



# FAOAIDEnews annex

Animal Influenza Disease Emergency

Situation Update 84  
March 2012

HPAI outbreaks reported in this publication refer to officially confirmed cases only. The information is compiled from the following sources: World Organisation for Animal Health (OIE), national governments and their ministries, and the European Commission (EC).

## MOST RECENT H5N1 AI OUTBREAKS 2008-2012

Note: This list has been compiled on the basis of information up to 31 March 2012.

### 2012

**March** Bangladesh, Bhutan, China (Yunnan), China (Hong Kong SAR), Egypt, India, Indonesia, Israel, Myanmar, Nepal  
**February** Viet Nam

### 2011

**November** Cambodia  
**October** Iran  
**May** Republic of Korea  
**April** West Bank, **Mongolia**  
**March** Japan

### 2010

**June** Russian Federation  
**April** Lao PDR  
**March** **Bulgaria**, Romania

### 2009

**March** Germany

### 2008

**November** Thailand  
**September** Togo  
**July** Nigeria  
**June** Pakistan  
**May** United Kingdom  
**March** Turkey  
**February** **Switzerland**, Ukraine  
**January** Saudi Arabia

*Green: areas which never had reported outbreaks in poultry*

Sources: World Organisation for Animal Health (OIE), European Commission (EC), FAO and national governments.

# AT A GLANCE

The latest HPAI outbreaks for the period 1 – 31 March 2012

**Note** AIDEnews publishes reports of **confirmed HPAI cases** using the following sources: OIE, European Commission, FAO and national governments.

## AFRICA

### Egypt

Nine positive cases of H5 HPAI were reported in four governorates in March: Beheira (1), Beni Suef (2), Damietta (2), Fayoum (1), Qena (1) and Sharqia (3) Governorates (number of outbreaks in brackets). The outbreaks in Beni-suef were both in vaccinated commercial farms; the rest of the outbreaks were in unvaccinated backyard/roof-top poultry except for the outbreak in Fayoum which occurred in vaccinated duck flock. The outbreak in Qena was the first since July 2011 in Upper Egypt.

## ASIA

### Bangladesh

A total of 12 H5N1 HPAI outbreaks were reported during the period: Dhaka Division (7), Khulna (4), Rajshahi (1). In addition, three cases of human infection with influenza A(H5N1) virus were reported; all were found during the live bird market surveillance in Dhaka City. These are the 4th, 5th and 6th cases reported in the country since 2008.

### Bhutan

Following the eight H5N1 HPAI outbreaks in southeastern Chukka District, between the end of December 2011 to mid-February 2012, including one outbreak in eastern Thimphu District in mid-January 2012, another outbreak in the Chukka District was reported in early March 2012. Furthermore, outbreaks were also reported in western Mongar District, in free-ranging chickens in the Yangbari and Patong Villages, Gongdue Block. The apparent case fatality rate was 100% in all three outbreaks.

### China

On 27 March 2012, the presence of H5N1 HPAI was detected in two chickens in a farm in the Hongta District, Yuxi City, Yunnan Province. A total of 35,018 chickens were destroyed. Samples tested positive for H5N1 HPAI by the national reference laboratory for avian influenza, Harbin.

### China (Hong Kong SAR)

During March 2012, a total of 5 wild birds were found dead and tested positive for H5N1. These were: black-headed gull *Chroicocephalus ridibundus* (1), house crow *Corvus splendens* (1), Oriental magpie robin *Copsychus saularis* (1) and peregrine falcon *Falco peregrinus* (2); also H5N1 was confirmed in a crested goshawk *Accipiter trivirgatus* and an Oriental magpie robin found dead in February 2012.

### India

On 7 March 2012, an H5N1 HPAI outbreak occurred in a State Government-run poultry farm in the Gandhigram Village, Mohanpur Block, West Tripura District, Tripura State.

## Indonesia

As of March 2012, the Participatory Disease Surveillance and Response (PDSR) programme through 33 Local Disease Control Centres covers 72,303 villages in 85.7 percent of Indonesia's 448 districts and municipalities in 29 of its 33 provinces. During each month, PDSR conducted surveillance in 1.5 percent of the villages.

