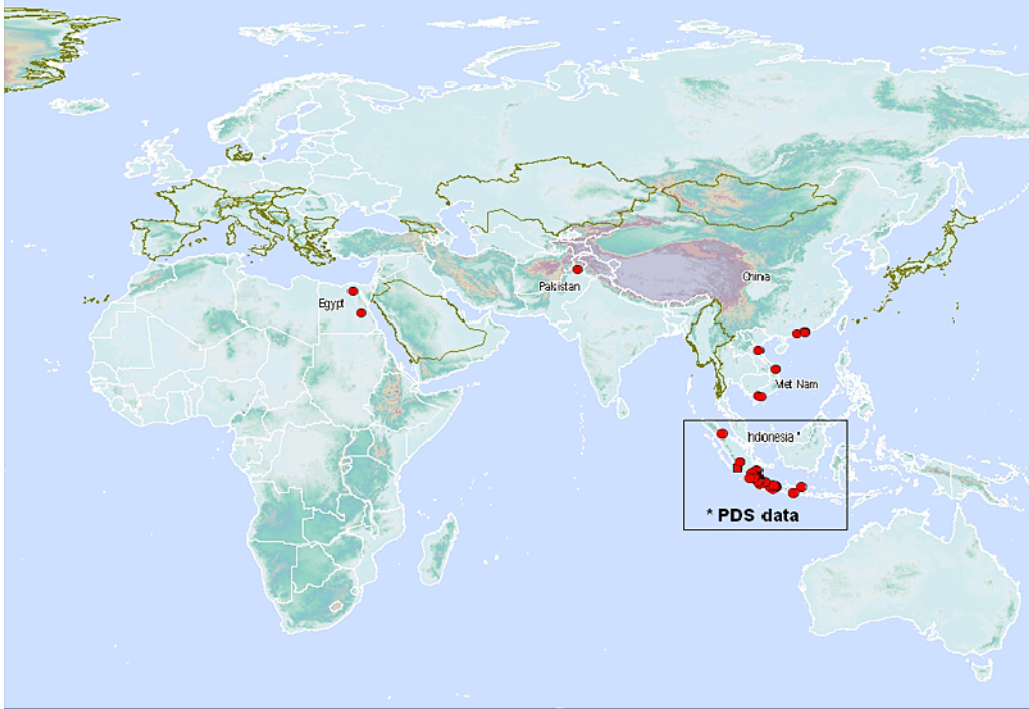


ECTAD HPAI Situation Update

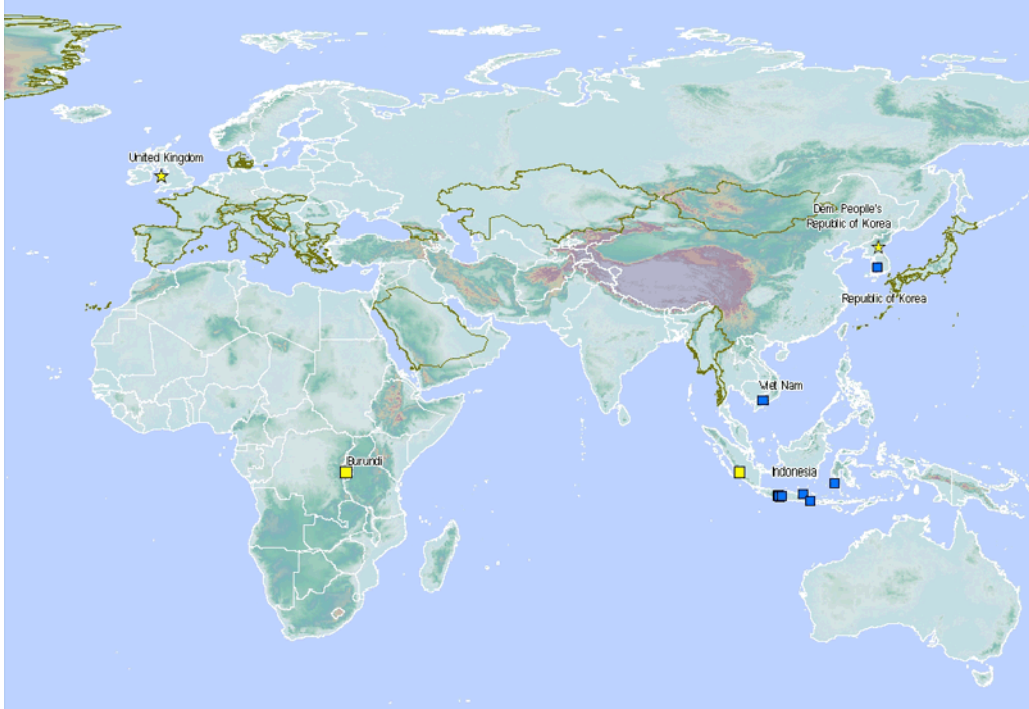
HPAI events: Outbreaks reported in poultry and cases in wild birds
1 June - 23 July 2008



