



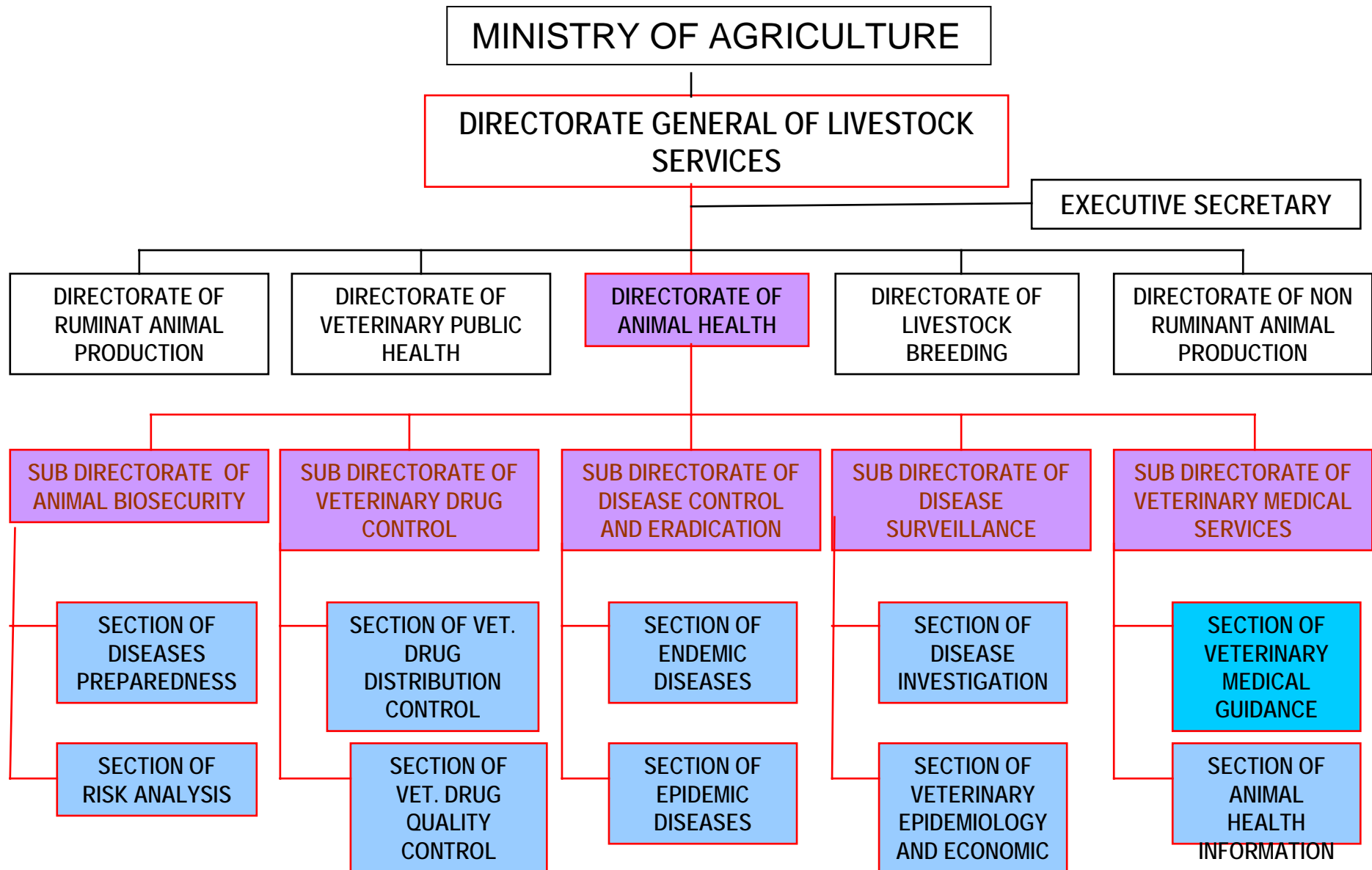
National disease notification system and legislation and its enforcement on HPAI

