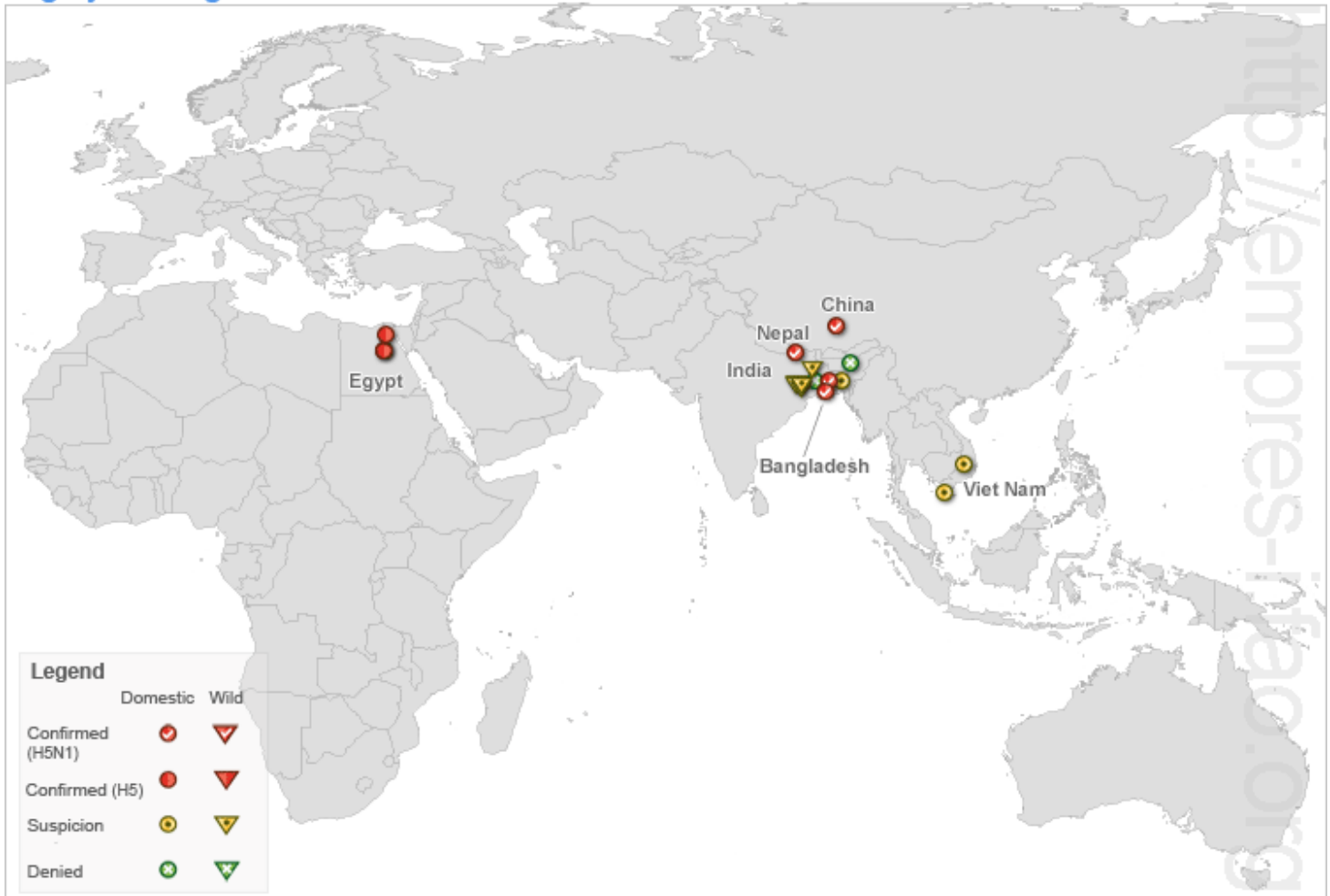


Highly Pathogenic Avian Influenza H5 events

15 November - 15 December 2011



Note: A map of HPAI H5 events during the latest six months is shown on the last page.

Source: FAO EMPRES-i <http://empres-i.fao.org/empres-i/home>

WHAT'S NEW in this issue?