- Self-declared free country
- H5 Domestic
- H5 Wild
- H5N1 Domestic
- H5N1 Wild

NOTE: This map represents occurrences of H5 and H5N1 reported from 01 June 2008 to 23 July 2008. H5 cases are represented for countries where N-subtype characterization is not being performed for secondary cases or if laboratory results are still pending. Countries with H5 and H5N1 occurrences only in wild birds are not considered infected according to OIE status. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Disease event investigation: Suspected and denied events in poultry and wild birds
1 June - 23 July 2008



- Domestic
- Domestic denied
- Wild
- Wild denied

NOTE: This map represents suspicions of disease events and their follow-up status, reported from 01 June 2008 to 23 July 2008. The original data have been collected and aggregated at the most detailed administrative level and for the units available for each country.

Information on the use of **dates**: The **maps** illustrate information over the past 1-3 months. The **text** items below represent information obtained within the past 10 days indicating the original date of reporting or publishing of the information. The outbreaks presented in the **tables** are referring to the observation date (or the earliest clinical date known) of the first occurrence of an outbreak.

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AFRICAN REGION

Burundi

Information from official sources

FAO field officer (15/07/2008): After the death of 1,000 chickens in one commune in Kayanza province, samples were collected and results are awaited, but no clinical signs of Newcastle Disease or HPAI were found. Avian typhoid is suspected.

ASIAN REGION

Cambodia

Information from official sources

UN (21/07/08): From 10 to 17 July 2008, the National Veterinary Research Institute (NaVRI) received 14 samples of different types of sparrows collected by the Wildlife Conservation Society from the Riverside and Wat Phnom resort in Phnom Penh. The laboratory tests were negative for HPAI virus.

China

Information from official sources

Hong Kong Agriculture, Fisheries and Conservation Department (16/07/08): On 11/06/08 AFCA announced that three more environmental samples taken from cages of poultry stalls in three markets tested positive for the H5N1 avian influenza virus after laboratory tests. The three markets were Luen Wo Hui Market in Fanling, Yan Oi Market in Tuen Mun and Ap Lei Chau Market. In addition to Po On Road Market in Sham Shui Po, which had already been cordoned off. There have been four H5N1 positive markets so far. To prevent the spread of the virus, AFCA ordered to declare all market stalls or fresh provision shops (FPS) which have live poultry for sale as infected areas, and trading in live poultry must be suspended and poultry culled immediately. In addition, all poultry carcasses sold or stored at these premises should also to be disposed to protect public health. The Food and

Environmental Hygiene Department (FEHD) has cordoned off all the market stalls and FPS selling live poultry. As at 9 pm 11/06, the number of live poultry slaughtered was 1,470. AFCD has inspected all 50 local chicken farms and Cheung Sha Wan Temporary Wholesale Poultry Market in the past few days. No abnormality has been found so far. AFCD has taken samples for testing from local farms and wholesale poultry market. The test results for all samples so far have been negative and AFCD would continue to conduct further testing. FEHD has sent staff to Mainland registered farms and processing plants to ensure that chickens and poultry meat for supply to Hong Kong would not be affected. In light of the presence of avian influenza virus in three more markets, the Government has decided to suspend temporarily live chicken imports from the Mainland for 21 days. At the same time, local farms would stop dispatching chickens to the market. At the moment, there is no human case of AI infection in Hong Kong. The Department of Health and the Hospital Authority would enhance the work on testing of human infection of AI. Particular attention would be paid to the health condition of poultry workers in the affected markets. The Centre for Health Protection (CHP) has called on members of the public to seek medical treatment immediately if they have influenza symptoms such as high fever.

