



World Organisation  
for Animal Health



## SEACFMD EPIDEMIOLOGY NETWORK MEETING

### PHILIPPINES

***ANTHONY C. BUCAD, DVM***

*OIC, Assistant Director  
Bureau of Animal Industry  
Department of Agriculture*

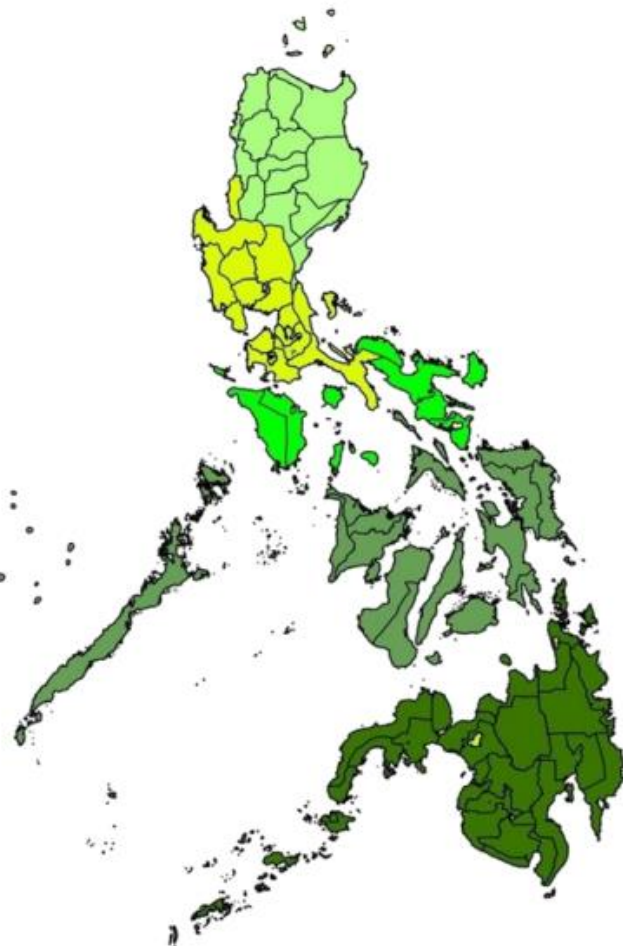
*13-15 April 2025,  
Qingdao, People's Republic of China*





# Road to Freedom

The Philippines OIE-recognized FMD Free zones without vaccination  
(indicating the year of OIE certification)



-  2010 – Zone 1 of Luzon
-  2011 – Zone 2 of Luzon
-  2010 - Zone 3 of Luzon
-  2002 – Islands of Visayas, Palawan and Masbate
-  2001 – Mindanao







# FMD Free Country Recognition





# Prevention and Preparedness Activities

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- Implementation of necessary border control and veterinary quarantine-related activities to prevent the incursion of the disease from FMD-affected countries;
- Conduct routine field surveillance, sample collection, and laboratory testing for FMD;
- Attendance and participation in relevant activities (e.g. coordination meetings, scientific conferences, and fora, etc.), local and international, for updates and be abreast with current developments on matters related to FMD; and
- Conduct meetings, trainings, workshops, and other relevant activities with government counterparts and livestock industry stakeholders as part of capacity preparedness building and updating



