

Follow-up report No.2

Report reference: AVI'EL H5N1, Reference OIE : 17108, Report Date : 02/02/2015, Country : Israel

Report Summary

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	Bet Dagan 50250 ISRAEL BET DAGAN	Date submitted to OIE	02/02/2015

Animal type	Terrestrial	Date of report	02/02/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	14/01/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	17/01/2015
Serotype(s)	H5N1	Date of last occurrence	25/03/2012
Reason	Reoccurrence of a listed disease	Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 7, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Farm	AVI'EL	32.5303813494	34.991326989	14/01/2015	25/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	141000	30000	15000	10000	0			
Spur-winged Lapwing:Charadriidae(Vanellus spinosus)	Animals	...	1	0	1	0			
Affected Population	<p>This turkey fattening farm contains 13 pens with a total of 55,000 males and 25,000 females aged 16-17 weeks. The mortality has been observed in 5 of the pens, whilst the mortality was very high and hyperacute in 3 of them. On post mortem examination, enteritis and enlarged spleen have been demonstrated. In addition, 350 meters away, there is a poultry farm of 61,000 5-week-old turkeys. No clinical signs have been seen in poultry at this farm. No other commercial flocks are located within the radius of 3 kilometers. A sick wild bird (Spur-winged lapwing) has been found in one of the pens and has been diagnosed as positive.</p>								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Farm	BINYAMINA-GIV"AT ADA	32.5195133375	34.9647465364	20/01/2015	25/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	17000	3500	1700	15300	0			
Affected Population	<p>The flock contains 36 weeks broilers grand parents which are divided in two adjacent pens. Hyperacute mortality.</p>								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Farm	MAGGAL	32.3852759696	35.0352379164	22/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	15000	5000	35000	0			
Affected Population	<p>10 weeks turkeys.</p>								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ- (this report - submitted)	-	HaSharon		Farm	BET HALEWI	32.3508194536	34.9269511028	27/01/2015	30/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34000	1000	200	33800	0			
Affected Population	36-week-old breeding flock of broilers. The flock was divided into 4 pens. In one of the pens, clinical signs as internal laying, mortality and gut mucus changes occurred.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ- (this report - submitted)	-	HaSharon		Farm	BET HALEWI	32.350819454	34.926951103	28/01/2015	30/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	13000	800	130	12870	0			
Affected Population	13-week-old turkeys. Two pens. Hyperacute mortality.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ- (this report - submitted)	-	HaSharon		Farm	KEFAR MONASH	32.3435796299	34.9152892458	28/01/2015	30/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3000	100	30	2970	0			
Affected Population	16 weeks old turkeys. 2 pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ- (this report - submitted)	-	HaSharon		Farm	BET HERUT	32.3777280545	34.8684271617	30/01/2015	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	37000	1000	370	...	0			
Affected Population	8 weeks old turkeys.								

Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	285000	51400	22430	109940	0
Spur-winged Lapwing		1	0	1	0

Epidemiology

Epidemiological comments

The disease has been diagnosed in three additional locations; two of them are very close to each other.

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 • zoning 	<ul style="list-style-type: none"> • screening • disinfection of infected premises/establishment(s)
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Kimron Veterinary Institute, Avian Diseases Laboratory	Birds	real-time PCR	01/02/2015	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Kimron Veterinary Institute, Avian Diseases Laboratory	Birds	intravenous pathogenicity index (IVPI) test		Pending

Future Reporting

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

Outbreak maps

