

Follow-up report 4

25/02/2022

The event is ongoing. Weekly follow-up reports will be submitted.

Sender	Country/territory	Report ID
Delegate of Nepal	Nepal	FUR_154319
Event status	Self-declaration	
On-going	No	

General information

Country or zone - Country	Disease - High pathogenicity avian influenza viruses (poultry) (Inf. with)	Started on - 17/01/2022
Animal type - Terrestrial	Genotype/serotype/subtype - H5N1	Confirmed on - 25/01/2022
Causal agent - Highly pathogenic avian influenza virus	Disease category - OIE-listed	Reported on - 25/02/2022
Last occurrence - 03/09/2021	Reason - Recurrence of an eradicated disease	

Epidemiology

Source of the event or origin of the infection - Unknown or inconclusive

Epidemiological comments Wild birds like cranes and egrets have been seen near the farm where there is a small irrigation canal.

Control measures at event level

Domestic control measures

- Applied
- Stamping out
 - Quarantine
 - Official disposal of carcasses, by-products and waste
 - Surveillance outside containment and or the protection zone
 - Surveillance within containment and or the protection zone
 - Disinfection
 - Movement control inside the country
 - Official destruction of animal products

Wild control measures

Diagnostic

- Clinical signs - Yes
- Method of diagnostic
- Necropsy
 - Diagnostic test
 - Clinical

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	CENTRAL VETERINARY LABORATORY (CVL), tripureshwor National Laboratory	Birds	1	18/01/2022	25/01/2022	Positive
Real-time	Nucleic acid	Laboratory	CENTRAL	Birds	3	26/01/2022	27/01/2022	Positive

reverse transcription polymerase chain reaction (rRT-PCR)	detection	Test	VETERINARY LABORATORY (CVL), tripureshwor National Laboratory					
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	CENTRAL VETERINARY LABORATORY (CVL), tripureshwor National Laboratory	Birds	1	28/01/2022	01/02/2022	Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	CENTRAL VETERINARY LABORATORY (CVL), tripureshwor National Laboratory	Birds	4	02/02/2022	13/02/2022	Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	CENTRAL VETERINARY LABORATORY (CVL), tripureshwor National Laboratory	Birds	3	14/02/2022	21/02/2022	Positive

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Birds	New	12780	3542	3542	9238	0	0	-	-
Birds	Total	36769	10674	10674	26095	0	0	-	-
All species	New	12780	3542	3542	9238	0	0	-	-
All species	Total	36769	10674	10674	26095	0	0	-	-

Outbreaks

ob_97823-Tarkeshwor Municipality-1, Sanglachhap, Kathmandu

Started on - 30/01/2022

First administrative division - Central

Second administrative division - Bagmati

Epidemiological unit - Farm

Geographic coordinates -
27.773862,85.322118

Third administrative division - Kathmandu

Location - Tarkeshwor Municipality-1,
Sanglachhap, Kathmandu

Description of the affected population Backyard poultry and ducks

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	7960	210	210	7750	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	7960	210	210	7750	0	0

ob_96522-Katahari-7, Hurhuriya tole, Morang

Started on - 25/01/2022

First administrative division - East

Second administrative division - Koshi

Epidemiological unit - Farm

Geographic coordinates -
26.509568,87.391801

Third administrative division - Morang

Location - Katahari-7, Hurhuriya tole,
Morang

Description of the affected population Commercial Broiler, 4 weeks old

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	2000	450	450	1550	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	2000	450	450	1550	0	0

ob_96523-Lokhantari-1, Gramthan, Morang

Started on - 25/01/2022

First administrative division - East

Second administrative division - Koshi

Epidemiological unit - Farm

Geographic coordinates -
26.518308,87.310412

Third administrative division - Morang

Location - Lokhantari-1, Gramthan,
Morang

Description of the affected population Backyard poultry, 6 weeks old

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	2040	190	190	1850	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	2040	190	190	1850	0	0

ob_97821-Duhabi Municipality-3, Sonapur, Sunsari

Started on - 31/01/2022

First administrative division - East

Second administrative division - Koshi

Epidemiological unit - Farm

Geographic coordinates -
26.597972,87.279209

Third administrative division - Sunsari

Location - Duhabi Municipality-3, Sonapur,
Sunsari

Description of the affected population Commercial broilers and backyard poultry of various age groups

