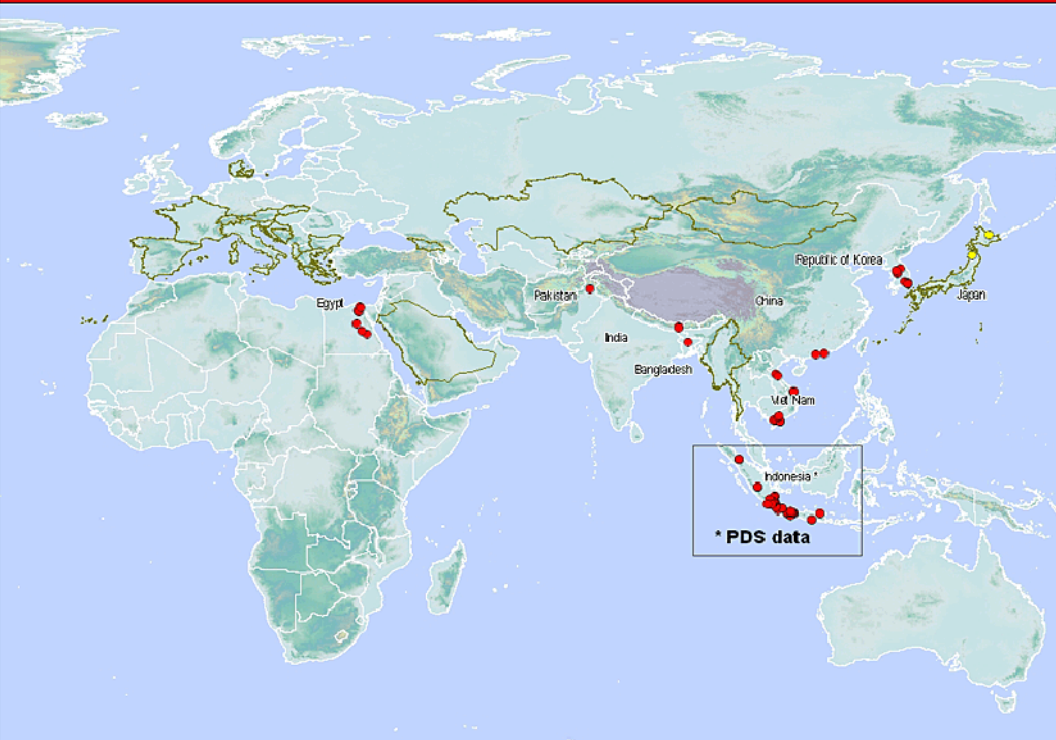


ECTAD HPAI Situation Update

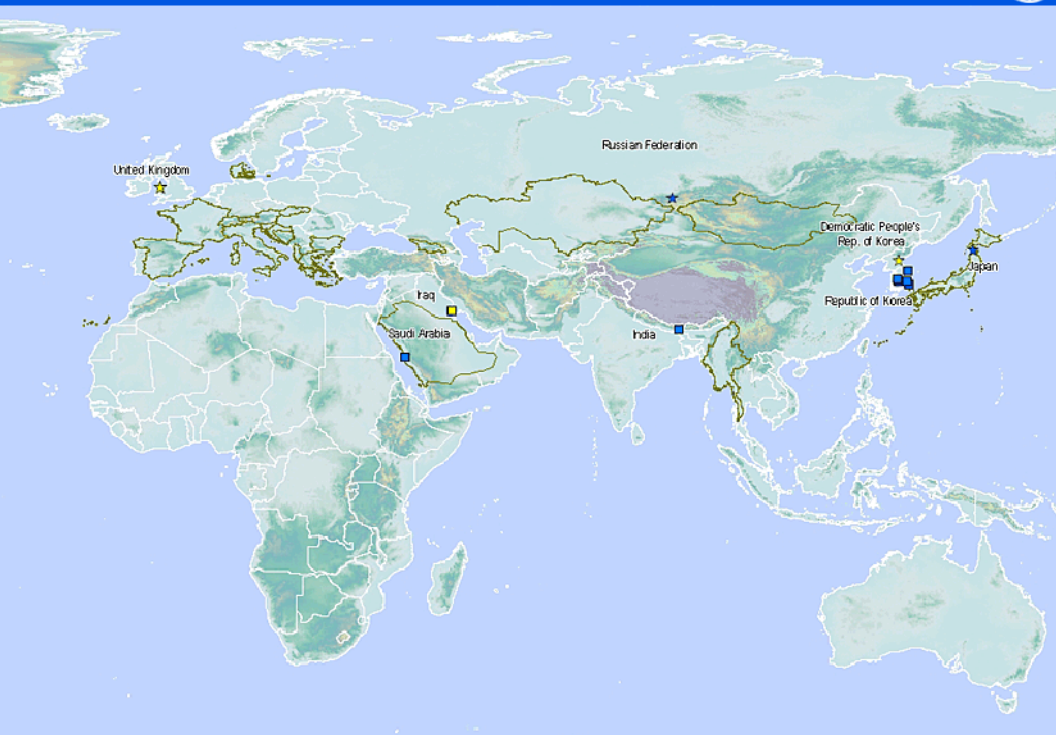
HPAI events: Outbreaks reported in poultry and cases in wild birds
1 May - 30 June 2008



