

## Follow-up report No.1

Report reference: , Reference OIE : 13090, Report Date : 16/01/2013, Country : Mexico

### Report Summary

<b>Name of sender of the report</b>	Dr Joaquín Braulio Delgadillo Álvarez	<b>Telephone</b>	+52 55 59 05 10 00
<b>Position</b>	Director General de Salud Animal	<b>Fax</b>	
<b>Address</b>	Avenida Cuauhtémoc N° 1230 - Piso 9 Colonia Santa Cruz Atoyac Delegación Benito Juárez CP 03310 México DF Mexico	<b>Email</b>	joaquin.delgadillo@senasica.gob.mx
		<b>Date submitted to OIE</b>	17/01/2013

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	16/01/2013
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	03/01/2013
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of pre-confirmation of the event</b>	07/01/2013
<b>Serotype(s)</b>	H7N3	<b>Date of last occurrence</b>	29/09/2012
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (basic), Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 24, Draft= 0		

### Outbreak details

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AGUASCALIENTES-oth er report - submitted	-	San Francisco de los Romo		Farm	San Francisco de los Romo	22.0690167	-102.270406	03/01/2013	08/01/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	146755	2990	740	0	146015			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AGUASCALIENTES-oth er report - submitted	-	Aguascalientes		Farm	Aguascalientes	22.0690168	-102.270406	05/01/2013	08/01/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	138000	...	0	0	138000			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO- (this report - submitted)	-	Encarnación de Díaz	Encarnación de Díaz	Farm	Encarnación de Díaz 1	20.5164222	-102.233728	12/01/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	191771	10010	9077	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO- (this report - submitted)	-	Encarnación de Díaz	Encarnación de Díaz	Farm	Encarnación de Díaz 2	21.3164222	-102.133728	12/01/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	205742	10058	8932	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 2	21.15775	-100.93364	12/02/2013	

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	5000	2000	38000	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 1	21.15775	-100.93564	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	9000	3500	36500	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 3	21.15775	-100.93664	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	61242	5500	5088	56154	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	San Luis de La Paz		Farm	San Luis de La Paz	21.2757468	-100.725	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	210000	7500	5000	205000	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	San Felipe		Farm	San Felipe	21.51111	-101.53111	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	73000	1101	1101	71899	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 6	21.15775	-100.93164	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	2000	250	39750	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Juventino Rosas		Farm	Juventino Rosas	20.6435083	-100.995797	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	108500	452	450	108050	0			
Affected Population									

  

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 4	21.15775	-100.93264	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	35000	5000	1500	33500	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 5	21.15775	-100.93464	12/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	18000	16000	24000	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 2	21.15775	-100.93964	16/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	26171	187	187	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo 1	21.15775	-100.93864	16/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	35000	2000	1000	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo	21.15775	-100.93914	17/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	71292	522	347	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	San Miguel de Allende		Farm	San Miguel de Allende	20.9141611	-100.743714	18/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	26665	21700	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Juventino Rosas		Farm	Juventino Rosas 2	20.6435083	-100.995589	19/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	100326	1000	800	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Juventino Rosas		Farm	Juventino Rosas 1	20.6435083	-100.995997	19/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Follow-up report No.: 1, Report reference: , OIE Ref: 13090, Report Date: 16/01/2013, Country: Mexico

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	107212	1000	800	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	San Luis de La Paz		Farm	San Luis de La Paz	21.2757468	-100.625	20/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	189000	1000	571	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	León		Farm	León	21.1326611	-101.678292	20/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	112501	25000	20335	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	San Miguel de Allende		Farm	San Miguel de Allende	20.9141611	-100.743614	21/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	182354	2500	2168	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Dolores Hidalgo		Farm	Dolores Hidalgo	21.15775	-100.94114	23/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	2200	1673	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Celaya		Farm	Celaya	21.15775	-100.94114	23/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	110162	84	84	0	0			
Affected Population									

### Outbreak summary: Total outbreaks = 24 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	2344028	138769	103303	612853	284015

### Epidemiology

#### Epidemiological comments

A high mortality was reported on 12 January in two layer farms, which were immediately inspected by official staff from SENASICA in the Municipality of Encarnación de Díaz, State of Jalisco. The first outbreak has a population of 191,771 birds aged 72 weeks, of which 10,010 sick and 9,077 dead. The second outbreak has a population of 205,742 birds aged 65 weeks, of which 10,058 sick and 8,932 dead. Both outbreaks were detected through notification made by the veterinarians in charge of these farms. The disease evolved hyperacutely with clinical signs as conjunctivitis, edema, cyanosis, palpebral, comb and chin swelling and sudden death. Both farms are being depopulated. Active and passive surveillance continues at national level and epidemiological investigation will go on in order to identify the source of the infection.

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

Follow-up report No.: 1, Report reference: , OIE Ref: 13090, Report Date: 16/01/2013, Country: Mexico

<ul style="list-style-type: none"> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• screening</li> <li>• zoning</li> </ul>	<ul style="list-style-type: none"> <li>• stamping out</li> <li>• disinfection of infected premises/establishment(s)</li> </ul>
<b>Applied</b>	<b>To be applied</b>
<ul style="list-style-type: none"> <li>• quarantine</li> <li>• movement control inside the country</li> <li>• screening</li> <li>• zoning</li> </ul>	<ul style="list-style-type: none"> <li>• stamping out</li> <li>• disinfection of infected premises/establishment(s)</li> </ul>
<b>Animals treated</b>	<b>Vaccination Prohibited</b>
No	Yes

### Future Reporting

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

## Outbreak maps

