

Secondary Data Analysis of HIV/AIDS Control Programme Data, Enugu State, (2010-2013)

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Objective

- To determine the percentage and trends of newly diagnosed HIV positive pregnant women
- To determine the percentage of pregnant women that are counseled tested with result.
- To determine the percentage and trend in the uptake ART among HIV positive pregnant women.
- To determine the average no of individual that are counseled and tested for HIV.
- To determine the average no of individual that are HIV positive
- To estimate the average no of individual currently on ART, newly started on ART and those enrolled into HIV care.

Introduction

As of 2012, 3,400 000 million people (all ages) are living with HIV in Nigeria. The estimated new HIV infections is 260,000 and estimated AIDS death is 240,000. The reported number of adults on ART (Anti-retroviral treatment) was 459,465 and the ART coverage based on WHO guideline was 36%. The number of pregnant women living with HIV who received antiretroviral for preventing mother-to-child –transmission was 33,323 and the percentage coverage was 17%. Enugu State has the highest prevalence (6.5%) of HIV/AIDS in the South East and the fourth in Nigeria. To implement the commitments in the 2011 United Nations Political Declaration on HIV and AIDS and increase progress towards universal access to HIV prevention, treatment, care and support, Nigeria has developed the president's Comprehensive Response Plan (PCRP). PCRP aims to bridge the current gap in service provision and funding. It assesses needs and gaps, identifies focus areas, and set targets for Prevention of mother to child transmission (PMTCT), ART and HIV Counseling and Testing (HCT) services. We determined the implementation of these preventive services by health care providers in Enugu State.

Methods

We reviewed 2010-2013 HIV/AIDS Surveillance data of Enugu State. We conducted descriptive analysis of ART utilization, PMTCT services and HCT services using Microsoft Excel 2007.

Results

The total number of all individuals that accessed HCT services from 2010 to 2013 was 87,000, 104,344, 161,517, and 113,903 respectively. The total number of HIV positive individuals from 2010 to 2013 was 8,965 (10.3%), 7695 (7.3%), 9233 (5.7%), and 6110 (5.4%) respectively. The overall total number of individual newly started on ART from 2010 to 2013 was 15,629. The percentage of pregnant women counseled, tested with result was 23,100, 41,000, 45,318, and 38,440 respectively for 2010 -2013 and those that tested positive are for 2010-2013 are 1,059 (4.6%), 1,363 (3.3%), 1,845 (4.1%), and 1,036 (2.7%). Among the pregnant women that tested positive, the number that are receiving ART for 2010-2013 are 1,028 (92.0%), 1,041 (76.4%), 1,640 (88.9%), and 719 (69.4%) respectively.

Conclusions

The state AIDS and STI control Programme, though has achieved success in the prevention of HIV/AIDS as evidenced by decreased

percentage of HIV/AIDS positive individuals over the years under study and decreased percentage of newly diagnosed HIV positive cases among pregnant women, the State still need to scale up the ART coverage among pregnant women by increasing the number of facilities that renders ART services in the state.

Keywords

Surveillance; Human immuno deficiency virus; Acquired immunodeficiency syndrome; Anti retroviral therapy; HIV Counselling and Testing

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Nigeria Field Epidemiology and Laboratory Training Program

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