



World Organisation  
for Animal Health  
Founded as OIE

# Country Presentation FMD Situation updates and SEACFMD Campaign Progress

**Country name: INDONESIA**

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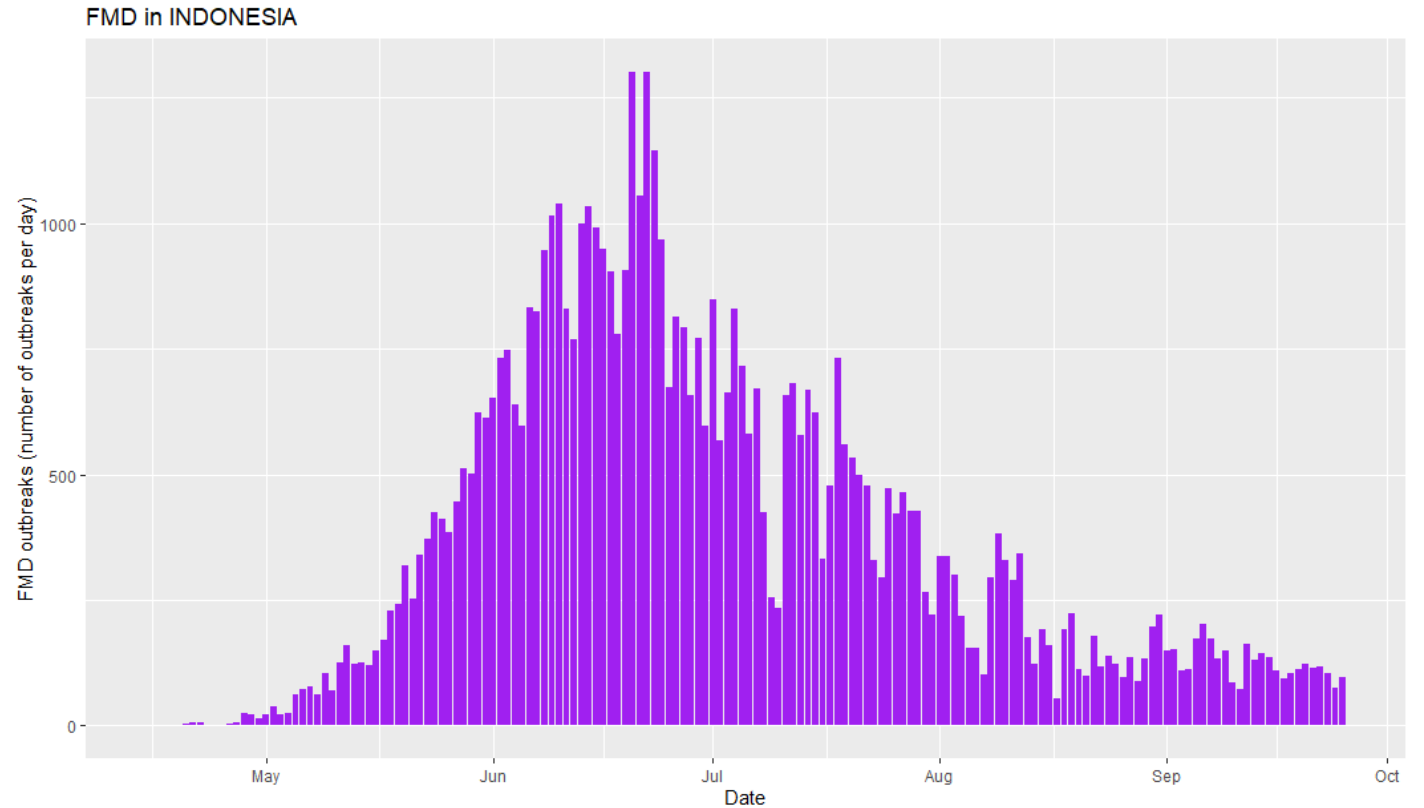
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AGRICULTURE

# FMD situation updates

- FMD situation updates
  - Temporal distribution
  - Spatial distribution
  - Serotype distribution
  - Number/ species of animals affected

