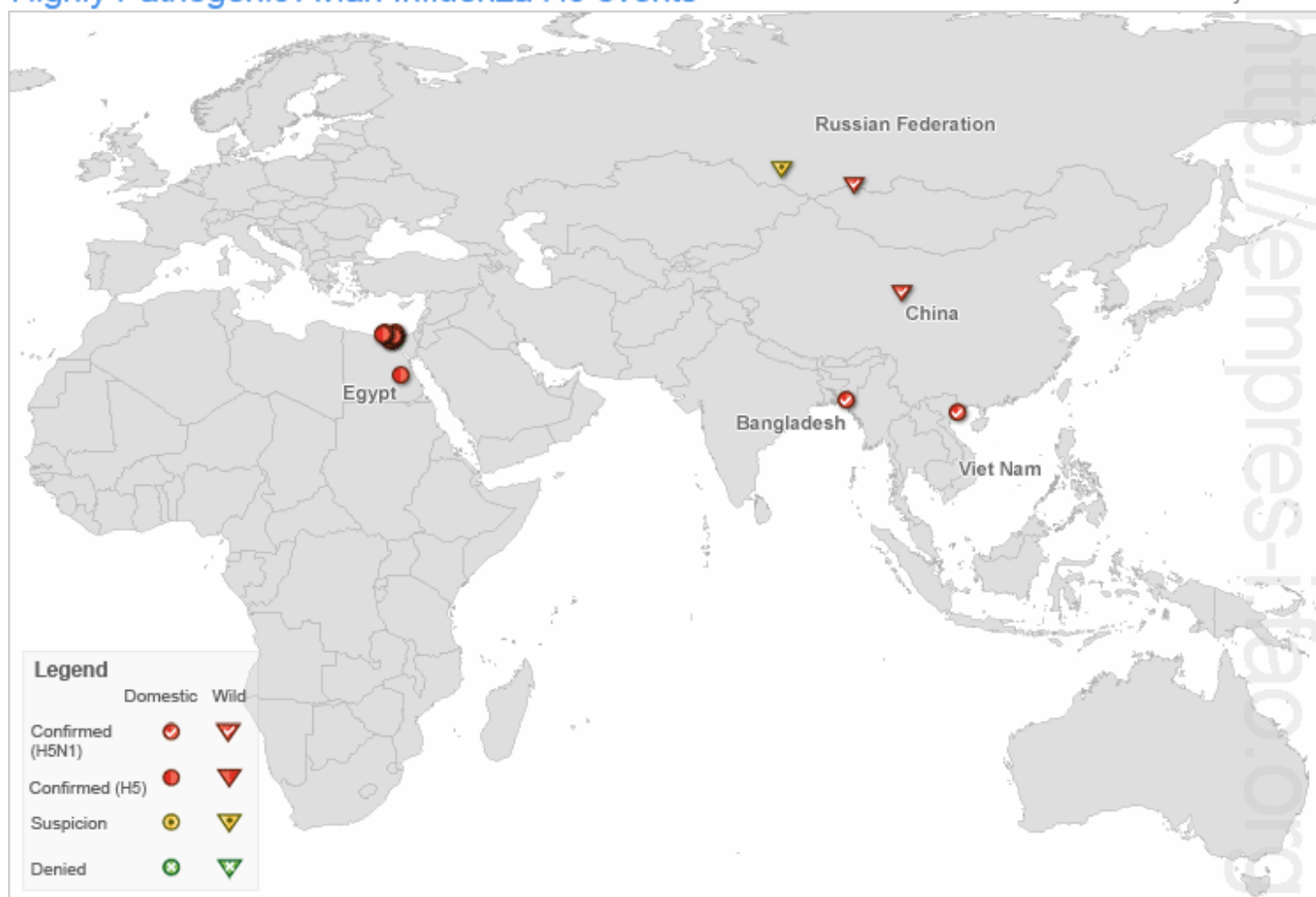


## Highly Pathogenic Avian Influenza H5 events

2 June - 2 July 2009



Note: A map of the latest 6 months confirmed outbreaks is also available at the end of this document.