	January 2012	February 2012	March 2012
Newly infected villages / 1000 villages	0.5	0.7	0.7
The highest HPAI incidence of the newly infected villages / 1000 villages	Kalimantan Tengah* (8.2)	Sulawesi Barat (7.8)	DI Yogyakarta (11.4)
	Kalimantan Timur* (4.5)	Bali (4.2)	Sulawesi Barat (10.8)
	Sulawesi Utara* (3.6)	Sulawesi Selatan (3.4)	Nusa Tenggara Barat (6.5)

\* Not all districts within these provinces are covered by the PDSR activity.

## Myanmar

An H5N1 HPAI outbreak occurred on 5 March 2012 in a farm with eight-month old layer chickens in Kyungone, Taungoo Township, Taungoo District, Bago Region. Out of 1,914 birds, 83 birds died within 5 days. 1,831 chickens, 400 eggs and 3 bags of feed were destroyed.

## Nepal

During March 2012, two H5N1 HPAI outbreaks were reported on poultry farms in Kathmandu District and Lalitpur District, Bagmati Zone, Central Region. The apparent case fatality rate was 100% in both outbreaks.

## NEAR EAST

### Israel

During the first part of March, three H5N1 HPAI outbreaks were reported in turkeys in the southern HaDarom District. A total of 51,050 birds have died or been destroyed. During the third outbreak, where 50 turkeys in a village were involved, cats were seen eating carcasses just before the culling of the birds. Later four cats were found dead around the affected pen and some showed clinical signs such as respiratory signs and weakness.

## SUMMARY OF CONFIRMED HPAI OUTBREAKS (As of 31 March 2012)

**Sources:** OIE, European Commission (EC), FAO and national governments – WHO for human cases/deaths.

**Note:** H5N1 unless otherwise indicated. Highlighted countries indicate those in which there has been only one officially confirmed H5N1 outbreak or occurrence. Dates of the last outbreak within this year are in bold.

<b>AFRICA</b>	First outbreak	Latest outbreak	Animals affected to date	Human cases / deaths to date
Benin	7 November 2007	15 December 2007	Domestic poultry	-
Burkina Faso	1 March 2006	20 May 2006	Domestic poultry - wild birds	-
Cameroon	21 February 2006	28 March 2006	Domestic poultry – wild birds	-
Côte d'Ivoire	31 March 2006	31 January 2007	Domestic poultry – wild birds	-
Djibouti	6 April 2006	6 April 2006	Domestic poultry	1 / 0
Egypt	17 February 2006	<b>27 March 2012</b>	Domestic poultry – wild birds – donkeys	<b>163 / 57</b>
Ghana	14 April 2007	13 June 2007	Domestic poultry	-
Niger	6 February 2006	1 June 2006	Domestic poultry	-
Nigeria	16 January 2006	22 July 2008	Domestic poultry – wild birds	1 / 1
South Africa	1 February 2011	<b>13 January 2012</b> (H5N2, PCR H5 positive)	Ostrich	-
Sudan	25 March 2006	4 August 2006	Domestic poultry	-
Togo	6 June 2007	8 September 2008	Domestic poultry	-

  

<b>ASIA</b>	First outbreak	Latest outbreak	Animals affected to date	Human cases / deaths to date
Afghanistan	2 March 2006	2 October 2007	Domestic poultry – wild birds	-
Bangladesh	5 February 2007	<b>28 March 2012</b>	Domestic poultry	6 / 0
Bhutan	18 February 2010	<b>27 March 2012</b>	Domestic poultry	-
Cambodia	12 January 2004	3 November 2011	Domestic poultry – wild birds	<b>19 / 17</b>
China	20 January 2004	<b>27 March 2012</b>	Domestic poultry – wild birds	-
China (Hong Kong SAR)	19 January 2004	<b>15 March 2012</b>	Domestic poultry – Wild birds	<b>42 / 28</b>
India	27 January 2006	<b>7 March 2012</b>	Domestic poultry – wild birds	-
Indonesia	2 February 2004	<b>March 2012</b>	Domestic poultry – pigs (with no clinical signs)	<b>188 / 156</b>
Japan	28 December 2003	16 March 2011	Domestic poultry – wild birds – raccoons (no clinical signs)	-
Kazakhstan	22 July 2005	10 March 2006	Domestic poultry – wild birds	-
Korea, Rep. of	10 December 2003	16 May 2011	Domestic poultry – wild birds	-
Lao PDR	15 January 2004	27 April 2010	Domestic poultry	2 / 2
Malaysia	7 August 2004	2 June 2007	Domestic poultry – wild birds	-
Mongolia	10 August 2005	5 April 2011	Wild birds	-
Myanmar	8 March 2006	<b>5 March 2012</b>	Domestic poultry	1 / 0
Nepal	8 January 2009	<b>16 March 2012</b>	Domestic poultry	-
Pakistan	23 February 2006	17 June 2008	Domestic poultry – wild birds	3 / 1
Thailand	23 January 2004	10 November 2008	Domestic poultry – wild birds – tiger	25 / 17
Viet Nam	9 January 2004	<b>20 February 2012</b>	Domestic poultry	<b>123 / 61</b>

