



World Organisation  
for Animal Health  
Founded in 1924



15<sup>th</sup> Meeting of the Upper Mekong Working Group  
on Foot and Mouth Disease Zoning and Animal  
Movement Management

**Viet Nam**

*DEPARTMENT OF ANIMAL HEALTH*



*24-26 April 2024,  
Luang Namtha, Lao PDR*



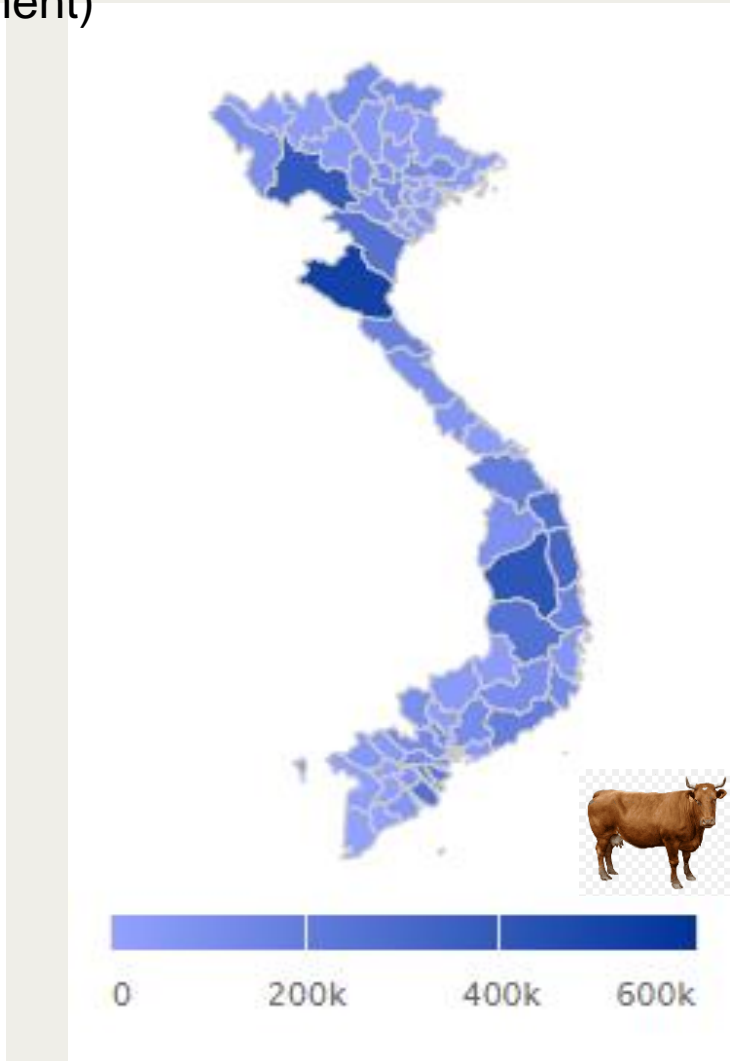
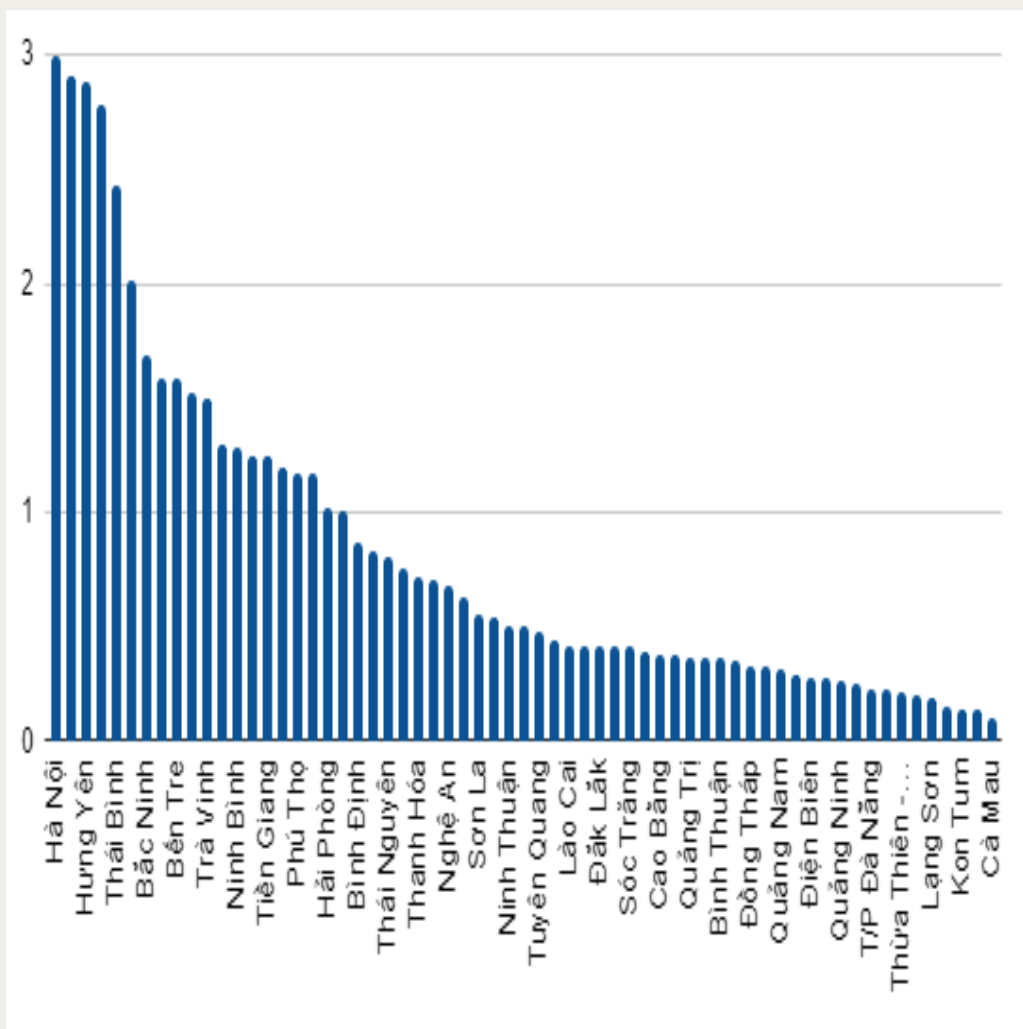
## Outline of the presentation