AFRICAN REGION**Egypt**

- Confirmed H5 HPAI outbreak in poultry (Giza)
- Confirmed H5N1 infection in humans (Dakahlia)

ASIAN REGION**Bangladesh**

- Confirmed H5N1 HPAI outbreak in poultry (Khulna)

China

- Confirmed H5N1 HPAI outbreak in poultry (Tibet)

AFRICAN REGION**Egypt****OFFICIAL**

14/12/11 – Confirmed H5 HPAI outbreak in poultry, Giza (FAO Field Officer)

An H5 HPAI outbreak in Nahia, Kerdasa District District, Giza Governorate was reported on 4 December 2011. The outbreak occurred in 35 unvaccinated chickens in a backyard holding; 20 died and the remaining were destroyed.

08/12/11 – Confirmed H5N1 infection in humans, Dakahlia (FAO Field Officer)

A 27-year old woman and her daughter (one-and-a-half years old), from Dakahlia Governorate, Meniat Elnasr District; both developed symptoms on 26 November 2011. The mother was admitted in the chest hospital on 1 December 2011 and received Tamiflu. The baby was admitted on 2 December 2011 and also received Tamiflu on admission. Confirmation by RT-PCR at Central Public Health Laboratories (NIC) occurred on 3 December 2011. The mother, who was pregnant (24 weeks), was in critical condition, with assisted ventilation, and died on 3 December 2011. The baby is still in the hospital in moderate condition. Investigations into the source of infection indicate that both cases had exposure to sick and dead backyard

NOTE: UPDATED INFORMATION IS INDICATED IN RED

poultry (chickens and turkeys). Of the 155 cases confirmed to date in Egypt, 53 have been fatal.

07/12/11 – Confirmed H5 HPAI outbreak in poultry, Menia (FAO Field Officer)

An H5 HPAI outbreak in Menhri, Abo Korkas District, Menia Governorate was reported on 1 December 2011. The outbreak occurred in unvaccinated poultry in a backyard holding (22 chickens, 22 ducks and two geese). All the birds have been destroyed.

ASIAN REGION

Bangladesh

OFFICIAL

14/12/11 – Confirmed H5N1 HPAI outbreak in poultry, Khulna (FAO Field Officer)

A new H5N1 HPAI outbreak occurred in a commercial poultry farm on 12 December 2011 at Khulna Sadar Upazila, Khulna District, Khulna Division. Out of 660 susceptible chickens, 95 died and 565 were destroyed.

China

OFFICIAL

12/12/11 – Confirmed H5N1 HPAI outbreak in poultry, Tibet (World Organization for Animal Health -OIE)

An outbreak of H5N1 HPAI occurred in poultry in Sangda, Duilongdeqing, Lhasa, Tibet. The outbreak started on 12 December 2011; 290 birds died among a susceptible population of 1 865, and 1 575 were destroyed.

http://web.oie.int/wahis/public.php?page=single_report&pop=1&reportid=11376

India

NON-OFFICIAL

05/12/11 – Suspected H5N1 HPAI outbreaks in poultry and suspected H5N1 infection in wild birds, Tripura (Media)

Forty poultry birds died in a day in a Tripura village. The villagers confirmed that several crows and wild birds were also found dead in the past two to three days. Samples have been collected and sent to the laboratory and if the presence of H5N1 virus is found, the sample will be sent to Belgachhia animal research laboratory and Bhopal for further investigation. The department had already taken preventive measures to contain further spread and to arrest the panic. The department also had asked the villagers not to sell the birds.

Indonesia

OFFICIAL

02/12/11 – Participatory Disease Surveillance and response results (PDSR) for October 2011 (Directorate General of Livestock Services – DGLS)

The overall HPAI incidence for October 2011 was 1.2 per 1000 villages under PDSR surveillance. The highest HPAI incidence occurred in Bali (25.1 per 1000), followed by Nusa Tenggara Barat (20.6 per 1000) and Gorontalo (4.5 per 1000). Nineteen outbreaks were reported in 19 villages in Lombok Island, Nusa Tenggara Barat Province by Local Disease Control Centres (LDCC) in October 2011. The overall HPAI incidence for the last 12 months was 21.7 per 1000 villages under PDSR surveillance. The highest incidence occurred in DI Yogyakarta (180.4 per 1000), followed by Bali (82.2 per 1000), and Sumatera Barat (73.0 per 1000). It is important to note that the incidence for certain provinces in Kalimantan and Sulawesi (except Sulawesi Selatan and Sulawesi Barat) is probably underestimated because of the irregular PDSR reporting from these LDCCs.

