

Member's update on Avian Influenza (AI)

[Republic of Korea]

Kim Woong-Tae, Deputy Director

AI and Small Animal Health Control Division, MAFRA

22 – 23 July 2025

Tokyo, Japan

HPAI Outbreak in Republic of Korea

1. Number of Infected Poultry Farms

- 2024/2025 Winter Season : 47 Cases (Oct 2024 ~ Apr 2025)
- 2025 Summer Season : 2 Cases (June 2025)

2. Detection of Infected Wild Birds

- Winter Season : 43 Cases (Oct 2024 ~ Mar 2025)

3. Detection of Infected Wild Mammals

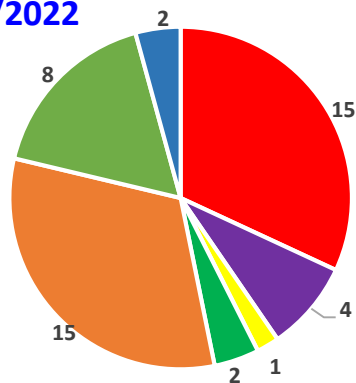
- Leopard Cat 1 Cases (Mar 2025)

	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
Poultry Farms	109	47	75	32	49
Culled	29.9 million	7.3 million	6.6 million	3.6 million	6.7 million
Wild birds	234	67	174	19	43
Serotype	H5N8	H5N1	H5N1	H5N1,H5N6	H5N1

HPAI Outbreaks in Republic of Korea

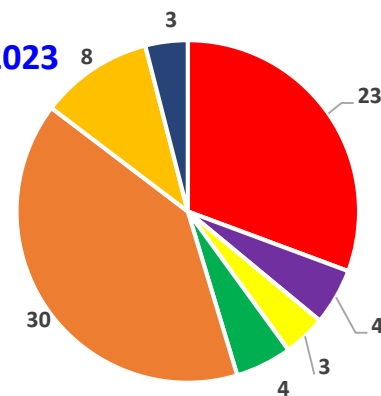
• Species of Poultry Infected with HPAI by Year

2021/2022



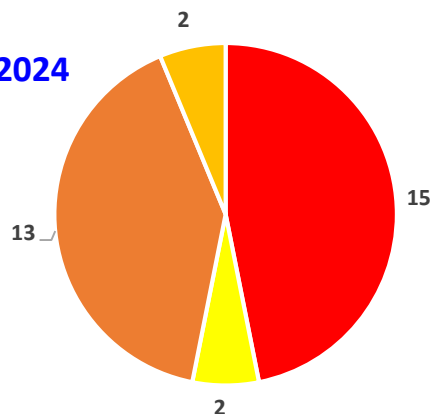
■ Layer chickens ■ Broilers ■ Breeding chickens ■ Native chickens
■ Broiler ducks ■ Breeding ducks ■ And so on

2022/2023



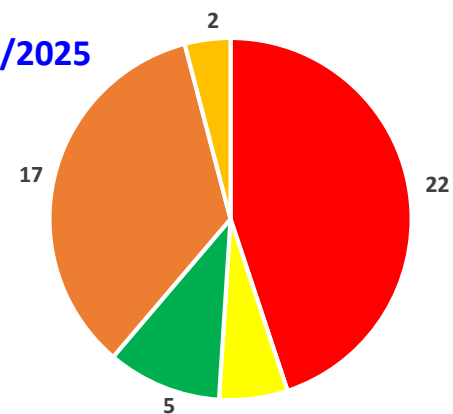
■ Layer chickens ■ Broilers ■ Breeding chickens ■ Native chickens
■ Broiler ducks ■ Breeding ducks ■ And so on

