

Pandemic Postings

Current Alert Level: **WHITE** ([definition](#))
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International Situation: human cases

Overview Following the lull in reports of H5N1 avian influenza activity among humans between September and December 2008, 29 further cases and 11 deaths have been reported in the last four months. H5N1 activity has been particularly prominent in Egypt and China. In all except one situation, cases have occurred sporadically in disparate regions of both countries. All WHO reports are available at <http://tinyurl.com/c4hme4>.

Cambodia WHO, 12/12/08 (<http://tinyurl.com/5hslnh>). One confirmed human case of H5N1 avian influenza reported in a 19-year-old male from Kandal Province (see map at <http://tinyurl.com/df7t9x> - province surrounding Phnom Penh) with onset of illness on 28 Nov 08.

China WHO: 7/1/09, 19/1/09, 27/1/09, 2/2/09. Eight human cases of H5N1 avian influenza have been reported in China. The cases range in age from 2 to 31 years, and had illness onset dates between 24 Dec 08 and 23 Jan 09. Five cases died due to their illness. Cases occurred in the following provinces or regions (numbers of cases in brackets): Beijing (1), Shandong (1), Shangxi (1), Hunan (2), Xinjiang (1), Guizhou (1) and Guangxi (1) - see map at <http://tinyurl.com/6gf9dc> for locations. All cases are reported by WHO to have had exposure to poultry or to have sources of infection under investigation.

Egypt WHO: 16/12/08, 14/01/09, 26/01/09, 5/02/09, 9/02/09, 2/03/09, 10/03/09, 11/03/09, 23/03/09, 30/03/09, 8/04/09. Thirteen human cases of H5N1 avian influenza have been reported in Egypt. The cases range in age from 18 months to 38 years: 10 of the 13 cases were aged less than 5 years. Cases had illness onset dates between 8 Dec 08 and 31 Mar 09; one death has occurred. Cases occurred in the following governorates (numbers of cases in brackets): Assuit (2), Menofia (2), Sixth of October (1), Suez (1), Menia (1), Fayoum (1), Alexandria (1), Qena (1), El Bahira (2), Qaliobia (1) - see map at <http://tinyurl.com/walxh> for governorate locations. All cases are considered to have had contact with sick or dead poultry. The two El Bahira cases occurred in the same district; the second of these cases was detected during investigations around the first. No close contacts of either case have shown symptoms.

Indonesia WHO: 9/12/08, 22/01/09. Four human cases of H5N1 avian influenza have been reported in Indonesia: all occurred in the last two months of 2008. The cases ranged in age from 2 to 29 years, and had illness onset dates between 7 Nov and 23 Dec 08. Three of the cases died. The cases were reported from the following districts: Tangerang, West Java, Riau and East Jakarta.

Vietnam WHO: 7/01/09, 11/02/09, 18/02/09. Three human cases of H5N1 avian influenza have been reported in Vietnam. The cases ranged in age from 8 to 32 years, and had illness onset dates between 27 Dec 08 and 5 Feb 09. Two of the cases died. The cases were reported from the following provinces: Ninh Binh, Quang Ninh and Thanh Hoa - see map at <http://tinyurl.com/deef4d> for locations.

Current global avian influenza activity
 Reported cases of H5N1 avian influenza in humans 11 September 2008 - 8 April 2009¹ and outbreaks of highly-pathogenic avian influenza H5N1 in poultry 2 December 2008 - 31 March 2009.²
 The complete list of human cases and poultry outbreaks to date can be found on the [ARPHS website](#).

	Human ¹		Poultry ²
	cases	deaths	outbreaks
Bangladesh	-	-	21
Cambodia	1	-	1
China	8	5	3
Egypt	13	1	-
India	-	-	26
Indonesia	4	3	-
Laos	-	-	1
Nepal	-	-	3
Vietnam	3	2	34
Total	29	11	89

Notes:

1 As reported by [World Health Organization](#).

2 As reported by the [World Organisation for Animal Health](#) (OIE)

Details of recently-reported poultry outbreaks of H5N1 avian influenza

Bangladesh OIE, 6/01/09 (<http://tinyurl.com/cn5hc4>).

Retrospective reports of 21 outbreaks dating from Feb 07; most recent outbreak commenced 24 Dec 08 in Rajshahi province (see map at <http://tinyurl.com/d254ls>).

Cambodia OIE, 25/12/08 (<http://tinyurl.com/d7st9j>) One outbreak in Kandal Province (see map at <http://tinyurl.com/df7t9x>); outbreak commenced 16 Dec 08 in a 464-bird flock of backyard poultry.

China OIE: 26/12/08, 10/02/09 (<http://tinyurl.com/dzjto2>). Three outbreaks reported in China: two occurred in Jiangsu Province on 9 Dec 08 (involving flocks of 160,000 and 216,000 birds); one occurred in Xinjiang Province on 1 Feb 09 involving a flock of 13,700 birds. See map at <http://tinyurl.com/6gf9dc> for province locations.

India OIE, 30/03/09 (<http://tinyurl.com/c3w37g>). 26 outbreaks reported in eastern India: 16 in Assam, 9 in West Bengal and 1 in Sikkim states (see map at <http://tinyurl.com/dj88vq> for locations of states). The outbreaks commenced between 21 Nov 08 and 14 Mar 09.

Laos OIE, 4/04/09 (<http://tinyurl.com/cylo69>). One outbreak reported in Laos, in Phongsaly province. Outbreak commenced on 30 Jan 09 and involved a 3314-bird flock of free ranging village poultry.

Nepal OIE, 20/02/09 (<http://tinyurl.com/c9jp9v>). Three outbreaks reported in Nepal, all in Mechi Administrative Zone (see map at <http://tinyurl.com/yfyv8g> for zone location). The outbreaks commenced on 8 Jan, 16 Jan and 17 Feb 09 respectively.

Vietnam OIE, 6/03/09 (<http://tinyurl.com/cdzcms>). 34 outbreaks reported in Vietnam with outbreak commencement dates between 30 Oct 08 and 28 Feb 09. Of the 31 outbreaks that have occurred in 2009 to date, affected provinces include the following (numbers of outbreaks in brackets): Ca Mau (8), Soc Trang (6), Hau Giang (6), Bac Lieu (2), Quang Ninh (3), and Nghe An, Quang Tri, Bac Ninh, Nanh Binh, Lai Chau and Khanh Hoa (1 outbreak each). See map at <http://tinyurl.com/deef4d> for province locations.