

Follow-up report 3

21/02/2022

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

Sender	Country/territory	Report ID
Delegate of Nepal	Nepal	FUR_154195
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 - 18/02/2022
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
 - Official destruction of animal products
 - Movement control inside the country
 - Disinfection
 - Surveillance within containment and or the protection zone
 - Surveillance outside containment and or the protection zone

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

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Birds	New	12882	2342	2342	10540	0	0	-	-
Birds	Total	23989	7132	7132	16857	0	0	-	-
All species	New	12882	2342	2342	10540	0	0	-	-
All species	Total	23989	7132	7132	16857	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	7960	210	210	7750	0	0
Birds	Total	Animal	7960	210	210	7750	0	0
All species	New	Animal	7960	210	210	7750	0	0
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	1600	765	765	835	0	0
Birds	Total	Animal	1600	765	765	835	0	0
All species	New	Animal	1600	765	765	835	0	0
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
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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_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 disposed of	Slaughtered	Vaccinated
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_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	65	37	37	28	0	0
Birds	Total	Animal	65	37	37	28	0	0
All species	New	Animal	65	37	37	28	0	0
All species	Total	Animal	65	37	37	28	0	0

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	3257	1330	1330	1927	0	0
Birds	Total	Animal	3257	1330	1330	1927	0	0
All species	New	Animal	3257	1330	1330	1927	0	0
All species	Total	Animal	3257	1330	1330	1927	0	0

