



# FMD IN MALAYSIA

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## CURRENT STATUS

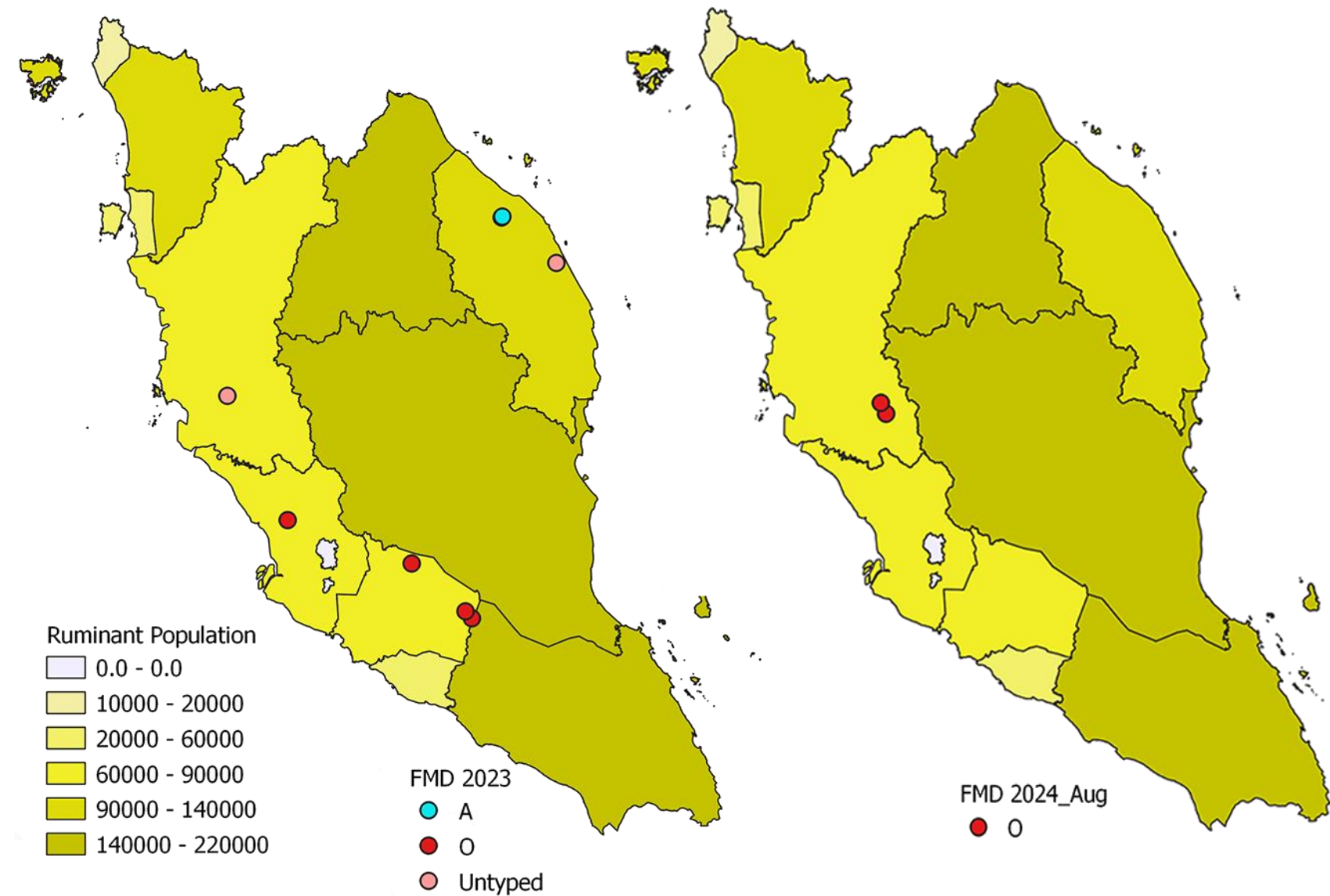


Fig. 1: FMDV Serotype in P. Malaysia

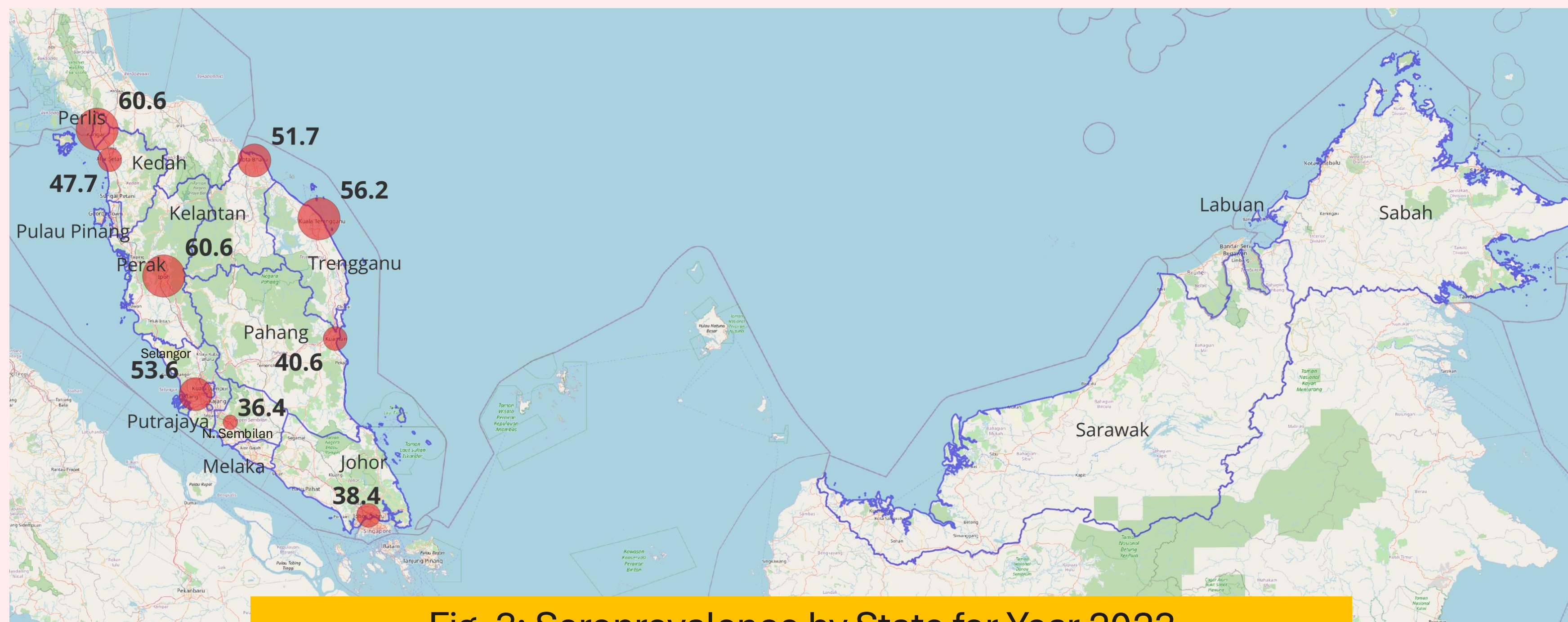


Fig. 3: Seroprevalence by State for Year 2023

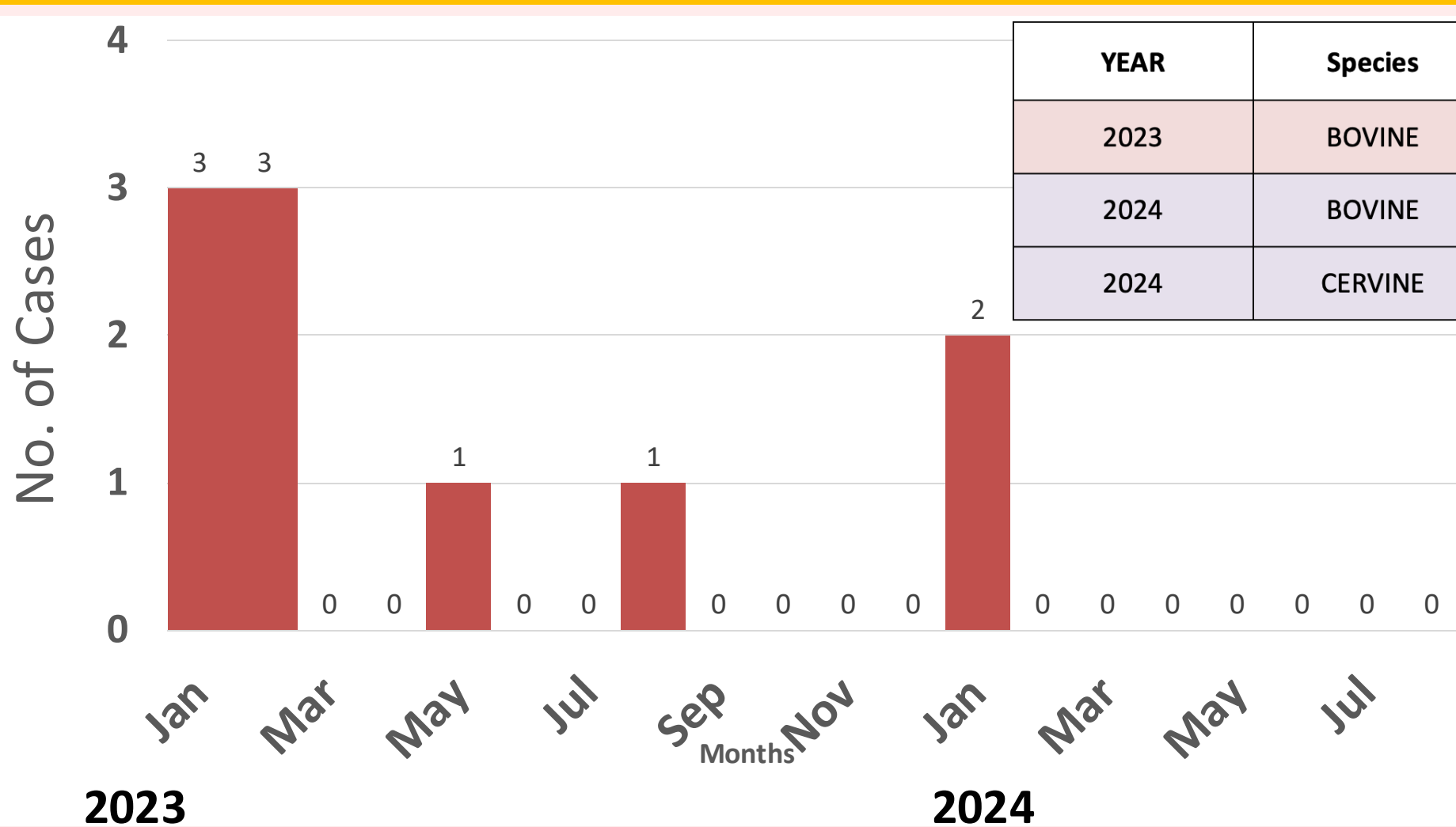


Fig. 2: Case occurrence (2023 – July 2024)

**Study to conduct in-depth FMD risk assessment in Johor and Langkawi, Malaysia**

Final report  
July 2024

**Kedah Beef Value Chain**

**Johor Beef Value Chain**

## BIOSECURITY & MITIGATION

- Vaccine & Vaccination
  - Strategic vaccination in FMD endemic areas
  - 100% coverage at FMD-free zones
  - Post-vaccination monitoring
  - Regulation of vaccine use
  - Good quality vaccine
  - Stockpiling & cold-chain maintenance
  - SOPs
- Initiation of Public-Private Partnership (PPP)

## RISK COMMUNICATION & AWARENESS

- Stakeholder engagement
- Public awareness campaigns

## TRAINING

- Technical & response training
- Simulation exercise

## LEGISLATION

- Two different governing entity (Federal & State)
- Working in tandem
- Acts, ordinances, enactments

