

Follow-up report No.3

Report reference: AVI'EL H5N1, Reference OIE : 17181, Report Date : 12/02/2015, Country : Israel

Report Summary

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	Bet Dagan 50250 ISRAEL BET DAGAN	Date submitted to OIE	12/02/2015

Animal type	Terrestrial	Date of report	12/02/2015
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 (advanced), Necropsy
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 8, 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(Vanelus spinosus)	Animals	...	1	0	1	0			
Affected Population	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.								

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	The flock contains 36 weeks broilers grand parents which are divided in two adjacent pens. Hyperacute mortality.								

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	25/01/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	40000	15000	5000	35000	0			
Affected Population	10 weeks turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	HaSharon		Farm	BET HALEWI	32.3508194536	34.9269511028	27/01/2015	30/01/2015

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	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-other 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-other 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-other report - submitted	-	HaSharon		Farm	BET HERUT	32.3777280545	34.8684271617	30/01/2015	03/02/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	37000	1000	370	...	0			
Affected Population	8 weeks old turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ- (this report - submitted)	-	HaSharon		Farm	KEFAR VITKIN	32.380460999	34.8790431246	09/02/2015	11/02/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18000	1000	200	17000	0			
Affected Population	9 weeks old turkeys. The flock is divided into 6 pens.								

Outbreak summary: Total outbreaks = 8 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	303000	52400	22630	126940	0
Spur-winged Lapwing		1	0	1	0

Epidemiology

Epidemiological comments

The Kfar Vitkin outbreak is very close to Kfar Monash outbreak which was diagnosed a few days before.

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

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Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Kimron Veterinary Institute, Avian Diseases Laboratory	Birds	real-time PCR	10/02/2015	Positive
National laboratory	Kimron Veterinary Institute, Avian Diseases Laboratory	Birds	real-time PCR	01/02/2015	Positive
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