Indonesia

Information from non-official sources: (FAO compiles information from numerous sources in an effort to provide a complete situation overview. FAO does not guarantee the accuracy of non-official reports)

News (Source: The Associated Press; 17/07/2008): A 38-year-old cargo worker died of H5N1 AI infection on 10 July days after he came down with symptoms of the disease, including high fever, coughing and breathing difficulties, relatives confirmed on 16 July. Health workers speaking on condition of anonymity confirmed the tests came back positive.

News (Intelink Avian Influenza Daily Digest; Source: ARGUS; 16/07/2008): Poultry die-offs of at least 400 chickens in Pekandangan Sangrah village (Bluto district, Sumenep regency, East Java province) within the past week are

suspected to be due to HPAI. Testing of the birds will be conducted soon. At the same time, many residents got ill with gastroenteritis symptoms, which reportedly linked to seasonal changes.

News (Intelink Avian Influenza Daily Digest; Source: ARGUS; 16/07/2008): National media have reported poultry die-offs of 314 chickens in 6 districts in Banyumas regency, Central Java province from early June to date. Rapid testing confirmed the presence of H5N1 HPAI in 300 chickens. The affected districts include Banyumas, Tambak, Wangon, Somagede, Kedungbanteng and Ajibarang districts. Banyumas Livestock and Fisheries Agency has distributed 250,000 out of 500,000 vaccines, although, according to the Head of Livestock Agency, there are a total of 1.2 million chickens in Banyumas.

Iraq

Information from official sources

FAO field officer (23/07/08): Iraq reported the laboratory results of their surveillance activities for the month of June. These data refer to all governorates except Kurdistan Province, in the north of the country. All samples taken were negative [poultry farms (1,439), backyard poultry (1,356), game and wild birds (1,179), and markets and slaughterhouses (3,914)]. The only avian influenza virus identified was H9 in samples collected from poultry farms in Najaf governorate.

Viet Nam

Information from official sources

FAO field officer (22/07/08): Vietnam, confirmed HPAI in poultry: On 21 July, DAH reported HPAI at a poultry raiser in Hamlet No. 9, Nghi Phuong commune, Nghi Loc district, Nghe An province, where 30 unvaccinated out of 180 died on 18 July, together with 160 dead ducks out of a flock of 570. The infected flocks have been culled. On 20 July, DAH reported HPAI in Tan Hoa hamlet, Tan Nhuan Dong commune, Chau Thanh district, Dong Thap province, where 350 chickens, showing clinical signs since 14 July, died on 18 July, out of a flock of 500. The remaining flock has been destroyed. Currently, 3 provinces (Tra Vinh, Dong Thap and Nghe An) have reported HPAI in poultry in the last 21 days.

Information from non-official sources: (FAO compiles information from numerous sources in an effort to provide a complete situation overview. FAO does not guarantee the accuracy of non-official reports)

News (Intelink Avian Influenza Daily Digest; Source: Xinhua; 16/07/2008): Some dead chickens from a 3,000-fowl flock raised by a household in Can Duoc district, Long An province,

have tested positive to H5N1 HPAI at the Regional Animal Health Center No. 6, according to local newspaper Youth on 16 July. Chickens in the flock started to die 10 days ago after developing HPAI symptoms. The Department of Animal Health under the Vietnamese Ministry of Agriculture and Rural Development has yet to confirm the HPAI outbreak. Now, only southern Tra Vinh province is being hit by the disease.

EUROPEAN REGION

Ukraine

Information from official sources

OIE (18/07/08): The last outbreak of highly pathogenic avian influenza was reported on 11 February 2008. Quarantine restrictions have been lifted on 27 February 2008. No further outbreaks of highly pathogenic avian influenza have been registered on the Ukrainian territory since 11 February 2008. On all national territory, monitoring programme for highly pathogenic avian influenza is continuing. Since the beginning of the year 119,500 serological tests have been carried out in domestic and wild animals with negative results. Based on the above and in accordance with Article 2.7.12.4. of the Terrestrial Animal Code, the Delegate of Ukraine declares his country free from HPAI H5N1 with effect from 27 May 2008.