# DA MC # 15 SERIES OF 2022 : UPDATING THE MANDATORY SERUM SAMPLE SUBMISSION FOR FOOT AND MOUTH DISEASE FMD SURVEILLANCE



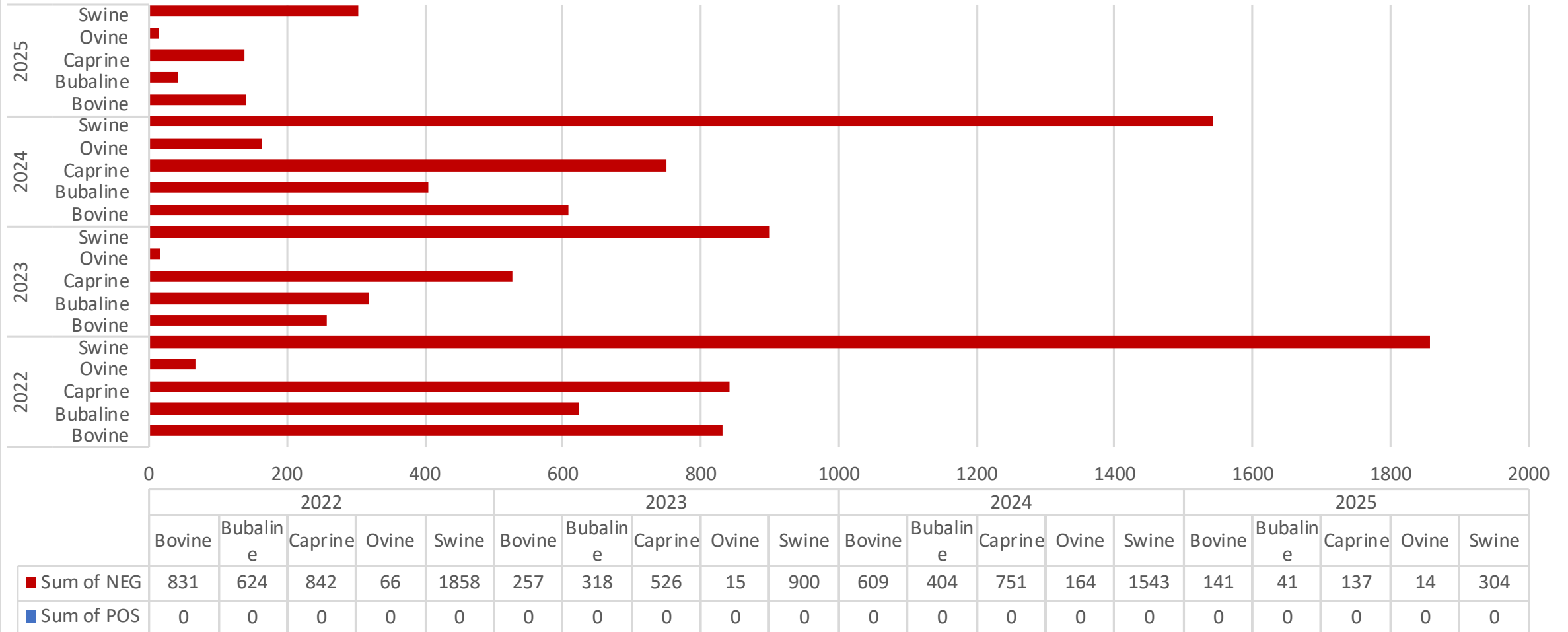
Dated May 10, 2022

1. The FMD sample submission of Regional and Provincial FMD Coordinators to the Bureau of Animal Industry shall be according to the overall level of risk;
2. The list of provinces and its respective risk level is attached as ANNEX A;
3. Provinces categorized as Low Risk areas are exempted from the sample submission;
4. Provinces categorized as Medium Risk areas shall submit serum samples once-a-year (October);
5. Provinces categorized as High Risk areas and those Local Government Units (LGUs) which did not submit the FMD assessment reports shall submit serum samples twice-a-year (May and October).



# FMD SURVEILLANCE

Samples Tested for FMD from 2022 to April 2025



Source: Laboratory Results of the Samples tested at the BAI Animal Disease Diagnosis and Reference Laboratory (ADDRL) as of 3<sup>rd</sup> QTR 2023.





# Conduct of Risk Assessment



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## RISK ASSESSMENT ON THE INTRODUCTION OF FOOT AND MOUTH DISEASES VIRUS THROUGH THE UNAUTHORIZED ENTRY OF MEAT AND MEAT PRODUCTS FROM INDONESIA

*Ermyn D. Ermitanio VQS IV-A and Lowell C. Bojos VQS XI*  
August 2023

### Risk Analysis of Introducing Foot and Mouth Disease Virus (FMDv) from Indonesia to the Philippines through the Traditional "Backdoor Route"

*A.C.Bucad, J.S.Garcia, H.G.Napiloy, September 2023*

#### Risk estimation

Level of consequence or impact of entry	Probability of occurrence				
		3-4 (Null to Very low)	5-6 (Low)	7-8 (Moderate)	9-10 (High)
1 (Nil to Negligible)		0	0	1	2
2 (Low)		0	1	1	2
3 (Moderate to high)		1	1	2	3

