

## **Flock Composition and Pattern of Entry and Exit of Village Chickens in Punjab (Pakistan)**

S. Sadeq\*, M.S. Khan<sup>1</sup>, M.S. Rehman<sup>1</sup>, M.N.M. Ibrahim<sup>2</sup> and A.M. Okeyo<sup>2</sup>

Department of Animal Breeding and Genetics  
University of Agriculture  
Faisalabad, Pakistan

**ABSTRACT:** *The present study was conducted with the objective of describing flock composition and pattern of entry and exit of village chicken through in-depth monitoring in six randomly selected villages within two experimental sites in Punjab, Pakistan. Initial survey and six monitoring visits of the selected household in each village were made after fixed intervals for a year to collect data related to number, sex and composition of various age groups of chicken sample population categorized into six types/breeds. The number of birds in the flock fluctuated across the visits and laying hens were more as compared with other bird categories among the flock. The causes of exits and entries to the farms highlighted the diseases as major reason for all bird groups. Sale of birds provided the source of income to the farmers. Improvement in management and veterinary care are suggested to enhance flock productivity and income.*

**Keywords:** *Chicken diseases, flock composition, initial monitoring, in-depth monitoring, village chicken*

---

<sup>1</sup> Department of Animal Breeding and Genetics, University of Agriculture, Faisalabad, Pakistan

<sup>2</sup> International Livestock Research Institute (ILRI), P.O. Box 30709, Nairobi, Kenya

\* Corresponding author: sumsad2012@gmail.com