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	
Burkina Faso	Observed: 02/03/06 Reported: 04/03/06 Centre-ouest, Sanguie	Reported: 20/05/06 Centre-ouest, Sanguie	domestic poultry	
Cameroon	Observed: 21/02/06 Reported: 12/03/06 Extreme-Nord, Diamare	Reported: 28/03/06 Nord, Benoue	domestic poultry, wild birds	
Côte d'Ivoire	Observed: 30/03/06 Reported: 25/04/06 Bas Sassandra, Sassandra	Reported: 21/05/07 N'zi Comoe, Daoukro	domestic poultry	
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	Observed: 04/12/2011 Reported: 05/12/2011 Gazia	domestic poultry	155/53
Ghana	Reported: 21/04/07 Greater-Accra region, Tema	Reported: 13/06/07 Volta, Ketu	domestic poultry	
Niger	Observed: 06/02/06 Reported: 27/02/06 Zinder, Magaria	Observed: 02/05/06 Reported: 24/05/06 Maradi, Madarounfa	domestic poultry	
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	
Togo	Observed: 15/06/07 Reported: 22/06/07 Maritime, Lacs	Observed: 16/09/08 Reported: 18/09/08 Maritime, Lacs	domestic poultry	

SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE ASIAN REGION

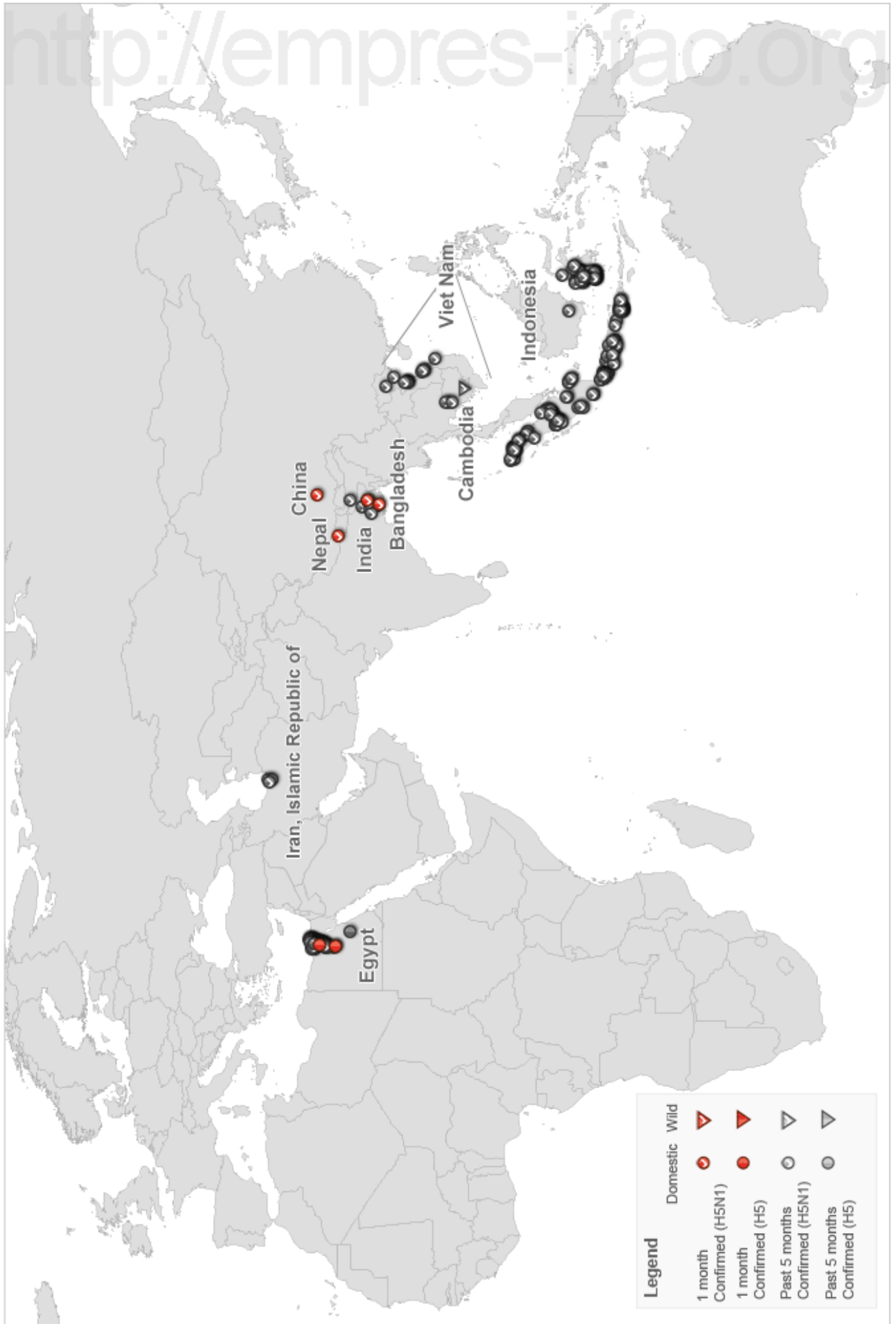
Country/Territory	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	Observed: 02/03/06 Reported: 24/03/06 Nangarhar, Jalalabad	Reported: 12/09/07 Kandahar, Daman	domestic poultry	
Bangladesh	Reported: 22/02/07 Dhaka	Observed: 10/12/11 Reported: 12/12/11 Khulna	domestic poultry	3/0
Bhutan	Observed: 18/02/10 Reported: 23/02/10 Chhukha	Observed: 14/03/10 Reported: 25/03/10 Chhukha	domestic poultry	
Cambodia	Reported: 12/01/04 Phnom Penh, Tuol Kouk	Observed: 03/11/11 Reported: 07/11/11 Battambang	domestic poultry, wild birds	18/16
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 12/12/10 Reported: 12/12/10 Tibet	wild birds, domestic poultry	39/26
Hong Kong SAR, China	Observed: 19/01/04 Reported: 26/01/04 Kowloon	Observed: 01/03/11 Reported: 08/09/11 Assam	wild birds, domestic poultry	1/0
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 14/09/11 Reported: 19/09/11 West Bengal	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 22/08/11 Reported: 26/08/11 West Sulawesi	domestic poultry	182/150