0 – Null to very low; 1 – Low; 2 – Moderate; 3 – High

**High  
Risk!**



# Risk Management

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- Conduct FMD Tabletop simulation exercises (priority: Mindanao);
- Reconvene FMD regional and local coordinators/focals for discussion of respective FMD Monitoring and Preparedness Plan;
- Strengthen the quarantine inspection capacities in Mindanao in coordination with the Philippine Coast Guard, DARFO and LGUs;
- Information drive and public awareness activities.
- Strengthen border control
- Release issuance that prohibits swill feeding most especially in the neighboring provinces of Indonesia
- Inter-agency cooperation involving the BFAR, Coast Guard, and Maritime Police should be established to facilitate inspections of the provisions carried by our fishermen returning from the Celebes Sea. This collaborative effort is designed to mitigate the risk of barter exchanges between our fishermen and Indonesian counterparts, potentially involving contaminated meat and meat products, within the Celebes Sea region.





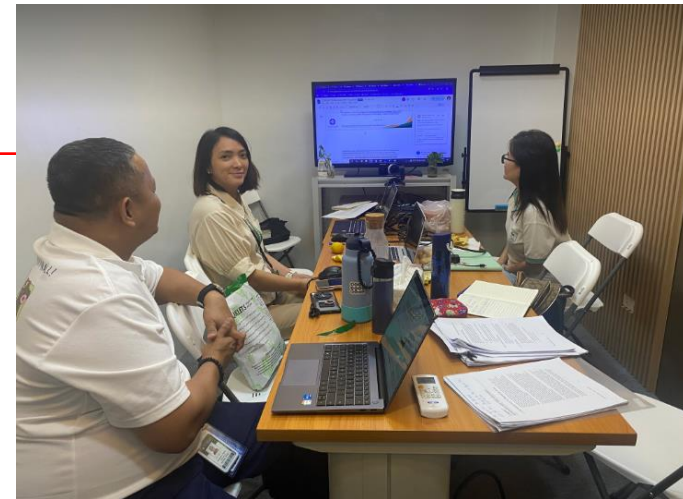
# Coordination Activities

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- **Coordination Meetings and Simulation Exercises for Animal Disease (Avian Influenza and Foot and Mouth Disease) Emergencies**
  - MINDANAO CLUSTER (4-7 December 2023)
  - VISAYAS CLUSTER (13-16 February 2024)
  - SOUTH LUZON CLUSTER (19-22 March 2024)
  - NORTH LUZON CLUSTER (2-5 April 2024)
- **Foot and Mouth Disease – Emergency Preparedness Plan (FMD-EPP) Writeshop (7-9 August 2024)**
- **Update and Revision of the FMD-EPP leading to the development of the “FMD Preparedness Guidelines” (January - February 2025) Foot and Mouth Disease Communication Plan Training Workshop (25-28 March 2025)**
- **FMD Preparedness Guidelines Public Consultation and Coordinators’ Meeting**
  - MINDANAO CLUSTER: 7-9 May 2025
  - VISAYAS CLUSTER: July 2025
  - LUZON CLUSTER: July 2025