INDONESIA

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Ministry of Agriculture

I Institutional Framework of National Animal Health Administration



I Institutional Framework of National Animal Health Administration

NUMBER OF VETERINARIANS AND OTHER ANIMAL HEALTH PERSONNEL

NO.	VETERINARIANS		AUXILIARY PERSONNELS	
	1.	Central government	258	▣ Animal health assistance including Para vets
2.	Local government	750		
3.	Others (labs, universities, private practitioners, army, technical services)	2841	▣ Food hygiene and meat inspector	50
	TOTAL	3849	TOTAL	2050

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NUMBER OF VETERINARY LABORATORIES AND ANIMAL HEALTH POST

NO	LABORATORIES	
1.	<p>Regional Disease Investigation Centres</p> <ul style="list-style-type: none">- Disease Investigation Centre Regional 1 Medan, North Sumatra- Disease Investigation Centre Regional II Bukittinggi, West Sumatra- Disease Investigation Centre Regional III Bandar Lampung,- Disease Investigation Centre Regional IV Wates, Yogyakarta- Disease Investigation Centre Regional V Banjar Baru, South Kaliman- Disease Investigation Centre Regional VI Denpasar, Bali- Disease Investigation Centre Regional VII Maros, South Sulawesi- Disease Investigation Centre Regional VIII Subang, West Java	8

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NO	LABORATORIES	
2	Provincial Veterinary laboratories	28
3	District Veterinary Laboratories	
4	National Veterinary Drug Assay Laboratory, Bogor	1
5	Quality Control Laboratory for Livestock Product, Bogor	1
6	Feed Quality Control Laboratory, Bekasi	1
7	Centre for Veterinary Biological Product, Surabaya	1
8	Research Institute for Veterinary Science, Bogor	
9	Animal Health Posts	574

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SCHOOLS OF VETERINARY MEDICINE

NO	SCHOOLS OR UNIVERSITIES	
1.	University of Syah Kuala, Nangroe Aceh Darussalam	5
2	Bogor Institute of Agriculture, Bogor, West Java	
3	University of Gajah Mada, Yogyakarta	
4	University of Airlangga, Surabaya, East Java	
5	University of Udayana, Denpasar, Bali	

II National disease notification system

1 Legislation support:

(1) **Law No. 18/2009: *Livestock and Animal Health***

(2) **Law No. 16/1992: *Animal, Fish and Plant Quarantine***

(3) **Government Regulations**

- No. 15/1977 : Repulsion, Prevention, Eradication and Medication of Animal Diseases
- No. 22/1983 : Veterinary Public Health
- No. 82/2000 : Animal Quarantine

(4) **Decrees of Ministry of Agriculture**

- No. 487/Kpts/Um/6/1981 : Prevention, Eradication, and Medication of Animal Diseases
- No. 96/Kpts/PD.620/2/2004 : Declaration of HPAI outbreak in Provinces of Indonesia

