

Follow-up report No.5

Report reference: , Reference OIE : 13252, Report Date : 17/04/2013, Country : Mexico

Report Summary

Name of sender of the report	Dr Joaquín Braulio Delgadillo Álvarez	Telephone	+52 55 59 05 10 00
Position	Director General de Salud Animal	Fax	
Address	Avenida Cuauhtémoc N° 1230 - Piso 9 Colonia Santa Cruz Atoyac Delegación Benito Juárez CP 03310 México DF Mexico	Email	joaquin.delgadillo@senasica.gob.mx
		Date submitted to OIE	17/04/2013

Animal type	Terrestrial	Date of report	17/04/2013
Disease	Highly pathogenic avian influenza	Date of start of the event	03/01/2013
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	07/01/2013
Serotype(s)	H7N3	Date of last occurrence	29/09/2012
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 48, Draft= 0		

Outbreak details

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
AGUASCALIENTES-other 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-other 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-other 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-other 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	-	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			
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 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:
JALISCO-other report - submitted	-	Tepatitlán de Morelos		Farm	Tepatitán de Morelos	20.844269	-102.74555	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	178029	3000	3000	0	0			
Affected Population	Four commercial flocks of layers								

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	-	Dolores Hidalgo		Farm	Dolores Hidalgo	21.15775	-100.94414	15/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	38739	6081	5125	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 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	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			

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	26665	21700	0	0			
Affected Population									
GUANAJUATO-other report - submitted	-	Juventino Rosas		Farm	Juventino Rosas 1	20.6435083	-100.995997	19/02/2013	
Birds	Animals	107212	1000	800	0	0			
Affected Population									
JALISCO-other report - submitted	-	Lagos de Moreno		Farm	Lagos de Moreno	21.479039	-101.7555	19/02/2013	
Birds	Animals	1752391	396200	388499	0	0			
Affected Population	15 flocks of broilers								
GUANAJUATO-other report - submitted	-	Juventino Rosas		Farm	Juventino Rosas 2	20.6435083	-100.995589	19/02/2013	
Birds	Animals	100326	1000	800	0	0			
Affected Population									
JALISCO-other report - submitted	-	Encarnación de Díaz		Farm	Encarnación de Díaz	21.3164222	-102.133555	20/02/2013	
Birds	Animals	374699	39644	7100	0	0			
Affected Population	Two flocks of broilers								
GUANAJUATO-other report - submitted	-	San Luis de La Paz		Farm	San Luis de La Paz	21.2757468	-100.625	20/02/2013	
Birds	Animals	189000	1000	571	0	0			
Affected Population									
JALISCO-other report - submitted	-	Lagos de Moreno		Farm	Lagos de Moreno	21.479039	-101.7666	20/02/2013	
Birds	Animals	2000	100	100	0	0			
Affected Population	A commercial flock of layer Japanese quails								
GUANAJUATO-other report - submitted	-	León		Farm	León	21.1326611	-101.678292	20/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Follow-up report No.: 5, Report reference: , OIE Ref: 13252, Report Date: 17/04/2013, 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	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	-	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									

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	-	Dolores Hidalgo		Farm	Dolores Hidalgo	21.15775	-100.94314	25/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7452	2100	1405	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		Village	Juventino Rosas	20.6435083	-100.99579	25/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	43	3	3	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Tepatitlán de Morelos		Farm	Tepatitlán de Morelos	20.844269	-102.74666	25/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10	3	2	0	0			
Affected Population Backyard poultry									

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	-100.94314	25/02/2013	
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	34317	16699	329	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	20.9158	-100.74238	26/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	42719	9464	944	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	Comonfort		Farm	Comonfort	20.7171806	-100.754428	27/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	22900	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Unión de San Antonio		Farm	Unión de San Antonio	21.198203	-102.123555	27/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	11	6	0	0	0			
Affected Population	Backyard poultry								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO-other report - submitted	-	San Miguel de Allende		Village	San Miguel de Allende	20.9158	-100.75238	28/02/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	70	6	2	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TLAXCALA- (this report - submitted)	-	Ixtacuixtla de Mariano Matamoros		Village	Ixtacuixtla de Mariano Matamoros	19.3302	-98.1111	04/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34	5	2	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO- (this report - submitted)	-	San José Iturbide		Farm	San José Iturbide	21.099614	-100.42222	05/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	209167	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO- (this report - submitted)	-	San Luis de la Paz		Farm	San Luis de la Paz	21.099614	-100.42222	06/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Follow-up report No.: 5, Report reference: , OIE Ref: 13252, Report Date: 17/04/2013, 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	118114	...	0	0	0			
Affected Population									

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	20.844269	-102.74444	13/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2800	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO- (this report - submitted)	-	Lagos de Moreno		Farm	Lagos de Moreno	20.844269	-101.7333	14/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10000	500	500	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO- (this report - submitted)	-	Teocuitatlan de Corona		Farm	Teocuitatlan de Corona	20.10599	-103.4111	14/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	20500	8000	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO- (this report - submitted)	-	Comonfort		Farm	Comonfort 2	20.7171806	-100.75222	23/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	25269	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
GUANAJUATO- (this report - submitted)	-	Comonfort		Farm	Comonfort 1	20.7171806	-100.75333	23/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	23760	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO- (this report - submitted)	-	Acatic		Farm	Acatic	20.763087	-102.8666	25/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	94500	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO- (this report - submitted)	-	Acatic		Farm	Acatic	20.763087	-102.8555	26/03/2013	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Follow-up report No.: 5, Report reference: , OIE Ref: 13252, Report Date: 17/04/2013, 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	3700	...	0	0	0			
Affected Population									

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
JALISCO- (this report - submitted)	-	Lagos de Moreno		Farm	Lagos de Moreno	21.479039	-101.7444	04/04/2013	
Birds	Animals	156282	...	0	0	0			
Affected Population									

Outbreak summary: Total outbreaks = 48 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	5461534	620580	510314	612853	284015

Epidemiology

Epidemiological comments

There are 11 new outbreaks: six in Jalisco, four in Guanajuato and one in Tlaxcala.

Among these outbreaks, six occur in commercial layer farms (four in Jalisco and two in Guanajuato), three in heavy breeder farms (one in Jalisco and two in Guanajuato), one in broilers (Jalisco) and one in backyard poultry (Tlaxcala); an epidemiological investigation is on-going in this last outbreak.

Several outbreaks were identified from virus isolated in previously immunized flocks, which did not show clinical signs nor drop in production.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

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

Vaccination in response to outbreak

estado	Species	Number Vaccinated	Details
GUANAJUATO	Birds	5512080	Breeder and layer commercial farms

Future Reporting

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

Outbreak maps

