

Follow-up report No.: 7

Report reference: , OIE Ref: 10225, Report Date: 09/02/2011, Country: Japan

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	29/11/2010	Date of Start of Event	27/11/2010
Date of report	09/02/2011	Date Submitted To OIE	09/02/2011
Diagnosis	Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	01/04/2009
Number Of Reported Outbreaks	Submitted= 13, Draft= 0	Name of Sender of the report	Dr Toshiro Kawashima
Address	Animal Health Division	Position	CVO
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	Ministry of Agriculture, Forestry and Fisheries	Entered by	Dr Toshiro Kawashima
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Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
SHIMANE	Farm	Yasugi city	35,432211	133,251157	27/11/2010	05/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	21606	57	57	21549	0
Affected Population		poultry (layer)				

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
TOTTORI	Not applicable	Around the wild bird park	35,443384	133,30569	04/12/2010	04/12/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	0	1	0

Affected Population	Cygnus columbianus (tundra swan)
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Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Miyazaki city	Farm	Sadohara-cho	32,050989	131,431375	21/01/2011	24/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	10240	36	36	10204	0	
Affected Population		poultry (broiler breeding stock)					

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Koyu-gun	Farm	Shintomi-cho	32,0937	131,48	23/01/2011	02/02/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	410000	20	20	409980	0	
Affected Population		Poultry (layer)					

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
KAGOSHIMA	Farm	Izumi city	32,088452	130,297907	25/01/2011	26/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	8600	84	84	8516	0
Affected Population						

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
AICHI	Farm	Toyohashi city	34,711628	137,448033	26/01/2011	02/02/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	150000	120	120	149880	0
Affected Population						

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Koyu-gun	Farm	Tsuno-cho	32,271552	131,539641	27/01/2011	29/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	10401	300	300	10101	0	
Affected Population							

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Farm	Nobeoka city	32,689694	131,694947	28/01/2011	30/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	6600	67	67	6533	0
Affected Population						

Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Koyu-gun	Farm	Kawaminami-cho	32,203569	131,513972	28/01/2011	31/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	92000	428	428	91572	0	
Affected Population							

Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Koyu-gun	Farm	Takanabe-cho	32,138945	131,51007	30/01/2011	01/02/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	40000	73	73	39927	0	
Affected Population							

Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Miyazaki city	Farm	Takaoka-cho	31,956256	131,299658	01/02/2011	03/02/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	190000	193	193	189807	0	
Affected Population							

Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
OITA	Oita city	Farm	Miyao	33,118614	131,699509	02/02/2011	03/02/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	8100	58	38	8062	0	
Affected Population							

Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
MIYAZAKI	Nishiusuki-gun	Farm	Takachiho-cho	32,711657	131,308028	04/02/2011	05/02/2011

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	40000	60	60	39940	0
Affected Population						

Outbreak summary: Total outbreaks = 13 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	987547	1496	1476	986071	0
Wild species		1	0	1	0

Epidemiology

Epidemiological comments

Takanabe-cho, Koyu-gun, Miyazaki:

On 30 January 2011, poultry was tested positive for influenza A with rapid test at a farm in Takanabe-cho. Virus was identified as H5 with RT-PCR on 31 January and as H5N1 on 3 February. Mandatory movement restriction has been enforced within 10 km around the affected farm since 30 January 2011. All of the poultry at the farm was destroyed by 31 January.

Takaoka-cho, Miyazaki city, Miyazaki:

On 1 February 2011, poultry was tested positive for influenza A with rapid test at a farm in Takaoka-cho. Virus was identified as H5 with RT-PCR on 1 February and as H5N1 on 5 February. Mandatory movement restriction has been enforced within 10 km around the affected farm since 1 February 2011. All of the poultry at the farm was destroyed by 2 February.

Miyao, Oita city, Oita:

On 2 February 2011, poultry was tested positive for influenza A with rapid test at a farm in Miyao. Virus was identified as H5 with RT-PCR on 2 February and as H5N1 on 7 February. Mandatory movement restriction has been enforced within 10 km around the affected farm since 2 February 2011. All of the poultry at the farm was destroyed by 3 February.

Takachiho-cho, Nishiusuki-gun, Miyazaki:

On 4 February 2011, poultry was tested positive for influenza A with rapid test at a farm in Takachiho-cho. Virus was identified as H5 with RT-PCR on 5 February. Mandatory movement restriction has been enforced within 10 km around the affected farm since 4 February 2011. All of the poultry at the farm was destroyed by 5 February.

The outbreaks in Nobeoka city and in Kawaminami-cho reported as H5 in follow-up report No. 6 were confirmed both as H5N1 on 2 February.

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

Control Measures

Applied	<ul style="list-style-type: none"> • Stamping out • Movement control inside the country • Screening • Disinfection of infected premises/establishment(s) 	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
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	05/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	07/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	07/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	07/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	07/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	05/02/2011	Positive
Local laboratory	Oita Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	02/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	05/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	04/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	03/02/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	01/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	03/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	gene sequencing	02/02/2011	Positive
National laboratory	National Institute of Animal Health	Birds	haemagglutination inhibition test (HIT)	01/02/2011	Positive
Local laboratory	Miyazaki Livestock Hygiene Centre	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	31/01/2011	Positive
National laboratory	National Institute of Animal Health	Birds	neuraminidase inhibition assay	02/02/2011	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are Outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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

Outbreak maps