1. Disease situation
2. Measures to prevent and control epidemics
3. Control domestic and cross-border animal transport
4. Difficulties and challenges
5. International cooperation



Please provide the latest livestock census data, including density distribution by province, district, etc., along with heat maps or choropleth maps

By the end of 2023, the total number of pigs is estimated to reach 26.3 million (not including more than 4 million piglets with mothers), an increase of 4.2% over the same period in 2022; buffalo herd 2.2 million, down 1.0%; The cow herd is 6.4 million heads, an increase of 0.6% compared to the same period in 2022, and the poultry herd is 545.4 million heads. (Source: Ministry of Agriculture and Rural Development)



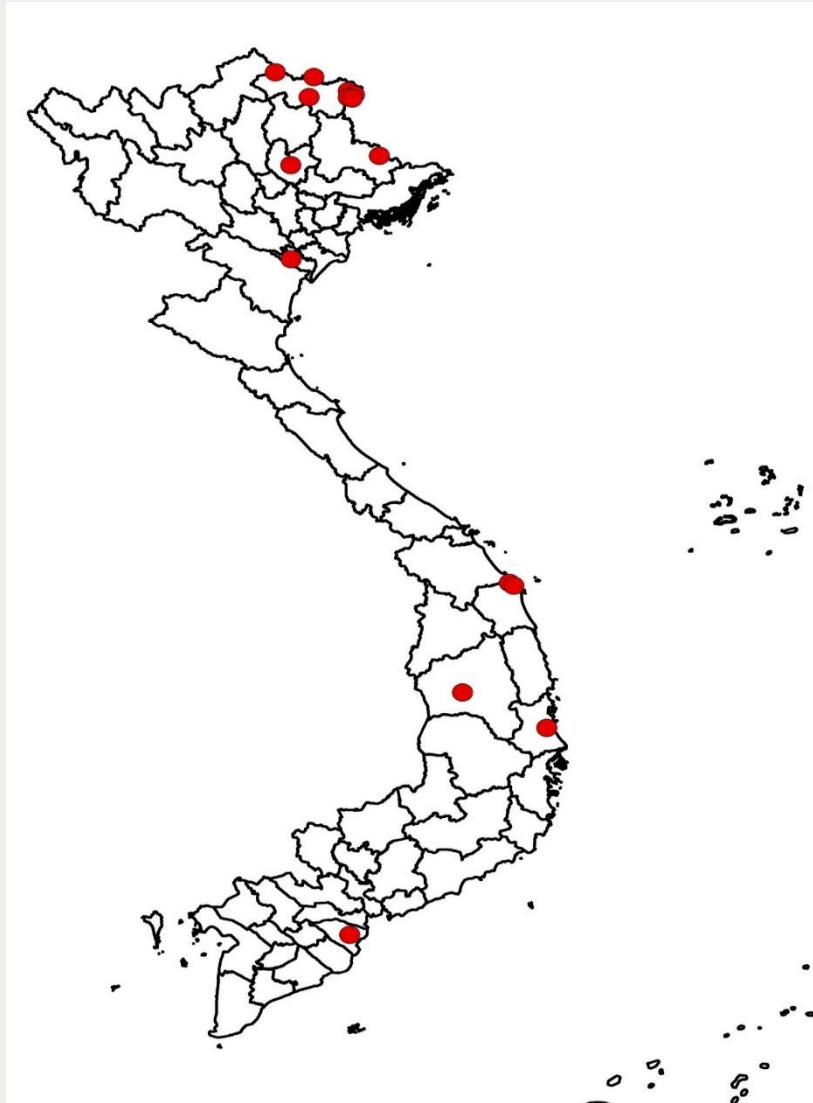


## SITUATION OF FMD DISEASE IN 2023

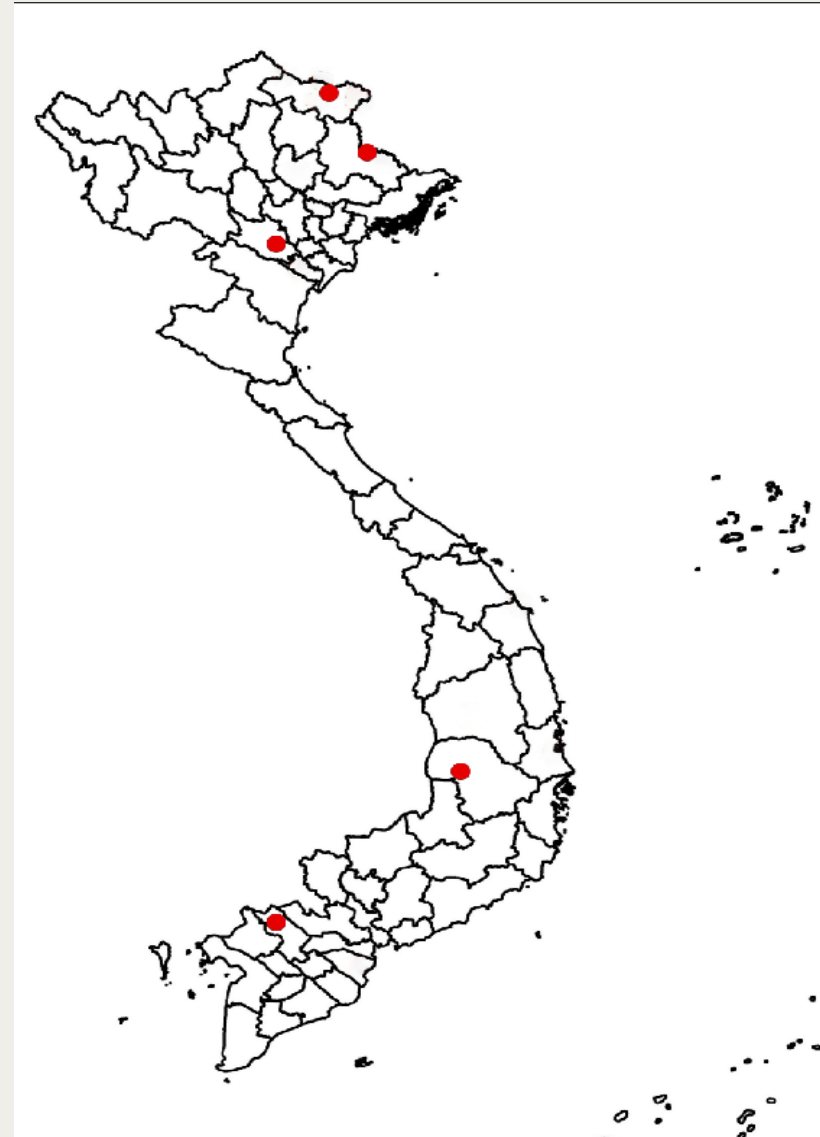
STT	Number of provinces with disease	Number of Districts s with disease	Number of Communes with disease	Number of Outbreak	Total Illness	Total death	Total death and Destroy
1	Ninh Bình	1	1	1	1	0	0
2	Cao Bằng	5	10	10	321	17	17
3	Lạng Sơn	2	2	2	130	4	8
4	Hòa Bình	1	1	1	110	54	54
5	Thái Nguyên	1	1	1	6	0	0
6	Đắk Lắk	1	1	1	1	1	1
7	Sơn La	2	2	2	228	0	0
8	Đồng Tháp	1	1	1	27	5	5
9	Quảng Ngãi	1	2	2	32	0	0
10	Phú Yên	1	1	1	21	3	3
11	Gia Lai	1	1	1	13	0	0
12	Bến Tre	1	1	1	3	0	0
	<b>Total</b>	<b>18</b>	<b>24</b>	<b>24</b>	<b>893</b>	<b>84</b>	<b>88</b>



