

## Follow-up report No.: 3

Report reference: , OIE Ref: 3015, Report Date: 04/06/2006, Country: Israel

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5N1
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of first confirmation of the event</b>	16/03/2006	<b>Date of Start of Event</b>	16/03/2006
<b>Date of report</b>	04/06/2006	<b>Date Submitted To OIE</b>	05/06/2006
<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy	<b>Date Of Last Occurrence</b>	1988
<b>Number Of Reported Outbreaks</b>	Submitted= 9, Draft= 0	<b>Name of Sender of the report</b>	Dr Moshe Chaimovitz
<b>Address</b>	post office box 12 BEIT DAGAN 50250	<b>Position</b>	Director
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### Outbreak (other report - submitted) ( 02\_ISR )

HADAROM	Beer-Sheva	Unit Type	Location	Latitude	Longitude	Start	End
HADAROM	Beer-Sheva	Farm	Holit	30,6833	34,9602	16/03/2006	19/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	30000	9000	9000	21000	0	
<b>Affected Population</b>							

### Outbreak (other report - submitted) ( 01\_ISR )

HADAROM	Beer-Sheva	Unit Type	Location	Latitude	Longitude	Start	End
HADAROM	Beer-Sheva	Farm	En Hasheloshah	30,5698	34,7615	16/03/2006	19/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	12000	1800	1800	10200	0	
<b>Affected Population</b> Fattening turkeys 16 weeks old.							

### Outbreak (other report - submitted) ( 03\_ISR )

HADAROM	Ashkelon	Unit Type	Location	Latitude	Longitude	Start	End
HADAROM	Ashkelon	Village	Sede Moshe	30,6927	34,8561	17/03/2006	20/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	6500	500	500	6000	0	

Affected Population

### Outbreak (other report - submitted) ( 04\_ISR )

YERUSHALAYIM	Yerushalayim	Unit Type	Location	Latitude	Longitude	Start	End
YERUSHALAYIM	Yerushalayim	Farm	Nahshon	31,8333	34,95	17/03/2006	20/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	20000	500	500	19500	0	
Affected Population							

### Outbreak (other report - submitted)

HADAROM	Beer-Sheva	Unit Type	Location	Latitude	Longitude	Start	End
HADAROM	Beer-Sheva	Farm	Nir Oz	30,6738	34,7899	19/03/2006	22/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	80000	1000	1000	79000	0	
Affected Population Broilers, heavy breeders and turkeys.							

### Outbreak (other report - submitted)

JEHUDA & SAMARIA	Jericho	Unit Type	Location	Latitude	Longitude	Start	End
JEHUDA & SAMARIA	Jericho	Village	Beqa'Ot	31,85206	35,4121	20/03/2006	23/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	16200	100	100	16100	0	
Affected Population Broilers, heavy breeders and turkeys							

### Outbreak (other report - submitted)

HADAROM	Beer-Sheva	Unit Type	Location	Latitude	Longitude	Start	End
HADAROM	Beer-Sheva	Farm	Ammi'Oz	30,7116	34,9223	20/03/2006	23/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	56700	2000	2000	54700	0	
Affected Population Broilers, heavy breeders and turkeys							

### Outbreak (other report - submitted)

YERUSHALAYIM	Unit Type	Location	Latitude	Longitude	Start	End	
YERUSHALAYIM	YERUSHALAYIM	Farm	Ma'ale Hahamisha	31,7332	35,0075	28/03/2006	01/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	30000	150	50	29950	0	
Affected Population heavy breeders and turkeys							

### Outbreak (other report - submitted)

HADAROM	Beer-Sheva	Unit Type	Location	Latitude	Longitude	Start	End
HADAROM	Beer-Sheva	Farm	Kerem Shalom	30,6549	34,9034	30/03/2006	02/04/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	20000	150	50	19950	0	
Affected Population		heavy breeders and turkeys					

### Outbreak summary: Total outbreaks = 9 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	271400	15200	15000	256400	0

### Epidemiology

#### Epidemiological comments

On 1 April 2006, the animals of the last infected flock were culled and buried. Since that date, no further cases of highly pathogenic avian influenza subtype H5N1 have been diagnosed in Israel. The restrictions will be lifted on 8 June 2006.

The cleaning and disinfection of infected holdings and all the holdings within the 3-km-radius zone were completed on 1 May 2006. After the cleaning and disinfection of all the empty holdings, 30 days will elapse before repopulation in the protection zone. On 22 April 2006, the first holding was repopulated in a surveillance zone.

In total 1,120,000 birds in 53 commercial farms were destroyed in 15 localities within 9 days. Pits were dug 6 metres deep on each of the sites. None of the destroyed birds were moved from the premises. Nylon sheets were placed on the bottom and sides of the pits. After finishing the disposal of the dead birds, the pits were covered with lime and closed.

In order to guarantee compliance with the Veterinary Services' restrictions, agriculture inspectors and police surrounded the 10-km zones and monitored vehicle movements around the clock. A few attempts were made to violate the restrictions, but were stopped.

An epidemiological investigation was undertaken to determine the index case and the mode of spread of the disease. Personnel, vehicle and equipment movements to and from the infected holdings were thoroughly investigated. Any possible contacts originating in the infected premises were checked and observed for any possible transmission of the virus.

All farmers immediately received compensation amounting to 100% of the estimated direct damage. Indirect damage will be assessed and compensation paid to the farmers.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

### Control Measures

Applied	<ul style="list-style-type: none"> <li>• Stamping out</li> <li>• Quarantine</li> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Zoning</li> </ul>	To be applied	• No Planned Control Measures
		Vaccination Prohibited	No
Animals treated	No		

### Country / Zone

Country or zone	the whole country
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### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
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### Future Reporting

What further reports will be submitted in relation to this event?	The event is resolved. No more reports will be submitted.
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## Outbreak map