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

NOTE: This map represents occurrences of H5 and H5N1 reported from 01 May 2008 to 30 June 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 May - 30 June 2008



- Domestic
- Domestic denied
- ★ Wild
- ★ Wild denied

NOTE: This map represents suspicions of disease events and their follow-up status, reported from 01 May 2008 to 30 June 2008. The original data have been collected and aggregated at the most detailed administrative level and for the units available or 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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ASIAN REGION

Cambodia

Information from official sources

UN (27/06/08): From 19 to 27 June 2008, the animal health hotline at the National Veterinary Research Institute (NaVRI) received ten calls from Phnom Penh, Kampong Cham, Kandal, Kampong Chhnang and Kampong Speu provinces. One caller reported about sick and dying poultry in Kandal Province. Nine callers asked about information on avian influenza. The team of provincial and district vets went to the village in Kandal province, after investigation they decided that avian influenza was not the cause of the illness and death. NaVRI received nine samples of different types of sparrows collected by the Wildlife Conservation Society from the Riverside and Wat Phnom resort in Phnom Penh. The result will be known on 30 June 2008. Laboratory results of two duck samples received the previous week were negative for HPAI virus. The Food and Agriculture Organization of the United Nations (FAO) this week trained 184 District Veterinary Officers from 24 provinces to become future trainers of Village Animal Health Workers. Out of more than 13,000 Village Animal Health Workers in the country, FAO has trained around 7,000 VAHWs on avian influenza prevention and control.

UN (20/06/08): From 12 to 19 June 2008, the animal health hotline at the National Veterinary Research Institute (NaVRI) received 12 calls from Phnom Penh, Svay Rieng, Kampong Cham, Kratie, Kandal, Kampot, Bantheay Meanchey and Kampong Thom provinces. 2 callers reported about sick and dying poultry in Svay Rieng and Kampong Thom provinces. The rest of the calls requested information on avian influenza such as the clinical signs of AI in poultry as well as to know the transmission routes and the prevention measures of HPAI. The teams of provincial and district veterinarians went to the villages in Svay Rieng and Kampong Thom provinces. After investigation, in Kampong Thom province, 2 ducks were sent to NaVRI laboratory in order to confirm HPAI. The results will be disclosed in 23

June. In Svay Rieng province, the investigation team confirmed that avian influenza was not the cause of the illness and death. NaVRI received 3 samples of different types of sparrows collected by the Wildlife Conservation Society from the Riverside and Wat Phnom resort in Phnom Penh. Following the laboratory test, the results are negative for HPAI virus. NaVRI and FAO organized a public awareness and education campaign in Pouk District of Siem Reap province on Thursday 19 June. Around 900 villagers from at least 7 villages were present. A Training of Trainers (ToT) will be organized by NaVRI and FAO for the district veterinarians, next week (23 to 27 June), at the Royal University of Agriculture. The ToT aims to teach the district vets to organize further trainings of Village Animal Health Workers on AI prevention.

China

Information from official sources

OIE (20/06/08): The HPAI outbreak reported in Xinhui District of Jiangmen City Guangdong Province has been notified to OIE.