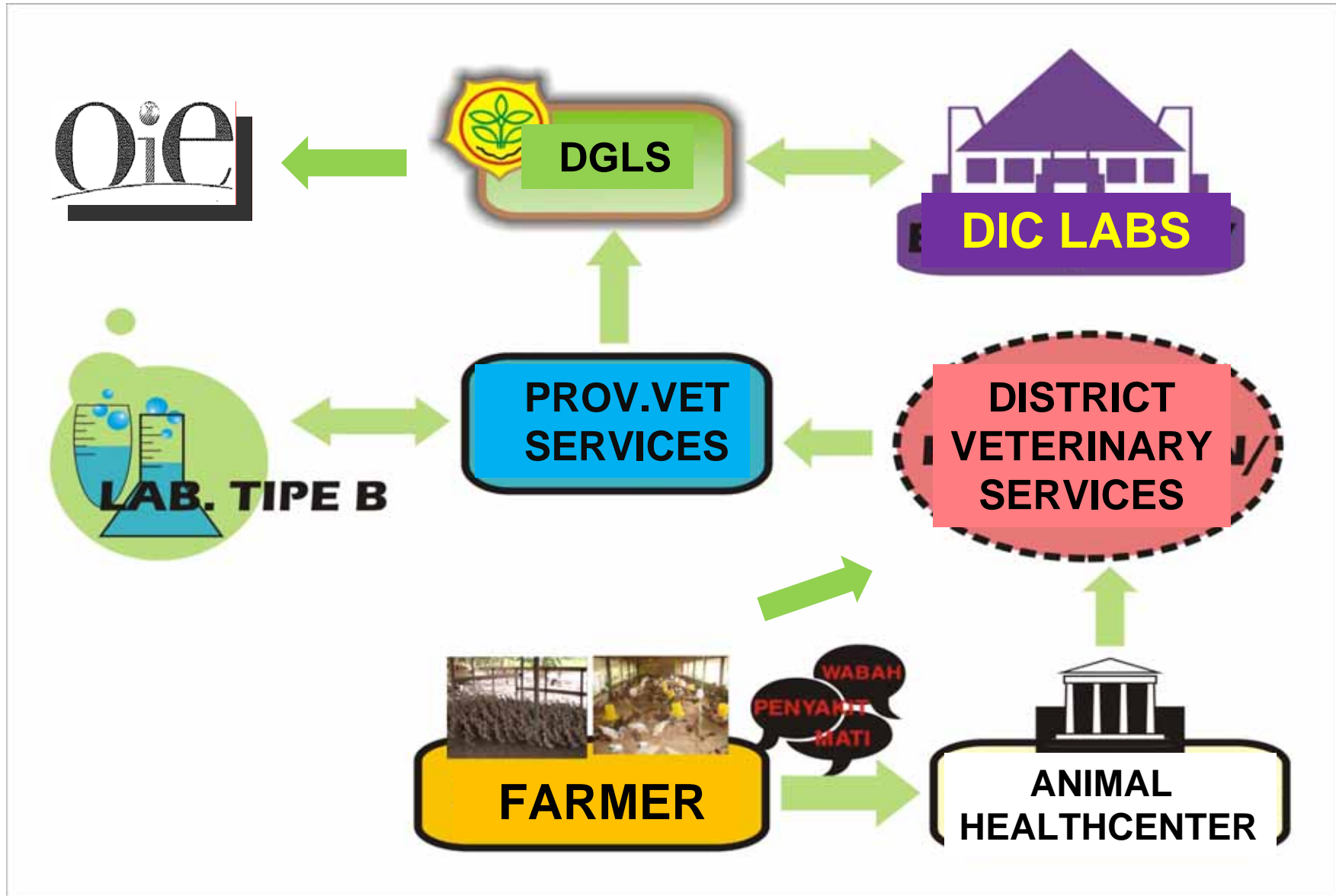
II National disease notification system

Notifiable diseases

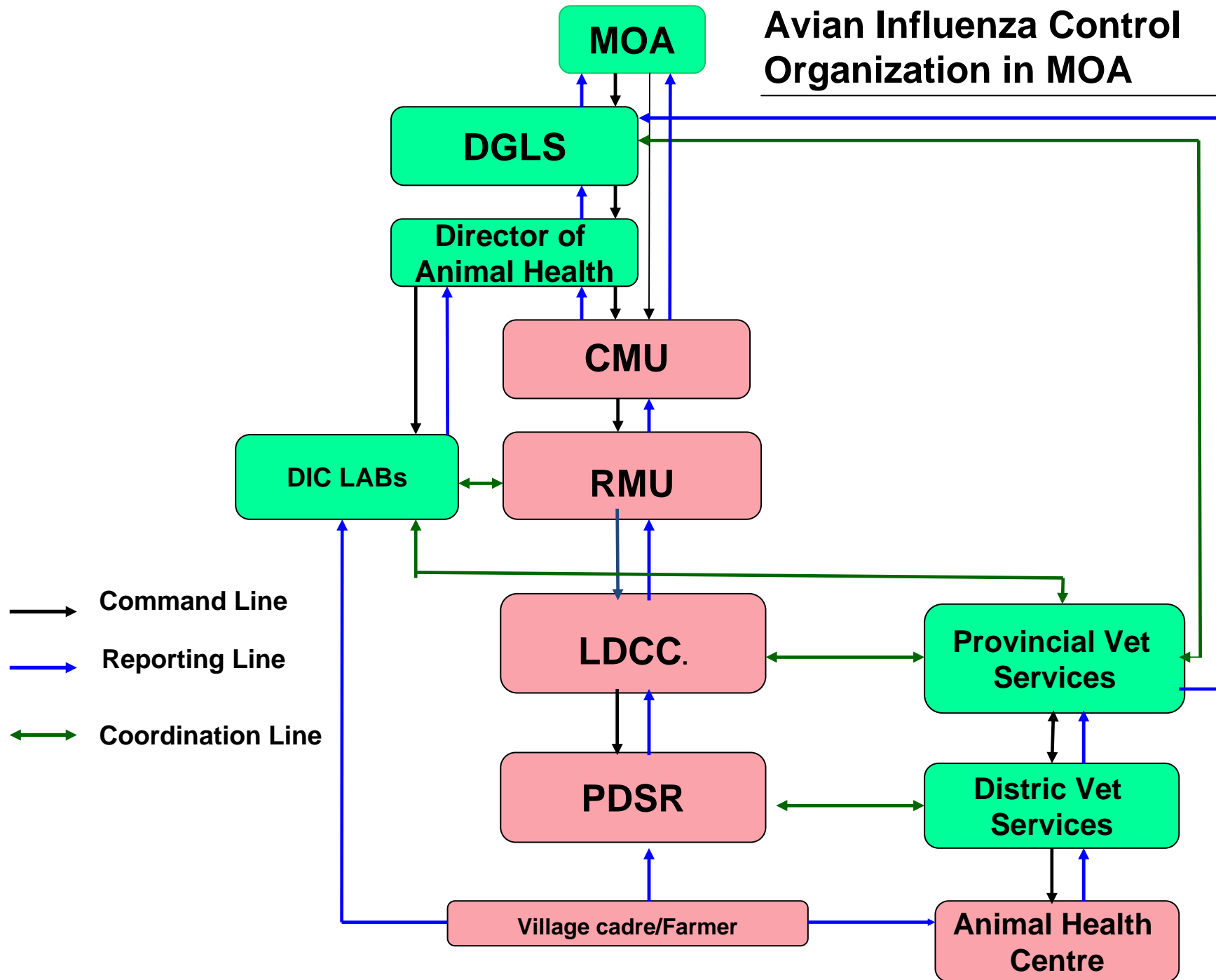
1.	Rabies	Dog, Cat etc
2.	Brucellosis	Cattle, Buffalo
3.	Anthrax	Ruminant
4.	Jembrana	Bali cattle
5.	Bovine Viral Diarrhea	Cattle
6.	Septicemia Epizooticae	Cattle, buffalo
7.	Infectious Bovine Rhinotracheitis	Cattle
8.	Hog Cholera	Pig
9.	New Castle Disease	Poultry
10.	Infectious Bursal Disease	Poultry
11.	Salmonellosis	Poultry
12.	Trypanosomiasis	Ruminant
13.	Avian Influenza	Poultry

II National disease notification system

Information flow on animal disease notification



Avian Influenza Control Organization in MOA



II National disease notification system

4 To ensure/achieve early detection and early notification:

(1) Direction and Prioritized issues/constraints to be addressed:

- Not all districts or provinces notify outbreak events to the authority regularly*
- Participation of private industry in disease reporting is low*
- Farmer/poultry owner are reluctant to report the disease*
- Lack of human resources in the field*

(2) Possible solutions and issues to be considered:

- Encourage local govt to send disease reports regularly otherwise sanction given ---Law No. 18/2009*
- Compensation should be given to farmer following depopulation*
- Law enforcement*

