

# IMPACT OF HOUSEHOLD POVERTY, FOOD INSECURITY AND NUTRITIONAL STATUS ON CHILD WELLBEING IN NIGERIA

Zacchaeus Olaniyi Oluwafemi<sup>1</sup>, Olubukola Adesina<sup>2</sup>, Rachael Olufunmilayo Oduyemi<sup>3</sup>, Limkile Mpofu<sup>4</sup>, Oluwafunmilayo ometan<sup>5</sup>, Chinenye Jane Ugwah-Oguejiofor<sup>6</sup>, Nadine N'dilimabaka<sup>7,8</sup>, Nambobi Olivia<sup>9</sup>, Abok Tonny<sup>10</sup>

<sup>1</sup>Oyo State College of Agriculture and Technology; <sup>2</sup>Department of Obstetrics and Gynecology, College of Medicine, University of Ibadan; <sup>3</sup>Faculty of Nursing, Chrisland University, Abeokuta, Ogun State, Nigeria; <sup>4</sup>Department of Health Studies, Faculty of Human Sciences, University of South Africa, Pretoria, South Africa; <sup>5</sup>Lagos State University, Lagos, Nigeria; <sup>6</sup>Department of Pharmacology and Toxicology, Faculty of Pharmaceutical Sciences, Usmanu Danfodiyo University Sokoto, Nigeria; <sup>7</sup>Université des Sciences et Techniques de Masuku (USTM), Franceville, Gabon; <sup>8</sup>Centre Interdisciplinaire de Recherches Médicales de Franceville (CIRMF), Gabon; <sup>9</sup>Uganda Institute of Information and Communications Technology; <sup>10</sup>Uganda Institute of Information and Communications Technology

Corresponding author's email: femio677@gmail.com

Poverty, food insecurity, and poor nutrition have a considerable impact on the health and well-being of human beings, especially children. The cumulative effects of poverty and food insecurity include dismal socioeconomic and well-being indicators. Nigeria, the most populous nation in Africa, is ranked low in the Human Development Index (HDI). About forty four percent of Nigeria's population is < 15 years. Household socioeconomic inequalities have implications for poverty status, food insecurity incidence, nutritional condition and these cumulatively will impact a child's well-being. The well-being of a child impacts growth, development and future productivity. It is important to consider the synergy of poverty status, food insecurity and nutrition conditions and generate knowledge for relevant policy stakeholders. There is a dearth of research on how the well-being of children has been impacted by household poverty in relation to food security. In addition, previous studies failed to employ holistic models in their methodologies.

**Objectives** – To profile child well-being with poverty status, food insecurity levels and nutritional conditions among households in Nigeria. To estimate poverty status index (PSI), food insecurity index (FII), nutritional status index (NSI) and child well-being index (CWBI).

**Methodology** - Secondary data from the Harmonized National Living Standard Survey (HNLSS) and the World Bank Data base will be utilized to evaluate the impact of food insecurity and nutritional status on child wellbeing in Nigeria.

**Analytical tools** - (Foster-Greer-Thorbecke Indices (FGT) and (2)Stage Least square /3)Stage Least square).

**Expected Results** – To provide insight and generate veritable policy relevant to proffer sustainable policy recommendations that will transform child well-being positively.

**Citation:** Oluwafemi et al. ASFI Annual Conference and Boot Camp, 28<sup>th</sup>-30<sup>th</sup> November 2023



**Copyright:** © 2024 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).