

Follow-up report No.6

Report reference: HEFZI-BAH HPAI H5N8, Reference OIE : 22864, Report Date : 16/02/2017, Country : Israel

Report Summary

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	Bet Dagan 50250 ISRAEL BET DAGAN	Date submitted to OIE	16/02/2017

Animal type	Terrestrial	Date of report	16/02/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	09/11/2016
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	13/11/2016
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (advanced)
Reason	New strain of a listed disease in the country	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 33, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Yizreel		Farm	HEFZI-BAH	32.5168425969	35.4255589585	09/11/2016	16/11/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	34500	1800	1500	33000	0			
Affected Population	21 weeks old heavy breeders. Four pens. One pen only (containing 5,200 birds) was affected. All the dead birds were found in this affected pen. All the birds in the four pens have been culled and buried on spot.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Beer-Sheva		Natural park	PARAN	30.3827	35.16809	30/11/2016	08/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	2	2	0	0			
Affected Population	69 aquatic birds from several species were found dead in the same location. Decayed carcasses have been sent to KVI. The virus was found in 2 mallards only.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	EN ZURIM	31.6946216686	34.7179802398	02/12/2016	06/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	20000	18000	15000	5000	0			
Affected Population	9.5-weeks-old turkeys divided in four pens; high mortality.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	REVADIM	31.7734157071	34.8167948861	02/12/2016	07/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	10000	2000	800	...	0			
Affected Population	10-weeks-old turkeys divided in four pens.								

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	BE"ER TOVIYYA	31.7370246709	34.7230346698	05/12/2016	07/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	15000	3000	1000	...	0			
Affected Population	29-weeks-old heavy breeders in three pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	SHAFIR	31.6955671737	34.7295771951	05/12/2016	09/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	23000	...	1000	22000	0			
Affected Population	14-weeks-old meat turkeys divided in four pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	HAZOR-ASHDOD	31.7703777902	34.7196953216	06/12/2016	10/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	1500	...	500	1000	0			
Affected Population	19-weeks-old meat turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	BE"ER TOVIYYA	31.737024671	34.72303467	06/12/2016	09/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	22000	2000	500	21500	0			
Affected Population	25-weeks-old heavy breeders divided in three pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	MASSU"OT YIZHAQ	31.7026299962	34.6905137658	07/12/2016	11/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	26000	...	100	25900	0			
Affected Population	60-weeks-old heavy breeders divided in six pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Natural park	BEER TOVIYYA	31.7370246709	34.7230346698	08/12/2016	12/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Western Cattle Egret:Ardeidae(Bubulcus ibis)	Animals	...	1	1	0	0			
Glossy Ibis:Threskiornithidae(Plegadis falcinellus)	Animals	...	1	1	0	0			
Affected Population	The two birds were found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Farm	BE"ER TOVIYYA	31.73702467	34.723034669	09/12/2016	13/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

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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	11000	...	100	10900	0			
Affected Population	51-weeks-old light breeders in one pen.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Ashkelon		Natural park	KEFAR MENAHEM	31.7104	34.8239	10/12/2016	12/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Greylag Goose: Anatidae (Anser anser)	Animals	...	1	1	0	0			
Affected Population	Hyperthermia. Acute death.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YERUSHALAYIM-other report - submitted	-	Jerusalem		Farm	ZOR" A	31.7620625896	34.9677758598	12/12/2016	16/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	19900	...	500	19400	0			
Affected Population	11-weeks-old turkeys divided in four pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Natural park	Nahal Taninim Reserve	32.54887	34.91375	17/12/2016	19/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Pygmy cormorant: Phalacrocoracidae (Phalacrocorax pygmaeus)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Tsefat		Natural park	HULA RESERVE	33.1116	35.5772	17/12/2016	19/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Peregrin falcon: Falconidae (Falco peregrinus)	Animals	...	1	1	0	0			
Common Crane: Gruidae (Grus grus)	Animals	...	2	2	0	0			
Glossy Ibis: Threskiornithidae (Plegadis falcinellus)	Animals	...	1	1	0	0			
Affected Population	<p>The falcon showed weakness, imbalance, and breathing problems (18/12/16).</p> <p>One of the cranes was weak and unable to fly, and died (18/12/16). The second one was found dead (02/01/17).</p> <p>The Ibis was found dead (17/12/16)</p>								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Farm	MA" YAN ZEVI	32.5681544774	34.9401264104	18/12/2016	22/12/2016

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	7000	...	200	6800	0			
Affected Population	38-weeks-old turkey breeders divided in four pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YERUSHALAYIM-other report - submitted	-	Jerusalem		Natural park	BET MEIR	31.794	35.036	20/12/2016	21/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Peregrin falcon:Falconidae(Falco peregrinus)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAIFA-other report - submitted	-	Hadera		Natural park	MA' AGAN MIKHA' EL	32.56	34.91	21/12/2016	25/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Great Egret:Ardeidae(Ardea alba)	Animals	...	6	6	0	0			
Armenian Gull:Laridae(Larus armenicus)	Animals	...	1	1	0	0			
Affected Population	The birds were found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	HaSharon		Farm	KEFAR VITKIN	32.380460999	34.8790431246	22/12/2016	25/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	9000	...	100			
Affected Population	18 weeks old meat turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAMERKAZ-other report - submitted	-	Ramla		Forest	BEN SHEMEN (forest)	31.9596	34.9537	24/12/2016	25/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Eurasian buzzard (common buzzard):Accipitridae(Buteo buteo)	Animals	...	1	1	0	0			
Affected Population	Lethargic, imbalance, head tilt, mild hyperthermia.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HADAROM-other report - submitted	-	Beer-Sheva		Natural park	NEVATIM	31.2173	34.8855	24/12/2016	25/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Barn Owl (Common Barn-Owl):Tytonidae(Tyto alba)	Animals	...	1	0	1	0			
Affected Population	Found wounded in the wing. anorexia, weakness.								

