

Reporting period: 9 to 15 December 2007 (Week 50)

Weekly highlights

Human cases of avian influenza infection

- On 9 December 2007, WHO reported that the Ministry of Health in China confirmed a new case of human infection with the H5N1 avian influenza virus in Jiangsu Province. The case was confirmed by the national laboratory on 6 December. The 52-year old male is the father of the 24-year old man who died from H5N1 infection on 2 December 2007. He is one of the close contacts placed under medical observation by national authorities. He developed symptoms on 3 December and was sent immediately to hospital for treatment.
- On 12 December 2007, WHO reported that the Ministry of Health of Indonesia announced a new case of human infection of H5N1 avian influenza. A 28-year-old female from Tangerang City, Banten Province developed symptoms on 1 December, was hospitalized on 7 December and died on 10 December. The case worked as a road side seller of decorative plants. Poultry and poultry cages were located in the vicinity of her business. Investigations are ongoing into the source of her infection.
- On 13 December 2007, WHO reported that the Ministry of Health of Indonesia announced a new case of human infection of H5N1 avian influenza. A 47-year-old male from Tangerang City, Banten Province developed symptoms on 2 December and was hospitalized on 9 December. The source of his exposure is currently under investigation.
- On 14 December 2007, WHO reported that the Ministry of Health in Myanmar confirmed the country's first case of human infection with the H5N1 avian influenza virus. The case is a 7-year-old female from Kyaing Tone Township, Shan State (East). She developed symptoms of fever and headache on 21 November 2007 and was hospitalized on 27 November. She has now recovered. There were poultry deaths in the vicinity of the case's home in the week prior to the onset of illness.
- On 15 December 2007, WHO reported that the Ministry of Health in Pakistan informed WHO of 8 suspected human cases of H5N1 avian influenza infection in the Peshawar area of the country. These cases were detected following a series of culling operations in response to outbreaks of H5N1 in poultry. One of the cases has now recovered and a further two suspected cases have since died. Multiple poultry outbreaks of H5N1 influenza have been occurring in Pakistan since 2006.

Animal cases of avian influenza infection

- Pakistan, Poland and Russia 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
Azerbaijan	0	11/04/06	Salyan	8 (5)	0 (H5N1)	23/03/06	Agdam	1(1)	Wild bird
Cambodia	0	10/04/07	Kampong Cham	7 (7)	0 (H5N1)	12/04/07	Cham	302 (784)	Poultry
China	1	9/12/07	Jiangsu	27 (17)	0 (H5N1)	15/09/07	Guangdong (Panyu)	9,830 (22,800)	Poultry
Djibouti	0	12/05/06	Arta	1 (0)	0 (H5N1)	27/05/06	Djibouti City	4 (18)	Poultry
Egypt	0	25/07/07	Damietta	38 (15)	0 (H5N1)	03/12/06 [#]	Al Minufiyah, Al Jizah, Ash Sharqiyah, Al Gharbiyah, Ad Daqahliyah, Al Iskandariyah, Al Qalyubiyah, Bani Suwayf, Al Isma'iliyah, Al Fayyum, etc.	-- (- -)	Poultry
Indonesia	2	13/12/07	Banten	115 (92)	0 (H5N1)	25/09/06	Central Sulawesi	22 (756)	Poultry
Iraq	0	01/03/06	Sulaimaniyah	3 (2)	0 (H5N1)	07/02/06	Missan	980 (978)	Poultry
Laos	0	16/03/07	Vientiane	2 (2)	0 (H5N1)	14/03/07	Vientiane, Savannakhet, Champasak	5,196 (2,805)	Poultry
Myanmar	1	14/12/07	Shan State	1 (0)	0 (H5N1)	23/11/07	Shan State	2,058 (533)	Poultry
Nigeria	0	03/02/07	Lagos	1 (1)	0 (H5N1)	02/04/06	Bauchi, Kaduna, Plateau	3,236 (4,852)	Poultry
Thailand	0	07/08/06	Nong Bua Lam Phu Province	25 (17)	0 (H5N1)	19/03/07	Mukdahan	26 (173)	Poultry
Turkey	0	07/01/06	Agri	12 (4)	0 (H5N1)	01/03/07	Batman, Diyarbakir	33 (2,137)	Poultry
Vietnam	0	31/08/07	Ha Nam, Thanh Hoa, Ha Tay	100 (46)	0 (H5N1)	12/11/07	Cao Bang, Quang Tri, Ha Nam, Ben Tre	2,208 (2,004)	Poultry

Source: *WHO, **OIE

#Egypt reported to OIE a total of 579 outbreaks of H5N1 in poultry, which occurred during the period of 23 March 2006 to 24 November 2007; some of these outbreaks had been previously reported to the OIE using the old notification format.

