



**Highly pathogenic avian influenza,
Nepal**

Information received on 11/04/2013 from Dr Nar Bahadur Rajwar, Director General, Department of Livestock Services, Department of Livestock Services, Lalitpur, Nepal

Summary

Report type	Follow-up report No. 7
Date of start of the event	27/08/2012
Date of pre-confirmation of the event	03/09/2012
Report date	11/04/2013
Date submitted to OIE	11/04/2013
Reason for notification	Reoccurrence of a listed disease
Date of previous occurrence	30/03/2012
Manifestation of disease	Clinical disease
Causal agent	Highly pathogenic avian influenza virus
Serotype	H5N1
Nature of diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
This event pertains to	the whole country
Related reports	Immediate notification (14/10/2012) Follow-up report No. 1 (02/11/2012) Follow-up report No. 2 (24/12/2012) Follow-up report No. 3 (06/01/2013) Follow-up report No. 4 (18/01/2013) Follow-up report No. 5 (21/01/2013) Follow-up report No. 6 (15/02/2013) Follow-up report No. 7 (11/04/2013)

New outbreaks (9)

Outbreak 1	Kumarkhod 6, Kumarkhod, Jhapa, MECHI					
Date of start of the outbreak	12/02/2013					
Outbreak status	Resolved (07/04/2013)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	60	34	34	26	0
Affected population	Backyard birds in a small village reared in free range system					

Outbreak 2	Fungling 3, Fungling, Taplejung, MECHI					
Date of start of the outbreak	22/02/2013					
Outbreak status	Resolved (07/04/2013)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	663	31	31	632	0
Affected population	Backyard birds of different age group raised in free range system.					

Outbreak 3	Chandragadi 4, Chandragadi, Jhapa, MECHI					
Date of start of the outbreak	21/02/2013					

Date of start of the outbreak	24/02/2013					
Outbreak status	Resolved (07/04/2013)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	102	33	33	69	0
Affected population	Backyard birds of different age group raised in free range system					

Outbreak 4	Bhadrapur N P 10, Bhadrapur, Jhapa, MECHI					
Date of start of the outbreak	04/03/2013					
Outbreak status	Resolved (08/04/2013)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	111	30	30	81	0
Affected population	Backyard birds of different age group raised in free range system.					

Outbreak 5	Prithivinagar 5, Prithivinagar, Jhapa, MECHI					
Date of start of the outbreak	04/03/2013					
Outbreak status	Resolved (09/04/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	350	198	198	152	0
Affected population	A commercial broiler flock of 32 days					

Outbreak 6	Mukundapur 7, Harkapur, Nawalparasi, LUMBINI					
Date of start of the outbreak	14/03/2013					
Outbreak status	Resolved (04/04/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	1600	1600	1600	0	0
Affected population	A commercial layer flock of 44 weeks raised in a confined area					

Outbreak 7	Bharatpur N P 8, Sharadpur, Chitwan, NARAYANI					
Date of start of the outbreak	25/03/2013					
Outbreak status	Resolved (03/04/2013)					
Epidemiological unit	Farm					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	4000	1800	1800	2200	0
Affected population	A commercial layer farm with birds of 29 weeks raised in a closed farming system.					

Outbreak 8	Bahundagi 1, Bahundagi, Jhapa, MECHI					
Date of start of the outbreak	27/03/2013					
Outbreak status	Resolved (05/04/2013)					
Epidemiological unit	Farm					

Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	4000	250	250	3750	0
Affected population	A commercial layer farm of 19 weeks raised in a closed confined area					

Outbreak 9	Mechinagar 10, Mechinagar, Jhapa, MECHI					
Date of start of the outbreak	30/03/2013					
Outbreak status	Resolved (06/04/2013)					
Epidemiological unit	Village					
Affected animals	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	15	6	6	9	0
Affected population	Backyard birds of different age group raised in free range system					

Summary of outbreaks	Total outbreaks: 9					
Total animals affected	Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
	Birds	10901	3982	3982	6919	0
Outbreak statistics	Species	Apparent morbidity rate	Apparent mortality rate	Apparent case fatality rate	Proportion susceptible animals lost*	
	Birds	36.53%	36.53%	100.00%	100.00%	
*Removed from the susceptible population through death, destruction and/or slaughter						

Epidemiology

Source of the outbreak(s) or origin of infection	Unknown or inconclusive
Epidemiological comments	Birds showed respiratory distress, nervous signs and all affected birds died. Cleaning and disinfection activities in the infected premises are completed. Intensive surveillance activities are ongoing throughout the country.

Control measures

Measures applied	Control of wildlife reservoirs Stamping out Quarantine Movement control inside the country Screening Disinfection of infected premises/establishment(s) Dipping / Spraying Vaccination prohibited No treatment of affected animals
Measures to be applied	No other measures

Future Reporting

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

Map of outbreak locations