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
YERUSHALAYIM-other report - submitted	-	Jerusalem		Farm	NAHAM	31.7666314782	35.0025969089	24/12/2016	31/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3400	...	100	3300	...			
Affected Population	92 weeks 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		Natural park	Eilat	29.572	34.972	26/12/2016	27/12/2016
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Greater Flamingo:Phoenicopteridae(Phoenicopterus roseus)	Animals	...	1	1	0	0			
Affected Population	Was found weak.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HAZAFON-other report - submitted	-	Yizreel		Farm	NAHALAL	32.6901572446	35.1946050863	01/01/2017	03/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	28000	...	700	27300	0			
Affected Population	9 weeks old turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TEL AVIV-other report - submitted	-	Tel-Aviv		Natural park	RAMAT GAN	32.051	34.8229	03/01/2017	09/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Greylag Goose:Anatidae(Anser anser)	Animals	...	1	0	1	0			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	1	0	1	0			
Armenian Gull:Laridae(Larus armenicus)	Animals	...	1	1	0	0			
Black-headed Gull:Laridae(Larus ridibundus)	Animals	...	1	1	0	0			
Hooded Crow:Corvidae(Corvus cornix)	Animals	...	1	1	0	0			
Muscovy Duck:Anatidae(Cairina moschata)	Animals	...	2	1	1	0			
Affected Population									

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	14/01/2017	17/01/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	27000	...	400	26600	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population	6 weeks old turkeys divided in two pens.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
HAIFA-other report - submitted	-	Hadera		Farm	MAGGAL	32.3852759696	35.0352379164	15/01/2017	18/01/2017
Birds	Animals	41000	...	300	40700	0			
Affected Population	12 weeks old turkeys divided into 3 pens.								

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- (this report - submitted)	-	HaSharon		Farm	OMEZ	32.3689793911	34.9917066835	23/01/2017	28/01/2017
Birds	Animals	33000	...	1000	32000	0			
Affected Population	117 weeks old table eggs layers								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
HAZAFON- (this report - submitted)	-	Tsefat		Natural park	Hula reserve	33.0510568916	35.6088842505	24/01/2017	
Barn Owl (Common Barn-Owl):Tytonidae(Tyto alba)	Animals	...	3	3	0	0			
Affected Population									

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- (this report - submitted)	-	HaSharon		Farm	BET HALEWI	32.3508194536	34.9269511028	28/01/2017	03/02/2017
Birds	Animals	1260	...	15	1245	0			
Affected Population	36 weeks old breeding ducks. Severe drop in lay (75%).								

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- (this report - submitted)	-	HaSharon		Farm	KEFAR MONASH	32.34357963	34.915289246	28/01/2017	02/02/2017
Birds	Animals	10000	...	2000	8000	0			
Affected Population	10 weeks old turkeys.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
HAIFA- (this report - submitted)	-	Hadera		Farm	AVI'EL	32.5303813494	34.991326989	02/02/2017	07/02/2017
Birds	Animals	52000	...	3000	49000	0			
Affected Population	7 weeks old turkeys.								

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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
HAMERKAZ- (this report - submitted)	-	HaSharon		Farm	BET HERUT	32.3777280545	34.8684271617	12/02/2017	14/02/2017
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	3000	...	500	2500	0			
Affected Population	8 weeks old turkeys. Epidemiologically linked to the outbreak in Aviel.								

Outbreak summary: Total outbreaks = 33 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	397560	26800	29315	336145	0
Mallard		3	2	1	0
Western Cattle Egret		1	1	0	0
Glossy Ibis		2	2	0	0
Greylag Goose		2	1	1	0
Pygmy cormorant		1	1	0	0
Peregrin falcon		2	2	0	0
Common Crane		2	2	0	0
Great Egret		6	6	0	0
Armenian Gull		2	2	0	0
Eurasian buzzard (common buzzard)		1	1	0	0
Barn Owl (Common Barn-Owl)		4	3	1	0
Greater Flamingo		1	1	0	0
Black-headed Gull		1	1	0	0
Hooded Crow		1	1	0	0
Muscovy Duck		2	1	1	0

Epidemiology

Epidemiological comments

The farms are on the way of migrating birds flying from Europe to Africa.

Source of the outbreak(s) or origin of infection

- Contact with wild species

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • screening • disinfection / disinfestation • quarantine • surveillance outside containment and/or protection zone • stamping out • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • zoning 	<ul style="list-style-type: none"> • no planned control measures
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 Disease Laboratory	Birds	real-time PCR	13/02/2017	Positive

Future Reporting

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

Outbreak maps

