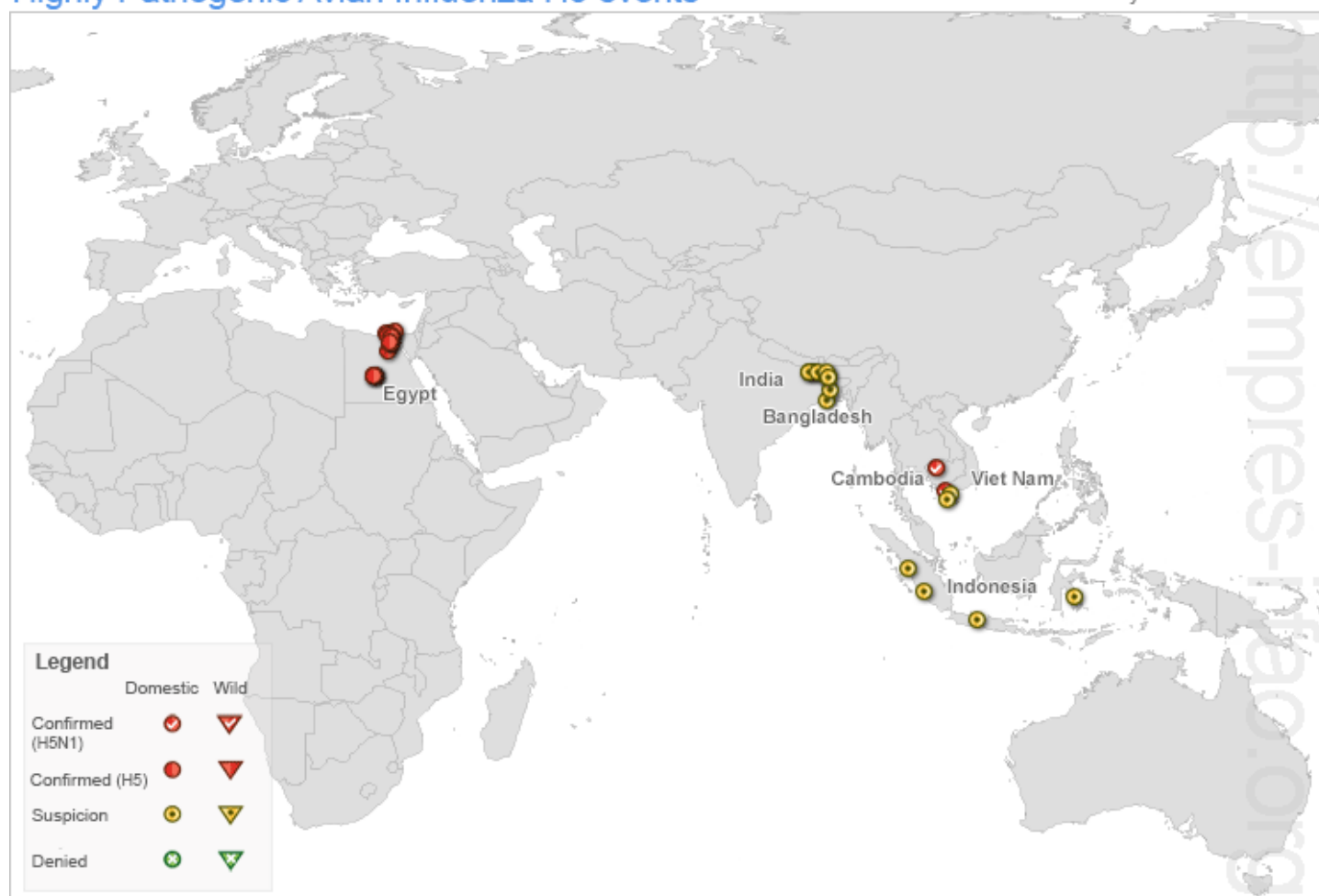


No. 572 | 28 March 2013

Highly Pathogenic Avian Influenza H5 events

28 February - 28 March 2013



Note: A map of H5 HPAI 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 outbreaks in poultry (Damietta, Kafr el-Shiekh)