2023/2024



■ Layer chickens ■ Breeding chickens ■ Broiler ducks ■ Breeding ducks

2024/2025

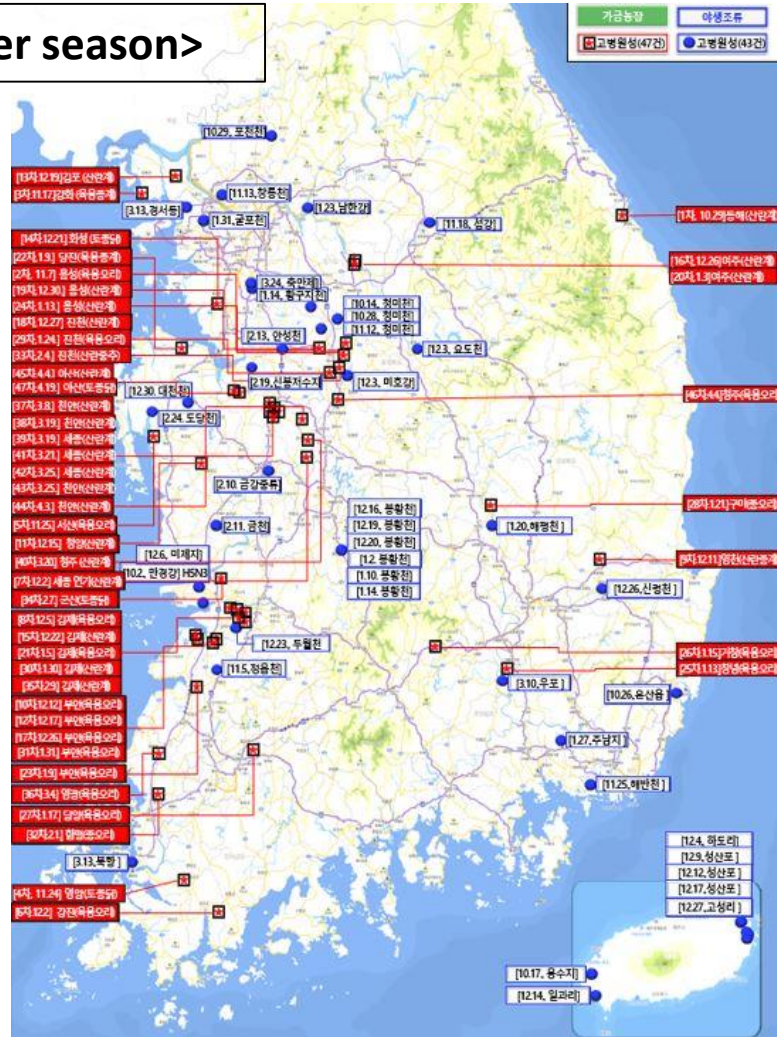


■ Layer chickens ■ Breeding chickens ■ Native chickens
■ Broiler ducks ■ Breeding ducks

HPAI Outbreak in Republic of Korea

- HPAI outbreak Map in Poultry and Wild Bird (2024/2025)

