

Follow-up report No.1

Report reference: , Reference OIE : 26481, Report Date : 20/04/2018, Country : Mexico

Report Summary

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		Date submitted to OIE	21/04/2018

Animal type	Terrestrial	Date of report	20/04/2018
Disease	Highly pathogenic avian influenza	Date of start of the event	12/02/2018
Causal Agent	Virus de la influenza aviar altamente patógena	Date of confirmation of the event	03/03/2018
Serotype(s)	H7N3	Date of last occurrence	31/05/2017
Reason	Recurrence of a listed disease	Diagnosis	Clinical, Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 4, Draft= 0		

Outbreak details

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Guanajuato-other report - submitted	-	San Felipe		Backyard	San Felipe	21.482469	-101.212514	12/02/2018	20/02/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	1900	1380	1380	520	0			
Affected Population	Approximately-80-weeks-old Rhode Island Red chickens and white chickens in a rural farm.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Queretaro-other report - submitted	-	Cadereyta de Montes		Backyard	Cadereyta de Montes	20.695363	-99.814412	22/02/2018	23/02/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	26	7	7	19	0			
Affected Population	Backyard birds with clinical signs: conjunctivitis, watery diarrhea and sudden death.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Queretaro- (this report - submitted)	-	Pedro Escobedo		Other	Pedro Escobedo	20.499372	-100.148795	12/04/2018	18/04/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	2604	1563	1563	1041	0			
Affected Population	Se trata de un predio de aves de postura criadas en forma orgánica.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Guanajuato- (this report - submitted)	-	Irapuato		Backyard	Irapuato	20.664661	-101.309721	12/04/2018	18/04/2018
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	60	35	35	25	0			
Affected Population	Se trata de un predio de aves de combate.								

Outbreak summary: Total outbreaks = 4 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	4590	2985	2985	1605	0

Epidemiology

Epidemiological comments

Epidemiological comments
Source of the outbreak(s) or origin of infection
<ul style="list-style-type: none"> • Unknown or inconclusive <p>Se recibió la notificación de mortalidad de aves de combate en un predio en Guanajuato; el propietario comentó haber participado en una competencia recientemente. El aislamiento del virus en la muestra de Querétaro se obtuvo tras la notificación de un productor, que se ubica a 7 km del foco reportado anteriormente en ese estado. Se trabaja en pruebas complementarias como IPIV y secuenciación.</p> <p>En ambos casos, se implementaron actividades contraepidémicas como cuarentena de los predios y sacrificio de todas las aves; y por prevención, se establecieron un área focal de 3 km y una perifocal de 10 km, en donde se está llevando a cabo el muestreo correspondiente para comprobar la ausencia de enfermedad. El Servicio Nacional Veterinario seguirá con la vigilancia epidemiológica e informará a la OIE de cualquier nuevo caso.</p>
Source of the outbreak(s) or origin of infection
<ul style="list-style-type: none"> • Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • quarantine • official disposal of carcasses, by-products and waste • stamping out • zoning • disinfection 	<ul style="list-style-type: none"> • screening
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	virus isolation	18/04/2018	Positive
National laboratory	Laboratorio de bioseguridad nivel 3 del SENASICA	Birds	intravenous pathogenicity index (IVPI) test		Pending
National laboratory	Laboratorio de bioseguridad nivel 3 del SENASICA	Birds	virus sequencing		Pending

Future Reporting

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

Outbreak maps



-  Resolved (domestic)
-  International Boundaries
-  Administrative Boundaries