# Distribution of FMD Disease



**FMD 2023  
(Jan – Jun)**



**FMD 2023  
(Jul – Dec)**



## Measures to prevent and control Disease

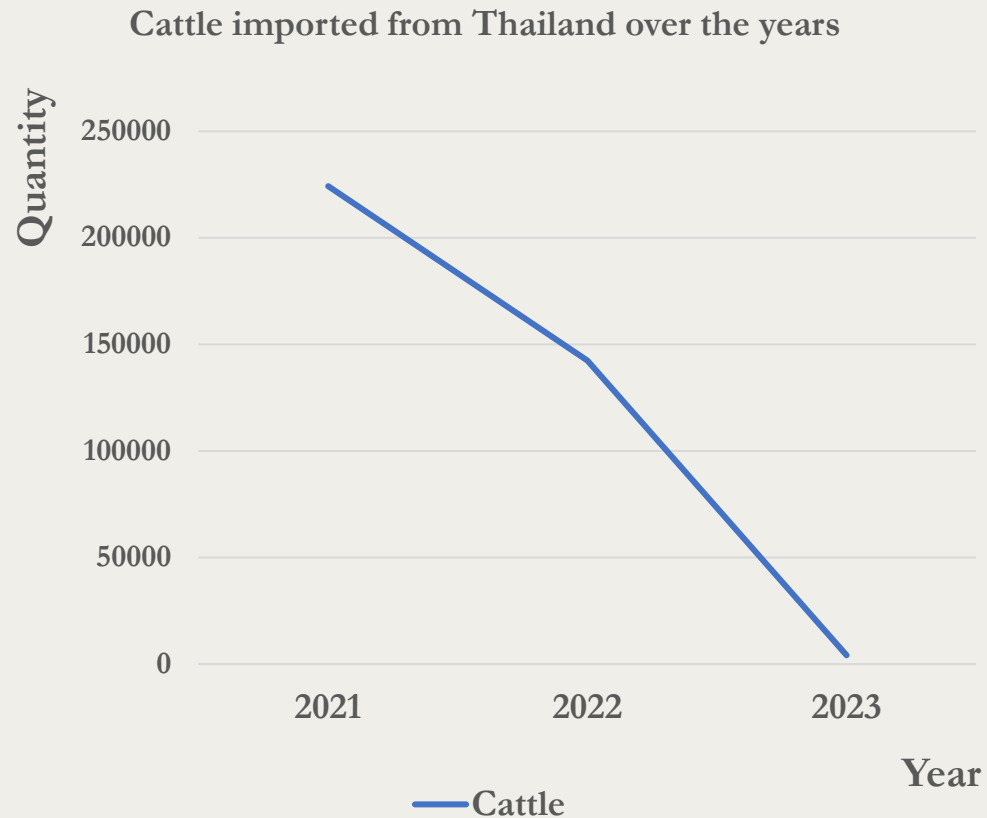
- ❖ Implement the "National program for FMD prevention and control for the period 2021-2025" approved by the Prime Minister (Decision No. 1632/QĐ-TTg dated October 22, 2020)
- ❖ Use online reporting platform Vietnam Animal Health Information System (VAHIS) nationwide.
- ❖ Animals targeted for vaccination focus on cattle, buffaloes, sows and boars. Additionally, based on FMD epidemiological characteristics and local resources, provincial animal health authority to report and advise the local government to consider and decide on the use of vaccine for other types of animals if found appropriate. Priority will be placed on high antigen payload vaccines (> 6PD50) with 2 vaccination rounds a year, 6 months apart and ensure the achievement of at least 80% coverage to the eligible population.
- ❖ FMD monitoring and surveillance (Clinical sign surveillance (passive surveillance); viral surveillance (active surveillance); and post-vaccination monitoring.
- ❖ Promulgate Public Power No. 694/CĐ-TTg dated on 01/8/2023 issued by the Prime Minister on preventing, detecting and strictly handling cases of illegal trade and transportation of pigs across the border into Vietnam.
- ❖ Establishment of FMD free establishments and zones.



