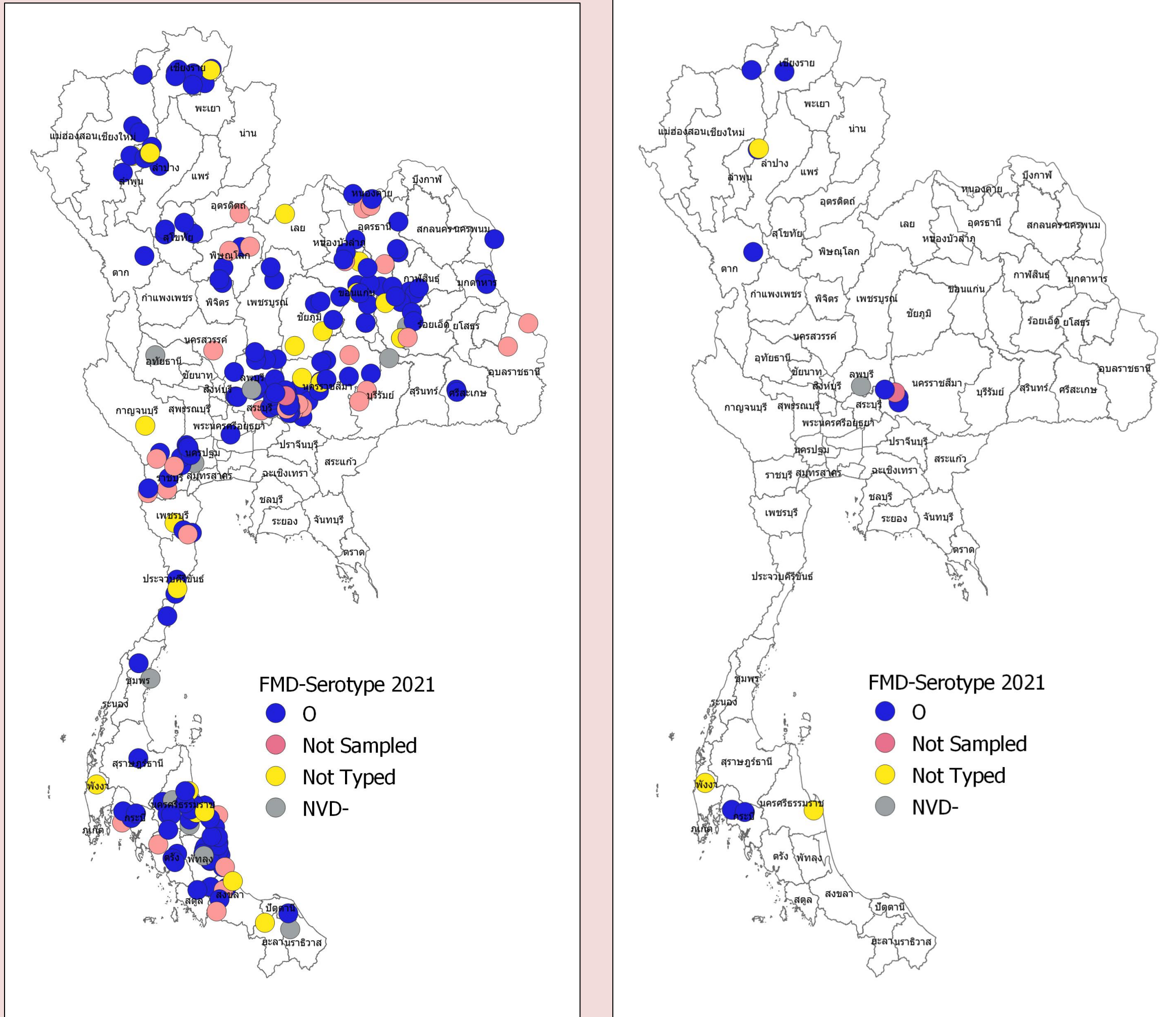


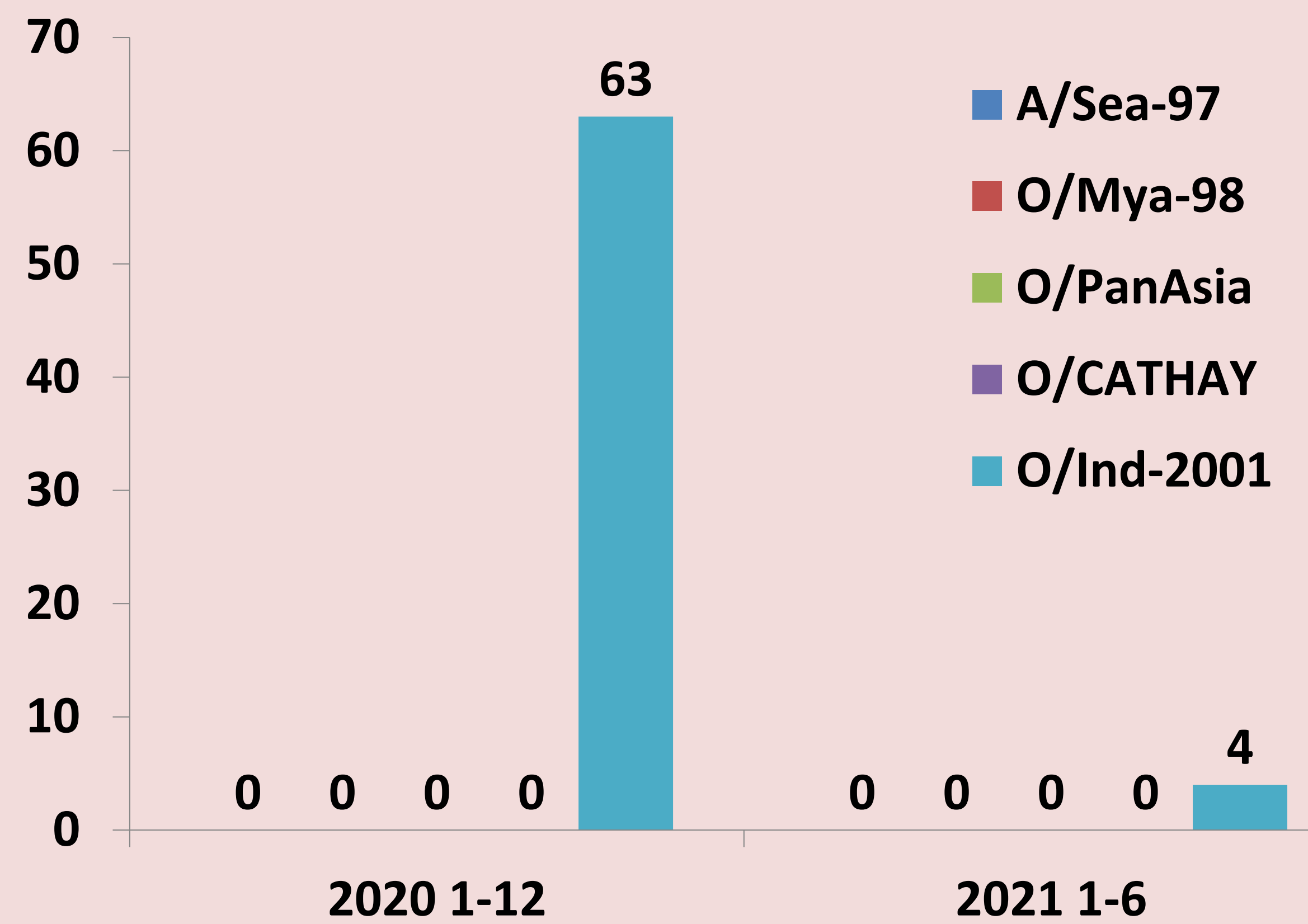


FMD SITUATION (Jan 2020 to June 2021)

FMD outbreaks and serotype distribution 2020.1-2021.6



FMD epidemic strains in Thailand 2020.1-2021.6



- There were 233 outbreaks from January 2020 to June 2021, of which there are 164 O-type.
- Affected animals were cattle (93%) and buffaloes (7%).
- Outbreaks were concentrated in the south and northeastern part of Thailand

Prevention Measures

- Clinical Surveillance (Passive and active)
- Raising public awareness
- FMD-Free farms certified by DLD
- Vaccination Campaign
- Public private partnership especially on evaluation of vaccination campaign

Control Measures

- Law enforcement: Animal Epidemics Act, B.E. 2558 (2015) → Notifiable disease
- Establishment of Temporary epidemic zone (Only the designated zone 5 km radius within a province) announced by local veterinary authority
- Animal Movement control and establishment of disinfection check points
- Clinical Surveillance (Passive and active)
- Raising public awareness
- Quarantine and treatment of sick animals
- Ring Vaccination in 5 km radius

FMD PREVENTION AND CONTROL ACTIVITIES

Constraints & Solutions

Constraints

- Low biosecurity in smallholders
- Illegal movement
- High demand of beef cattle with low supply within the country
- Lack of leading group in private sectors to collaborate with DLD

Solutions

- Increase incentive for standard farms
- Intensification of law enforcement
- Encourage consumer to consume high quality meat
- Establishment of FMD-free zone/compartment
- Improve the registration and traceability system
- Increase communication between public and private sectors to improve PPP

Solutions

- Establishment of FMD-free zone in region 2
- Increase the number of standard farms and developed them into FMD-free farms
- Public Private Partnership
 - Public awareness and establishment of FMD-free zone/compartment especially in pig farms
 - Vaccination program in dairy cattle
- Re-evaluation the value chain during and after covid 19 for each susceptible animals for further adjustment on prevention and control measures

Way Forward