Iran (Islamic Republic of)	Observed: 02/02/06 Reported: 07/02/06 Gilan, Someehsara	Observed: 13/09/11 Reported: 13/10/11 Mazandaran	wild birds, domestic poultry	
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: 05/03/2011 Reported: 07/03/2011 Judea and Samaria	domestic poultry	
Japan	Reported: 28/12/03 Yamaguti, Atootyoo	Observed: 16/03/11 Reported: 17/03/11 Chiba Prefecture	domestic poultry, wild birds	
Jordan	Reported: 23/03/06 Ajloun, Ajloun	Reported: 23/03/06 Ajloun, Ajloun	domestic poultry	
Kazakhstan	Observed: 22/07/05 Reported: 02/08/05 Pavlodarskaya, Irtishskiy	Observed: 10/03/06 Reported: 21/03/06 Mangistauskaya, Aqtau City area	domestic poultry, wild birds	
Kuwait	Reported: 25/02/07 Al Farnawiyah	Reported: 23/04/07 Al Ahmadi	wild birds, domestic poultry, zoo birds	
Lao People's Democratic Republic	Observed: 15/01/04 Reported: 27/01/04 Sayabouri, Boten	Observed: 27/04/10 Reported: 14/05/10 Vientiane	domestic poultry	2/2
Malaysia	Observed: 07/08/04 Reported: 17/08/04 Tumpat, Kelantan	Reported: 02/06/07 Selangor Kuala, Selangor	domestic poultry	
Mongolia	Observed: 02/08/05 Reported: 08/08/05 Hovsgol, Alag-Erdene	Observed: 05/04/11 Reported: 19/04/11 Sukhbaatar	wild birds	
Myanmar	Observed: 08/03/06 Reported: 13/03/06 Mandalay, Meikthila	Observed: 16/03/11 Reported: 23/03/11 Sagaing	domestic poultry	1/0
Nepal	Observed: 08/01/09 Reported: 16/01/09 Jhapa, Mechi	Observed: 10/11/11 Reported: 02/12/11 Bagmati	domestic poultry	
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: 16/05/2011 Reported: 18/05/2011 Gyeonggi-do	domestic poultry, wild birds	
Saudi Arabia	Observed: 10/11/05 Reported: 11/11/05 Eastern Province	Reported: 29/01/08 Riyad	domestic poultry, wild birds	
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	Observed: 06/11/11 Reported: 08/11/11 Nghe An	domestic poultry	119/59
West Bank and Gaza Strip	Reported: 22/03/06 Tubas (Gaza Strip)	Observed: 06/04/11 Reported: 11/04/11 Jericho (West Bank)	domestic poultry, wild bird	

