



Viet Nam: One Health efforts to address the threats at the human-animal-ecosystem interface

ZOONOSES SITUATION

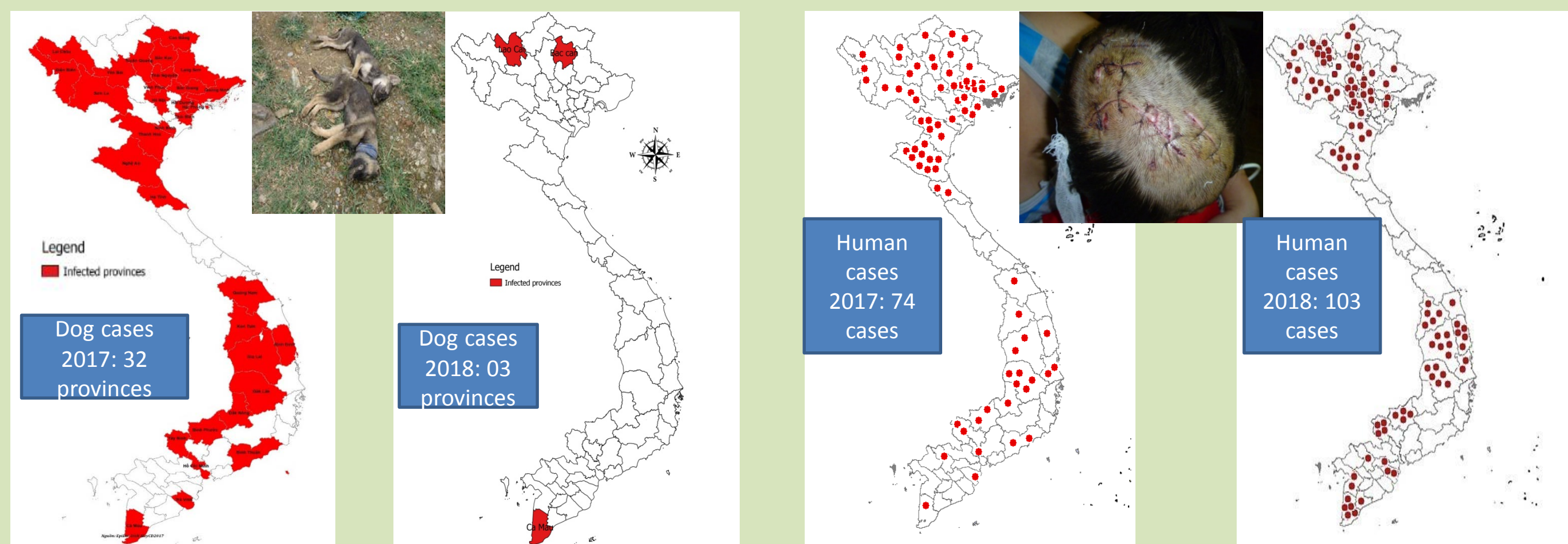
The top 5 priority zoonotic diseases in Vietnam:

- Highly pathogenic avian influenza
- Rabies
- Streptococcus suis
- Anthrax
- Leptospirosis

Highly pathogenic avian influenza

Year	No. of Province	No. of District	No. of commune	No of infected pountry	No of human case
2017	21	31	40	50.316	0
2018	4	5	6	16.846	0

Rabies



AMR: Progress and Updates

Launching the National Action Plans on AMR for 2013-2020 involving **Four Government Key Sectors:** Ministry of Health, Ministry of Agriculture and Ministry of Natural Resources and Environment (MONRE), Ministry of Industry and Trade (MONIT).

1. Progress:

- Establish National Steering Committee on AMR apply OH approaches.
- Set up the national AMR surveillance unit which under the MOH.
- MARD issue the national plan on antibiotic management in agricultural sector.
- Develop the legislation and technical documents
- Building capacity for health staff on biology and antibiotic using
- Rising public awareness via public media, communication campaign...



2. Gaps and challenges

- Activities focus more on AMR in clinical setting.
- Addressing community AMR, especially surveillance system, is under discussion.
- Roles and responsibilities of the ministries beyond MOH and MARD is should be clarified.
- Surveillance data is not sufficient and need to improve.
- Limited resources allocated in human resource and fund required a coordinated planning including international partners.

Vietnam is considering not only a hot spot of AMR but it is posing a significant public health threats (clinical surveillance data show that more than 4.000 bacteria types have resistant gene with the Carbapenem last antibiotic class).

ACCOMPLISHMENTS RELEVANT TO THE 2017 WORKSHOP RECOMMENDATIONS

- Conduct the pilot of **Joint Risk Assessment** for zoonotic diseases (2019).
- Development of National Plan for **IHR (2005) Implementation** in Viet Nam (2018-2022).
- Implementation of National Action Plans on **Avian influenza (2019-2025), Rabies (2017-2021) and AMR (2013-2020)**.
- Country assessments to identify priorities for national action (**JEE, PVS, HSFAT**); Results of the **WHO's JEE** on the prevention and control capacity for zoonotic diseases: level **3 - 4** (demonstrated competence).
- Successfully hosted **3rd Zoonotic Disease Action Package (ZDAP) International Conferences** (2017), **ASEAN-Tripartite Rabies Conference** (2018) in the role of lead country.
- **Global ZDAP Strategic Plan** updated with inputs from ZDAP member countries.
- Development of the surveillance **SOPs for zoonotic diseases:** Avian Influenza, Rabies, Streptococcus suis infection.
- Operation of **National Reference Labs** (Influenza, Rabies, Anthrax).
- Launching of the **Vietnam Animal Health Information System (VAHIS)**.
- Operation of 05 national and regional (Public Health Emergency Operations Centers) **PHEOCs** (02 offices to be inaugurated in 2018). Expand the PHEOC system to provincial level in order to respond to emergencies at source.
- Establishment of **animal disease-free zones** serving production for export.
- Enhanced **indicator-based surveillance and Event-based surveillance (EBS)** for infectious diseases.
- **2018 Vietnam Annual One Health Forum** organized.
- **FETP:** Field Epidemiology Training Program since 2008: 50 FETP fellows, 564 trainees of FETP short courses. **AVET:** Applied Veterinary Epidemiology Training since 2009: 205 fellows.

Way Forward for Multi-sectoral Collaboration Exploring New Horizons

- Advocacy in setting up an **appropriate OH coordination mechanism** to engage the government participation.
- Clarification of roles and responsibility among all ministers, strengthen coordination especially **enhance MONRE involvement**.
- Expand the **OH coordination mechanism to local level**.
- Promote the implementation of the **Joint Circular between MOH and MARD on zoonotic diseases prevention and control**.
- Enhance the **multisectoral collaboration to control rabies** toward elimination in Vietnam.
- Rolling out **National Ation Plan of IHR**, currently in the process of official endorsement.
- Investigation of new opportunities to continue national efforts and enhance international cooperation within the extended framework of the **Global Health Security Agenda to 2024**.
- Contribute to international **ZDAP coordination and communications efforts** (Global ZDAP Strategic Plan, ZDAP Coordination Mechanism).
- Utilize and enhance **PHEOC for One Health activities**.
- Implementation of simulation exercises and online **Epi-Lab information sharing**; Implement nationwide **EBS surveillance**.
- Enhance epidemiology, **One Health** pre-service and in-service education & training programs.
- Continues to promote One Health collaboration and movements in upcoming period, as per agreement on **ASEAN Coordinating Centre for Animal Health and Zoonoses (ACCAHZ)**.