# Temporal distribution

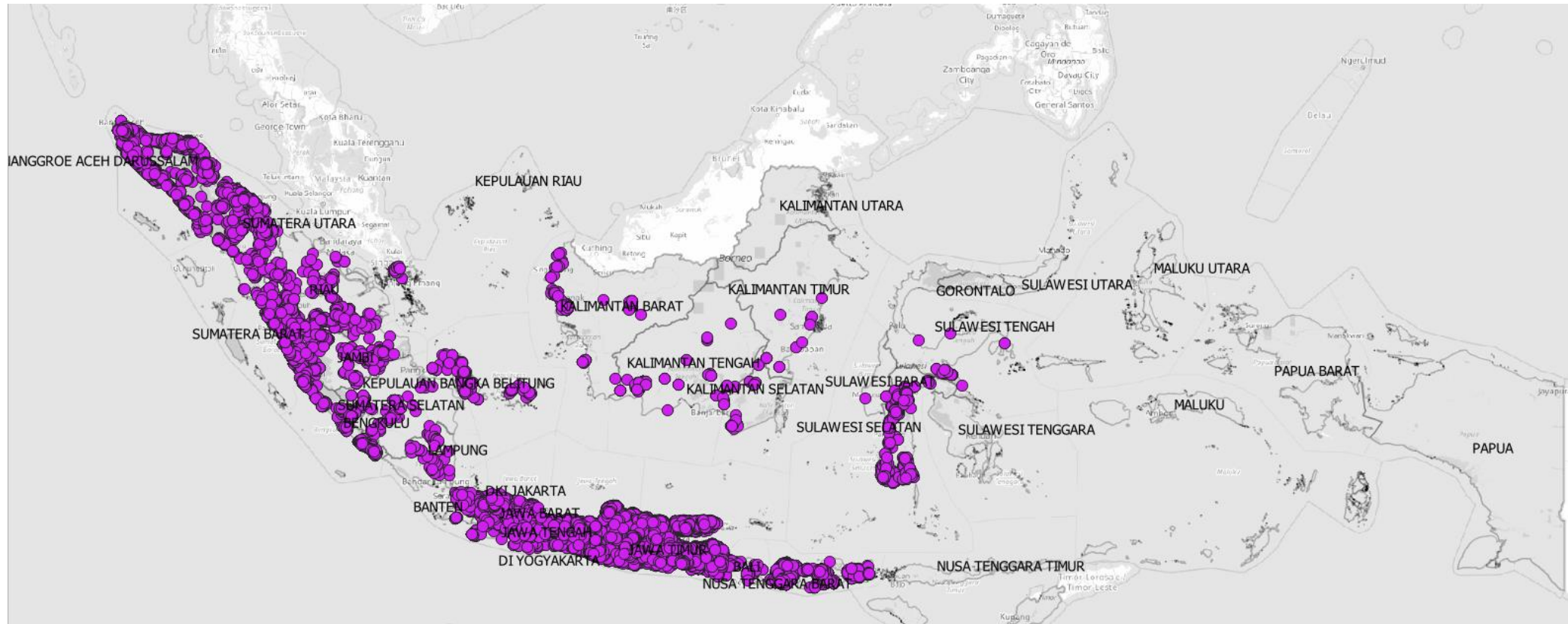


- Total number of outbreaks: 58627

Data source: iSIKHNAS updated 25 September 2022

# Spatial distribution

- Number of provinces affected: 25



Data source: iSIKHNAS updated 25 September 2022


# Serotype distribution

FAO World Reference Laboratory for  
Foot-and-Mouth Disease (WRLFMD)