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	1600	765	765	835	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	1600	765	765	835	0	0

ob_96521-Budhiganga-5, Shishwa tole, Morang

Started on - 26/01/2022

First administrative division - East

Second administrative division - Koshi

Epidemiological unit - Farm

Geographic coordinates -
26.576515,87.318507

Third administrative division - Morang

Location - Budhiganga-5, Shishwa tole,
Morang

Description of the affected population Backyard poultry, 15 weeks old

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	550	500	500	50	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	550	500	500	50	0	0

ob_97354-Biratnagar metropolitan city-18, Morang

Started on - 30/01/2022 First administrative division - East Detailed characterization - -
Second administrative division - Koshi Epidemiological unit - Farm Geographic coordinates -
26.414534,87.310412
Third administrative division - Morang Location - Biratnagar metropolitan city-18,
Morang

Description of the affected population Backyard poultry, turkey, and ducks of various age groups

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	1357	140	140	1217	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	1357	140	140	1217	0	0

ob_98069-Kageshwori Manohara municipality-5, Kathmandu

Started on - 18/02/2022 First administrative division - Central Detailed characterization - -
Second administrative division - Bagmati Epidemiological unit - Farm Geographic coordinates -
27.74222,85.413889
Third administrative division - Kathmandu Location - Kageshwori Manohara
municipality-5, Kathmandu

Description of the affected population Backyard poultry and ducks of various age group

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	985	35	35	950	0	0
Birds	Total	Animal	985	35	35	950	0	0
All species	New	Animal	985	35	35	950	0	0
All species	Total	Animal	985	35	35	950	0	0

ob_96222-Gramthan-1, Khuniyakatta, Morang

Started on - 17/01/2022 First administrative division - East Detailed characterization - -
Second administrative division - Koshi Epidemiological unit - Farm Geographic coordinates -
26.521401,87.310642
Third administrative division - Morang Location - Gramthan-1, Khuniyakatta,
Morang

Description of the affected population Commercial layers, 70 weeks and 32 weeks old

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and	Slaughtered	Vaccinated
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						disposed of		
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	5160	3510	3510	1650	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	5160	3510	3510	1650	0	0

ob_98067-Tarkeshwor municipality-7, Kathmandu

Started on - 14/02/2022 First administrative division - Central Detailed characterization - -
 Second administrative division - Bagmati Epidemiological unit - Farm Geographic coordinates -
 27.76521,85.30923
 Third administrative division - Kathmandu Location - Tarkeshwor municipality-7,
 Kathmandu

Description of the affected population Backyard poultry and ducks of various age group

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	2995	30	30	2965	0	0
Birds	Total	Animal	2995	30	30	2965	0	0
All species	New	Animal	2995	30	30	2965	0	0
All species	Total	Animal	2995	30	30	2965	0	0

ob_98068-Bharatpur-8, Gauriganj, Chitwon

Started on - 18/02/2022 First administrative division - Central Detailed characterization - -
 Second administrative division - Narayani Epidemiological unit - Farm Geographic coordinates -
 27.638593,84.42631
 Third administrative division - Chitawan Location - Bharatpur-8, Gauriganj,
 Chitwon

Description of the affected population Backyard ducks and commercial layers of various age group

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	8800	3477	3477	5323	0	0
Birds	Total	Animal	8800	3477	3477	5323	0	0
All species	New	Animal	8800	3477	3477	5323	0	0
All species	Total	Animal	8800	3477	3477	5323	0	0

ob_97815-Gokarneshwor Municipality-3, Baluwa, Kathmandu

Started on - 26/01/2022 First administrative division - Central Second administrative division - Bagmati
 Epidemiological unit - Farm Geographic coordinates - Third administrative division - Kathmandu
 27.77049,85.3945
 Location - Gokarneshwor Municipality-3,
 Baluwa, Kathmandu

Description of the affected population Backyard poultry of various age groups

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	65	37	37	28	0	0
All species	New	Animal	-	-	-	-	-	-

All species	Total	Animal	65	37	37	28	0	0
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ob_97813-Rapti Municipality-6, Beldiya, Bhandara, Chitwon

Started on - 03/02/2022

First administrative division - Central

Second administrative division - Narayani

Epidemiological unit - Farm

Geographic coordinates -
27.592006,84.645371

Third administrative division - Chitawan

Location - Rapti Municipality-6, Beldiya,
Bhandara, Chitwon

Description of the affected population Commercial layers of 15 weeks old, backyard poultry, and ducks of different age groups

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Birds	New	Animal	-	-	-	-	-	-
Birds	Total	Animal	3257	1330	1330	1927	0	0
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	3257	1330	1330	1927	0	0

Map legend

OUTBREAKS REPRESENTATION ON MAP

OUTBREAKS NATURE

Single / Cluster

Domestic species



Wild species



Domestic & Wild



OUTBREAKS STATUS

Outbreak currently reported



Ongoing outbreak



Resolved outbreak



AGGREGATION REPRESENTATION

< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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