Indonesia

Information from official sources

FAO field officer (27/06/08): On 7 June 2008 HPAI rapid test were found in Kampong chickens in three villages (Kaugading, Pelawan, Payolebar) in Sarolangun District, Jambi Province. The estimate of the mortality rate is 75%. As control measures, focal culling and disinfection were undertaken. The source of infection is a traditional market in Bukittiga village, Singkut sub district. After people bought the chicken from the market, they found their chickens died suddenly. The chickens in the market are imported from several villages with unknown AI status

Pakistan

Information from official sources

OIE (26/06/08): The HPAI outbreak reported in Swabi district in North-West Frontier Province (NWFP) has been notified to OIE. 4000 broilers died out of 6000 and 2000 were culled.

WHO (25/06/08): WHO is following up on potential human implications of poultry outbreak in Swabi district that apparently concerns 2 farms.

FAO field officer (24/06/08): The outbreak reported in the newspapers at a commercial poultry farm in Swabi district in North-West Frontier Province (NWFP) has been confirmed.

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: Daily Times; 26/06/08): News reports in Pakistan are quoting the president of the Swabi Poultry Association saying that they had conducted their own test at the Poultry Research Institute (PRI), Rawalpindi, where the strain was identified as H5N9. The association's president, Zabiullah, demanded that the government constitute an impartial committee that should take samples for fresh tests.

News (Source: IOL; 23/06/08): Another farm in the proximity of the infected facility in Swabi district had also been sealed off. Health officials posted at various checkpoints were examining birds being transported out of Swabi district.

News (Source: Agence France Presse; 22/06/08): Pakistani authorities Sunday 22 June 2008 reported a new outbreak of HPAI at a commercial poultry farm in the country's northwest, killing thousands of birds, officials said. Tests conducted at a government-run laboratory in Islamabad confirmed the presence of H5N1 HPAI at a farm in Swabi district. "The virus was detected after the owner of the farm informed us on Friday that some 4,000 birds had died within the past few days," local livestock department chief said. 2000 birds were culled. Local health officials are monitoring surrounding farms and advised them to take precautionary measures including vaccination of birds.

Viet Nam

Information from official sources

FAO field officer (23/06/08): On 20 June, DAH reported HPAI at a household rearing chicken, at Binh Bac village, Tinh Binh commune, Son Tinh district, Quang Ngai province. 15 died out of a flock of 3-month-old, unvaccinated 340 on 18 June. SDAH has culled these chickens.

On 16 June, DAH reported HPAI at a raiser in My Danh village, Tinh Hiep commune, Son Tinh district, Quang Ngai province on 12 June. The flock comprises of 717 poultry including 690 chickens and 27 ducks, about 95-day-old and unvaccinated. 570 chickens have been sick, of which 120 died (showing clinical signs and started dying since 6 June).

EUROPEAN REGION

Russian Federation

Information from official sources

FAO field officer (25/06/08): *update on detection of H5 antibodies in wild birds.* In May 2008, agricultural experts detected avian influenza antibodies in migratory birds in southern Siberia. Some additional details are available: few cases of detection of H5 antibodies in wild birds were registered in southern Siberia. HPAI viruses were not detected and mortality of wild birds was not observed. The regional veterinary service is involved in vaccination of domestic poultry in free ranging backyard poultry and HPAI surveillance in domestic poultry.

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 (Source: Daily Post; 20/06/08): Tests performed on eight dead swans found in a river in Caernarfon have ruled out avian influenza as a cause. Last night [17 Jun 2008] a National Assembly spokeswoman said that tests were continuing to find out exactly why the birds had died. "Tests carried out on the swans from the river Seiont in Caernarfon have ruled out avian influenza infection. Wild birds die for a variety of reasons and further examination is continuing to seek to determine the cause of death".

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: Aflaa	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	03/06/08: Shamshuipo District	wild birds	no
India	27/01/06: Gujarat, Maharashtra	11/05/2008 Darjeeling, West Bengal	domestic poultry	no
Indonesia	02/02/04: Banten	7/06/2008 Sarolangun District, Jambi Province	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 Hasheloshah, 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	18/06/08: Quang Ngai 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

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.