

Immediate notification report

Report reference: REF OIE 16542, Report Date: 17/11/2014, Country : United Kingdom

Report Summary

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	LONDON SW1P 3JR	Date submitted to OIE	17/11/2014

Animal type	Terrestrial	Date of report	17/11/2014
Disease	Highly pathogenic avian influenza	Date of start of the event	14/11/2014
Causal Agent	Highly pathogenic avian influenza virus	Date of pre-confirmation of the event	16/11/2014
Serotype(s)	H5	Date of last occurrence	20/08/2008
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

County	Number of outbreaks	Province	District	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
ENGLAND- (this report - submitted)	-			Farm	East Riding of Yorkshire	54.0209	-0.3751	14/11/2014	21/11/2014
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	6178	803	803	5375	0			
Affected Population	Housed duck breeding flock of approximately 6,000 60-week-old birds. • The birds showed signs of slightly raised mortality and a gradual but marked drop in egg production. • An underlying bacterial / fungal infection is likely to have preceded the infection by avian influenza contributing to presentation of clinical signs. Update on 21/11/2014 - As the birds have been destroyed and preliminary cleansing and disinfection is completed, this outbreak has now been closed.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	6178	803	803	5375	0

Epidemiology

Epidemiological comments

The epidemiological investigation has started in response to the outbreak and early information indicates that the unit routinely applies high standards of biosecurity and had not moved any birds or eggs from the premises in the preceding week. Updates will be provided in the weekly reports as further information becomes available.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • quarantine • movement control inside the country • screening • zoning • disinfection of infected premises/establishment(s) 	<ul style="list-style-type: none"> • stamping out
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
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Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
OIE's Reference Laboratory	Animal and Plant Health Agency (APHA) Weybridge	Birds	intravenous pathogenicity index (IVPI) test		Pending
OIE's Reference Laboratory	Animal and Plant Health Agency (APHA) Weybridge	Birds	nucleotide sequencing	16/11/2014	Positive
OIE's Reference Laboratory	Animal and Plant Health Agency (APHA) Weybridge	Birds	neuraminidase inhibition assay		Pending
OIE's Reference Laboratory	Animal and Plant Health Agency (APHA) Weybridge	Birds	haemagglutination inhibition test (HIT)	16/11/2014	Negative
OIE's Reference Laboratory	Animal and Plant Health Agency (APHA) Weybridge	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	16/11/2014	Positive

Future Reporting

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

Outbreak maps

