that automatically generate basic analyses of program data and present them clearly can increase the accuracy of reported data and enable facility staff to use data for program decision-making.

Methods: The Elizabeth Glaser Pediatric AIDS Foundation (EGPAF)-Rwanda program uses an Excel database for storing facility-level data on PMTCT and HIV care and treatment services in 48 health centers and district hospitals. In 2011, EGPAF staff developed an Excel macro tool to compile data from multiple spreadsheets and automatically generate quarterly, facility-level summary graphs that can be printed and delivered to site staff for review. EGPAF technical officers (TOs) use the reports during quarterly supervision visits at sites to discuss program results and compare with other sites in the district. The TOs and site staff also identify data quality issues and areas requiring additional support.

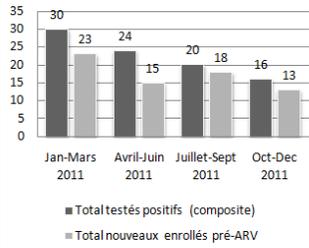
Results: Preliminary qualitative feedback from sites show that implementing a macro tool for generating facility-level data reports has resulted in increased awareness of program results by facilities. Sharing reports with facility staff has increased skills in data use, management and quality. Since their implementation in April 2011, facility-level data reports have been shared quarterly with all 48 EGPAF-supported facilities. A district-level version of the data report will be shared with MOH district-level staff on a semi-annual basis in all seven EGPAF-supported districts beginning in February 2012.

Conclusions: Site-level staff are empowered to more accurately report facility data to districts when supported through implementation of new tools and mentorship. Tools that allow information to be revealed through simple and clear reports are necessary in promoting data use and quality in HIV programs.

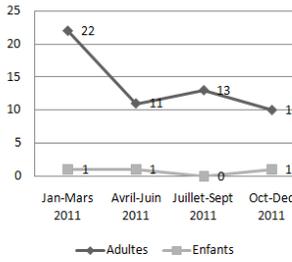
Figure 1: Sample of facility-level report generated automatically by macro.

Sample Health Facility Oct-Dec 2011

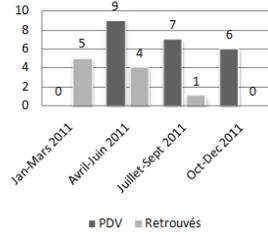
Testés Positifs vs. Nouveaux enrôlés en Pré-ARV



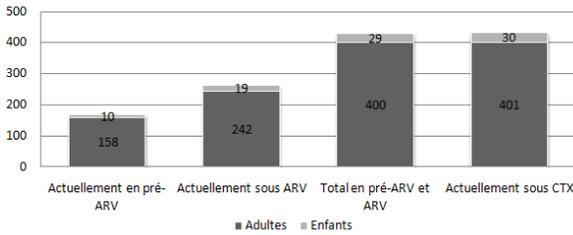
Nouveaux Enrôlés en ARV



Pré-ARV PDV et Retrouvés



Actuellement en soins, traitement, CTX



ARV PDV et Retrouvés