## WHAT'S NEW in this issue?

**AFRICAN REGION****Egypt**

- Confirmed outbreaks of H5 HPAI in poultry (Behera)

**ASIAN REGION****Bangladesh**

- Confirmed outbreak of H5N1 HPAI in poultry (Chittagong)

**Cambodia**

- Negative results from HPAI surveillance

**Viet Nam:**

- Additional information on a confirmed H5N1 HPAI outbreak in poultry (Quang Ninh)

**Mongolia**

- Additional information on confirmed cases of H5N1 in wild birds (Arkhangai)

**EUROPEAN REGION****Spain**

- Confirmed Low Pathogenic Avian Influenza (H5) infection in poultry (Navarra)

**NOTE: UPDATED INFORMATION IS INDICATED IN RED****AFRICAN REGION****Egypt****OFFICIAL****01/07/09 - Confirmed H5 HPAI outbreaks in poultry, Behera (National authorities)**

H5 HPAI outbreaks have been reported in Behera Governorate in:

- Abo Elmatamir Village, Abo Elmatamir District: the birds (20 household chickens and ducks of unknown vaccination status) were sampled on 24 June 2009 and tested positive on 25 June 2009.
- Elmofti Village, Kafr Eldawar District: the birds (unvaccinated household ducks, geese and chickens) were sampled on 26 June 2009 and tested positive on 26 June 2009.
- Elboussily Village, Rashid District: the birds (20 unvaccinated household ducks) were sampled on 26 June 2009 and tested positive on 26 June 2009.

18/06/09 - Confirmed H5 HPAI outbreaks in poultry, Dakahlia, Luxor (National authorities)

H5 HPAI outbreaks have been reported in:

- El Baghdadi Village, Elbayadia Distrit, Luxor Governorate: the birds (27 household unvaccinated chickens) were sampled on 16 June 2009 and tested positive on 16 June 2009.
- Zofr Village, Timai Elamdid District, Dakahlia Governorate: the birds (184 household poultry (ducks, geese, turkey) of unknown vaccination status) were sampled on 15 June 2009 and tested positive on 16 June 2009.

## ASIAN REGION

### Bangladesh

#### OFFICIAL

**01/07/09 – Confirmed outbreak of H5N1 HPAI in poultry, Chittagong (FAO officers)**

On 22 June 2009, H5N1 HPAI was reported in Word No. 24 Village, Agrabad Union, Double Mooring Upazilla, Chittagong District, Chittagong Division. The affected farm housed 969 chickens, of which 50 died and 919 were culled. In addition, 315 eggs were destroyed. This is the first H5N1 HPAI outbreak since 9 May 2009.

[http://www.mofl.gov.bd/daily\\_birdflu\\_report.pdf](http://www.mofl.gov.bd/daily_birdflu_report.pdf)

### Cambodia

#### OFFICIAL

**29/06/09 – Negative results from HPAI surveillance (UN System)**

From 22-29 June 2009, the animal health hotline at the National Veterinary Research Institute received seven calls asking general questions about avian influenza in poultry.

23/06/09 – Negative results from HPAI surveillance (UN System)

From 15 to 22 June 2009, the animal health hotline at the National Veterinary Research Institute received one call reporting sick and dead poultry in Kandal Province. A team of provincial and district veterinarians went to the affected village and decided that avian influenza was not the cause of the illness and death.

### Indonesia

#### NON-OFFICIAL

21/06/08 – Suspected case of H5N1 AI infection in human, South Jakarta (News, Bird Flu Information Corner – translated from Pos Kota)

A five-year old child from Tegal Parang, South Jakarta, died on 19 June 2009. The child had returned from his relatives in Sukabumi, West Java and then visited other relatives in Pejaten Barat, South Jakarta, where chickens were reported to have suddenly died. On 8 June 2009 started showing symptoms and improved. The Livestock and Marine Subservice South Jakarta sampled birds around the victim's neighbourhood.

<http://birdflucorner.wordpress.com/2009/06/20/south-jakarta-a-5-year-old-child-dies-of-bird-flu-infection/>  
<http://www.poskota.co.id/berita-terkini/2009/06/20/bocah-korban-flu-burung-meninggal>

### Mongolia

#### OFFICIAL

**29/06/09 – Additional information on confirmed cases of H5N1 infection in wild birds, Arkhangai (World Organisation for Animal Health – OIE)**

The samples taken from migratory swans (9 deaths, 1 destroyed) found in Doitiin Tsagaan Lake, Ugii-nuur Soum, Arkhangai Aimag, and initially reported as H5 positive (*Issue*

383 -28/05/2009), have tested positive for H5N1 at OIE's Reference Laboratory in Hokkaido University.

