

Follow-up report No.10

Report reference: QELAHIM, Reference OIE : 16567, Report Date : 24/11/2014, Country : Israel

Report Summary

Name of sender of the report	Dr Michel Bellaiche	Telephone	972(3)9681608
Position	Head, Epidemiology Department	Fax	972(3)9681761
Address	P.O. Box 12 Bet Dagan 50250 ISRAEL BET DAGAN 50250	Email	michelb@moag.gov.il
		Entered by	Dr Michel Bellaiche
		Date submitted to OIE	24/11/2014

Animal type	Terrestrial	Date of report	24/11/2014
Disease	Newcastle disease	Date of start of the event	22/12/2013
Causal Agent	Newcastle disease virus	Date of pre-confirmation of the event	23/12/2013
Reason	Reoccurrence of a listed disease	Date of last occurrence	30/09/2013
Country or zone	the whole country	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Number of reported outbreaks	submitted= 39, Draft= 0	Clinical signs	Yes

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Beer-Sheva		Farm	QELAHIM	31.4500758201	34.6782223186	22/12/2013	24/12/2013
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	4000	1200	38800	0			
Affected Population	6-week-old broilers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Ramla		Village	BE'ER YA'AQOV	31.9420948643	34.8330088067	05/01/2014	15/01/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	331	210	90	241	0			
Affected Population	This outbreak occurred in a backyard with 300 ornamental pigeons. 210 pigeons showed clinical signs and 90 of them died. Adjacent to this place were 15 ornamental chickens, 12 pigeons, 2 guinea fowls and 2 quails. No clinical signs were shown in these birds but samples were positive to Newcastle disease. All these birds were culled.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Tel-Aviv		Village	QIRYAT ONO	32.0593841387	34.8547719855	16/01/2014	21/01/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	12	12	12	0	0			
Affected Population	Backyard local chickens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Rehovot		Farm	KEFAR HANAGID	31.8850133083	34.7497450256	11/02/2014	15/02/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7000	2100	350	6650	0			
Affected Population	Organic broilers in a yard.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Rehovot		Farm	QEVUZAT YAVNE	31.8136620076	34.7194693435	23/02/2014	03/03/2014

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	36000	...	700	35300	0			
Affected Population	Heavy breeders.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	HaSharon		Farm	ZORAN-QADIMA	32.2795803283	34.9250454155	25/02/2014	04/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4730	...	0	4730	0			
Affected Population	35-week-old table eggs laying hens. Drop in lay was observed.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	SHALWA	31.5631335013	34.7660592349	28/02/2014	09/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	11000	550	300	10700	0			
Affected Population	17-week-old turkeys divided in two pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-			Farm	GESHUR	32.8189472494	35.7167439709	02/03/2014	07/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	72000	7200	3584	68416	0			
Affected Population	6-week-old broilers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YERUSHALAYIM-other report - submitted	-	Jerusalem		Not applicable	JERUSALEM	31.777611456	35.2242622457	05/03/2014	09/03/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Lesser kestrel:Falconidae(Falco naumanni)	Animals	13	3	2	0	0			
Affected Population	These are lesser kestrels in the Biblical Zoo of Jerusalem. The kestrels were put under quarantine within the zoo. No further sick birds have been observed.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	DALTON	33.015321585	35.4899337179	31/03/2014	06/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2200	100	50	2150	0			
Affected Population	26-week-old table egg layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	ALMA	33.052264664	35.499688289	01/04/2014	07/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3900	...	40	3860	0			
Affected Population	33-week-old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
----------	---------------------	----------	--------------	-----------	----------	----------	-----------	------------	-----------

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	ALMA	33.0522646644	35.4996882898	01/04/2014	07/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	64000	6000	3000	61000	0			
Affected Population	5-week-old broilers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	REIHANIYYE	33.048690438	35.4857590606	05/04/2014	10/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	17700	...	500	17200	0			
Affected Population	5-week-old broilers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	ALMA	33.052264665	35.4996882892	06/04/2014	12/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1960	...	40	1920	0			
Affected Population	34-week-old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	ALMA	33.0522646655	35.4996882891	10/04/2014	16/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4800	...	100	4700	0			
Affected Population	22-week-old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Not applicable	Acbara	32.9702290738	35.4951366782	10/04/2014	17/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	100	50	30	70	0			
Affected Population	Ornamental backyard chickens and pigeons.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	DALTON	33.015321589	35.4899337179	15/04/2014	23/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3500	...	70	3430	0			
Affected Population	60-week-old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Beer-Sheva		Farm	EN HASHELOSHA	31.3494277355	34.399265882	16/04/2014	25/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30000	1840	1240	28760	0			
Affected Population	5-week-old meat turkeys								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
----------	---------------------	----------	--------------	-----------	----------	----------	-----------	------------	-----------

Follow-up report No.: 10, Report reference: QELAHIM, OIE Ref: 16567, Report Date: 24/11/2014, Country: Israel

