



SPATIAL TRACEABLE MAPS AND MANAGEMENT OF LIVE BIRD TRANSPORTATION ALONG CHICKEN VALUE CHAINS



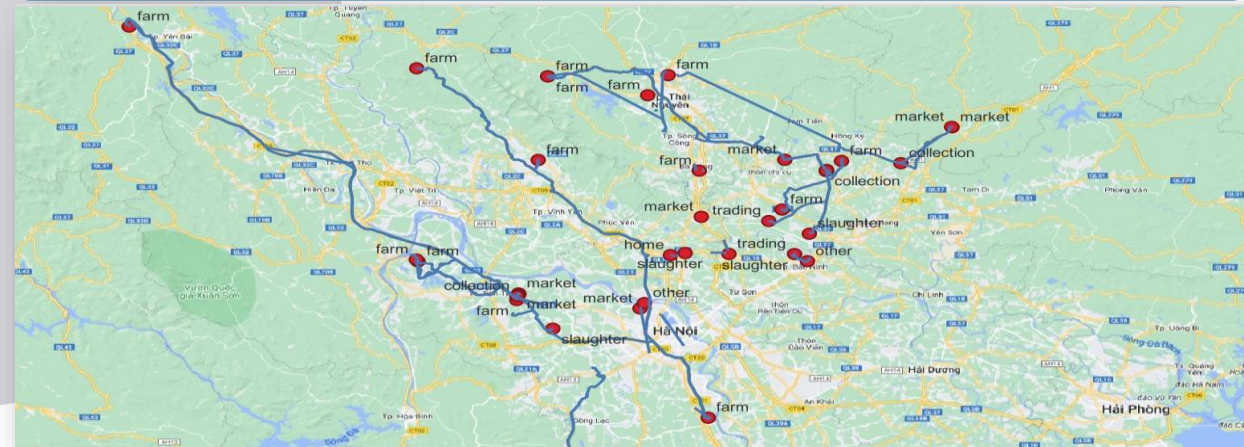
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Introduction

- The total number of poultry of Viet Nam is 525 million (the 10th in Asia and 31th in the world). Live poultry is traded, transported between different agents within and between provinces in Viet Nam. The trading practices of sellers may influence the transmission of diseases of poultry and even to human. This study was implemented in Hanoi and Bac Giang provinces, Viet Nam.
- The study aims to evaluate the management and to trace spatial maps of live bird transportation along value chain in order to identify high risk routes and points for increased social-technical one health interventions and policy recommendations.

Methods

The methods were applied included in-depth interviews with total 26 traders (17 men and 9 women; 13 big traders and 13 small traders), taking note and spatial road mapping using the App with cell phone.



Results and discussion

- The big traders in both provinces bought over 800 color chickens each trip from farmers, integrated farms, through middle men from other provinces to store or sell, while small traders bought less than 200 chicken from big traders to sell.
- 75% of big traders transported chickens by small truck through two provinces with chicken health certificates.
- The small traders mainly transported chickens by motobike within the province and had no chicken health certificate.
- The vehicle was regularly cleaned and disinfected by traders and farm owners.
- 83% of big traders and 69% of small traders kept chicken 1- 3 days in the store and in their home, respectively.
- Most big traders sold chicken to small traders, retailers, consumers, and slaughterhouses.
- The clients mainly come to storage of big traders to buy chicken, while 70% small traders delivered chicken to clients.



Main chicken value chains:



Note: *Small traders of three chains delivery chickens by motobike to retailers, slaughter points, consumers, small eateries.*

Conclusion

There is a close relationship between large and small traders, farms, intermediaries and consumers. Therefore, bio-security control is very important not only from farms, chicken storage, but also during chicken transportation. It is also necessary to improve the awareness about disease safety for all stakeholders along the poultry supply chain.