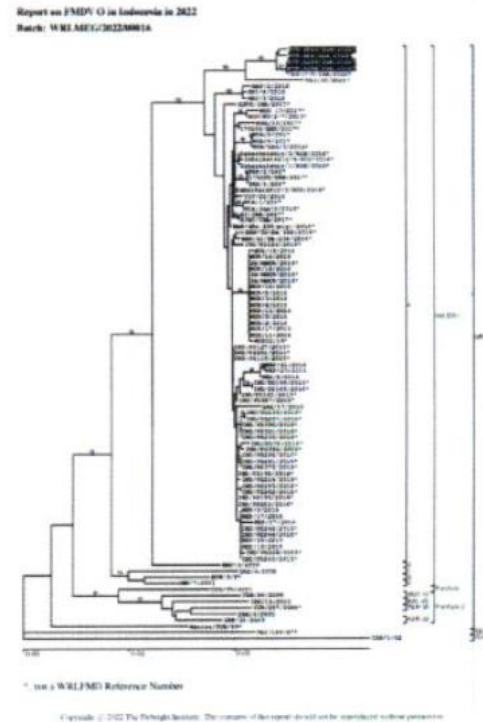
**Genotyping Report**

FMDV serotype: O  
Country: Indonesia  
Year: 2022  
Batch: WRLMEG/2022/00016  
No. of sequences: 4  
Report date: 21st May 2022  
Report generated by: Nick Knowles  
Report checked by: Don King

This report is prepared on behalf of Dr. Edy Budi Susila, Head of Pusvetma, Indonesia, and covers four VP1 sequences submitted to the WRLFMD on 21st May 2022.




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So far, there is only one serotype detected in Indonesia. Characterization was conducted by PUSVETMA as Nat Ref Lab for FMD & DIC Wates as Regional Ref Center for Bioinformatics and supported by The Pirbright Institute.

- Serotype: O
  - Topotype: ME-SA
  - Liniage: Ind-2001
  - Subliniage: 'e'
- O/ME-SA/Ind-2001e





Number/  
species of  
animals  
affected

<b>SPECIES</b>	<b>NUMBER OF AFFECTED</b>	<b>% OF AFFECTED</b>
Cow	195886	90.53%
Buffalo	16003	7.40%
Goat	2055	0.95%
Not reported	1760	0.81%
Sheep	622	0.29%
Pigs	52	0.02%
<b>Total</b>	<b>216378</b>	<b>100%</b>

Data source: iSIKHNAS updated 25 September 2022

Key Control Measures  
implemented

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# Basic Principles of FMD Eradication (Kiatvetindo FMD)

1. Prevent contact between susceptible animals with FMD virus: isolation and movement control, surveillance
2. Stop FMD virus replication and circulation in the environment: decontamination, proper disposal
3. Increase resistance/immunity of susceptible animals: vaccination



## Prevent contact between susceptible animals with FMD virus: isolation and movement control, surveillance

- At farmer's level: giving supportive therapy to affected animals and educate farmers not to sell the sick animals
- At market : temporary market closure
- At administrative area level: movement control between areas (infected, free and suspected areas)



## Stop FMD virus replication and circulation in the environment: Biosecurity

### Training for vet and para vets

- Good biosecurity practice for large, medium and small-scale farmers
- Producing simple biosecurity video for field officers

### Technical guidance for farmers on farms

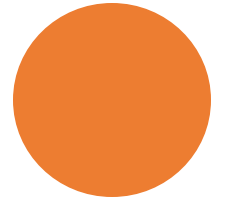
- Simple biosecurity practices for small holder farmers
- Introducing the usage of effective disinfectant that are easy to access

