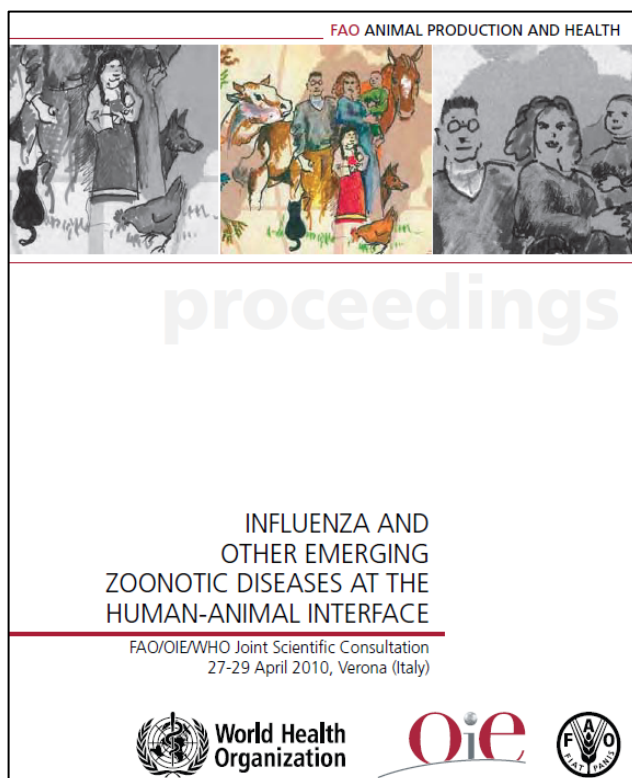


HPAI outbreaks reported in this publication refer to officially confirmed cases only. The information is compiled from the following sources: World Organisation for Animal Health (OIE), national governments and their ministries, and the European Commission (EC).

Second FAO-OIE-WHO Joint Scientific Consultation Published

The outcomes of the second Joint Scientific Consultation among the FAO, the World Organization for Animal Health (OIE) and the World Health Organization (WHO) have been published. The document underlines the growing consensus that the scientific community must move beyond avian influenza to reduce disease risks, especially those emerging from animals with potential implications for human health, food security and livelihoods.



“For the first consultation, the focus was on avian influenza, but, for the second consultation, there was a wider realization that we needed broader thinking on other influenza subtypes and emerging zoonoses – animal diseases that can be passed to humans – in general,” said Katinka de Balogh, Senior Officer at the Animal Health Service of FAO.

FAO has been moving progressively toward adopting a “One Health” approach to combat animal diseases. Essentially, from studying avian influenza for pandemic preparedness, it came to light that there’s a need to consider other animal diseases and environmental factors – such as the growth in scaled-up industrial production systems; legal and illegal trade in wildlife and even wildlife farming; the interface with species that might serve as a virus reservoir or with vector species that can transmit disease; and the role of human behaviour in spreading disease.

The publication can be found [here](#).

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AIDEnews is an FAO ECTAD publication

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MOST RECENT H5N1 AI OUTBREAKS 2006-2011

Note: This list has been compiled on the basis of information up to 31 October 2011.

2011

October	Egypt, Iran, Viet Nam
September	Bangladesh, India, Indonesia
August	Cambodia
May	Republic of Korea
April	West Bank, Mongolia
March	China (Hong Kong SAR), India, Japan, Myanmar

2010

October	Nepal
June	Russian Federation
May	China
April	Israel, Lao PDR
March	Bhutan, Bulgaria , Romania

2009

March	Germany
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2008

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

2007

December	Benin, Iran, Poland
October	Afghanistan
August	France
July	Czech Republic
June	Ghana, Malaysia
April	Kuwait
January	Côte d'Ivoire, Hungary

2006

August	Sudan
July	Spain
June	Niger
May	Burkina Faso, Denmark
April	Djibouti, Sweden
March	Albania, Austria , Azerbaijan, Cameroon, Croatia , Greece , Jordan, Kazakhstan, Serbia, Slovenia
February	Bosnia-Herzegovina , Georgia , Iraq, Italy , Slovakia

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 October 2011

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

AFRICA

Egypt

Five positive cases of H5N1 HPAI were reported in four governorates in October: Behera (1), Fayoum (1), Gharbia (1) and Giza (2) Governorates (number of outbreaks in brackets). The outbreak in Behera occurred in a vaccinated commercial farm, other outbreaks were in unvaccinated backyard/roof-top poultry.

