

## Follow-up report No.: 2

Report reference: jph/ai/01/07, OIE Ref: 6140, Report Date: 07/09/2007, Country: Malaysia

### 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 confirmation of Event</b>	05/06/2007	<b>Date of Start of Event</b>	02/06/2007
<b>Date of report</b>	07/09/2007	<b>Date Submitted To OIE</b>	07/09/2007
<b>Diagnosis</b>	Clinical, Laboratory (advanced), Necropsy	<b>Date Of Last Occurrence</b>	22/03/2006
<b>Number of reported outbreaks</b>	Submitted= 1, Draft= 0	<b>Name of Sender of the report</b>	Dr Dato' Dr Abd Aziz Bin Jamaluddin
<b>Address</b>	Federal Government Administrative Center	<b>Position</b>	Director General
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### Outbreak (other report - submitted) ( JPH/AI/01/07 )

State	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start	End
SELANGOR	Petaling	Sungai Buloh	Village	Paya Jaras Hilir	3,1152	101,3217	02/06/2007	10/06/2007
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	67	67	67	0	0		
<b>Affected Population</b>	semifree-ranging village chickens							

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

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	67	67	67	0	0

### Epidemiology

#### Epidemiological comments

On 6 June 2007, an outbreak of Highly Pathogenic Avian Influenza (HPAI) H5N1 was confirmed in Kampung Paya Jaras Hilir, Petaling district, in the State of Selangor, Peninsular Malaysia. Stamping-out with full compensation was implemented to eradicate the disease.

The last culling and disinfection was completed on 10 June 2007. Subsequent to that, two intensive clinical and virological surveillances were conducted in the surveillance zone, within 10 km around the outbreak. The first surveillance was conducted on 7-13 June 2007. A total of 11,443 village chickens, ducks and pet birds were examined and were found clinically healthy. A total of 2,491 cloacae swab samples were collected and tested using RT-PCR and were found negative for HPAI H5N1 virus. The second surveillance in the surveillance zone was conducted on 11-13 July 2007.

No clinical signs of HPAI in chickens, ducks and pet birds were observed. The RT-PCR tests on 2,592 cloacae samples collected in the second surveillance were also found to be negative to any evidences of HPAI H5N1 virus.

A nationwide clinical and virological surveillance has also been conducted. Populations observed include village chickens, broiler, layer and breeder chickens, ducks, pet birds, poultry in wet markets and slaughter houses and birds in bird sanctuaries. No evidence of clinical HPAI infection was observed. A total of 24,246 cloacae swab samples were also collected and RT-PCR tested and found negative to HPAI H5N1 virus.

Three months have therefore elapsed without any evidence of HPAI H5N1 virus being detected. In accordance with Article 2.7.12.4. of the OIE Terrestrial Animal Health Code, Kampung Paya Hilir, Petaling district, in the State of Selangor, in Peninsular Malaysia is no longer considered HPAI infected zone. Malaysia declares that it has regained its HPAI free country status.

<b>Source of Infection</b>	• Unknown or inconclusive
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### Control Measures

<b>Applied</b>	<ul style="list-style-type: none"> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Disinfection of infected premises/establishment(s)</li> <li>• Quarantine</li> <li>• Stamping out</li> </ul>	<b>To be applied</b>	• No Planned Control Measures
		<b>Vaccination Prohibited</b>	Yes
<b>Animals treated</b>	No		

### Country / Zone

<b>Country or zone</b>	the whole country
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### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Veterinary Research Institute, Ipoh	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	05/06/2007	Positive

### Future Reporting

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