[http://www.oie.int/wahis/public.php?page=single\\_report&pop=1&reportid=8235](http://www.oie.int/wahis/public.php?page=single_report&pop=1&reportid=8235)

### Viet Nam

#### OFFICIAL

**26/06/09 – Additional information on a confirmed H5N1 HPAI outbreak in poultry, Quang Ninh (World Organisation for Animal Health – OIE)**

The H5N1 HPAI outbreak reported in four households of Lien Hoa Commune mentioned on the previous issue (*Issue 386 - 25/06/2009*) has been reported to OIE.

22/06/09 - Confirmed H5N1 HPAI outbreak in poultry, Quang Ninh (National authorities)

From 18 June 2009, poultry has died in a small raising household in Lien Hoa Commune, Yen Hung District, Quang Ninh Province. On 20 June 2009, Quang Ninh Sub-Department of Animal Health (SDAH) took blood samples and sent them to Regional Animal Health Office (RAHO) number 11, which tested positive. As of 22 June 2009, outbreaks have been occurring in four households of Lien Hoa Commune, affecting 403 ducks, 97 Muscovy ducks and 4 chickens (out of a flock of 1,830 birds with 1,680 ducks, 100 Muscovy ducks and 50 chickens). The local steering committee on AI has culled the above flock and applied all needed preventive and control measure.

[http://www.cucthuy.gov.vn/index.php?option=com\\_content&task=view&id=1531&Itemid=1&lang=vn](http://www.cucthuy.gov.vn/index.php?option=com_content&task=view&id=1531&Itemid=1&lang=vn)

## EUROPEAN REGION

### Spain

#### OFFICIAL

**26/06/09 – Confirmed Low Pathogenic Avian Influenza (H5) infection in poultry, Navarra (World Organisation for Animal Health – OIE & European Commission – EC)**

Low pathogenic avian influenza virus (H5) has been reported in a farm in ducks kept for meat production in Los Arcos, Navarra. The outbreak was detected in one of the 11 pens on the farm (pen 7). Ducks in the affected pen have been culled on site (3,600 in total) and the carcasses destroyed.

[http://www.oie.int/wahis/public.php?page=single\\_report&pop=1&reportid=8233](http://www.oie.int/wahis/public.php?page=single_report&pop=1&reportid=8233)

### Russian Federation

#### OFFICIAL

24/06/09 – Confirmed H5N1 infection in wild birds, Uvs Noor Lake (World Organisation for Animal Health – OIE)

The 58 cases suspected of H5N1 AI infection mentioned on the previous issue (*16/06/08 - News*) have been reported to OIE.

[http://www.oie.int/wahis/public.php?page=single\\_report&pop=1&reportid=8220](http://www.oie.int/wahis/public.php?page=single_report&pop=1&reportid=8220)

#### NON-OFFICIAL

24/06/08 – Suspected cases of H5N1 AI seropositive wild birds, Altay Kray (News, GPHIN 5282000, News Provider: Factiva; News Source: IA REGNUM)

Antibodies to H5N1 AI were found in the blood of wild water-birds in Altay Kray: 231 samples from wild birds were analysed and 71 showed positive results. In Altay Republic: 188 samples were analysed, all negative. As for vaccination in poultry, in Altay Kray 786,750 birds were vaccinated and 17,083 birds were revaccinated. In Altay Republic: 92,964 birds were vaccinated and vaccination of adult birds is over.