## PRICES OF LIVESTOCK PRODUCTS (AT FARMS) IN VIETNAM ON APRIL 9, 2024 *(Source: channuoivietnam.com)*

Product's name	Unit	Price on April 9, 2024	Average price for the month	Compare with previous month		Compare with previous year	
		(USD)	(USD)	(USD)	(%)	(USD)	(%)
Live Pork (North Provinces)	USD/kg	2,38 – 2,42	2,34	0,07	3.2	0,39	20.1
Live Pork (Middle Province)	USD/kg	2,3 - 2,34	2,31	0,11	5.1	0,36	18.3
Live Pork (East southern Province)	USD/kg	2,38 – 2,42	2,38	0,19	8.5	0,40	20
Live Pork (West southern Province)	USD/kg	2,34 – 2,42	2,38	0,17	7.9	0,38	19.3
Beef	USD/kg	2,56 – 2,76					
Buffalo	USD/kg						
Goat/Sheep	USD/kg						

## Import trends on livestock and livestock products among the Upper Mekong countries (Laos, Myanmar, Thailand, Vietnam, and China)



Over the years, Vietnam import Cattle and Buffalo from Thailand





## **1, Risk analysis for imported terrestrial animals, animal products (Article 43 of Vet. Law)**

- Animals, animal products on the List of terrestrial animals and animal products subject to risk analysis before importing into Vietnam must be analyzed the risks of diseases.
- The Department of Animal Health shall conduct risk analysis on the basis of information provided by the veterinary competent authority of the exporting country and other relevant information resources.
- Based on the results of risk analysis, the Department of Animal Health shall decide the importation of animals and animal products.

## **2, Requirements for animals:**

- Healthy animals, derived from areas/zones, establishments recognized as specific infectious disease free regulated by the World Organization for Animal Health and Vietnam;
- There is a animal health/animal product Certificate issued by the competent authorities of exporting country meeting veterinary hygiene requirements of Vietnam.

## **3, Requirements for animal products used as food:**

- Derived from animals meeting conditions: Healthy animals, derived from areas/zones, establishments recognized as specific infection disease free;
- There is a animal product Certificate issued by the competent authorities of exporting country meeting veterinary hygiene requirements of Vietnam;
- Being slaughtered, pre-processed, and processed in the establishments registered for exporting to Vietnam;

## **4, Transports**

Animal/ Animal product must be translate in appropriated way to avoid contamination with agent of disease and toxic chemicals.

## Export trends on livestock and livestock products among the Upper Mekong countries (Laos, Myanmar, Thailand, Vietnam, and China)



In the upper countries of the Mekong, the majority of buffalos, cows, and pigs in Vietnam are exported to China



1. Animals, animal products must be quarantined and issued Animal/Animal product health certificate as requirement of import countries.

2. Department of Animal Health shall conduct the quarantine and issue certificate in accordance with regulations of Vietnam and the requirements from import countries.

At the checkpoints, animals and animal products are also checked for dossiers, requirements of transportation for exported animals and animal products.