AMERICAN REGION

Mexico

- Additional information on confirmed H7N3 HPAI outbreaks in poultry (Guanajuato and Jalisco)

ASIAN REGION

Bangladesh

- Suspected H5N1 HPAI outbreaks in poultry (Rangpur, Lalmonirhat and Gaibandha)

AFRICAN REGION

Egypt

OFFICIAL

26/03/13 – Confirmed H5 HPAI outbreaks in poultry, Damietta and Kafr el-Shiekh (FAO Field Officer)

Between 13 and 21 March 2013, two H5 HPAI outbreaks were detected in unvaccinated household ducks in Damietta and Kafr-el-sheikh Governorates. Both outbreaks were detected through community-based animal health outreach (CAHO).

19/03/13 – Confirmed H5 HPAI outbreaks in poultry, Beni Suef, Dakahlia, Gharbia, Kafr el-Shiekh, New Valley [Al Wadi/Al Jadid] (FAO Field Officer)

Between 6 and 10 March 2013, five H5 HPAI outbreaks were detected in unvaccinated household poultry (chickens and ducks) in the Beni Suef (1), Dakahlia (1), Gharbia (1), Kafr el-Shiekh (1) and New Valley (Al Wadi/al Jadid) (1) Governorates. The outbreaks in Beni Suef and Kafr el-Shiekh Governorates were detected through community-based animal health outreach (CAHO) and those in Dakahlia, Gharbia and New Valley Governorates were reported through passive surveillance.

NOTE: UPDATED INFORMATION IS INDICATED IN RED

19/03/13 – Confirmed H5 HPAI outbreak in a human, Menofia (FAO Field Officer)

A 40-year old female from Bagoor District, Menofia Governorate developed symptoms on 3 March 2013 and tested positive for influenza A (H5N1) virus by RT-PCR at the Central Public Health Laboratories (NIC) on 11 March 2013. Investigations into the source of infection revealed that the case had close contact with sick and dead backyard poultry (ducks and chickens) a few days before the onset of symptoms. Of the 171 cases confirmed to date in Egypt, 61 have been fatal

AMERICAN REGION

Mexico

OFFICIAL

23/03/13 – Additional information on confirmed H7N3 HPAI outbreak in poultry, Guanajuato and Jalisco (World Organisation for Animal Health - OIE)

Thirteen outbreaks of H7N3 HPAI were reported to OIE. The outbreaks occurred in February 2013 in commercial poultry farms and in backyard poultry in Guanajuato (7) and Jalisco (6). A total of 473 306 were affected, out of a susceptible population of 2 453 380 and 406 509 died.

http://www.oie.int/wahis_2/public/wahid.php/Reviewreport/Review?page_refer=MapFullEventReport&reportid=13123

ASIAN REGION

Bangladesh

NON-OFFICIAL

24/03/2013 - Suspected H5N1 HPAI outbreak in poultry, Rangpur, Lalmonirhat and Gaibandha (media)

Media reports state that a large number of poultry farms have been affected by the HPAI virus in the northern districts, which include Rangpur, Lalmonirhat and Gaibandha, according to the Bangladesh Poultry Industries Association (BPIA) Joint Secretary General. At least 15 farms have been affected by the virus in Rajshahi district, said a farm owner. Another poultry farmer in Rangpur, said already he lost 3 000 Sonali parent [stock] (Pakistani cock) and 600 layer birds because of the seasonal disease." After seeing the symptoms, I suspect the disease is HPAI," he said. There are 60 824 poultry farms in the country, as per the data of the Bangladesh Poultry Khamar Rakkha Jatiya Parishad (BPKRJP), the poultry industry trade group.