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	DALTON	33.015321587	35.4899337177	16/04/2014	28/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4650	150	100	4550	0			
Affected Population	61-week-old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	DALTON	33.015321583	35.4899337173	21/04/2014	25/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3300	100	70	3230	0			
Affected Population	25-week-old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	KEFAR AHIM	31.7434526943	34.754659232	25/04/2014	29/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	100000	4000	500	...	0			
Affected Population	4-week-old pullet layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	ALMA	33.0522646642	35.4996882892	25/04/2014	27/04/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18000	500	360	17640	0			
Affected Population	5-week-old broilers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	KEFAR HOSHEN (Safsufa)	33.0118180299	35.4406970375	30/04/2014	05/05/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2500	100	50	2450	0			
Affected Population	39-week-old table eggs layers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Not applicable	TELAMIM	31.5627732539	34.6712711991	02/05/2014	05/05/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	16	4	4	12	0			
Affected Population	Backyard birds: 4 chickens and 12 turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	HaSharon		Farm	MISHMAR HASHARON	32.3570802583	34.9046229321	07/05/2014	09/05/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	30000	2000	1000	28000	0			
Affected Population	One-week-old table eggs layer chicks.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
----------	---------------------	----------	--------------	-----------	----------	----------	-----------	------------	-----------

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Farm	KEFAR PINES	32.4817048074	34.9999522208	13/05/2014	18/05/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	8400	...	0	8400	0			
Affected Population	35-week-old egg-type breeders. Only drop in lay has been seen.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	BIZZARON	31.7929496309	34.7269682805	13/05/2014	14/05/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	13000	250	130	12870	0			
Affected Population	31-week-old egg-type breeders.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	KEFAR HOSHEN (Safsufa)	33.011818028	35.440697037	25/05/2014	01/06/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2500	...	...	...	0			
Affected Population	44-week-old table eggs layers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Kineret		Farm	TEFAHOT	32.8694013458	35.4189506682	29/05/2014	01/06/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5500	1350	550	4950	0			
Affected Population	5-week-old broilers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	KEFAR ROZENWALD(ZARIT)	33.0994694482	35.287752296	17/06/2014	26/06/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5000	...	0	5000	0			
Affected Population	41-week-old table egg layers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	MISHMAR HAYARDEN	33.0024019739	35.5990321607	21/06/2014	24/06/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	127000	...	1300	125700	0			
Affected Population	4-week-old broilers.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Farm	KEFAR HOSHEN (Safsufa)	33.0118180289	35.440697037	28/06/2014	01/07/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2200	...	...	2200	0			
Affected Population	44-week-old table egg layers flock. Drop in lay only.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
----------	---------------------	----------	--------------	-----------	----------	----------	-----------	------------	-----------

Follow-up report No.: 10, Report reference: QELAHIM, OIE Ref: 16567, Report Date: 24/11/2014, Country: Israel

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
HAMERKAZ-other report - submitted	-	HaSharon		Farm	GIV"AT HAYYIM(ME"UHAD)	32.3914003365	34.9289525297	28/06/2014	30/06/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18000	...	0	18000	0			
Affected Population	6-week-old turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	SHETULA	33.0850249792	35.3123718519	08/07/2014	11/07/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4300	...	0	4300	0			
Affected Population	61-week-old table egg layers. Clinical Signs. Only drop in lay.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	SHETULA	33.085024978	35.312371851	16/07/2014	22/07/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	4000	...	0	4000	0			
Affected Population	24-week-old table egg layers. Drop in lay only.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	SHETULA	33.085024977	35.31237185	20/07/2014	25/07/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1900	...	0	1900	0			
Affected Population	46-week-old table egg layers. Drop in lay only.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	NETU"A	33.0642794477	35.3219833385	24/08/2014	28/08/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3000	...	...	3000	0			
Affected Population	41-week-old table egg layers. Drop in lay.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Acco		Farm	AVDON	33.0472017587	35.179577595	30/08/2014	03/09/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	2000	...	...	2000	0			
Affected Population	99-week-old table egg layers. Drop in lay.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON- (this report - submitted)	-	Yizreel		Backyard	DAHI	32.6206535113	35.3427093128	18/11/2014	20/11/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	16	16	8	8	0			
Affected Population	Mixed backyard birds and chickens. The control measures which were applied were similar to the control measures applied with an affected commercial flock.								

Outbreak summary: Total outbreaks = 39 (Submitted)

Follow-up report No.: 10, Report reference: QELAHIM, OIE Ref: 16567, Report Date: 24/11/2014, Country: Israel

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	654515	30532	15378	536137	0
Lesser kestrel	13	3	2	0	0

Epidemiology

Epidemiological comments

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

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

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Private Laboratory	Northern Avian Diseases Laboratory	Birds	real-time PCR	20/11/2014	Positive
Local laboratory	Northern Avian Diseases Laboratory	Birds	real-time PCR	01/09/2014	Positive

Future Reporting

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

Outbreak maps