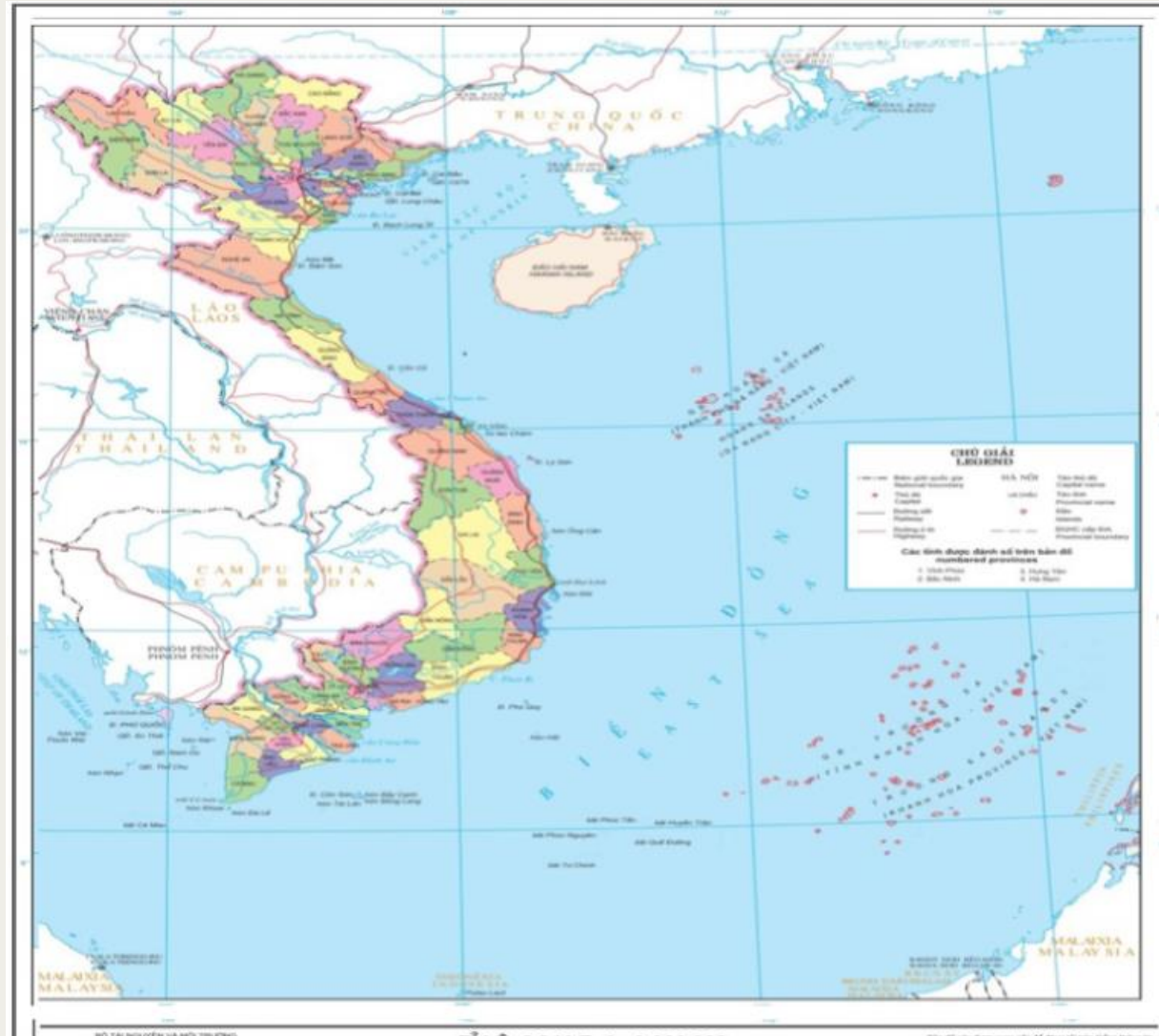
4. Quarantine dossiers of animals, animal products exporting, including:

a) An application for registration of quarantine;

b) Veterinary hygiene requirements of importing countries or good owners (if any);

c) Form of the animal health Certificate of the competent agency of importing countries (if any);

# Animal movement and trade patterns in Vietnam



# The animal movement and trade patterns across borders





## Information on official import/export border control checkpoints for livestock and livestock products



Quarantine Station	Location at Province	To Country
Noi Bai	Ha Noi	The World
Lach Huyen	Hai Phong	The World
Nam Can	Nghe An	Laos
Cau Treo	Ha Tinh	Laos
Cha Lo	Quang Binh	Laos
Lao Bao	Quang Tri	Laos
Bo Y	Kon Tum	Laos
Tan Son Nhat	Ho Chi Minh	The World
Cat Lai	Ho Chi Minh	The World
Vung Tau	Ba Ria Vung Tau	The World
Binh Hiep	Long An	Cambodia
Moc Bai	Tay Ninh	Cambodia
Phu Quoc	Kien Giang	The World
Ha long	Quang Ninh	The World
Mong Cai	Quang Ninh	China
Kim Thanh	Lao cai	China
Ban Vuoc	Lao cai	China
Muong Khuong	Lao cai	China
Lao cai	Lao cai	China
Tan Thanh	Lang Son	China
Phu Na hinh	Lang Son	China
Binh Nghi	Lang Son	China
Co ma	Lang Son	China
Coc Nam	Lang Son	China
Na Nua	Lang Son	China
Huu Nghi	Lang Son	China
Bao Son	Lang Son	China
Dong Dang	Lang Son	China



