

Follow-up report No.8 (Final report)

Report reference: , Reference OIE : 23014, Report Date : 04/03/2017, Country : Mexico

Report Summary

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		Date submitted to OIE	04/03/2017

Animal type	Terrestrial	Date of report	04/03/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	09/03/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	09/03/2015
Serotype(s)	H7N3	Date of last occurrence	09/2014
Reason	Reoccurrence of a listed disease	Diagnosis	Clinical, Laboratory (basic)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 32, Draft= 0		

Outbreak details

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OAXACA-other report - submitted	-	Santiago Yaitepec		Backyard	Santiago Yaitepec	16.226947	-97.270925	09/03/2015	27/03/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	200	90	90	110	0			
Affected Population	Fighting birds								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tehuacán		Backyard	Tehuacán	18.395894	-97.364505	09/03/2015	27/03/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	324	49	4	320	0			
Affected Population	Layers								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tehuacan		Farm	Tehuacan	18.462624	-97.399386	14/08/2015	17/08/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	145	20	15	130	0			
Affected Population	Commercial layers								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	San Ignacio Cerro Gordo		Backyard	San Ignacio Cerro Gordo	20.741318	-102.538368	22/10/2015	25/10/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3100	3095	3095	5	0			
Affected Population	Backyard poultry								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Lagos de Moreno		Farm	Lagos de Moreno	21.363383	-101.92888	26/01/2016	02/05/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	413086	13386	13386	399700	0			
Affected Population	A commercial 24-week-old layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.85.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Encarnación de Diaz		Farm	Encarnación de Diaz	21.525593	-102.241544	28/01/2016	11/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	417232	10000	0	417232	0			
Affected Population	A commercial 18-week-old layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.76.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Encarnación de Diaz		Farm	Encarnación de Diaz	21.525593	-102.241538	28/01/2016	16/05/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	414231	13350	13350	400881	0			
Affected Population	A commercial 28-week-old layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.76.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Encarnación de Diaz		Farm	Encarnación de Diaz	21.525593	-102.241533	28/01/2016	11/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	407232	15	0	407232	0			
Affected Population	A commercial 37-week-old layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.84.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Encarnación de Diaz		Farm	Encarnación de Diaz	21.525593	-102.241511	28/01/2016	02/05/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	399700	15	0	399700	0			
Affected Population	A commercial 106-week-old layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.76.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Encarnación de Diaz		Farm	Encarnación de Diaz	21.525593	-102.241522	28/01/2016	16/05/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	405346	15	0	405346	0			
Affected Population	A commercial 41-week-old layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.84.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tepanco de López		Farm	Tepanco de López	18.555901	-97.578908	05/02/2016	02/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	42117	5	0	42117	0			
Affected Population	A commercial layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.87.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tochtepec		Farm	Tochtepec	18.836419	-97.820526	15/02/2016	22/02/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	119016	1000	1000	118016	0			
Affected Population	A broiler farm identified following the farmer's notification. The IVPI obtained from the samples was 2.92.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tehuacán		Farm	Tehuacán	18.836419	-97.820521	23/02/2016	15/07/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	209900	5	0	209900	0			
Affected Population	A commercial layer farm with birds of different ages. The IVPI obtained from the samples was 2.79.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Jocotepec		Farm	Jocotepec	20.285196	-103.437818	24/02/2016	26/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	109646	7103	7103	102543	0			
Affected Population	A commercial layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 3.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	San Martin Temexlucan		Backyard	San Martin Temexlucan	19.279381	-98.435711	25/02/2016	02/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	313	3	0	313	0			
Affected Population	A backyard. The IVPI obtained from the samples was 3.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Acatic		Farm	Acatic	20.783257	-102.911978	03/03/2016	13/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	210516	10	0	210506	0			
Affected Population	A commercial layer farm detected during active surveillance and without clinical signs.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tlahuapan		Farm	Tlahuapan	19.056651	-98.227617	07/03/2016	25/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	818	565	253	565	0			
Affected Population	A commercial layer farm identified following the farmer's notification. The IVPI obtained from the samples was 2.94.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Zapopan		Farm	Zapopan	20.670884	-103.414809	08/03/2016	24/09/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	400000	30	0	40000	0			
