

Immediate notification report

Report reference: REF OIE 17686, Report Date: 08/05/2015, Country : Mexico

Report Summary

Name of sender of the report	Dr Joaquín Braulio Delgadillo Álvarez	Telephone	+52 55 59 05 10 00
Position	Director General de Salud Animal	Fax	
Address	Avenida Cuauhtémoc N° 1230 - Piso 9 Colonia Santa Cruz Atoyac Delegación Benito Juárez CP 03310 México DF Mexico	Email	joaquin.delgadillo@senasica.gob.mx
		Date submitted to OIE	08/05/2015

Animal type	Terrestrial	Date of report	08/05/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	28/04/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	07/05/2015
Serotype(s)	H7N3	Diagnosis	Clinical, Laboratory (basic)
Reason	First occurrence of a listed disease	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
CHIAPAS- (this report - submitted)	-			Not applicable	Tuxtla Gutierrez	16.724614	-93.094339	28/04/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Plain chachalaca:Cracidae(Ortalis Vetula)	Animals	...	6	6	0	0			
Clay-colored thrush:Turdidae(Turdus grayi)	Animals	...	2	2	0	0			
Affected Population									

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Plain chachalaca		6	6	0	0
Clay-colored thrush		2	2	0	0

Epidemiology

Epidemiological comments

Endemic wild birds were reported having been found dead in a nature reserve called "The Zapotal"; the reserve is in the State of Chiapas, consists of 100 hectares of semi-humid forest, with several species of sapotas, and shows a wide variety of native wildlife of this State. It has about 220 animal species in their natural environments and 154 species living freely in the reserve, of which 62 species of birds.

During the initial investigation, three highly pathogenic avian influenza virus of H7N3 subtype were isolated with an intravenous pathogenicity index of 2.91 and 2.99. A 10 km focal and perifocal zone was established and no evidence of infection was found in commercial poultry. Under the national epidemiological surveillance program, a state active epidemiological surveillance program is on-going for 100% of the commercial poultry and, through a statistical sample size, in backyard poultry, based on serological, virological and molecular testing; no evidence of infection was found in commercial poultry or in backyard poultry. The affected species are Ortalis vetula and Turdus grayi. The epidemiological investigation continues.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • control of wildlife reservoirs • movement control inside the country • screening • zoning • disinfection of infected premises/establishment(s) 	<ul style="list-style-type: none"> • no planned control measures

No	Yes
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	Clay-colored thrush	intravenous pathogenicity index (IVPI) test	07/05/2015	Positive
National laboratory	Level 3 Biosecurity Laboratory, SENASICA	Clay-colored thrush	virus isolation	29/04/2015	Positive
National laboratory	Level 3 Biosecurity Laboratory, SENASICA	Plain chachalaca	intravenous pathogenicity index (IVPI) test	07/05/2015	Positive
National laboratory	Level 3 Biosecurity Laboratory, SENASICA	Plain chachalaca	virus isolation	29/04/2015	Positive

Future Reporting

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

Outbreak maps



-  Continuing (wild)
-  International Boundaries
-  Administrative Boundaries