United Kingdom

Information from non-official sources: (FAO compiles information from numerous sources in an effort to provide a complete situation overview. FAO does not guarantee the accuracy of non-official reports)

News (Daily Echo, 15/07/2008): 4-5 dead and dying crows triggered an investigation by environmental health officers. Investigations and testing are currently ongoing.

Summary of confirmed H5N1 HPAI outbreaks in the African Region				
Country	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Benin	07/11/2007: Adjara	15/12/2007: Dangbo	dom. poultry	no
Burkina Faso	01/03/06: Gampéla	20/05/06: Bobo-Dioulasso and Ouagadougou	dom. poultry, wild birds	no
Cameroon	21/02/06: Doualaré à Maroua	28/03/06: Malape	dom. poultry, wild birds	no
Côte d'Ivoire	31/03/06: Anoumabo	09/11/06: Abatta	dom. poultry, wild birds	no
Djibouti	06/04/06: Boulaos	06/04/06: Boulaos	domestic poultry	1/0
Egypt	17/02/06: 5 districts in Upper Egypt	15/6/2008 Luxor Governorate	dom. poultry, wild birds.	50/22
Ghana	14/04/07: Kakasunanka	13/06/07: Afloa	domestic poultry	no
Niger	06/02/06: Magaria	01/06/06: Boko Maigao	domestic poultry	no
Nigeria	16/01/06: Igabi, Kaduna State	06/10/2007: Anambra State	dom. poultry, wild birds	1/1
Sudan	25/03/06: El Gazira	04/08/06: South Sudan (Juda)	domestic poultry	no
Togo	06/06/07: Sigbehoue	20/07/07: Plateau	domestic poultry	no

Summary of confirmed H5N1 HPAI outbreaks in the Asian Region				
Country	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Afghanistan	02/03/06: Jalalabad	12/09/07: Kandahar	dom. poultry, wild birds	no
Bangladesh	05/02/07: Savar	19/05/08: Tangail	domestic poultry	1/0
Cambodia	12/01/04: Pong Peay	06/04/07: Kampong Cham	dom. poultry, wild birds	7/7
China	20/01/04: Longan, Guangxi	13/06/08: Guangdong Province	domestic poultry, wild birds	30/20
China (Hong Kong SAR)	19/01/04: Kowloon	11/06/08: Fanling and Tuen Mun	wild birds, domestic poultry	no
India	27/01/06: Gujarat, Maharashtra	11/05/2008 Darjeeling, West Bengal	domestic poultry	no
Indonesia	02/02/04: Banten	10/07/2008 Lebong District	dom. poultry, pigs (without clinical signs)	135/110
Iran	02/02/06: Espand	10/12/07: Mazandaran	dom. poultry, wild birds	no
Iraq (H5)	18/01/06: Sarkapkan	01/02/06: Sahat Al-aradate	domestic poultry, wild birds	3/2
Israel	16/03/06: En Hashelosh, Ha Darom	01/01/08: Haifa	domestic poultry	no
Japan	28/12/03: Ibaraki	08/05/08: Aomori	domestic poultry, wild birds	no
Jordan	23/03/06: Ajloun governate	23/03/06: Ajloun governate	domestic poultry	no
Kazakhstan	22/07/05: Aktau	10/03/06: Vinogradovka	dom. poultry, wild birds	no
Korea Rep. of	10/12/03: Asan	12/05/08: Kyongsang-Namdo and Kyongsang-Budko	dom. poultry, wild birds	no
Kuwait	09/11/05: Private property, close to the beach	20/04/07: Wafra Wafra	wild birds, domestic poultry, zoo birds	no
Lao PDR	15/01/04: Ban Nonsavang	16/03/08: Luang Namtha province	domestic poultry	2/2
Malaysia	19/08/04	02/06/07: Selangor	dom. poultry, wild birds	no
Mongolia	10/08/05	05/06/06 Bulgan	wild birds	no
Myanmar	08/03/06: Mandalay	23/12/07: Shan State	domestic poultry	1/0
Pakistan	23/02/06: Abottabad	24/06/2008: NWFP	domestic poultry, wild birds	1/0
Saudi Arabia	12/03/07: Al-Gamma	29/01/08: Ar Riyad	domestic poultry	no
Thailand	23/01/04: Song-Peenong	18/01/08: Nakhon Sawan	dom. poultry, wild birds, tigers, leopards	25/17
Viet Nam	09/01/04: Ca Mau	21/07/08: Nghe An province	domestic poultry, civets	106/52
West Bank and Gaza Strip	21/03/06: Ghazzah	02/04/06: Rafa	domestic poultry	no