  

<b>NEAR EAST</b>	First outbreak	Latest outbreak	Animals affected to date	Human cases / deaths to date
Iran	2 February 2006	17 October 2011	Domestic poultry - wild birds	-
Iraq	18 January 2006	1 February 2006	Domestic poultry – wild birds	3 / 2
Israel	16 March 2006	<b>13 March 2012</b>	Domestic poultry – Emu (zoo)	-
Jordan	23 March 2006	23 March 2006	Domestic poultry	-
Kuwait	23 February 2007	20 April 2007	Domestic poultry – wild birds – zoo birds	-
Saudi Arabia	12 March 2007	29 January 2008	Domestic poultry	-
West Bank & Gaza Strip	21 March 2006	27 February 2011	Domestic poultry	-

<b>EUROPE</b>	<b>First outbreak</b>	<b>Latest outbreak</b>	<b>Animals affected to date</b>	<b>Human cases / deaths to date</b>
Albania	16 February 2006	9 March 2006	Domestic poultry	-
Austria	10 February 2006	22 March 2006	Wild birds – cats	-
Azerbaijan	2 February 2006	18 March 2006	Wild birds – domestic poultry – dogs	8 / 5
Bosnia-Herzegovina	16 February 2006	16 February 2006	Wild birds	-
Bulgaria	31 January 2006	29 March 2010	Wild birds	-
Croatia	21 October 2005	24 March 2006	Wild birds	-
Czech Republic	20 March 2006	11 July 2007	Wild birds – domestic poultry	-
Denmark	12 March 2006	22 May 2006	Wild birds – domestic poultry	-
France	17 February 2006	14 August 2007	Wild birds – domestic poultry	-
Georgia	23 February 2006	23 February 2006	Wild birds	-
Germany	8 February 2006	10 January 2009 mallard, wild	Wild birds – domestic poultry – cats – stone marten	-
Greece	30 January 2006	27 March 2006	Wild birds	-
Hungary	4 February 2006	23 January 2007	Wild birds – domestic poultry	-
Italy	1 February 2006	19 February 2006	Wild birds	-
Poland	2 March 2006	22 December 2007	Wild birds – domestic poultry	-
Romania	7 October 2005	27 March 2010	Wild birds – domestic poultry – cat	-
Russian Federation	15 July 2005	5 June 2010 wild birds	Domestic poultry – wild birds	-
Serbia	28 February 2006	16 March 2006	Wild birds – domestic poultry	-
Slovakia	17 February 2006	18 February 2006	Wild birds	-
Slovenia	9 February 2006	25 March 2006	Wild birds	-
Spain	7 July 2006	9 October 2009 (H7)	Poultry	-
Sweden	28 February 2006	26 April 2006	Wild birds – domestic poultry – game birds – mink	-
Switzerland	26 February 2006	22 February 2008	Wild birds	-
Turkey	1 October 2005	9 March 2008	Domestic poultry – wild birds	12 / 4
Ukraine	2 December 2005	11 February 2008	Wild birds – domestic poultry – zoo birds	-
United Kingdom	30 March 2006	22 May 2008 (H7N7)	Wild birds – domestic poultry	-

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