**Foot and Mouth Disease – Emergency Preparedness Plan (FMD-EPP) Writeshop**



**Update and Revision of the FMD-EPP leading to the development of the “FMD Preparedness Guidelines”**



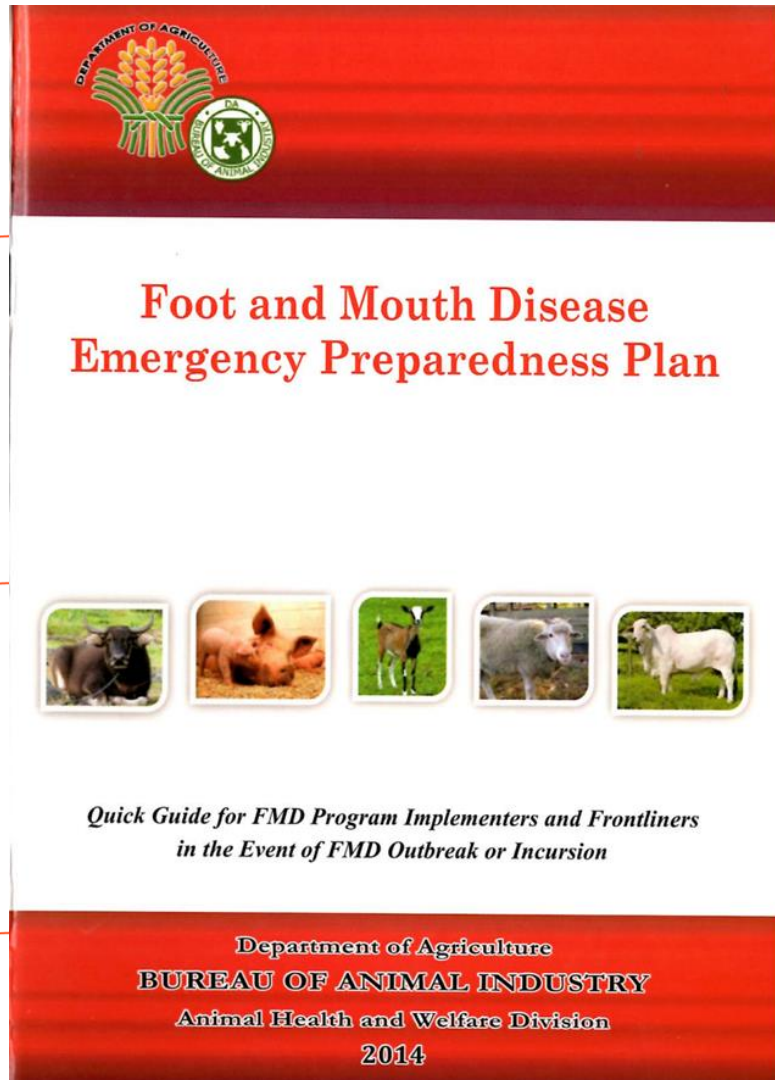
**Foot and Mouth Disease Communication Plan Training Workshop**



**Update and Revision of the FMD-EPP leading to the development of the “FMD Preparedness Guidelines”**



# OVERALL POLICY FOR FMD OUTBREAKS



**Stamping out**

**Quarantine and Movement Controls**

**Decontamination**

**Outbreak Investigation**

**Risk/Crisis Communication**

**Emergency Vaccination**





# Revised Communication Plan

- Identified high-impact stakeholders, along with the issues they face and the corresponding impacts. Developed targeted communication strategies for each stakeholder group, aligned with the distinct needs and objectives of the peacetime, outbreak, and recovery phases.
- Mapped a set of core messages that can be adapted and reused by implementers to support the development of consistent communication across various initiatives and activities.
- Developed strategic approaches that include communication materials, capacity-building activities, and advocacy efforts to guide future FMD campaign planning and implementation.





# Revised Communication Plan

- Designed a new logo for the FMD Prevention and Control Program to support visual identity.
- Identified core agencies involved in the implementation of the FMD Emergency Preparedness Plan (EPP), and mapped coordination mechanisms and information flow among them, including disease reporting processes across local, subnational, and national levels.
- Refined the Simulation Exercise (SimEx) module based on feedback from previous exercises and technical assistance provided by the Food and Agriculture Organization (FAO) Philippines.





# Emergency Vaccination

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- As per DA Administrative Order 19, series of 2011 1. (c) “The Department of Agriculture shall allocate funds yearly for the Bureau of Animal Industry (BAI) to maintain yearly at least 2,000 bottles or 100,000 doses of FMD buffer stock.”
- BAI was able to procure FMD vaccines as buffer stock but was not sustained from 2015 to 2023 due to lack of allocation.
- Php 6,000,000.00 initial funding for FMD buffer stock either via direct procurement or access to vaccine bank services for the year 2024.
- 30 Million pesos budget for the periodic nationwide monitoring of FMD and acquisition of FMD vaccines is the ideal fund to defray necessary expenses.





# Challenges

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- Sustainable budget allocation for FMD Vaccine Buffer Stock as prescribed by DA AO 19 s.2011
- Procurement process to avail of vaccines and/or other related services
- Availability of vaccines and/or other related services
- Sufficient funding for the Updating of FMD Emergency Preparedness Plan Manual, Table Top Simulation Exercises



# WAYS FORWARD:

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To review and update FMD EPP



Considerations for emergency vaccination: Buffer stock  
Antigen or vaccine bank services



Strengthen laboratory capacity and capability;



Collaboration with partners;



Development of indemnification scheme backed up by legal  
issuance;



Capacity/capability building on animal disease control and  
prevention programs.

