

## Immediate notification report

Report reference: HPAI H5N8 REF OIE 30291, Report Date: 25/04/2019, Country : Israel

### Report Summary

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		<b>Date submitted to OIE</b>	25/04/2019

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	25/04/2019
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	20/04/2019
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of confirmation of the event</b>	24/04/2019
<b>Serotype(s)</b>	H5N8	<b>Date of last occurrence</b>	14/02/2017
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 1, Draft= 0		

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Hazafon- (this report - submitted)	-	Yizreel		Farm	MA"ALE GILBOA	32.4780832225	35.4180178886	20/04/2019	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Birds	Animals	13500	350	200	13300	0			
Affected Population	17 weeks old turkeys. The farm is divided into 6 pens. Mortality has been seen only in one quarter of one pen. Mortality in this part of the pen reached about 30% (200/700). Stamping out is enforced over the whole farm.								

### Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Birds	13500	350	200	13300	0

### Epidemiology

#### Epidemiological comments

Israel is on the migration route of wild birds coming from Africa to Europe. The farm is located in an aquaculture area with multiple fish ponds, attracting migrating birds.

#### 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"> <li>• movement control inside the country</li> <li>• surveillance outside containment and/or protection zone</li> <li>• surveillance within containment and/or protection zone</li> <li>• screening</li> <li>• quarantine</li> <li>• stamping out</li> <li>• zoning</li> </ul>	<ul style="list-style-type: none"> <li>• official disposal of carcasses, by-products and waste</li> <li>• disinfection</li> </ul>
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 Division	Birds	pathogen isolation by egg inoculation	25/04/2019	Pending
Private Laboratory	Northern Avian Diseases Laboratory, Egg and Poultry Board	Birds	real-time PCR	24/04/2019	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Kimron veterinary Institute, Avian Diseases Division	Birds	real-time PCR	24/04/2019	Positive

### Future Reporting

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

## Outbreak maps