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	
Austria	Observed: 10/02/06 Reported: 23/02/06 Steiermark, Graz	Observed: 22/03/06 Reported: 27/03/06 Oberosterreich, Perg	wild birds	
Azerbaijan	Observed: 02/02/06 Reported: 03/02/06 Baku	Observed: 18/03/06 Reported: 23/03/06 Tauf	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	
Bulgaria	Observed: 31/01/06 Reported: 04/02/06 Vidin, Vidin	Observed: 29/03/10 Reported: 01/04/10 Varn, Varna	wild birds, domestic poultry	
Croatia	Observed: 21/10/05 Reported: 22/10/05 Virovitica-p odravina	Observed: 24/03/06 Reported: 12/04/06 Grad, Zagreb	wild birds	
Czech Republic	Observed: 25/03/06 Reported: 29/03/06 Jihoesky, Ceske Budejovice	Reported: 11/07/07 Vychodoesky, Usti nad Orlici	wild bird, domestic poultry	
Denmark	Observed: 22/03/06 Reported: 24/04/06 Fyn, Aeroeskoebing	Reported: 18/05/06 Fyn, Kerteminde	wild birds, domestic poultry	
France	Observed: 17/02/06 Reported: 20/02/06 Rhône Alpes, Ain	Reported: 09/08/07 Lorraine, Moselle	wild birds	
Georgia	Observed: 23/02/2006 Reported: 27/03/2006 Ajaria	Observed: 23/02/2006 Reported: 27/03/2006 Ajaria	wild birds	
Germany	Reported: 06/07/07 Bayern, Mittelfranken	Observed: 10/01/09 Reported: 10/03/09 Bavaria	wild birds, domestic poultry	
Greece	Reported: 30/01/06 Kentriki Makedonia, Pierias	Observed: 04/03/06 Reported: 27/03/06 Kentriki Makedonia, Thessalonikis	wild birds	
Hungary	Reported: 04/02/06 Bacs-kiskun	Reported: 29/01/07 Csongrad	wild birds	
Italy	Observed: 01/02/06 Reported: 11/02/06 Calabria Vibo, Valentia	Reported: 19/02/06 Umbria, Perugia	wild birds	
Poland	Reported: 15/02/06 Pomorskie, Nowy Dwor Gdanski	Reported: 22/12/07 Lodzkie, Poddebice	wild birds, domestic poultry	
Romania	Reported: 07/10/05 Tulcea	Observed: 27/03/10 Reported: 30/03/10 Tulcea	wild birds, domestic poultry, cat	
Russian Federation	Observed: 15/07/05 Reported: 22/07/05 Novosibirska ya Oblast	Observed: 05/06/10 Reported: 25/06/10 Ubsu-Nur, Republic of Tuva	domestic poultry, wild birds	
Serbia	Reported: 28/02/2006 Zapadno-backi	Reported: 15/03/2006 Zlatiborski	wild birds, domestic poultry	
Slovakia	Reported: 17/02/06 Slovakia, Bratislava	Reported: 18/02/06 Slovakia, Trnava	wild birds	
Slovenia	Observed: 09/02/06 Reported: 14/02/06 Podravska, Maribor	Observed: 25/03/06 Reported: 30/03/06 Podravska, Maribor	wild birds	
Spain	Reported: 07/07/06 Pais Vasco, Alava	Reported: 07/07/06 Pais Vasco, Alava	wild birds	
Sweden	Reported: 28/02/06 Kalmar Laen, Oskarshamn	Observed: 26/04/06 Reported: 27/04/06 Stockholms Laen, Haninge	wild birds	
Switzerland	Reported: 26/02/06 Geneve	Observed: 22/03/06 Reported: 28/03/06 Luzern	wild birds	
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	
United Kingdom	Observed: 05/04/06 Reported: 06/04/06 Scotland, Central	Reported: 29/02/08 England, Dorsetshire	wild birds, domestic poultry	

15 June - 15 December 2011

Highly Pathogenic Avian Influenza H5 confirmed outbreaks



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 (<http://empres-i.fao.org/>). Electronic version of the maps can be found on the website at http://www.fao.org/ag/againfo/programmes/en/empres/maps_new.html

For further information about the FAO HPAI Situation Update please contact the EMPRES/GLEWS team of FAO 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 relevant information on animal diseases events with GLEWS please send messages to GLEWS@fao.org

MAP: The maps represent occurrences of confirmed or suspected cases of H5 and H5N1 reported over the last 30 days (1st map) and last six months (2nd 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.