

**A TIME SERIES MODEL FOR ANALYSING PEOPLE INFECTED WITH  
HIV/AIDS IN ODEDA LOCAL GOVERNMENT AREA OF OGUN STATE**

**BY**

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# ABSTRACT

HIV/AIDS disease is a killer disease and currently a global development problem. It is common among young people aged 15-49 years who are mainly in their reproductive Age. All effort must be made geared toward strategies for control and prevention. It was observed in the course of this project that the number of people infected with HIV/AIDS is being increasing yearly.

Time series is used in this context as one of the very best predictors of the future behaviour of a variable based on its past behaviour. This we have achieved through the analysis of time series data whose objectives are mainly prediction and control.

The research project was finally concluded with a set of recommendation which were based on the research findings. The set of recommendation give include that the Federal Ministry of Health. The world health organization (WHO), the state and local Government should continue to make available necessary funds, technical and manpower resources towards realizing total prevention and control of HIV/AIDS in all the continent of the world.

Moreover, the most important avenue open to effective prevention and control of AIDS is though effective and compressive health education. We therefore, recommended that AIDS Education programmes must be integrated into the school curriculum at all education levels (primary through university).