## **List Bilateral collaborations/Agreements (Country, Livestock, and Livestock product's type) among Upper Mekong countries (Laos, Myanmar, Thailand, Vietnam, and China)**

- The Memorandum of Understanding on requirements for the construction of FMD free zones using vaccines between the Ministry of Agriculture and Rural Development and the General Administration of Customs of China was signed on December 12, 2023;
- Memorandum of cooperation on agriculture (content on animal disease prevention and control) was signed by the Ministry of Agriculture and Rural Development and the People's Government of Zhuang Autonomous Region, Guangxi, China on December 16, 2023;
- Border trade agreement between the government of the socialist republic of Vietnam and the government of the lao people's democratic republic was signed on march 3, 2015.



country projects supporting safe trade facilitation, including donors, partners, and engagement with livestock traders:

- DECISION NO. 1632/QD-TTG OF THE PRIME MINISTER: ON APPROVING THE "NATIONAL PROGRAM TO PREVENT AND CONTROL FOOT-AND-MOUTH DISEASE, PERIOD 2021 – 2025”
- DECISION NO. 889/QD-TTG OF THE PRIME MINISTER: ON APPROVING THE "NATIONAL PLAN TO IMPLEMENT KEY TASKS TO STRENGTHEN THE CAPACITY TO MANAGE AND CONTROL ANIMAL DISEASES AND ENSURE FOOD SAFETY." PRODUCTS OF ANIMAL ORIGIN, PERIOD 2023 – 2030”
- DIRECTIVE NO. 29/CT-TTG OF THE PRIME MINISTER: ON PREVENTING SLAMMING AND ILLEGAL TRANSPORTATION OF ANIMALS AND ANIMAL PRODUCTS; GOOD CONTROL OF DISEASE, DEVELOPMENT OF SUSTAINABLE LIVESTOCK PRODUCTION, ENSURE FOOD SUPPLY



## **key activities at the border control checkpoints specifically for Foot-and-Mouth Disease (FMD) prevention and control**

- a) Checking the quarantine declaration dossier, animal health or animal product status; if the dossier is valid, animals have no sign of infectious diseases, shall certified for carrying out procedures and transport animals to quarantine areas that have been inspected and eligible for isolation quarantine;
- b) Monitoring animals or animal product in quarantine areas that have been inspected and eligible for isolation quarantine; the duration for tracking quarantine depending on animal species, each disease will be checked, but not more than 45 days from the starting day of isolating for quarantine.
- c) Taking samples for disease testing, applying mandatory disease prevention measures for animals as regulated;
- d) Issue the animal/animal product health certificate for imported animals or animal product that meet requirements;
- e) Provide guidance for good owners implementing of hygiene measures, cleaning and disinfection;
- f) In the case of animals, animal products are not satisfactory, make records and dealt with according to related laws.



## Cross border trade challenges in Upper Mekong Region:

- There has not been a general agreement on the import and export process of animals and animal products between upper Mekong countries.
- The borders between countries are long and have many open trails, making it difficult to control the transport of animals and animal products. Therefore, there is much illegal trade across borders between countries, raising disease.





## SOLUTIONS

- Vietnam agree in control illegal trade, establish disease free zone and compartmentalization.
- Continue use high potency FMD vaccine (>6PD50) on cattle, pigs for livestock farms.
- FMD monitoring; active and passive surveillance; post-vaccination monitoring and outbreak response.
- Establish disease-free zone and compartmentalization for livestock and poultry for the purpose of exportation and local consumption (Decision No. 889/QĐ-TTg dated on 25/7/2023 of Prime Minister).



## Future activities 2024-2025 :

- Organize periodic meetings between upper countries of the Mekong to exchange information on epidemics and trade in animals and animal products.
- Develop a strategy to control the movement of animals between countries sharing a common border.



Thank you for your attention