

Follow-up report No.: 2

Report reference: , OIE Ref: 12090, Report Date: 02/07/2012, 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	02/07/2012	Date Submitted To OIE	04/07/2012
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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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	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	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	
<p>During the epidemiological surveillance carried out in response to the event, the National Food Quality, Food Safety and Health Service (SENASICA) has taken samples in the outbreaks and around the outbreaks in 58 poultry farms. 24 farms were identified by viral isolation, diagnosis is ongoing in other 24 and 10 have tested negative to H7N3 highly pathogenic virus. The rates obtained so far are: a morbidity rate of 21.62%, a mortality rate of 8.48% and a fatality rate of 39.22%.</p> <p>Around the outbreaks, 79 farms at risk have been identified, of which 60 commercial layer farms, 11 breeder farms and 8 broiler farms. The population at risk in these 79 farms amounts to about 14.4 million birds, of which 86.1% of layers, 6.9% of broilers and 7% of breeders.</p> <p>As part of the measures taken to reduce the risk, the buffer zone has been extended to 40 km around the index outbreak and includes 161 poultry farms at risk with a population of 25.8 million of birds. Control measures on birds and their products movements have been strengthened in the quarantine area and eight check points have been established with the support of 26 health technicians with 9 vehicles that monitor the quarantine zone.</p> <p>Epidemiological surveillance activities continue in the outbreaks, around the outbreaks and in the buffer zone. As a measure to reduce the risk, sampling will be carried out in neighbouring States and in poultry farms at risk outside the buffer zone.</p>	
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
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Future Reporting

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