Affected Population	A commercial layer farm detected during active surveillance and without clinical signs.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Zapopan		Farm	Zapopan	20.670884	-103.414811	08/03/2016	15/08/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	380000	30	0	380000	0			
Affected Population	A commercial layer farm detected during active surveillance and without clinical signs.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tehuacán		Farm	Tehuacán	18.836419	-97.820511	09/03/2016	19/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Indian Peafowl:Phasianidae(Pavo cristatus)	Animals	25	25	25	0	0			
Affected Population	A notification was received from a farm with wild birds in captivity (Indian peafowl, Pavo cristatus). The IVPI obtained from the samples was 2.86.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tepanco de López		Backyard	Tepanco de López	18.555901	-97.578911	11/03/2016	14/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	23	5	0	23	0			
Affected Population	A backyard detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.86.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	San Antonio Cañada		Backyard	San Antonio Cañada	18.501734	-97.290166	18/03/2016	21/03/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	210	5	5	205	0			
Affected Population	A notification was received from a commercial layer farm. The IVPI obtained from the samples was 2.86.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VERACRUZ-other report - submitted	-	Acultzingo		Farm	Acultzingo	18.715895	-97.306	23/03/2016	06/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	16000	8000	3000	13000	0			
Affected Population	A heavy breeder farm with mortality. The IVPI obtained from the samples was 2.71.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VERACRUZ-other report - submitted	-	Acultzingo		Farm	Acultzingo	18.715895	-97.311	23/03/2016	06/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	17200	5000	1000	16200	0			
Affected Population	A heavy breeder farm with mortality. The IVPI obtained from the samples was 2.7.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VERACRUZ-other report - submitted	-	Acultzingo		Farm	Acultzingo	18.715895	-97.322	23/03/2016	06/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	28900	8000	3000	25900	0			
Affected Population	A heavy breeder farm with mortality. The IVPI obtained from the samples was 2.64.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VERACRUZ-other report - submitted	-	Nogales		Farm	Nogales	18.821123	-97.166337	05/04/2016	06/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10000	500	200	9800	0			
Affected Population	This heavy breeder farm was identified following the farmer's notification. The IVPI obtained from the samples was 2.78.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
VERACRUZ-other report - submitted	-	Jalacingo		Backyard	Jalacingo	19.796812	-97.303159	05/04/2016	08/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	8	7	7	1	0			
Affected Population	A backyard detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.96.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tepanco de López		Farm	Tepanco de López	18.555901	-97.578922	05/04/2016	05/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	500	313	313	187	0			
Affected Population	A notification from a broiler farm was received. The IVPI obtained from the samples was 2.86.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OAXACA-other report - submitted	-	Putla Villa de Guerrero		Farm	Putla Villa de Guerrero	17.03111	-97.928973	09/04/2016	09/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1300	1203	1203	97	0			
Affected Population	A broiler chicken supplier reported mortality in poultry. The IVPI obtained from the samples was 2.97.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Acatic		Farm	Acatic	20.783257	-102.911966	12/04/2016	05/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	161000	1	0	161000	0			
Affected Population	A layer farm detected during active surveillance and without clinical signs. The IVPI obtained from the samples was 2.92.								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
PUEBLA-other report - submitted	-	Tepanco de López		Backyard	Tepanco de López	18.555901	-97.578911	20/04/2016	22/04/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5	5	0	5	0			
Affected Population	A backyard								

Estado	Number of outbreaks	Municipio	Localidad	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JALISCO-other report - submitted	-	Sayula		Farm	Sayula	19.879192	-103.599221	11/05/2016	01/06/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	151000	11000	11000	140000	0			
Affected Population	This is a commercial layer farm, detected through active surveillance and without any clinical signs.								

Outbreak summary: Total outbreaks = 32 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	4319068	82825	58024	3901034	0
Indian Peafowl	25	25	25	0	0

Epidemiology

Epidemiological comments

Epidemiological comments	
Source of the outbreak(s) or origin of infection	
• Unknown or inconclusive	
The last affected production unit located at Acatic, Jalisco, has been depopulated. Cleaning and disinfection of the facilities as well as official disposal of carcasses, by-products and waste were carried out. Since May 2016, no virus has been detected in the country. Therefore and since more than 21 days have passed without evidence of the causal agent, the event is considered closed. However, epidemiological surveillance will continue at national level.	
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 • screening • disinfection / disinfestation • quarantine • stamping out • official disposal of carcasses, by-products and waste • zoning 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes
Future Reporting	
The report and all its outbreaks have been resolved.	

Outbreak maps



-  Resolved (wild)
-  Resolved (domestic)
-  International Boundaries
-  Administrative Boundaries