III Actual HPAI control and Prevention Measures

1 Legislation support

- (1) Law No. 18/2009 : Livestock and Animal Health
- (2) Presidential Decree No. I/2007 : Control of Avian Influenza
- (3) Govt Regulation No. 487/Kpts/Um/6/1981 : Prevention, Eradication, and Medication of Animal Diseases
- (4) DG of DGLS Decree: No. 96/Kpts/PD.620/2/2004 : Declaration of HPAI outbreak in Provinces of Indonesia
- (5) SOP : Standard Operating Procedures of HPAI Control

2 Basic National Policy on HPAI Control and Prevention

National Strategic Work Plan for the Progressive Control of HPAI in Animals 2006-2008/2009-2011

National Strategic Work Plan for the Progressive Control of HPAI in Animals 2009-2011

9 Elements

- Program management
- Enhance control the disease
- Surveillance and epidemiology
- Laboratory services
- Quarantine and movement control
- Regulation
- Communication, Information and Education
- Research and development
- Poultry industry restructuring

III Actual HPAI control and Prevention Measures

3. Principal HPAI Control and Prevention Measures:

(1) Categories of measures:

- 1.Improvement of biosecurity
- 2.Vaccination in infected and high risk areas
- 3.Depopulation (selective culling) and compensation
- 4.Control movement of live poultry, poultry products and farm waste
- 5.Surveilliance and tracing back
- 6.Restocking
- 7.Stamping out in newly infected areas
- 8.Public awareness
- 9.Monitoring and evaluation

III Actual HPAI control and Prevention Measures

(2) Implementing/responsible organizations

1. **Improvement of biosecurity** – *DGLS (training, disinfectant, sprayer) – sector 4, Private sectors (industry)*
2. **Vaccination in infected and high risk areas** – *DGLS (Vaccines, PPE, syringes), Local Govt (Operational cost, Vaccines, Operator)*
3. **Depopulation (selective culling) and compensation** – *DGLS (SOP, Compensation), Local Govt (HR)*
4. **Control movement of live poultry, poultry products and farm waste** – *Local Govt, Animal Quarantine*
5. **Surveillance and tracing back** – *DGLS (SOP, Labs), Local Govt*
6. **Restocking** - *Farmer*
7. **Stamping out in newly infected areas** – *DGLS, Local Govt*
8. **Public awareness** – *DGLS*
9. **Monitoring and evaluation** - *DGLS*

III Actual HPAI control and Prevention Measures

4 To ensure an effective and efficient implementation of HPAI control and prevention measures:

(1). **Constrains in the implementation of AI control programme**

- Existence of Veterinary authority in the province/district (autonomy era)
- Weakness of veterinary services infrastructure, limited financial resources and inadequate capacity
- Lack of coordination among institutions
- Lack of capacity on early detection, early response and early reporting
- Low participation of farmer and industry in the prevention of sick birds trade
- Inadequate compensation fund
- Compensation value per head less than market price
- Lack of collaboration with private sectors

III Actual HPAI control and Prevention Measures

4 To ensure an effective and efficient implementation of HPAI control and prevention measures:

(2) Possible solutions and issues to be considered

- Strong and consistent commitment;
- Law enforcement;
- Strengthening veterinary structure;
- Compensation should be available at the adequate value;
- Recruiting more human resources;
- Improving coordination among institutions and private sectors;
- Improving collaboration with international donor. All control program should be based on our need

III Actual HPAI control and Prevention Measures

Summary of HPAI surveillance on Wild Birds

- Collaboration between DGLS and WCS (Wildlife Conservation Society)
 - Species : *dendrocygna arcuata*, *charadrius mongolus*, *tringa totanus*, *tringa cinereus*, *tringa hypoleucos*, *charadrius leschenaultii*, *pluvialis fulva*, *sterna sterna hirundo*, *chlidonias hybridus*, etc
 - Results : Most samples are negative HPAI only few samples positive H5



A young child with dark hair and large eyes is holding a black chicken with a red comb. The child is wearing a white shirt with blue polka dots. The background is slightly blurred, showing other people and a blue structure.

Thankyou

*Towards Safer Community to
Animal and Human*