< Winter season >



< Summer season >

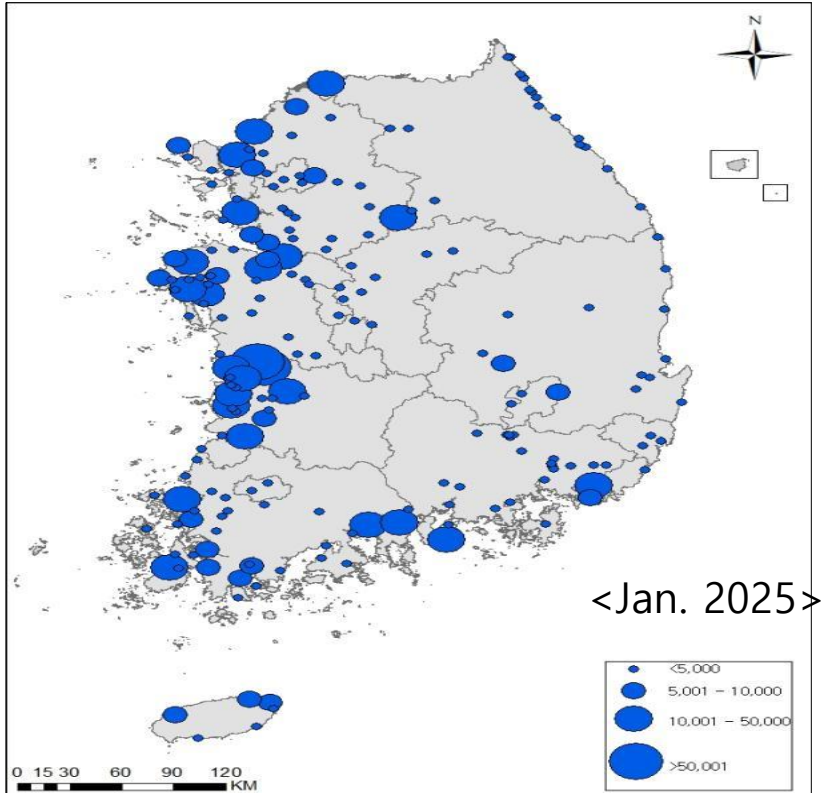


HPAI Outbreaks in Republic of Korea

- Current Status of Wild Birds Habitat Surveys(2023~2025)

- Approximately No. of water birds (No. of survey spots)

	Oct	Nov	Dec	Jan	Feb	Mar
2023-2024	610,000 (112)	990,000 (112)	1,360,000 (200)	1,300,000 (200)	930,000 (112)	370,000 (112)
2024-2025	730,000 (150)	1,110,000 (150)	1,330,000 (200)	1,280,000 (200)	1,460,000 (200)	710,000 (200)



HPAI Outbreaks in Republic of Korea

- **Characteristics of HPAI Outbreaks in 2024/2025**

1. **Earlier** : The first outbreak occurred earlier than previous winter season (Oct. 2024)
2. **Wider** : The affected areas have expanded compared to previous season
3. **More birds** : The number of HPAI detections in wild birds has doubled(19→43)
4. **Later** : The migration of migratory birds has been delayed

National Prevention and Control Plan for HPAI

- **Prevention Measures for HPAI**

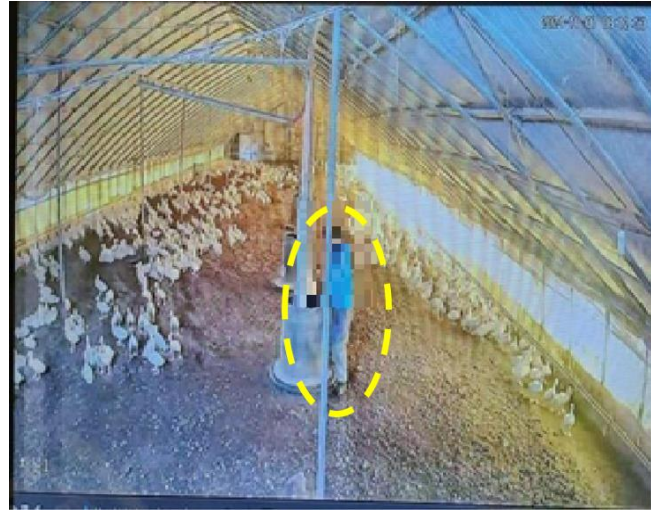
- Special HPAI Control Period is implemented during the every winter season (from Oct. to Feb.)
- All poultry farms are required to biosecurity inspection by veterinary officials before October to strengthen biosecurity measures
- Prohibition on broiler duck breeding in high-risk areas during winter season to reduce the density of the duck farms and the risk of HPAI outbreaks
- Poultry integration business operators and local governments establish and operate their own biosecurity management programs to reduce the risk of HPAI outbreaks in integrated poultry farms

Lessons Learned from the HPAI Outbreak

- Key biosecurity failures at the 47 outbreak Farms during 2024/2025
 - Fail to disinfect visitors and lack of use of private protective equipment for biosecurity in poultry house (37 farms, 79%)
 - Inadequate measures to prevent entry of wild animals into poultry house (35 farms, 74%)
 - Fail to disinfect vehicles entering the poultry house (31 farms, 66%)

Lessons Learned from the HPAI Outbreak

- Key biosecurity failures at the 47 outbreak Farms during 2024/2025



Challenges and Solutions in Implementing National Plan

Challenges	Solutions
<ul style="list-style-type: none">Minimize HPAI Outbreak	<ul style="list-style-type: none">Strengthening active surveillance for early detection of HPAIIncrease biosecurity level of the poultry farms against HPAI outbreakStrengthening the awareness and compliance of the farms with the crucial biosecurity rules.

Thank you

Kim Woong-Tae, Deputy Director
AI and Small Animal Health control Division, MAFRA
kimwt@korea.kr

