

Reporting period: 30 March to 5 April 2008 (Week 14)

**Weekly highlights**

**Human cases of avian influenza infection**

- On 2 April 2008 WHO reported that the Ministry of Health of Indonesia announced three new cases of human H5N1 avian influenza infection. The cases are not linked epidemiologically. The first is a 15-year-old male student from Subang District, West Java Province who developed symptoms on 19 March, was hospitalized on 22 March and died on 26 March. The second case is an 11-year-old female student from Bekasi City, West Java Province who developed symptoms on 19 March, was hospitalized on 23 March and died on 28 March. The third case is a 21-month-old female from Bukit Tinggi, West Sumatra Province who developed symptoms on 17 March, and was hospitalized on 22 March. She is presently recovering in hospital. The source of infection for all three cases is still under investigation.
- On 3 April 2008 WHO reported that two additional H5N1 cases from Pakistan were confirmed by serological testing, thus providing final H5N1 infection test results on a previously reported family cluster in Peshawar. These laboratory test results support the epidemiological findings from the outbreak investigation in December 2007, and the final risk assessment that suggested limited human to human transmission likely occurred among some of the family members which is consistent with some human-to-human transmission events reported previously. This outbreak did not extend into the community, and appropriate steps were taken to reduce future risks of human infections.

**Animal cases of avian influenza infection**

- Vietnam and Korea reported outbreaks of highly pathogenic avian influenza in poultry. (OIE)

## Places with human H5N1 infection and avian influenza in birds

Country	Human H5N1 infection*				Avian influenza in birds**				
	No. of case(s) during the reporting period	Date of last reported case(s)	Place(s) of last reported case(s)	Cumulative no. of cases Since Jan 2004 (No. of deaths)	No. of outbreak(s) during the reporting period (Subtype)	Date of last reported case(s)	Place(s)	Total no. affected (Destroyed)	Type of birds affected
<b>Azerbaijan</b>	0	11/04/06	Salyan	8 (5)	0 (H5N1)	23/03/06	Agdam	1(1)	Wild bird
<b>Cambodia</b>	0	10/04/07	Kampong Cham	7 (7)	0 (H5N1)	12/04/07	Cham	302 (784)	Poultry
<b>China</b>	0	26/02/08	Guangdong	30 (20)	0 (H5N1)	16/03/08	Guangdong	144 (518)	Poultry
<b>Djibouti</b>	0	12/05/06	Arta	1 (0)	0 (H5N1)	27/05/06	Djibouti City	4 (18)	Poultry
<b>Egypt</b>	0	11/03/08	Fayum	47 (20)	0 (H5N1)	04/02/08	Dumyat, Al Minufiyah, etc	2694 (18184)	Poultry
<b>Indonesia</b>	0	21/02/08	Central Java, Jakarta	129 (105)	0 (H5N1)	25/09/06	Central Sulawesi	22 (756)	Poultry
<b>Iraq</b>	0	01/03/06	Sulaimaniyah	3 (2)	0 (H5N1)	07/02/06	Missan	980 (978)	Poultry
<b>Laos</b>	0	16/03/07	Vientiane	2 (2)	0 (H5N1)	13/02/08	Luangnamtha	765 (- -)	Poultry
<b>Myanmar</b>	0	14/12/07	Shan State	1 (0)	0 (H5N1)	29/12/07	Shan State	13 (1,043)	Poultry
<b>Nigeria</b>	0	03/02/07	Lagos	1 (1)	0 (H5N1)	15/02/06	Anambra	179 (821)	Poultry
<b>Pakistan</b>	0	27/12/07	Peshawar	1 (1)	0 (H5N1)	10/03/08	Northwest Frontier	350 (2500)	Poultry
<b>Thailand</b>	0	07/08/06	Nong Bua Lam Phu Province	25 (17)	0 (H5)	25/01/08	Nakhon Sawan, Phichit	4105 (55625)	Poultry
<b>Turkey</b>	0	07/01/06	Agri	12 (4)	0 (H5N1)	18/03/08	Edirne	13 (117)	Poultry
<b>Vietnam<sup>#</sup></b>	0	18/03/08	Ha Nam	106 (52)	11 (H5N1)	01/04/08	Tuyen Quang, Quang Tri, Lao Ca, etc.	2594 (2346)	Poultry

<sup>#</sup> OIE reported on 12/03/08 detection of H5N1 in palm civets in Cuc Phuong National Park, Ninh Binh province.