## FMD Prevention & Control Measures in Malaysia

## NATIONAL STRATEGIC PLAN FOR FMD

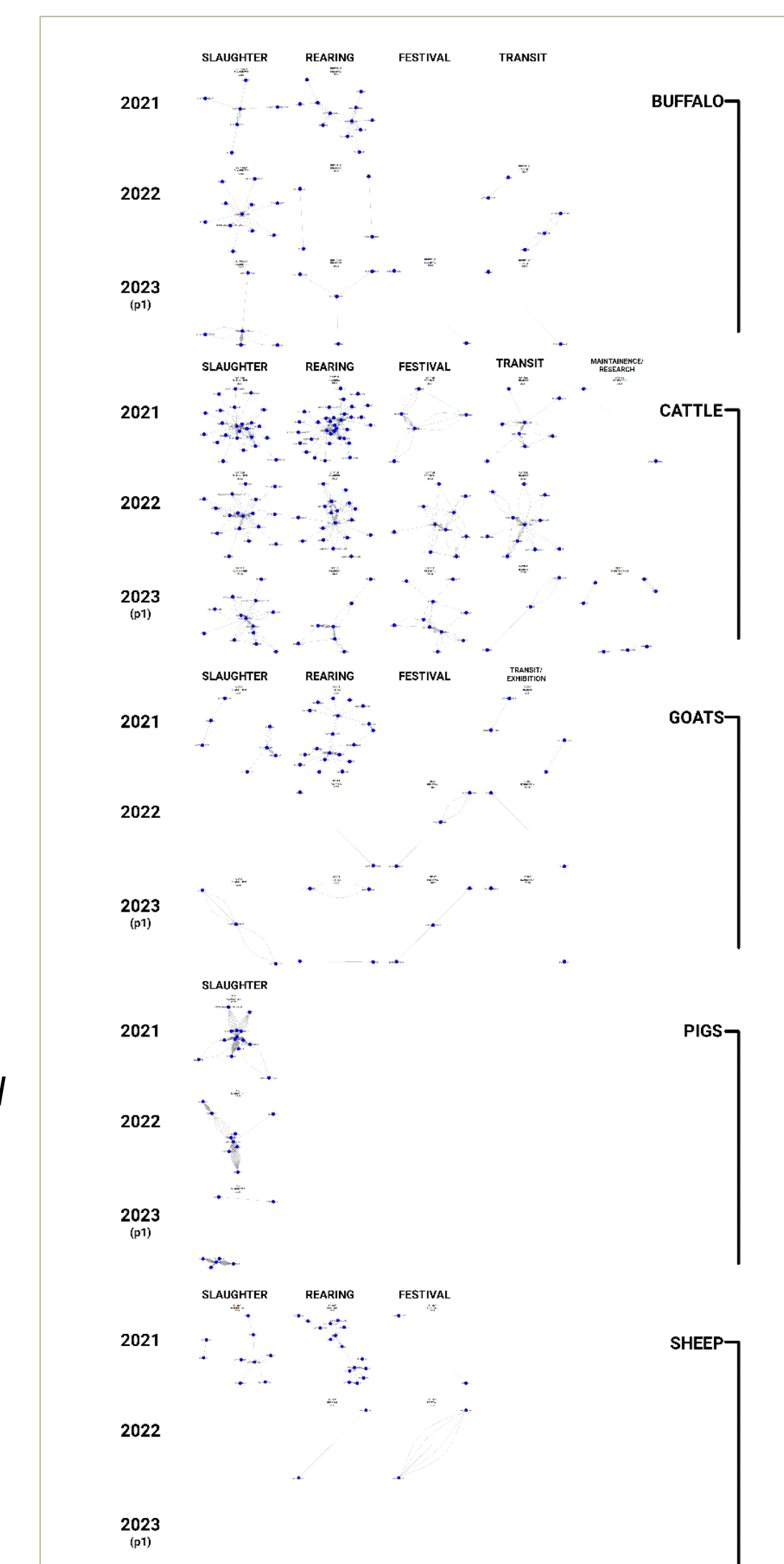
- Establishment of FMD Free Zones in P. Malaysia - Langkawi district (Kedah state) & 3 districts (Johor state)
- SOPs (APTVM) & Contingency Plan (PVM)
- Key component of Malaysian Veterinary Services Strategic 5-Year Plan (MVSSP)

## ANIMAL MOVEMENT CONTROL

- Pre-border control**
  - Risk analysis for importation of commodities
  - Country-specific importation requirements
- Border**
  - Quarantine procedures & Entry-point Inspection
  - Joint risk assessment
- Post-border control**
  - Inter and intra-state movement regulation & control including for slaughter
  - Animal identification & traceability

## DETECTION & SURVEILLANCE

- Early warning system – reporting (complaint, rumours, “triggers”), disease investigation
- Annual surveillance programme (risk-based)
  - Sero-surveillance
  - Clinical surveillance
- Laboratory capacity & capability
  - National Reference Laboratory in Kota Bharu (Kelantan state)



Network Analysis of Animal Movements into Johor FMD Free Zone

## CHALLENGES

- Illegal transboundary movement of animals
- Under-reporting of cases in spite of strong existing legislation
- Human resource constraints for FMD control
- Vaccination compliance

## WAY FORWARD

- Regular and periodic engagement with border control agencies on mitigation & JRA activities
- Strengthening enforcement of legislation
- Strengthening of awareness campaigns (risk communication)
- Expanding PPP approach to wider approach

