

Structure of Poultry Industry in Nigeria

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Structure of Poultry Industry in Nigeria

- **Introduction**
- **Classification of poultry production in Nigeria**
- **Structure of commercial poultry**
- **Structure of backyard/rural poultry**
- **Important Key questions**
- **Conclusions**

Introduction

- **Poultry industry is one of the fastest growing segment of the agric sub-sector in Nigeria**
- **Accounts for 9-10% of the agricultural GDP with net worth value of over 250 million USD**
- **Poultry population is 140 million sub-divided into Commercial (25%), Semi-Commercial (15%) and Rural/Backyard (60%) – FLD, 2007**
- **Structure of the industry vary from region to region**
 - **Small scale producers account for the bulk of production**
 - **Large scale for large share of the output in some regions**

Classification of poultry production in Nigeria

- Two distinct poultry production systems are Commercial and Rural systems based on features such as scale, husbandry and productivity
- Major classifications based on:
 - Housing scale
 - Biosecurity level
- Housing scale classification
 - Intensive, Semi-Intensive and extensive (Kitalyi, 1998)
 - Commercial, Semi-Commercial, Backyard (Semi-Intensive) and Village Free range (Backyard extensive) – UNDP, 2006
- Biosecurity level classification
 - **Sector 1** (Industrial Commercial Farms), **Sector 2** (Large Commercial Farms), **Sector 3** (Small Commercial Farms) and **Sector 4** (Village or backyard production) - FAO

Structure of Commercial Poultry Production system

- **Industrial Integrated sector (Sector 1)**
 - Occupies apex position
 - Foundation stock for entire commercial poultry: **Grand Parent Stock (GPS) and Parent Stock (PS)**
 - High biosecurity level
 - Vertically Integrated and few in Nigeria
- **Commercial Sectors 2 and 3**
 - Represents non-foundation poultry stock
 - Serve as satellites of sector 1 companies for marketing products and surpluses
 - Sector 2 has medium biosecurity level while sector 3 has minimal or none
 - Sectors produce either eggs or broilers or both
 - Majority of sector 2 farms are located in the South West of Nigeria

Structure of Backyard and Rural Poultry Production system

- **Mostly rural based poultry and subsistent in nature**
- **Consists of low input low output with small flock size**
- **Birds are mostly not confined especially during the daytime when they scavenge**
- **May include some family poultry consisting mini-commercial mixed stocks with some inputs into feeding and housing**
- **Poultry species in this category occupy a very important position in terms of socio-economics and also serve as source of protein for majority of rural dwellers**

Important Key questions

- **How do we clearly define the structure of the poultry industry in Nigeria?**
- **How do we address overlapping definitions**
- **Which system of classification do we adopt?**

Conclusions

- **There is an urgent need for extensive poultry mapping in Nigeria**
- **Definitions and classification of poultry production systems and structure in Nigeria needs to be standardized**

Thank you