

**MODELING HOUSEHOLD FOOD CONSUMPTION PATTERN IN  
ABEOKUTA (OGUN STATE): IMPLICATIONS FOR FOOD SECURITY**

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**A PROJECT SUBMITTED TO  
THE DEPARTMENT OF STATISTICS,  
COLLEGE OF NATURAL AND APPLIED SCIENCES, FEDERAL  
UNIVERSITY OF AGRICULTURE, ABEOKUTA  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD  
OF BACHELOR OF SCIENCE (B.Sc.) DEGREE IN STATISTICS**

***JULY 2012***

## ABSTRACT

This study examined food consumption pattern and how it in turn affects food security in Abeokuta, Ogun State. A survey was carried out to identify how socio-economic factors and other factors interact to form a pattern and thereby influence food security. Applied multivariate methods was used to analyse the data obtained. Consequently, a logistic model which gives the probability of likelihood that a household is food secure was generated. Analysis of the survey data showed that; 76.3% of the 93 respondents (households) were food secure while only 23.7% are food insecure. Also Household size and household's total food consumption expenditure were the most significant of the predictor variables in the logistic model.

**Key Words: Modeling, Food consumption, Food security.**