



Risk Assessment - Case of Kenya

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Presentation outline

Methodology

Pathways

Data needs



Methodology

- Literature review
- Key informant interviews (semi structured interviews)
- Structured interviews (questionnaires)
- Observations
- Mapping

Sites visited



- Border points (Rift Valley, Nyanza, Western and Coast)
- Airports (JKIA and MIA)
- Markets (primary, secondary and tertiary)
- Farms
- Hatcheries (Nakuru)
- Slaughter houses (Nairobi, Nakuru)
- Inland container depots (ICDs)
- National parks and reserves (Rift valley)

Interviewees



- Farmers
- Veterinarians (province, districts, entry points and divisional levels)
- Wildlife officers and ornithologists
- Traders (butchers, transporters, middle men etc)
- Market inspectors (VOs and LA)
- Human health public health officers
- Customs officers (ICD, border point, airports)
- KEPHIS inspectors (border points)
- Police officers*
- Slaughter house personnel
- Hatchery staff



Pathways

Release assessment



- Imports
 - Live chicken (across the borders)
 - Day old chicks (by air and across the borders)
 - Chicken noodle i.e. by air (airports) and sea (harbour)
 - Fertilised eggs
 - Parent stock
- Mechanical (through fomites and humans)

Exposure assessment



- Hatchery to farm
- Farm to farm (live chicken, feed manure)
- Farm to markets (live chicken, dressed chicken and eggs)
- Market to farm
- Market to market
- Wildlife to farm (migratory birds)



Data needs

Data needs (1)



- Poultry population (census)
- Bio-security assessments (levels)
- Disease prevalence (early warning)
- Exhaustive investigation of wild bird die offs
- Evaluation of the veterinary services (mapping, quantification and characterisation)

Data needs (2)



- Volumes of trade (live chicken, feeds, DOCs, eggs along the poultry production – marketing chain)
- Manure and by products, especially offal e.g. gizzards disposal (assessment)
- Marketing channels / chains (documentation and description, mapping, classification and quantification)
- Import /export data (live poultry and products)



THANK YOU