<http://www.thefinancialexpress-bd.com/index.php?ref=MjBfMDNfMjRfMTNfMV85MF8xNjQyNTM=>

India

NON-OFFICIAL

14/03/13 – Suspected H5N1 HPAI outbreak in poultry, Bihar (media)

More than 800 chickens have perished during the last four days in Madhepura District. It was first noticed at Madheli and Jirwa panchayats under Shankerpur Block in the district where chickens perished in some of poultry farms. In addition, over 300 chickens were culled in the Kishanganj District during the last two days. The culling operation continues in the Purnia District [where H5N1 HPAI outbreak was reported to OIE].

<http://timesofindia.indiatimes.com/city/patna/Bird-flu-spreads-to-Madhepura-800-chicken-die/articleshow/18962833.cms>

Viet Nam

NON-OFFICIAL

20/03/2013 - Suspected H5N1 highly pathogenic avian influenza (HPAI) outbreaks in poultry (Ca Mau)

The Department of Animal Health in the Mekong delta province of Ca Mau said they had sent 96 random samples from poultry markets in the province for testing of H5N1, of which 35 samples proved positive.

<http://www.saigon-gpdaily.com.vn/Health/2013/3/104429/1>

SUMMARY OF CONFIRMED H5N1 HPAI OUTBREAKS IN THE AFRICAN REGION

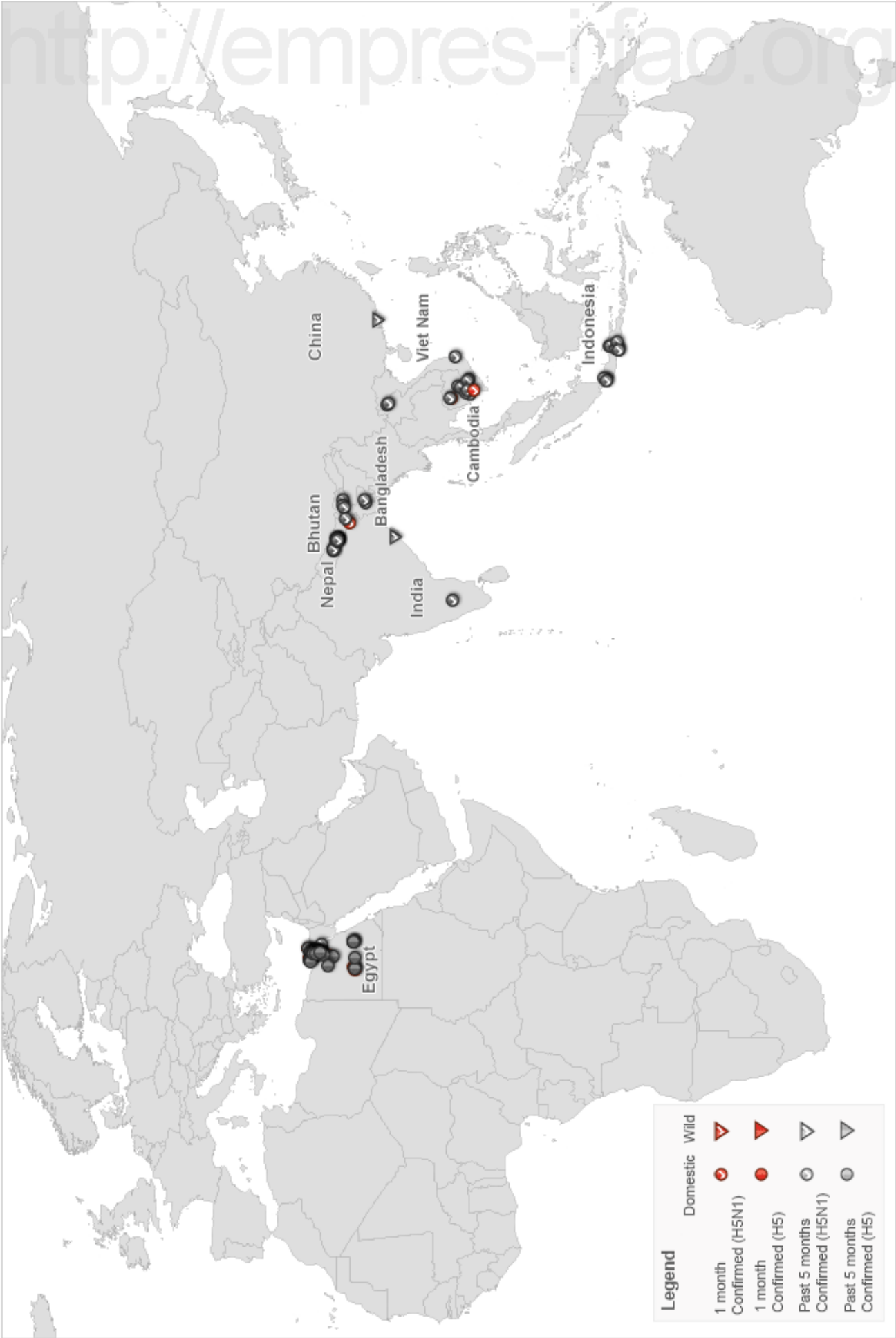
Country/Territory	First outbreak/case	Last outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	Reported: 07/11/07 Oueme, Adjara	Reported: 15/12/07 Oueme, Avrankou	domestic poultry	
Burkina Faso	Observed: 02/03/06 Reported: 04/03/06 Centre-ouest, Sanguie	Reported: 20/05/06 Centre-ouest, 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: 20/03/13 Reported: 21/03/13 Kafr el-Shiekh	domestic poultry	171/61
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: 17/12/12 Reported: 05/02/13 Dhaka	domestic poultry	6/0
Bhutan	Observed: 18/02/10 Reported: 23/02/10 Chhukha	Observed: 9/12/12 Reported: 11/01/13 Dagana	domestic poultry	