<http://www.regnum.ru/news/1178768.html>

## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE AFRICAN REGION

Country/Territory	First outbreak/case	Last outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	Reported: 07/11/07 Oueme, Adjara	Reported: 15/12/07 Oueme, Avrankou	domestic poultry	no
Burkina Faso	Observed: 02/03/06 Reported: 04/03/06 Centre-ouest, Sanguie	Reported: 20/05/06 Centre-ouest, Sanguie	domestic poultry	no
Cameroon	Observed: 21/02/06 Reported: 12/03/06 Extreme-Nord, Diamare	Reported: 28/03/06 Nord, Benoue	domestic poultry, wild birds	no
Côte d'Ivoire	Observed: 30/03/06 Reported: 25/04/06 Bas Sassandra, Sassandra	Reported: 21/05/07 N'zi Comoe, Daoukro	domestic poultry	no
Djibouti	Reported: 24/04/06 Djibouti, Jibuti	Reported: 24/04/06 Djibouti, Jibuti	domestic poultry	1/0
Egypt	Observed: 17/02/06 Reported: 20/02/06 Qina	Reported: 26/06/09 Behera	domestic poultry	78/27
Ghana	Reported: 21/04/07 Greater-Accra region, Tema	Reported: 13/06/07 Volta, Ketu	domestic poultry	no
Niger	Observed: 06/02/06 Reported: 27/02/06 Zinder, Magaria	Observed: 02/05/06 Reported: 24/05/06 Maradi, Madarounfa	domestic poultry	no
Nigeria	Observed: 16/01/06 Reported: 05/02/06 Kaduna, Igabi	Observed: 22/07/08 Reported: 25/07/08 Kano and Katsina	domestic poultry	1/1
Sudan	Observed: 25/03/06 Reported: 18/04/06 Al Jazeera East, Al Jazeera	Observed: 29/08/06 Reported: 31/08/06 Bahr Al Jabal, Bahr Al Jabal	domestic poultry	no
Togo	Observed: 15/06/07 Reported: 22/06/07 Maritime, Lacs	Observed: 16/09/08 Reported: 18/09/08 Maritime, Lacs	domestic poultry	no

## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE ASIAN REGION

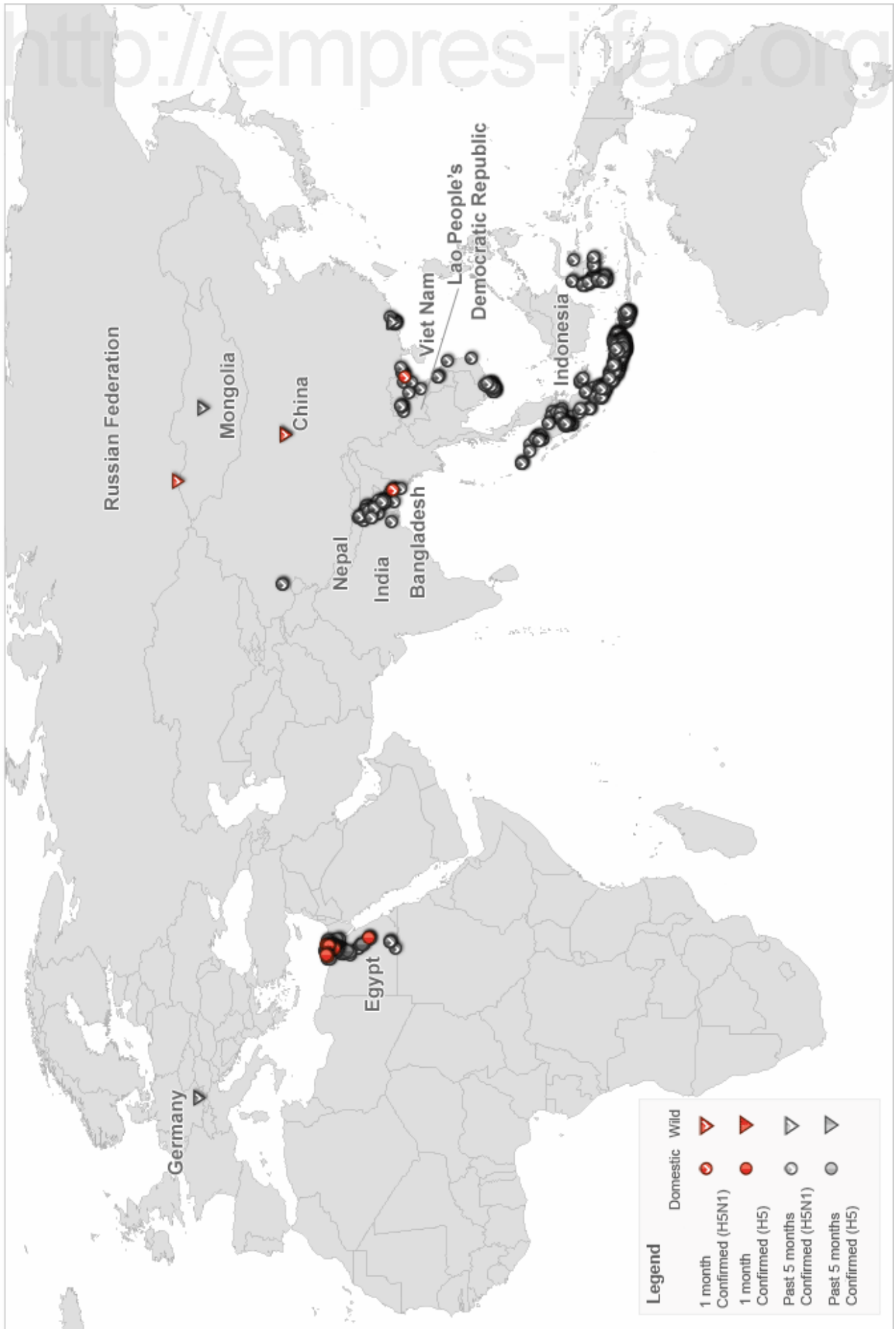
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	no
Bangladesh	Reported: 22/02/07 Dhaka, Dhaka	Observed: 21/06/09 Reported: 22/06/09 Chittagong	domestic poultry	1/0
Cambodia	Reported: 12/01/04 Phnom Penh, Tuol Kouk	Observed: 15/12/08 Reported: 17/12/08 Kandal	humans, domestic poultry	8/7
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 26/05/09 Reported: 04/06/09 Qinghai	wild birds, domestic poultry	38/25
Hong Kong SAR, China	Observed: 19/01/04 Reported: 26/01/04 Kowloon	Observed: 27/04/09 Reported: 29/04/09 Tuen Mun	wild birds, domestic poultry	no
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 20/05/09 Reported: 28/05/09 West Bengal	humans, domestic poultry	no
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 16/03/09 Reported: 23/03/09 West Java	domestic poultry,	141/115
Iran (Islamic Republic of)	Observed: 02/02/06 Reported: 07/02/06 Gilan, Someehsara	Reported: 10/01/08 Mazandaran, Neka	wild birds, domestic poultry	no
Iraq	Observed: 18/01/06 Reported: 02/02/06 As Sulaymaniyah, Rania	Observed: 01/02/06 Reported: 10/02/06 Missan, Amara	domestic poultry, domestic mammal	3/2
Israel	Observed: 16/03/06 Reported: 04/04/06 Jerusalem	Observed: 27/12/07 Reported: 01/01/08 Haifa	domestic poultry	no
Japan	Reported: 28/12/03 Yamaguti, Atootyoo	Observed: 08/05/08 Reported: 01/06/08 Aomori	domestic poultry, wild birds	no
Jordan	Reported: 23/03/06 Ajloun, Ajloun	Reported: 23/03/06 Ajloun, Ajloun	domestic poultry	no
Kazakhstan	Observed: 22/07/05 Reported: 02/08/05 Pavlodarskaya, Irtishskiy	Observed: 10/03/06 Reported: 21/03/06 Mangistauskaya, Aqtai City area	domestic poultry, wild birds	no
Kuwait	Reported: 25/02/07 Al Farnawiyah	Reported: 23/04/07 Al Ahmadi	wild birds, domestic poultry, zoo birds	no
Lao People's Democratic Republic	Observed: 15/01/04 Reported: 27/01/04 Sayabouri, Boten	Observed: 05/02/09 Reported: 17/02/09 Phongsaly	domestic poultry	2/2
Malaysia	Observed: 07/08/04 Reported: 17/08/04 Tumpat, Kelantan	Reported: 02/06/07 Selangor Kuala, Selangor	domestic poultry	no
Mongolia	Observed: 02/08/05 Reported: 08/08/05 Hovsgol, Alag-Erdene	Observed: 20/05/09 Reported: 28/05/09 Arkhangai	wild birds	no
Myanmar	Observed: 08/03/06 Reported: 13/03/06 Mandalay, Meikthila	Reported: 23/12/07 Shan (S), Loilem	domestic poultry	1/0
Nepal	Observed: 08/01/09 Reported: 16/01/09 Jhapa, Mechi	Observed: 17/02/09 Reported: 20/02/09 Jhapa, Mechi	domestic poultry	no
Pakistan	Reported: 27/02/06 NWFP, Charsadda	Observed: 17/06/08 Reported: 22/06/08 NWFP, Swabi	domestic poultry	3/1
Republic of Korea	Reported: 10/12/03 Chungchongbuk-do,	Observed: 12/05/08 Reported: 20/05/08 Kyongsangnam-do	domestic poultry	no
Saudi Arabia	Observed: 10/11/05 Reported: 11/11/05 Eastern Province	Reported: 29/01/08 Riyad	domestic poultry, wild birds	no
Thailand	Reported: 23/01/04 Suphanburi, Song Phi Nong	Observed: 10/11/08 Reported: 17/11/08 Uthai Thani, Nong Chang	domestic poultry	25/17
Viet Nam	Observed: 27/12/03 Reported: 09/01/04 Long An, Chau Thanh (Long An)	Observed: 18/06/09 Reported: 22/06/09 Quang Ninh	domestic poultry	111/56
West Bank and Gaza Strip	Reported: 22/03/06 Tubas	Reported: 22/03/06 Tubas	domestic poultry	no

## SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE EUROPEAN REGION

Country /Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Albania	Observed: 16/02/06 Reported: 07/03/06 Sarande, Aliko	Observed:09/03/06 Reported: 24/03/06 Tirane, Peze	domestic poultry	no
Austria	Observed: 10/02/06 Reported: 23/02/06 Steiermark, Graz	Observed: 22/03/06 Reported: 27/03/06 Oberosterreich, Perg	wild birds	no
Azerbaijan	Observed: 02/02/06 Reported: 03/02/06 Baku	Observed: 18/03/06 Reported: 23/03/06 Tauz	wild birds, domestic poultry	8/5
Bosnia and Herzegovina	Observed: 16/02/06 Reported: 20/02/06 Srednjobosan ski	Observed:16/02/06 Reported: 20/02/06 Srednjobosan ski	wild birds	no
Bulgaria	Observed: 31/01/06 Reported: 04/02/06 Vidin, Vidin	Reported: 25/05/06 Silistra, Glavititca	wild birds, domestic poultry	no
Croatia	Observed: 21/10/05 Reported: 22/10/05 Virovitica-p odravina	Observed: 24/03/06 Reported: 12/04/06 Grad, Zagreb	wild birds	no
Czech Republic	Observed: 25/03/06 Reported: 29/03/06 Jihocesky, Ceske Budejovice	Reported: 11/07/07 Vychodocesky, Usti nad Orlici	wild bird, domestic poultry	no
Denmark	Observed:22/03/06 Reported: 24/04/06 Fyn, Aeroeskoebing	Reported: 18/05/06 Fyn, Kerteminde	wild birds, domestic poultry	no
France	Observed:17/02/06 Reported: 20/02/06 Rhone Alpes, Ain	Reported: 09/08/07 Lorraine, Moselle	wild birds,	no
Germany	Reported: 06/07/07 Bayern, Mittelfranken	Observed: 10/01/09 Reported: 10/03/09 Bavaria	wild birds, domestic poultry	no
Greece	Reported: 30/01/06 Kentriki Makedonia, Pierias	Observed: 04/03/06 Reported: 27/03/06 Kentriki Makedonia, Thessalonikis	wild birds	no
Hungary	Reported: 04/02/06 Bacs-kiskun	Reported: 29/01/07 Csongrad	wild birds	no
Italy	Observed: 01/02/06 Reported: 11/02/06 Calabria Vibo, Valentia	Reported: 19/02/06 Umbria, Perugia	wild birds	no
Poland	Reported: 15/02/06 Pomorskie, Nowy Dwor Gdanski	Reported: 22/12/07 Lodzkie, Poddebice	wild birds, domestic poultry	no
Romania	Reported: 07/10/05 Tulcea	Reported: 06/12/07 Tulcea	wild birds, domestic poultry, cat	no
Russian Federation	Observed:15/07/05 Reported: 22/07/05 Novosibirska ya Oblast	Observed:11/06/08 Reported: 24/06/08 Respublika Tyva	domestic poultry, wild birds	no
Serbia	Reported: 28/02/2006 Zapadno-backi	Reported: 15/03/2006 Zlatiborski	wild birds, domestic poultry	no
Slovakia	Reported: 17/02/06 Slovakia, Bratislava	Reported: 18/02/06 Slovakia, Trnava	wild birds	no
Slovenia	Observed:09/02/06 Reported: 14/02/06 Podravska, Maribor	Observed:25/03/06 Reported: 30/03/06 Podravska, Maribor	wild birds	no
Spain	Reported: 07/07/06 Pais Vasco, Alava	Reported: 07/07/06 Pais Vasco, Alava	wild birds	no
Sweden	Reported: 28/02/06 Kalmar Laen, Oskarshamn	Observed:26/04/06 Reported: 27/04/06 Stockholms Laen, Haninge	wild birds	no
Switzerland	Reported: 26/02/06 Geneve	Observed: 22/03/06 Reported: 28/03/06 Luzern	wild birds	no
Turkey	Observed: 05/10/05 Reported: 09/10/05 Balikesir, Manyas	Observed: 09/03/08 Reported: 18/03/08 Edirne, Merkez	domestic poultry, wild birds	12/4
Ukraine	Reported: 02/12/05 Krym	Observed: 11/02/08 Reported: 13/02/08 Krym	wild birds, domestic poultry	no
United Kingdom	Observed: 05/04/06 Reported: 06/04/06 Scotland, Central	Reported: 29/02/08 England, Dorsetshire	wild birds, domestic poultry	no

