

Immediate notification report

Report reference: REF OIE 17489, Report Date: 08/04/2015, Country : Mexico

Report Summary

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		Date submitted to OIE	09/04/2015

Animal type	Terrestrial	Date of report	08/04/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	09/03/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	09/03/2015
Serotype(s)	H7N3	Date of last occurrence	09/2014
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 2, Draft= 0		

Outbreak details

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA- (this report - submitted)	-			Backyard	Tehuacán	18.395894	-97.364505	09/03/2015	27/03/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	324	49	4	320	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OAXACA- (this report - submitted)	-			Backyard	Santiago Yaitepec	16.226947	-97.270925	09/03/2015	27/03/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	200	90	90	110	0			
Affected Population									

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	524	139	94	430	0

Epidemiology

Epidemiological comments

Following the notification by the owners of an increase in sudden death in birds at two backyards located in the States of Oaxaca and of Puebla, animals showing clinical signs suggestive of avian influenza were identified in both outbreaks. The official veterinary services launched the necessary epidemiological investigation and the presence of highly pathogenic avian influenza virus subtype H7N3 was confirmed.

Control measures implemented immediately are, among others: quarantine, movement restrictions, stamping out and sampling in the focal and perifocal areas. Both outbreaks were confirmed as positive for avian influenza on 9 March and later by determining the intravenous pathogenicity index. So far, no epidemiological link has been identified between them.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • stamping out • quarantine • movement control inside the country • screening 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited

Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results




Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Level 3 Biosecurity Laboratory, SENASICA	Birds	virus isolation	09/03/2015	Positive

Future Reporting

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

Outbreak maps



-  Resolved (domestic)
-  International Boundaries
-  Administrative Boundaries