Cambodia	Reported: 12/01/04 Phnom Penh, Tuol Kouk	Observed: 23/02/13 Reported: 05/03/13 Siem Reap	domestic poultry, wild birds	30/27
China	Observed: 20/01/04 Reported: 26/01/04 Guangxi Zhuangzu Zizhiqu	Observed: 11/09/12 Reported: 19/09/12 Guangdong	wild birds, domestic poultry	45/30
Hong Kong SAR, China	Observed: 19/01/04 Reported: 26/01/04 Kowloon	Observed: 25/01/13 Reported: 29/01/13 Tuen Mun	wild birds	
India	Observed: 27/01/06 Reported: 20/02/06 Nandurbar, Maharashtra	Observed: 28/02/13 Reported: 08/03/13 Bihar	domestic poultry	
Indonesia	Reported: 02/02/04 Jawa Barat, Lebak	Observed: 28/07/12 Reported: 28/07/12 Aceh	domestic poultry	192/160
Iran (Islamic Republic of)	Observed: 02/02/06 Reported: 07/02/06 Gilan, Somehsara	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: 13/03/11 Reported: 15/03/11 HaDarom	domestic mammal, 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: 05/03/12 Reported: 16/03/12 Bago	domestic poultry	1/0
Nepal	Observed: 08/01/09 Reported: 16/01/09 Jhapa, Mechi	Observed: 05/02/13 Reported: 18/02/13 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: 16/05/11 Reported: 18/05/11 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	Reported: 28/03/13 Dien Bien, Khanh Hoa, Kien Giang	domestic poultry	123/61
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 Jihocesky, Ceske Budejovice	Reported: 11/07/07 Vychodocesky, 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 Rhone Alpes, Ain	Reported: 09/08/07 Lorraine, Moselle	wild birds	
Georgia	Observed: 23/02/2006 Reported: 27/03/2006 Ajaria	Observed: 23/02/06 Reported: 27/03/06 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 Novosibirskaya 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	



CONTACTS

DISCLAIMER

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 FAO EMPRES/GLEWS at GLEWS@fao.org

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.