

Follow-up report No.: 1

Report reference: , OIE Ref: 12074, Report Date: 25/06/2012, Country: Mexico

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H7N3
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	21/06/2012	Date of Start of Event	13/06/2012
Date of report	25/06/2012	Date Submitted To OIE	26/06/2012
Diagnosis	Laboratory (basic), Laboratory (advanced)	Date Of Last Occurrence	06/1995
Number Of Reported Outbreaks	Submitted= 3, Draft= 0	Name of Sender of the report	Dr Hugo Fragoso Sánchez
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	Colonia Santa Cruz Atoyac	Fax	
	Delegación Benito Juárez 03310 Mexico 03310	Entered by	Dr Hugo Fragoso Sánchez
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Outbreak (other report - submitted)

Estado	Localidad	Unit Type	Location	Latitude	Longitude	Start date	End Date
JALISCO	Tierras Coloradas	Farm	Acatic	20,721778	-102,870394	13/06/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	263440	158064	63226	60000	...	
Affected Population							

Outbreak (other report - submitted)

Estado	Localidad	Unit Type	Location	Latitude	Longitude	Start date	End Date
JALISCO	Valle de Guadalupe	Farm	Tepatitlan de Morelos	20,909833	-102,620311	13/06/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	480000	321600	118992	0	0	
Affected Population							

Outbreak (other report - submitted)

Estado	Localidad	Unit Type	Location	Latitude	Longitude	Start date	End Date
JALISCO	Pegueros	Farm	Tepatitlan de Morelos	20,91114	-102,69444	13/06/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	298599	107496	29024	0	0	
Affected Population							

Outbreak summary: Total outbreaks = 3 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	1042039	587160	211242	60000	0

Epidemiology

Epidemiological comments

The epidemiological investigation is on-going to identify the source of the infection and the risk factors. The isolates were tested by intravenous pathogenicity test and correspond to a highly pathogenic avian influenza virus subtype H7N3. A full gene sequencing of the virus is on-going. Following this diagnosis, about 60 poultry farms within the area around the outbreaks have been sampled in order to determine their health status. The samples are being tested by the official national reference laboratory. Preventive quarantine measures will be established throughout the poultry region at risk, which is estimated at around 500 production units. Currently, the following control measures are being applied: official movement control measures on poultry and poultry products inside and outside the area around the outbreaks; official sampling in industrial poultry farms, backyard poultry farms and poultry markets; assessment of biosecurity and good livestock practices; depopulation of affected farms in order to introduce later sentinel animals.

Note by the OIE Animal Health Information Department: this event, previously notified to the OIE as low pathogenic avian influenza, is due to serotype H7N3 of highly pathogenic avian influenza virus.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • Quarantine • Movement control inside the country • Screening • Zoning • Disinfection of infected premises/establishment(s) 	To be applied	• No Planned Control Measures
		Vaccination Prohibited	Yes
Animals treated	No		

Country / Zone

Country or zone	a zone or compartment
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Animal Health Diagnostic Services Center/CPA	Birds	neuraminidase inhibition assay	25/06/2012	Positive
National laboratory	Biosecurity Laboratory Level 3	Birds	intravenous pathogenicity index (IVPI) test	25/06/2012	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are 3 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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

Outbreak maps