Source: \*WHO, \*\*OIE

Places with avian influenza in birds only\*\*

Country/ Place	No. of outbreak(s) during the reporting period (Subtype)	Date of last reported case(s)	Place(s)	Total no. affected (Destroyed)	Type of birds affected
Bangladesh	0 (H5N1)	16/03/08	Rajshahi, Barisal, Dhaka, Chittagong	38792 (159328)	Poultry
India	0 (H5N1)	28/03/2008	West Bengal	157 (119824)	Poultry
Korea	1 (H5N1)	02/04/08	Cholla-Bukdo	2380 (148190)	Poultry
Switzerland	1 (H5N1)	31/03/2008	Luzern	1 (0)	Wild bird

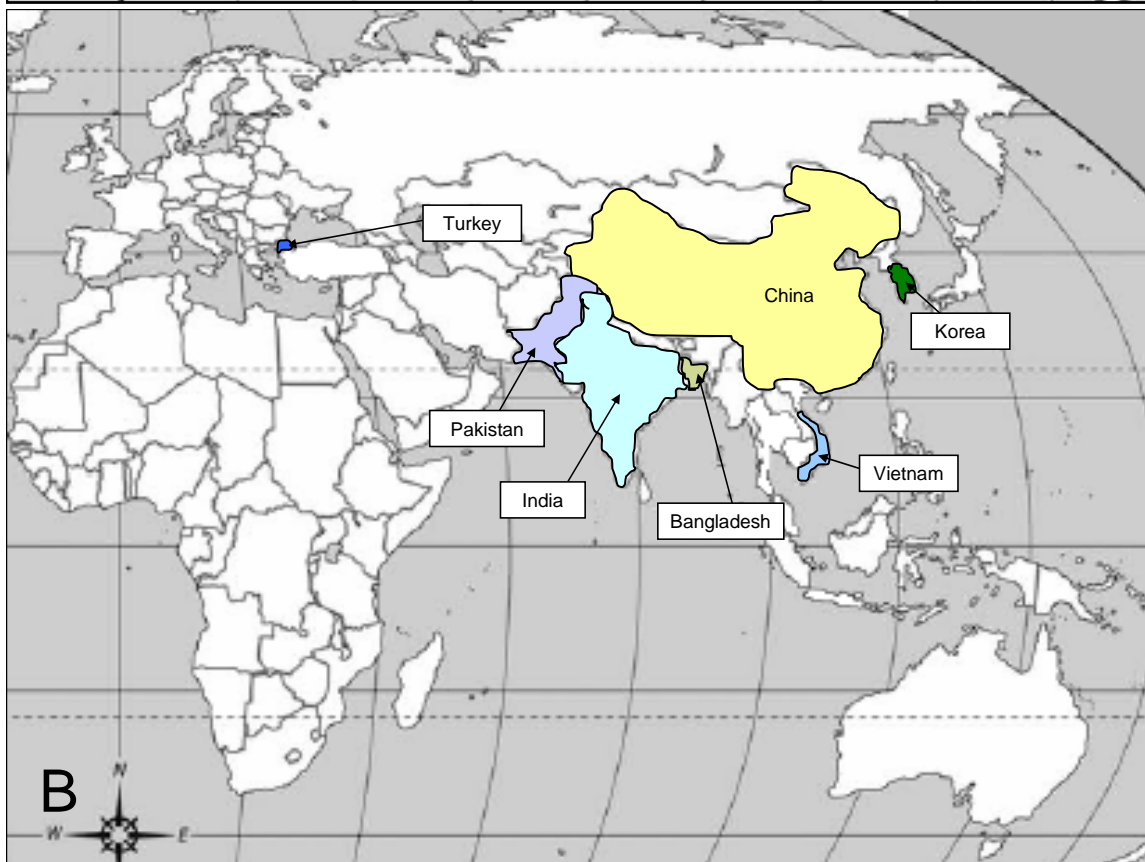
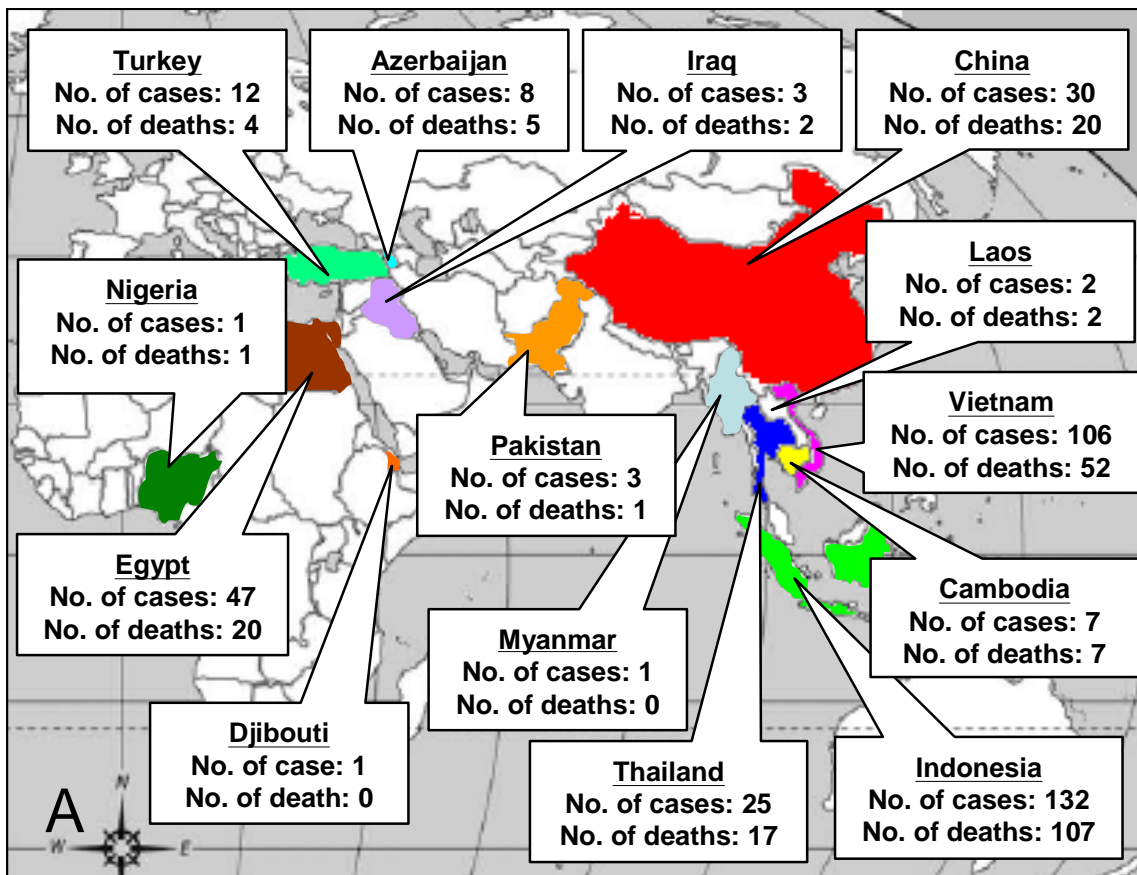
Note : For those countries/places with outbreaks in birds only (i.e. the table above), countries/places will be removed from the list if no outbreak in birds has been reported for 4 weeks.

Source : \*\*OIE

Confirmed human avian influenza cases other than H5N1 since 2007

*(as of 5 April 2008)*

Subtype	Country / Region	Date of report	Source of report	Gender / Age	Presentation	Condition
H7N2	United Kingdom	26 May 07	WHO, Regional Office for Europe	4 persons (gender/age unspecified)	Conjunctivitis and flu-like illness	N/A
H9N2	Hong Kong	20 Mar 07	Department of Health	F/9 months	Upper respiratory symptoms	Recovered



(A) Human infection of avian influenza (H5N1) since Jan 2004 (as of 5 April 2008) and (B) Avian influenza in birds reported from 5 March to 5 April 2008.

*Avian Influenza Report* is a weekly report produced by Respiratory Disease Office of Centre for Health Protection during the alert level of Government's Preparedness Plan for Influenza Pandemic in Hong Kong. This report aims to highlight any important international development of avian influenza preparedness and control and to monitor global avian influenza activity in human and birds.