Highly Pathogenic Avian Influenza H5 confirmed outbreaks

2 January - 2 July 2009



## CONTACTS

The HPAI Situation Update compiles data on Highly Pathogenic Avian Influenza outbreaks. It is updated weekly, published in PDF format and automatically sent by email to a list of subscribers. We have received many requests to join the *HPAI Situation Update* distribution list. While we highly value the growing interest and wider distribution, it is hard for us to manage the increasing list of contacts. We would therefore appreciate if the contacts in each organisation/country could forward the document to all relevant people within their organisation/country.

The ECTAD HPAI Situation Update has been prepared by the EMPRES (Emergency Prevention Programme for Transboundary Animal Diseases) / GLEWS (Global Early Warning for Major Animal Diseases, including Zoonoses) team of the Animal Production and Health Division of the Food and Agriculture Organization of the United Nations.

Additional information on the outbreaks can be found in EMPRES-i web-based database (<http://empres-i.fao.org/empres-i/login>). Electronic version of the maps can be found on the website <http://www.fao.org/EMPRES/default.htm>.

For further information about the FAO HPAI Situation Update please contact the EMPRES/GLEWS team in FAO [GLEWS@fao.org](mailto:GLEWS@fao.org)

## DISCLAIMER

**FAO** compiles information from numerous sources (FAO representatives or country missions, FAO reports, OIE, official government sources, European Commission, FAO reference centres, laboratories and FAO collaborators) and produces these composite maps in a representative effort to provide full and accurate information.

**FAO** welcomes information to clarify disease or infection occurrence in areas that have not been properly depicted (with supporting documentation to make the required changes based on FAO validation and verification procedures). If you want to share information with GLEWS please send messages to [GLEWS@fao.org](mailto:GLEWS@fao.org)

**MAP:** The maps represent occurrences of confirmed or suspected cases of H5 and H5N1 reported over the last 30 days (1<sup>st</sup> map) and last six months (2<sup>nd</sup> map). H5 cases are represented for countries where N-subtype characterization is not being performed for secondary cases or when laboratory results are still pending. The original data have been collected and aggregated at the most detailed administrative level.

**TEXT:** The text represents information obtained within the past 14 days indicating the original date of reporting or publishing of the information. Sources of information are included for easy reference. FAO does not guarantee the accuracy of non-official reports.

**TABLES:** The outbreaks presented in the tables are referring to the observation date (or the earliest clinical date known) and reported date of the first and last occurrence of an outbreak/case in a country. The affected populations refer to all populations ever affected. The reported date is the date when the occurrence of a disease has been confirmed by an official source. Outbreak of disease or infection means the occurrence of one or more cases of a disease or an infection in an epidemiological unit.