NOTE: FAO compiles information from numerous sources (FAO representatives or country missions, FAO reports, OIE, official government sources, EC, Reference laboratories and others) 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). Send messages to GLEWS@fao.org.

Summary of confirmed H5N1 HPAI outbreaks in the European Region				
Country	First outbreak/case	Latest outbreak/case	Affected populations	Human cases (cases/deaths)
Albania	16/02/06: Alikon	09/03/06: Peze-Helmes, Tirane	dom. poultry	no
Austria	10/02/06: Bregenz	22/03/06: Schaerding	wild birds, cats	no
Azerbaijan	02/02/06: Baku, Qaradag	18/03/06: Banovshalar, Agdam (H5)	wild birds, dom. poultry	8/5
Bosnia-Herzegovina	16/02/06: Jajce, Bosnia	16/02/06: Jajce, Bosnia	wild birds	no
Bulgaria	31/01/06: Widin	09/02/06: Lake Shabla	wild birds	no
Croatia	21/10/05: Zdenci-Orahovica, Stanica	24/03/06: Zagreb	wild birds	no
Czech Republic	27/03/06: Hluboka nad Vltavou	11/07/07: Pardubicky region	wild birds, dom. poultry	no
Denmark	12/03/06: Svino Strand	26/05/06: Keterminde, Funen	wild birds, dom. poultry	no
France	17/02/06: Joyeux	09/08/07: Diane-Capelle	wild birds, dom. poultry	no
Georgia	23/02/06: Adlia, Adjaria	23/02/06: Adlia, Adjaria	wild birds	no
Germany	08/02/06: Wiek, Island of Ruegen	25/12/07: Brandenburg	wild birds, dom. poultry, cats, stone marten	no
Greece	30/01/06: Katerini	27/03/06: Thessaloniki, Central Macedonia	wild birds	no
Hungary	04/02/06: Csatalja	23/01/07: Ordongos	wild birds, dom. poultry	no
Italy	01/02/06: Pizzo, Calabria	19/02/06: Bruzzano, Calabria	wild birds	no
Poland	02/03/06: Torun	22/12/07: Mazowieckie	wild birds, dom. poultry	no
Romania	07/10/05: Ceamurlia	07/12/07: Tulcea (H5 in a cat)	wild birds, dom. poultry, cat	no
Russian Federation	15/07/05: Shatrovo	08/04/2008: Primorskiy Kray	dom. poultry, wild birds	no
Serbia	28/02/06: Backi Monostor	16/03/06: Bajina Basta	wild birds, dom. poultry	no
Slovakia	17/02/06: Bratislava	18/02/06: Dunajska	wild birds	no
Slovenia	09/02/06: Dolgose (H5)	25/03/06: Zrkovci	wild birds	no
Spain	07/07/06: Álava Province	07/07/06: Álava Province	wild bird	no
Sweden	28/02/06: Oskarshamn	26/04/06: Stockholm	wild birds, game birds, mink	no
Switzerland	26/02/06: Geneva	22/02/08: Oberkirch (wild bird)	wild birds	no
Turkey	01/10/05: Kiziksa (revised)	09/03/08: Edirne Province	dom. poultry, wild birds	12/4
Ukraine	02/12/05: Dzhankoykiy, Crimea	11/02/08: Crimea (wild birds)	wild birds, dom. poultry, zoo birds	no
United Kingdom	30/03/06: Anstruther, Scotland	29/02/08: Dorset, England (wild birds)	dom. poultry, wild birds	no

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