ASIA

Indonesia

September 2011: The Participatory Disease Surveillance and Response (PDSR) programme through 33 Local Disease Control Centres covers 72,113 villages in 86 percent of Indonesia's 448 districts and municipalities in 29 of its 33 provinces. During September, PDSR conducted surveillance in 1,221 villages (1.7 percent). The overall HPAI incidence was 0.8 infected villages per 1 000 villages under surveillance. The highest HPAI incidence occurred in Bali Province (5.6 per 1 000), followed by Sulawesi Tengah (4.3 per 1 000), Sulawesi Barat (3.1 per 1 000), Sulawesi Selatan (2.8 per 1 000), and Kalimantan Barat (3.1 per 1 000). There were HPAI outbreaks in two villages in Flores Timur District, Nusa Tenggara Timur Province reported by the Disease Investigation Centre Denpasar. No village visits were undertaken in DKI Jakarta and Kalimantan Selatan Provinces during this period.

Viet Nam

During the first part of October, there were no new outbreaks reported on the government website. However, it seems that Quang Ngai Province in the South Central Coast Region had sporadic outbreaks since the disease information released on 29 October 2011 indicated that the province was less than 21 days after the last HPAI H5N1 outbreaks. On 24 October 2011, an outbreak of HPAI occurred in 11 households in Quynh Luu District, Nghe An Province in the North Central Coast Region.

NEAR EAST

Iran

H5N1 HPAI outbreaks have been reported in three villages in Mazandaran Province. The first two outbreaks started in 13 September 2011 among backyard free-range ducks. Samples sent to the Central Veterinary Laboratory (CVL) in Teheran tested positive on 15 September by reverse transcription - polymerase chain reaction (RT-PCR), and H5N1 was confirmed by the Reference Laboratory for Avian Influenza in Padova, Italy on 10 October.

On 17 October, another H5N1 HPAI outbreak occurred in a farm with 5 500 poultry (farmed ducks, geese and backyard chickens). This was again confirmed by the CVL using RT-PCR.

SUMMARY OF CONFIRMED HPAI OUTBREAKS (As of 31 October 2011)

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.

AFRICA	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	20 October 2011	Domestic poultry – wild birds – donkeys	151 / 52
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	20 September 2011 (H5N2, PCR H5 positive)	Ostrich	-
Sudan	25 March 2006	4 August 2006	Domestic poultry	-
Togo	6 June 2007	8 September 2008	Domestic poultry	-
ASIA	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	6 September 2011	Domestic poultry	3 / 0
Bhutan	18 February 2010	14 March 2010	Domestic poultry	-
Cambodia	12 January 2004	25 August 2011	Domestic poultry – wild birds	18 / 16
China	20 January 2004	9 May 2010 wild birds	Domestic poultry – wild birds	40 / 26
China (Hong Kong SAR)	19 January 2004	1 March 2011	Domestic poultry – Wild birds	-
India	27 January 2006	14 September 2011	Domestic poultry	-
Indonesia	2 February 2004	September 2011	Domestic poultry – pigs (with no clinical signs)	179 / 147
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	16 March 2011	Domestic poultry	1 / 0
Nepal	8 January 2009	25 October 2010	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	24 October 2011	Domestic poultry	119 / 59
NEAR EAST	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	6 April 2011 (Jordan Valley)	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	-

EUROPE	First outbreak	Latest outbreak	Animals affected to date	Human cases / deaths to date
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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