

Immediate notification report

Report reference: REF OIE 23692, Report Date: 04/05/2017, Country : Mexico

Report Summary

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		Date submitted to OIE	04/05/2017

Animal type	Terrestrial	Date of report	04/05/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	18/04/2017
Causal Agent	Virus de la influenza aviar altamente patógena	Date of confirmation of the event	28/04/2017
Serotype(s)	H7N3	Date of last occurrence	11/05/2016
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	No
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:
JALISCO- (this report - submitted)	-	Tepatitlán de Morelos		Farm	Tepatitlán de Morelos	20.810912	-102.785356	18/04/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	151132	10	0	0	0			
Affected Population	Se trata de una granja de aves de postura comercial de 126 semanas de edad, detectada por acciones de vigilancia activa y sin evidencia de signos clínicos.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	151132	10	0	0	0

Epidemiology

Epidemiological comments

Derivado de la vigilancia epidemiológica activa que se realiza en la zona de los Altos de Jalisco, se aisló el virus de la influenza aviar H7N3 en aves de postura comercial. Se identificó que la parvada fue vacunada contra la enfermedad dieciocho semanas antes; las aves no presentaron signos. Se estableció un área focal de 3 km y una perifocal de 10 km, identificándose la existencia de tres granjas de la misma empresa en la zona perifocal, que se encuentran vacías. La granja ha sido cuarentenada y las aves enviadas a sacrificio en un rastro autorizado, cercano al sitio. La investigación epidemiológica continúa.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • quarantine • zoning 	<ul style="list-style-type: none"> • disinfection / disinfestation • stamping out • official destruction of animal products
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Laboratorio de bioseguridad nivel 3 del SENASICA	Birds	gene sequencing	28/04/2017	Positive
National laboratory	Laboratorio de bioseguridad nivel 3 del SENASICA	Birds	intravenous pathogenicity index (IVPI) test	26/04/2017	Positive
National laboratory	Laboratorio de bioseguridad nivel 3 del SENASICA	Birds	virus isolation	21/04/2017	Positive




Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Laboratorio de bioseguridad nivel 3 del SENASICA	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	20/04/2017	Positive

Future Reporting

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

Outbreak maps



-  Continuing (domestic)
-  International Boundaries
-  Administrative Boundaries