

TRENDS, OPPORTUNITIES, AND CONSTRAINTS IN THE POULTRY SUB-SECTOR IN THE LAST 30 YEAR PERIOD

J.A.S.T. Jayakody¹, K.V.V.N. Jayalath² and W.A.D. Nayananjalie¹

¹*Department of Animal and Food Sciences, Faculty of Agriculture, Rajarata University of Sri Lanka, Anuradhapura, Sri Lanka*

²*Agricultural Economics and Agribusiness Management Division, Coconut Research Institute, 61150, Lunuwila, Sri Lanka*

Poultry contributed 0.45% to GDP which is 64% of the total contribution of Sri Lankan livestock. It is the most active sub-sector in the livestock industry in Sri Lanka. Thus, a study was undertaken to identify, i) trends related to poultry population, products, and trade (exports and imports), ii) trend in per capita availability of chicken meat, iii) opportunities and constraints prevailing for the further development of the poultry sub-sector. Relevant secondary data from 1989 to 2019 were used for the trend analysis using the linear regression technique. Different functional forms were tested and the best was selected for the interpretation. Results revealed that, for the last 30 years, the annual average increase of the poultry population, broiler production, and egg production were 3.2%, 6.7%, and 4.8%, respectively. The annual average increase in meat exports was 101.74 mt. The increase of annual per capita availability of chicken meat and eggs were 7% and 2%, respectively. Thus, both broiler and layer industries have the potential for further expansion. The opportunities available in the poultry sub-sector were, government and private-sector involvement, large and medium-scale poultry processing plants, and higher demand for poultry products. The main constraint identified in the sector is the increasing cost of production in dressed chicken and eggs especially due to higher feed cost. It is concluded that there is an increasing trend in poultry production, exports, and per capita availability. Similarly, there are ample opportunities for development. Hence it is suggested to increase the availability of poultry feed ingredients in the country in sufficient quantities to overcome the constraints.

Keywords: Consumption per year, Demand for meat production, Fluctuation of egg production