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
Benin	0 (HPAI, pending)	5/12/07	Cotonou, Adjara	271 (0)	Poultry
Korea	0 (H7N9)	26/11/07	Kwangju-Jikhalsi	-- (3,800)	Poultry
Pakistan	2 (H5N1)	12/12/07	Punjab, Northwest Frontier	19,657 (11,800)	Poultry
Poland	5 (H5N1)	12/12/07	Mazowieckie, Warminsko - Mazurskie	- (167)	Poultry
Romania	0 (H5N1)	28/11/07	Tulcea	31 (49)	Poultry
Russia	1 (H5N1)	12/12/07	Rostovskaya Oblast	42,959 (0)	Poultry
Saudi Arabia	0 (H5N1)	19/11/07	Ar Riyad	1,500 (220,500)	Poultry
United Kingdom	0 (H5N1)	26/11/07	Knettishall, England	3 (9,000)	Poultry

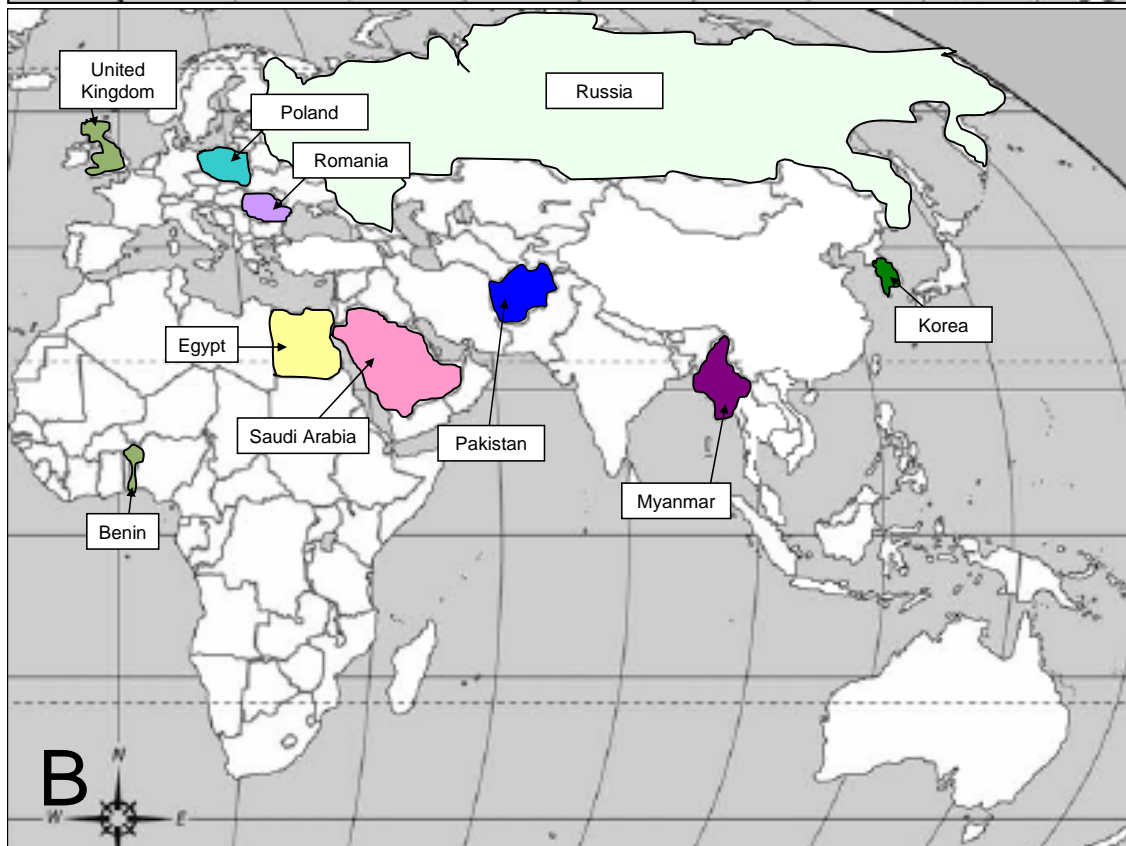
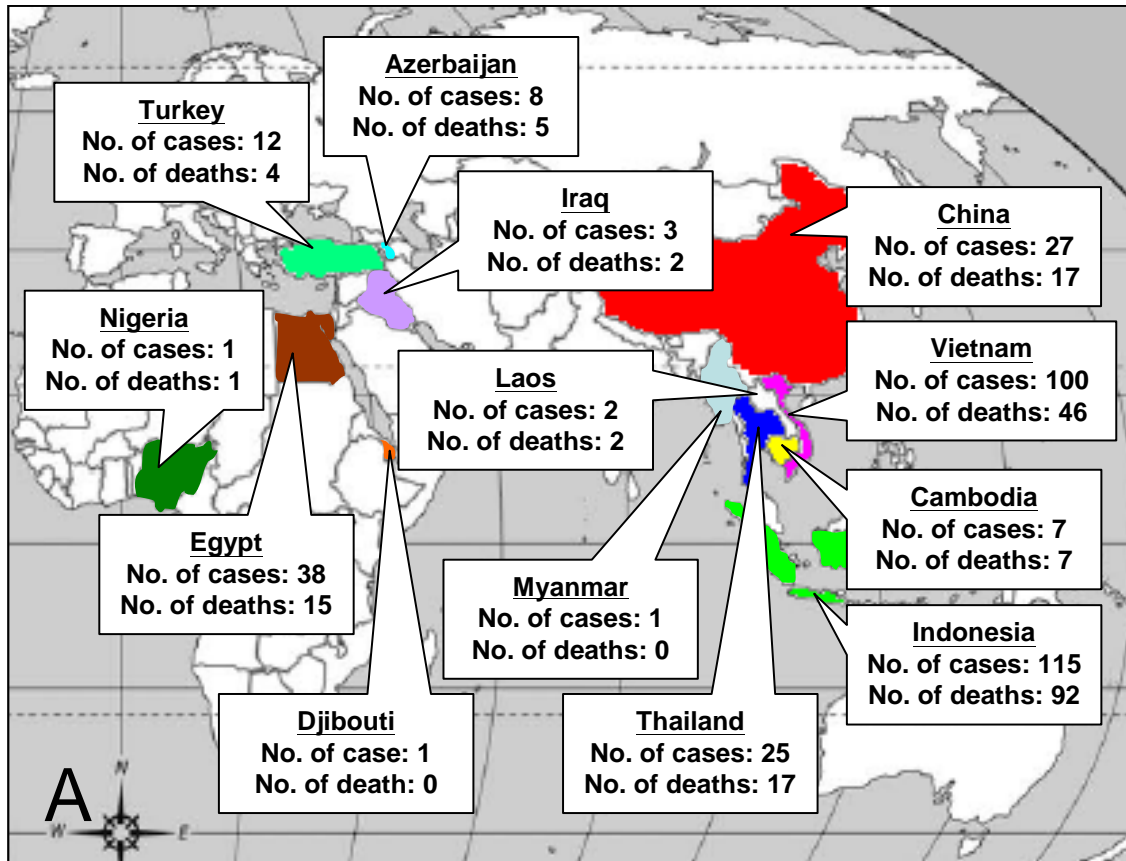
Note : For those countries/places with outbreaks in birds only (i.e. the table above), countries/places will be removed from the list if no outbreak in birds has been reported for 4 weeks.

Source : **OIE

Confirmed human avian influenza cases other than H5N1 since 2007

(as of 15 December 2007)

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 15 December 2007) and (B) Avian influenza in birds reported from 15 November to 15 December 2007.

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.