### Providing effective disinfectant and equipment for disinfection

- Sending disinfectant and equipment to affected areas



Area, disinfected his farm

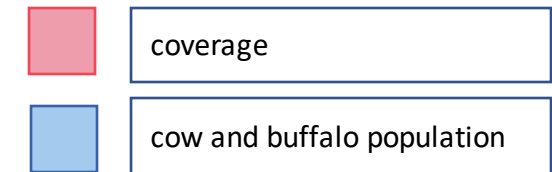
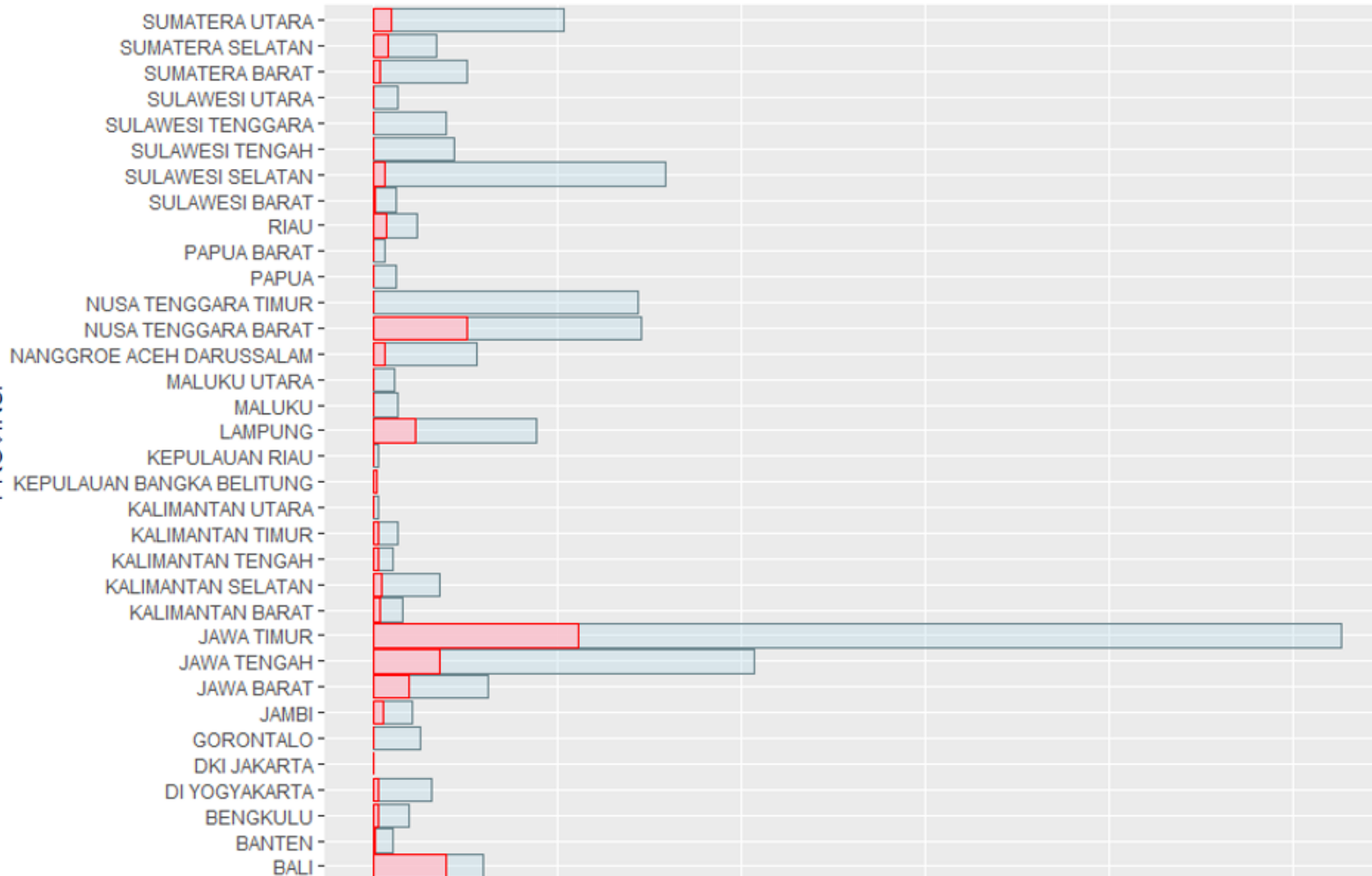




## Increase Resistance/Immunity of Susceptible animals: vaccination

- Strategy: ring vaccination and blanket vaccination
- Target of animals: cows and buffalo, other species will be assessed based on risk
- Priority: high value animals such as animals for breeding and dairy cattle

# FMD Prevention and Control – Progress of vaccination




Data source: iSIKHNAS updated 03 October 2022

# FMD Prevention and Control – Progress of the Campaign: Progress of implementation of

SEACFMD Roadmap 2021-2025 till date

*Main achievement*



<i>Objectives/targeted activities as identified in 2016</i>	<i>Activities conducted between 2016 to 2020 to reach these objectives</i>
Update the Emergency preparedness plan	Reviewed and updated FMD preparedness plan (KIATVETINDO).
Capacity building among VS in skills relevant to FMD	Training for field officers
Design IEC material	IEC material designed for field officers to implement biosecurity, and vaccination in the form of video
FMD lab capacity building such as PCR training	PCR and ELISA training for all DIC





Thank You